

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119116.D
 Acq On : 27 Feb 2020 18:12
 Operator : CG/JU
 Sample : L1688-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-02-022420MS

Manual Integrations
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 2/28/2020 2:41:40 PM

Quant Time: Feb 28 04:11:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	146028	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	542837	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	289530	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	501604	20.00	ng	0.00
76) Chrysene-d12	13.90	240	322127	20.00	ng	0.00
87) Perylene-d12	15.33	264	352977	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	878938	100.59	ng	0.00
7) Phenol-d6	6.40	99	1055662	99.34	ng	0.00
23) Nitrobenzene-d5	7.31	82	702749	68.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	337352	89.07	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1319663	67.15	ng	0.00
79) Terphenyl-d14	12.85	244	1374790	73.48	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.49	88	157604	40.510	ng	99
3) Pyridine	3.22	79	398649	37.520	ng	97
4) n-Nitrosodimethylamine	3.16	42	162057	50.350	ng	96
6) Aniline	6.41	93	421515	32.145	ng	89
8) 2-Chlorophenol	6.54	128	485877	51.525	ng	97
9) Benzaldehyde	6.29	77	196477	27.672	ng	99
10) Phenol	6.41	94	554194	48.234	ng	96
11) bis(2-Chloroethyl)ether	6.48	93	432993	49.252	ng	97
12) 1,3-Dichlorobenzene	6.69	146	526239	46.560	ng	97
13) 1,4-Dichlorobenzene	6.76	146	533338	47.156	ng	99
14) 1,2-Dichlorobenzene	6.92	146	490775	47.579	ng	99
15) Benzyl Alcohol	6.90	79	389292	50.685	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	346798	45.539	ng	97
17) 2-Methylphenol	7.02	107	375785	49.152	ng	100
18) Hexachloroethane	7.26	117	185561	45.858	ng	97
19) n-Nitroso-di-n-propylamine	7.17	70	306349	49.472	ng	96
20) 3+4-Methylphenols	7.17	107	466156	49.767	ng	95
22) Acetophenone	7.16	105	623716	49.660	ng	# 96
24) Nitrobenzene	7.33	77	487216	47.922	ng	99
25) Isophorone	7.57	82	863636	48.369	ng	100
26) 2-Nitrophenol	7.65	139	259220	48.121	ng	94
27) 2,4-Dimethylphenol	7.69	122	395057	54.036	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	525609	45.226	ng	99
29) 2,4-Dichlorophenol	7.90	162	401776	46.681	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	456624	44.747	ng	99
31) Naphthalene	8.05	128	1333163	47.355	ng	98
32) Benzoic acid	7.85	122	241517	45.653	ng	99
33) 4-Chloroaniline	8.10	127	171690	14.179	ng	96
34) Hexachlorobutadiene	8.17	225	279609	43.989	ng	98
35) Caprolactam	8.48	113	124579m	47.008	ng	
36) 4-Chloro-3-methylphenol	8.60	107	417418	47.922	ng	95
37) 2-Methylnaphthalene	8.74	142	903057	47.665	ng	100
38) 1-Methylnaphthalene	8.84	142	849749	47.692	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	453489	46.456	ng	98

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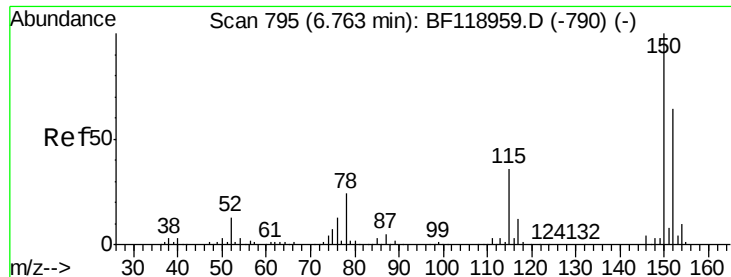
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	238173	68.553	nq	100
43) 2,4,6-Trichlorophenol	9.03	196	287205	46.590	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	301438	46.599	nq	97
46) 1,1'-Biphenyl	9.20	154	1081958	46.238	nq	98
47) 2-Chloronaphthalene	9.23	162	862995	45.766	nq	98
48) 2-Nitroaniline	9.33	65	235891	44.850	nq	98
49) Acenaphthylene	9.65	152	1299210	47.704	nq	100
50) Dimethylphthalate	9.51	163	1111978	50.225	nq	100
51) 2,6-Dinitrotoluene	9.57	165	233595	47.490	nq	98
52) Acenaphthene	9.82	154	766184	46.655	nq	99
53) 3-Nitroaniline	9.74	138	111540	20.454	nq	98
54) 2,4-Dinitrophenol	9.86	184	129066	56.418	nq	# 91
55) Dibenzofuran	9.99	168	1151197	46.965	nq	99
56) 4-Nitrophenol	9.92	139	267071	81.515	nq	92
57) 2,4-Dinitrotoluene	9.98	165	289370	45.386	nq	96
58) Fluorene	10.33	166	899894	47.246	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.12	232	253059	46.362	nq	98
60) Diethylphthalate	10.20	149	990228	47.461	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	472486	46.865	nq	94
62) 4-Nitroaniline	10.36	138	198427	35.566	nq	98
63) Azobenzene	10.48	77	866304	47.769	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	119488	39.366	nq	96
66) n-Nitrosodiphenylamine	10.44	169	815447	49.649	nq	99
67) 4-Bromophenyl-phenylether	10.81	248	308776	47.094	nq	94
68) Hexachlorobenzene	10.88	284	345862	45.752	nq	96
69) Atrazine	10.97	200	287642	50.125	nq	98
70) Pentachlorophenol	11.08	266	259842	85.331	nq	100
71) Phenanthrene	11.29	178	1296946	47.412	nq	99
72) Anthracene	11.35	178	1342885	49.132	nq	98
73) Carbazole	11.50	167	1146850	47.099	nq	98
74) Di-n-butylphthalate	11.83	149	1466675	49.739	nq	98
75) Fluoranthene	12.47	202	1306384	44.991	nq	99
77) Benzidine	12.60	184	593430	45.298	nq	98
78) Pyrene	12.70	202	1281179	49.531	nq	99
80) Butylbenzylphthalate	13.32	149	561062	51.538	nq	95
81) Benzo(a)anthracene	13.89	228	1071409	48.814	nq	98
82) 3,3'-Dichlorobenzidine	13.85	252	373945	43.876	nq	99
83) Chrysene	13.93	228	1053855	48.187	nq	98
84) Bis(2-ethylhexyl)phthalate	13.88	149	769113	55.921	nq	99
85) Di-n-octyl phthalate	14.49	149	1253636	57.209	nq	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	1264022	59.691	nq	100
88) Benzo(b)fluoranthene	14.92	252	1049801	45.121	nq	99
89) Benzo(k)fluoranthene	14.95	252	1069090	49.584	nq	99
90) Benzo(a)pyrene	15.27	252	982293	46.779	nq	98
91) Dibenzo(a,h)anthracene	16.74	278	1068766	57.846	nq	100
92) Benzo(g,h,i)perylene	17.16	276	1070326	58.631	nq	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

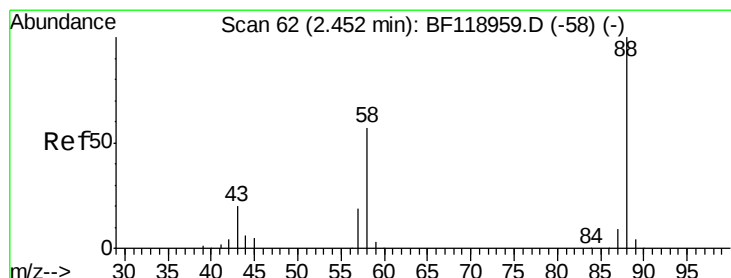
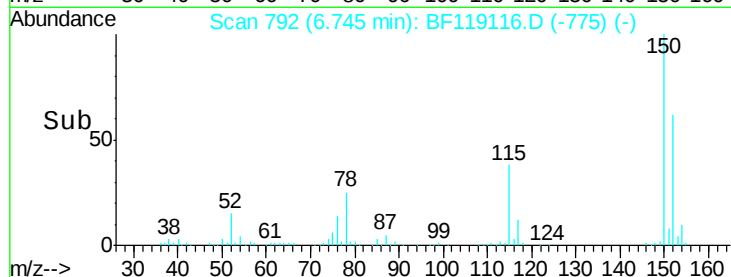
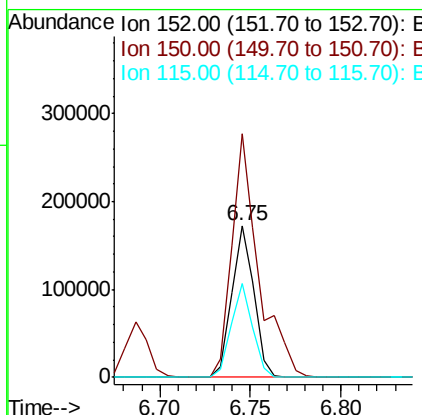
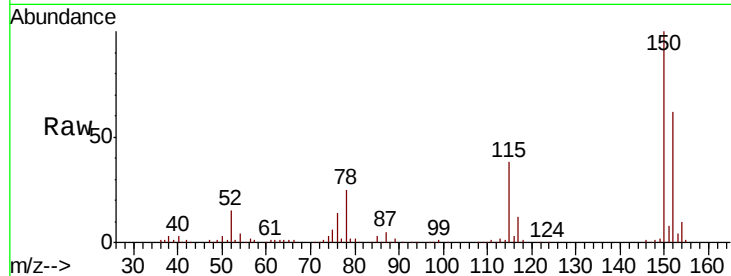
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	123.0	184.6
115	61.5	49.5	74.3

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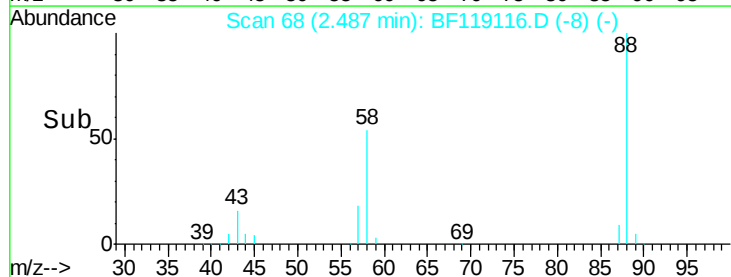
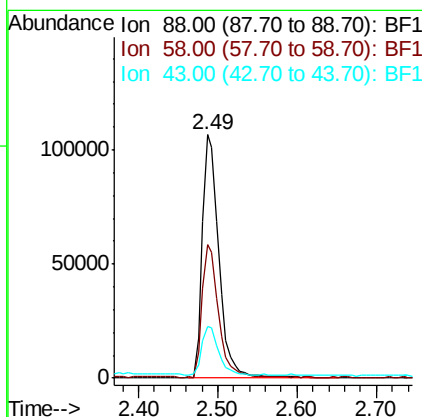
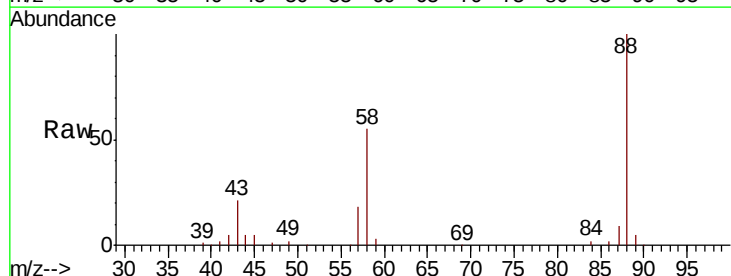
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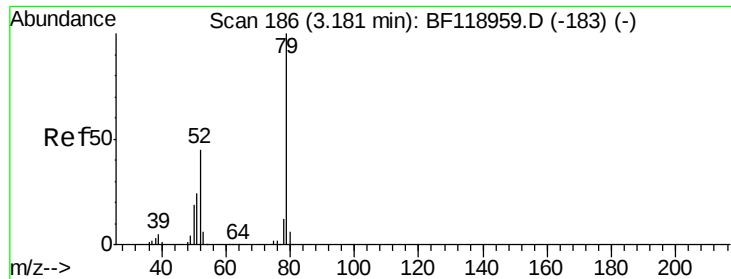


#2

1,4-Dioxane
Concen: 40.510 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.05 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.6	43.8	65.6
43	19.8	16.2	24.4





#3

Pvridine

Concen: 37.520 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.06 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

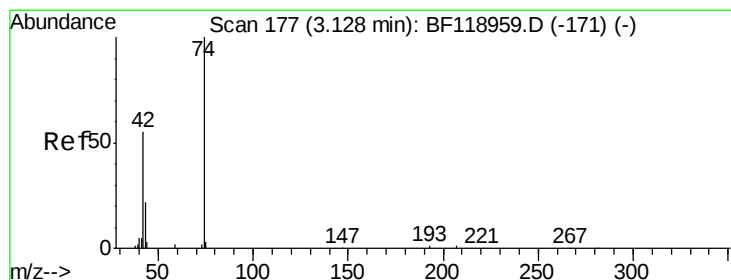
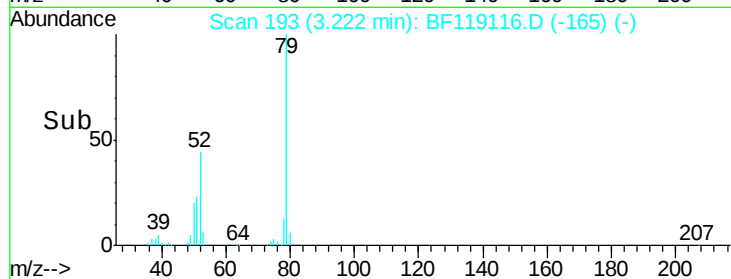
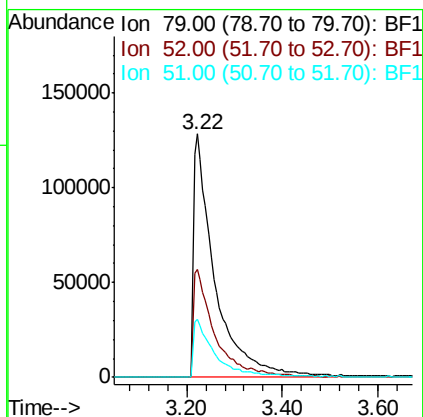
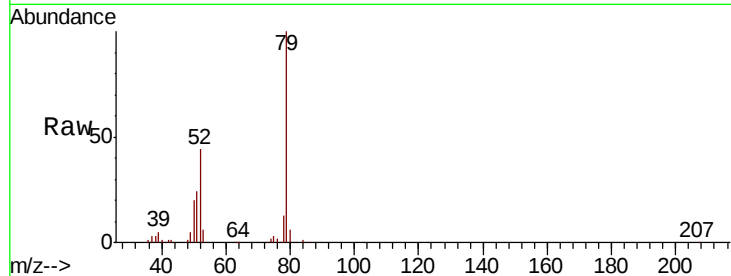
ClientSampleId :

GP-02-022420MS

Tot Ion:	79	Resp:	398649
Ion	Ratio	Lower	Upper
79	100		
52	44.5	37.4	56.0
51	23.6	19.8	29.6

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#4

n-Nitrosodimethylamine

Concen: 50.350 ng

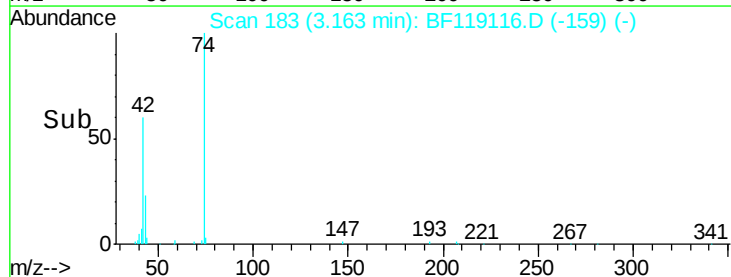
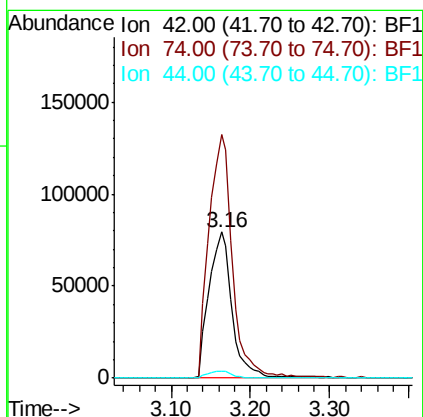
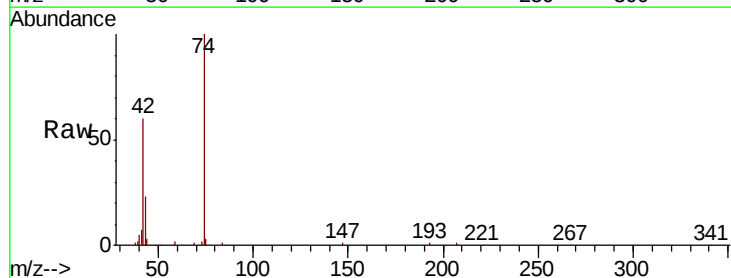
RT: 3.16 min Scan# 183

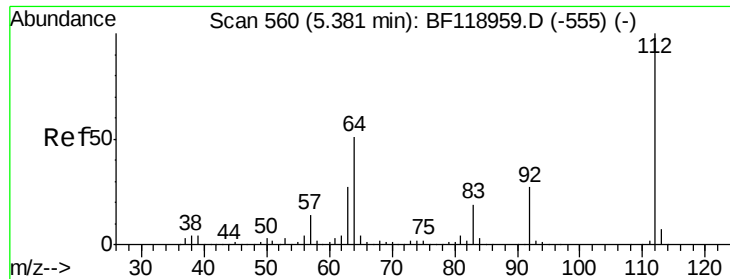
Delta R.T. 0.04 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Tgt Ion:	42	Resp:	162057
Ion	Ratio	Lower	Upper
42	100		
74	166.5	137.7	206.5
44	5.0	4.5	6.7





#5

2-Fluorophenol

Concen: 100.588 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

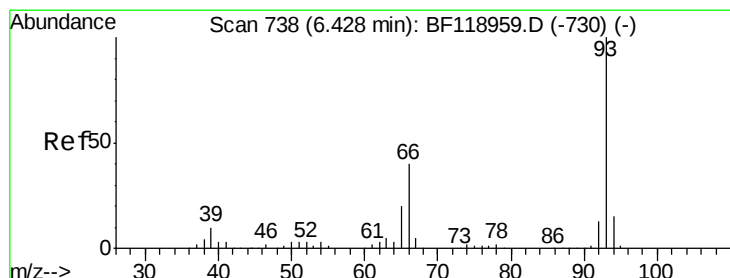
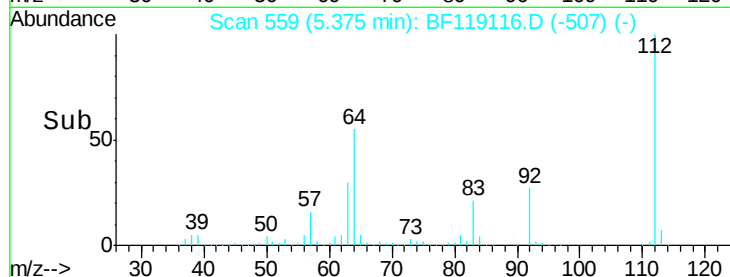
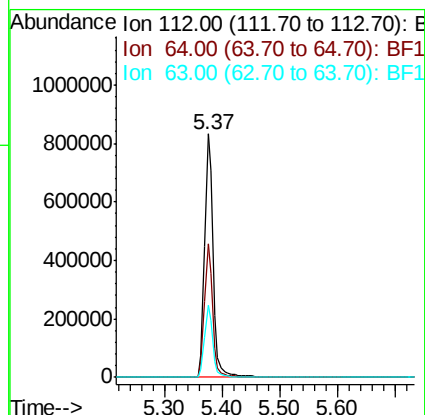
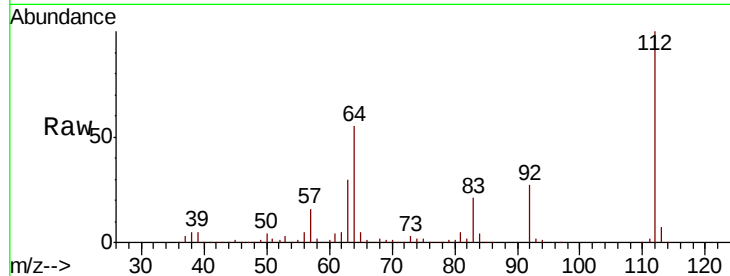
ClientSampleId :

GP-02-022420MS

Tot Ion:	112	Resp:	878938
Ion Ratio	Lower	Upper	
112	100		
64	55.0	45.0	67.4
63	29.6	24.2	36.4

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#6

Aniline

Concen: 32.145 ng

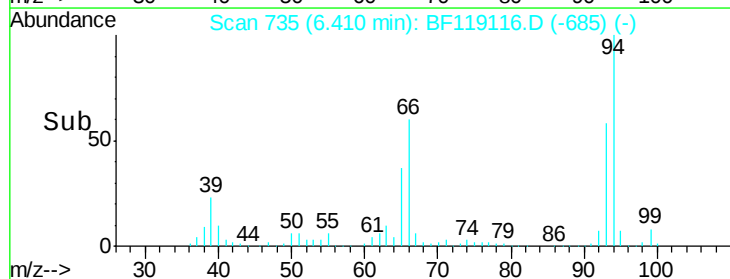
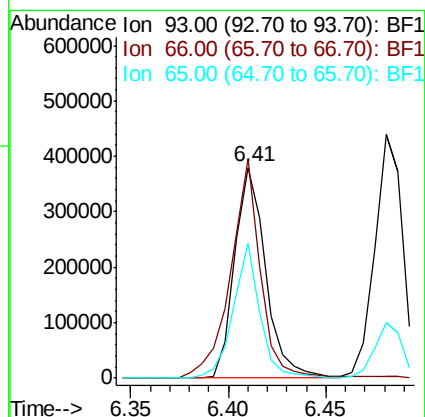
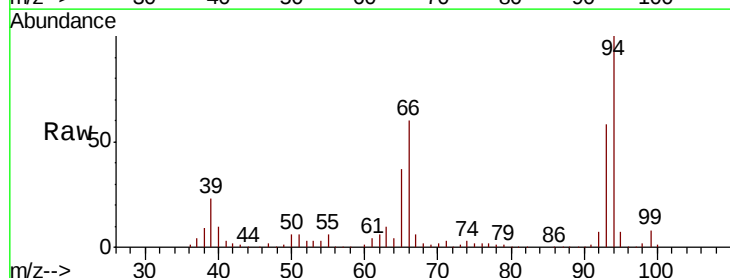
RT: 6.41 min Scan# 735

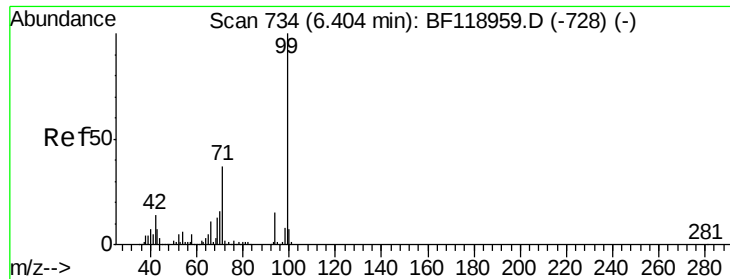
Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Tgt Ion:	93	Resp:	421515
Ion Ratio	Lower	Upper	
93	100		
66	104.0	74.5	111.7
65	64.2	45.3	67.9





#7

Phenol-d6

Concen: 99.337 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

GP-02-022420MS

Tot Ion: 99 Resp: 1055662

Ion Ratio Lower Upper

99 100

42 15.2 12.6 18.8

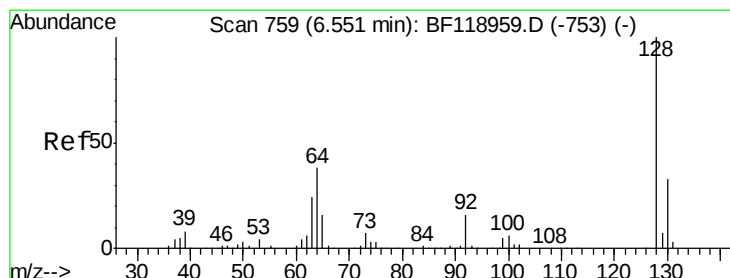
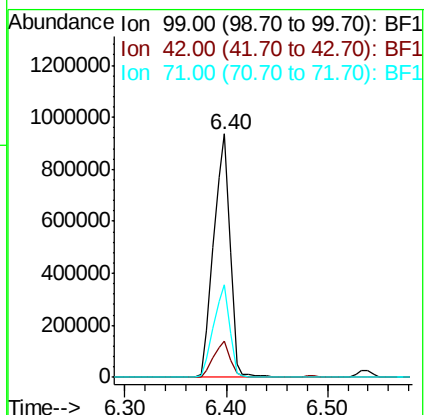
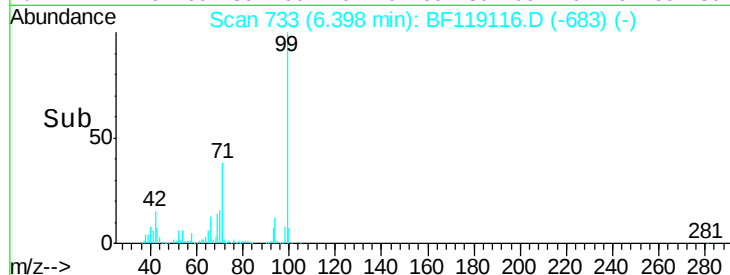
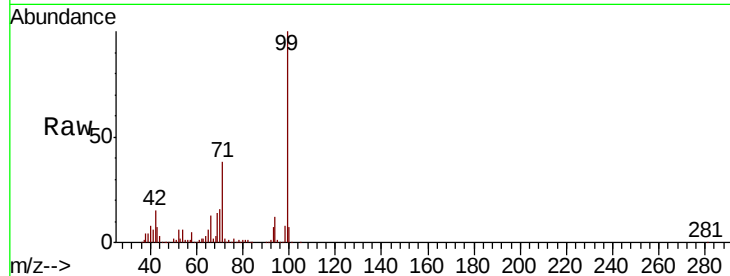
71 38.3 31.0 46.4

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#8

2-Chlorophenol

Concen: 51.525 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

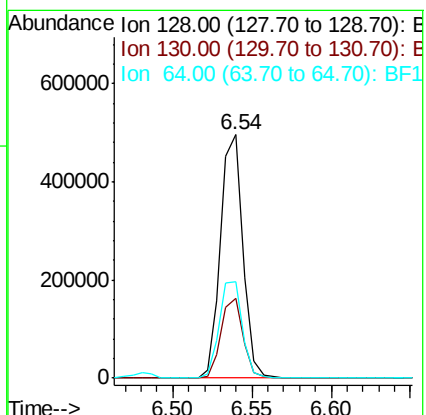
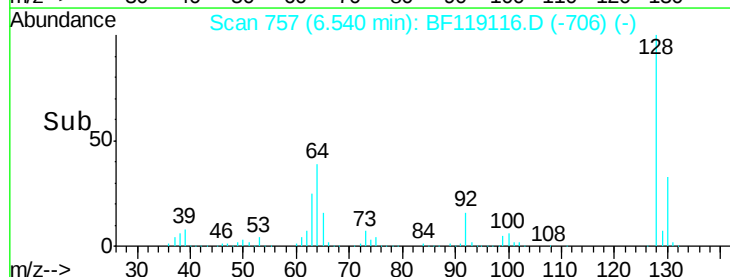
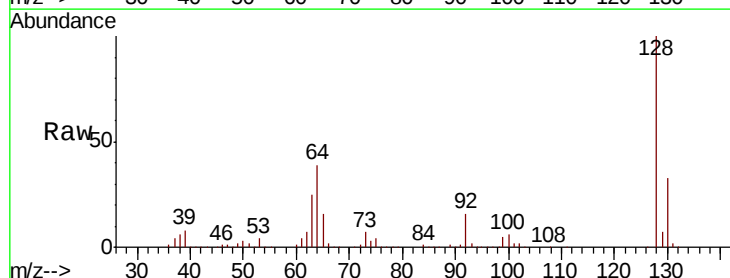
Tgt Ion: 128 Resp: 485877

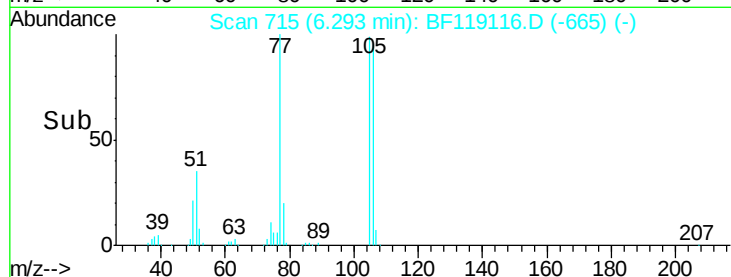
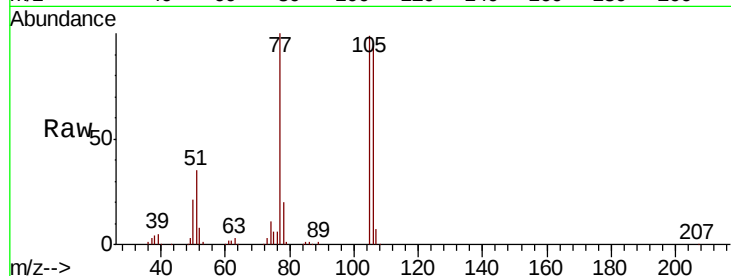
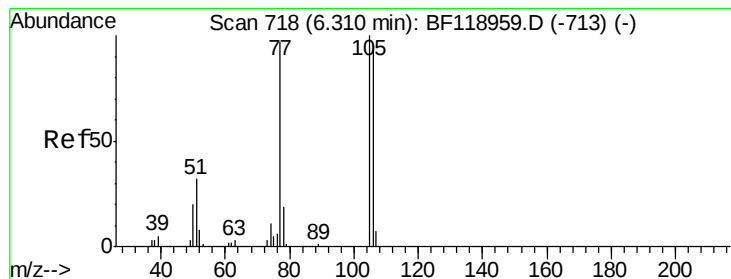
Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

64 39.5 22.3 62.3





#9

Benzaldehyde

Concen: 27.672 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Tot Ion:	77	Resp:	196477
Ion Ratio	Lower	Upper	
77	100		
105	98.9	80.1	120.1
106	95.0	75.9	115.9

Instrument :

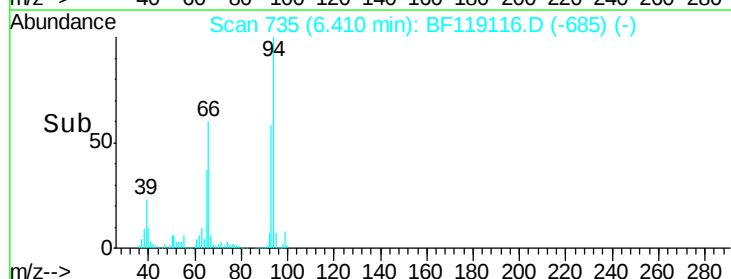
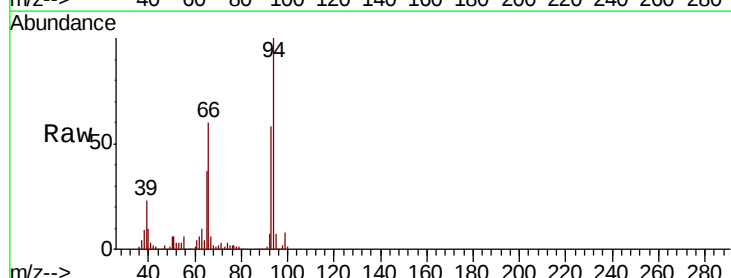
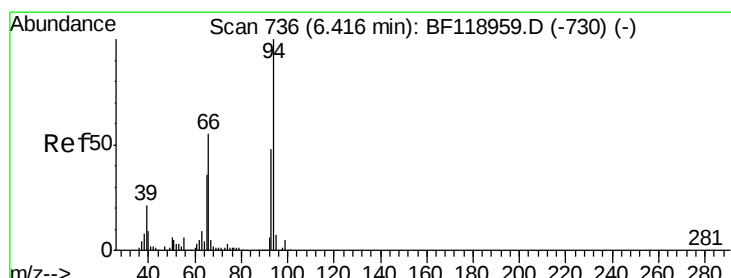
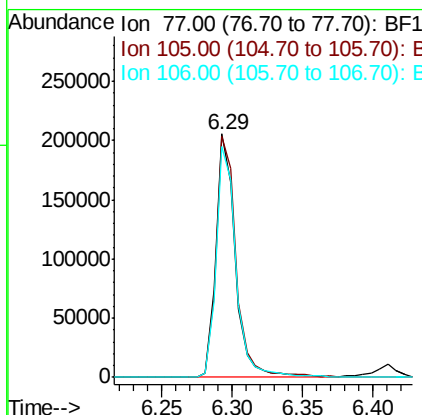
BNA_F

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#10

Phenol

Concen: 48.234 ng

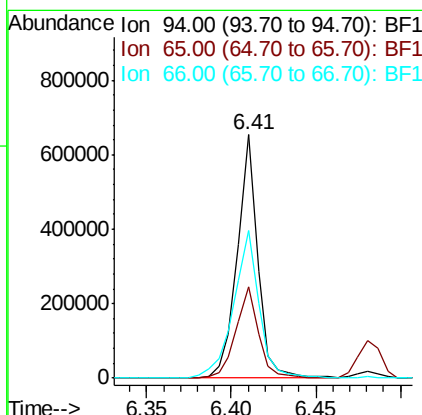
RT: 6.41 min Scan# 735

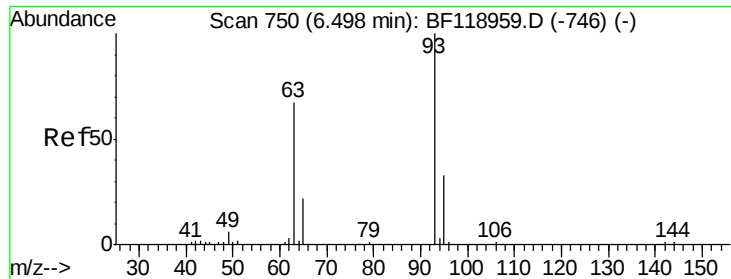
Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Tgt Ion:	94	Resp:	554194
Ion Ratio	Lower	Upper	
94	100		
65	37.4	19.2	59.2
66	60.5	44.4	84.4





#11

bis(2-Chloroethyl)ether

Concen: 49.252 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

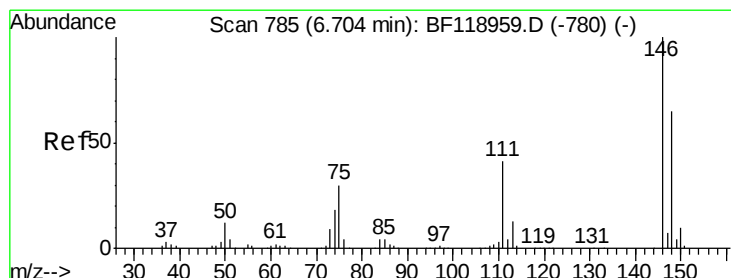
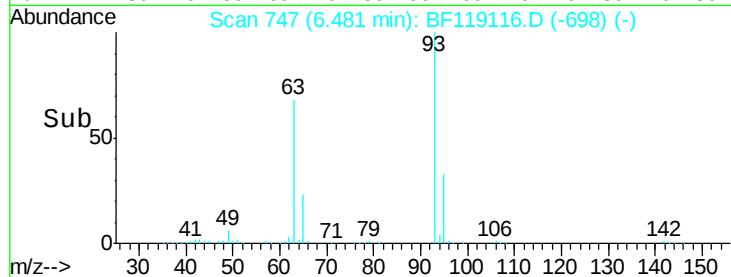
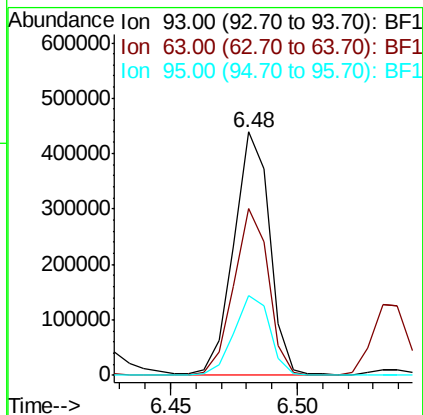
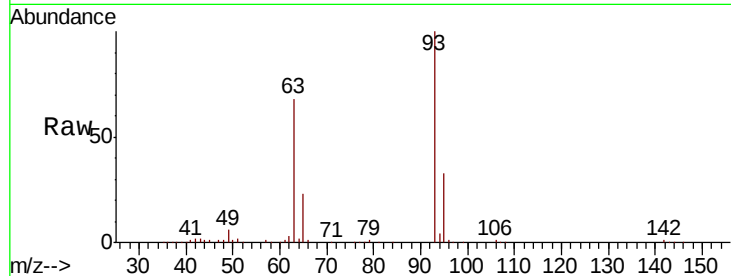
ClientSampleId :

GP-02-022420MS

Tot Ion:	93	Resp:	432993
Ion Ratio	Lower	Upper	
93	100		
63	68.4	45.4	85.4
95	32.7	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 46.560 ng

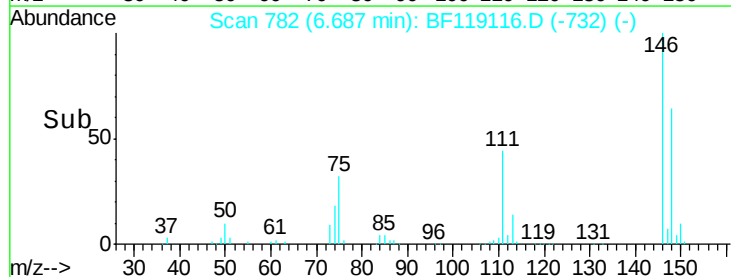
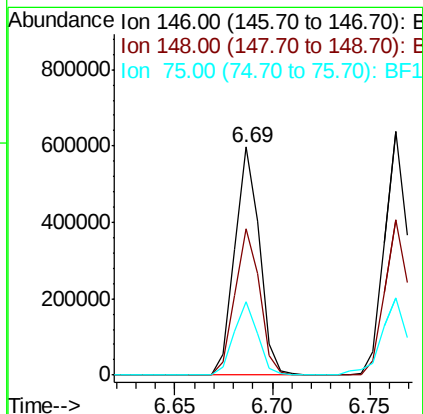
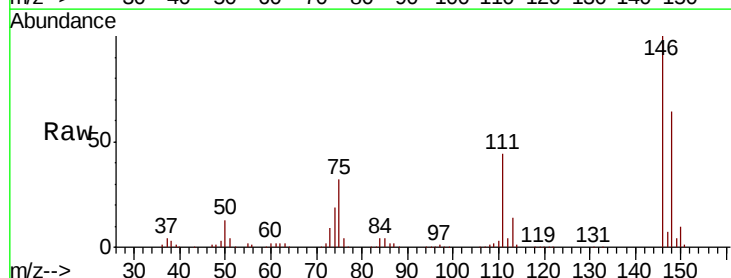
RT: 6.69 min Scan# 782

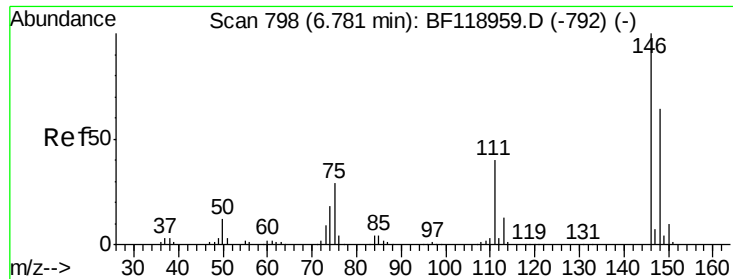
Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Tgt Ion:	146	Resp:	526239
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.5	78.7
75	32.2	23.6	35.4





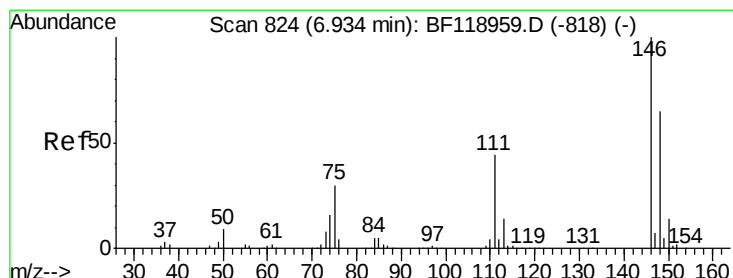
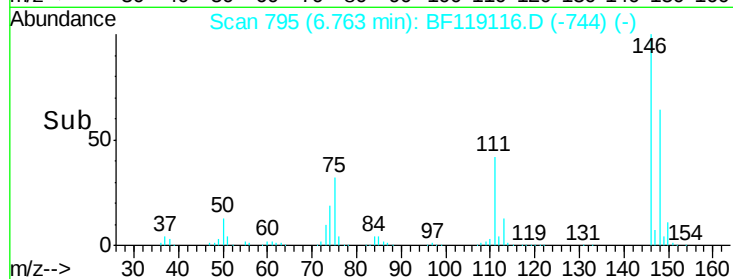
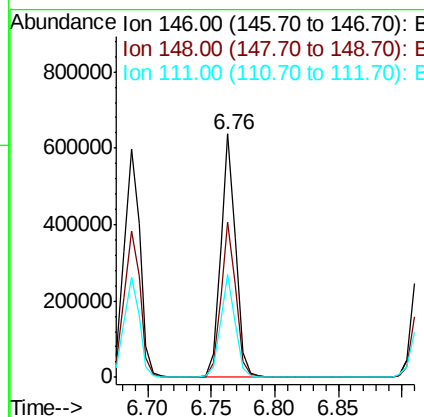
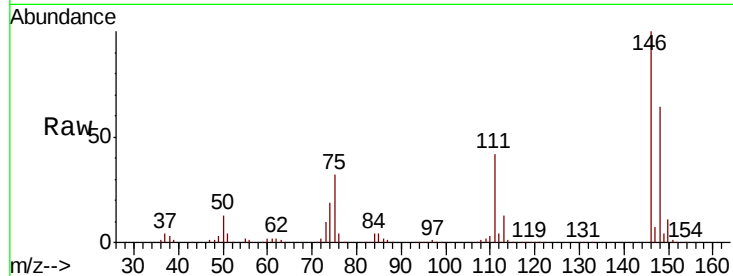
#13
 1,4-Dichlorobenzene
 Concen: 47.156 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 GP-02-022420MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	42.0	34.8	52.2

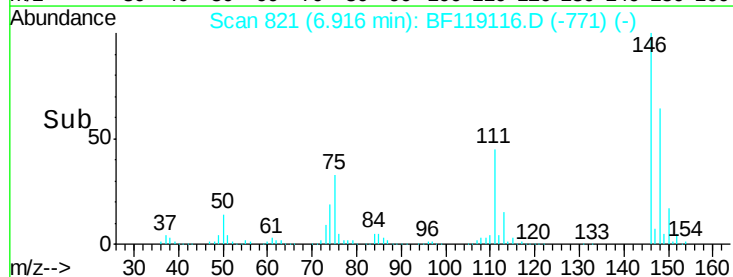
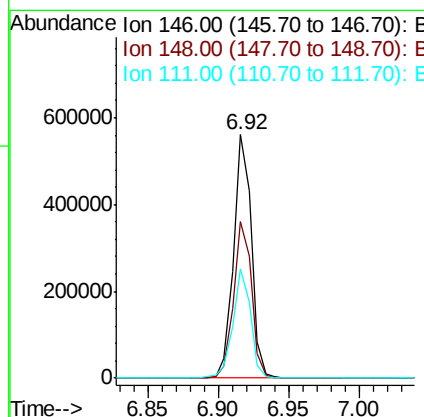
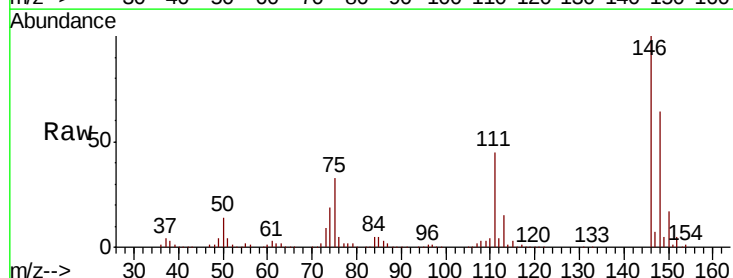
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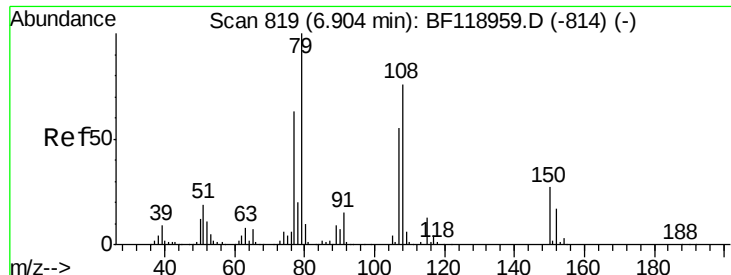
mohammad
 2/28/2020 2:41:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 47.579 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	44.6	36.2	54.2





#15

Benzyl Alcohol

Concen: 50.685 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

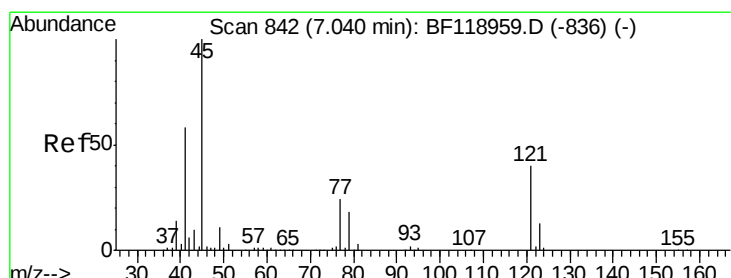
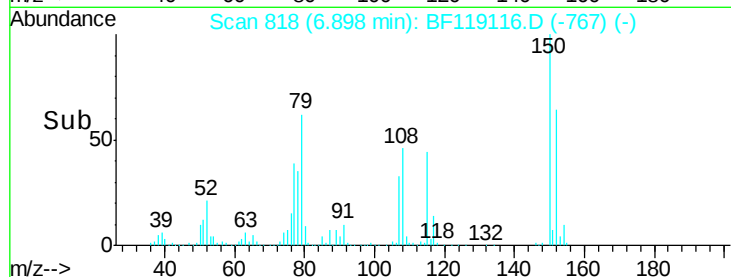
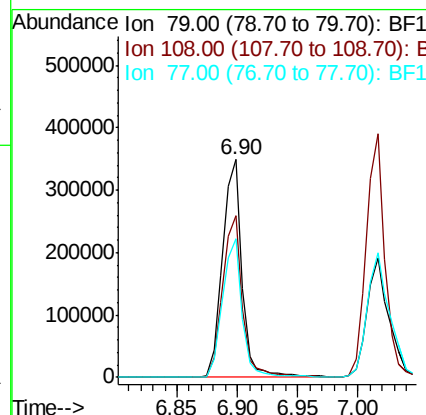
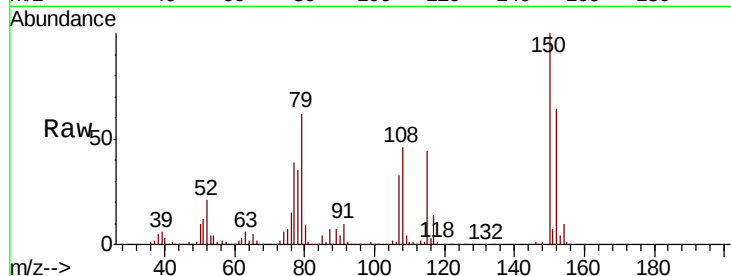
ClientSampleId :

GP-02-022420MS

Tot Ion:	79	Resp:	389292
Ion Ratio	Lower	Upper	
79	100		
108	74.1	58.2	87.2
77	63.5	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.539 ng

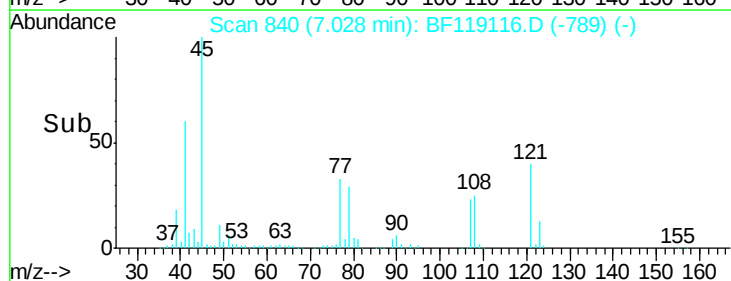
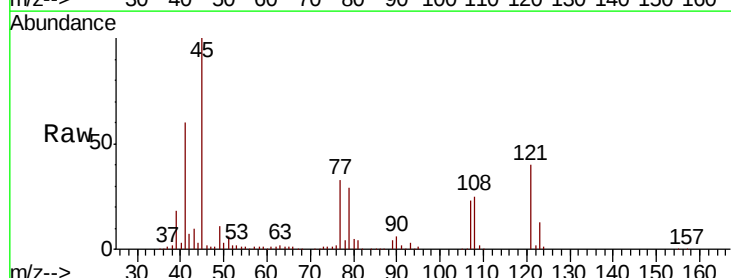
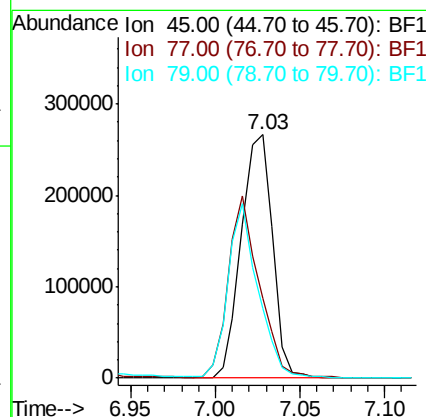
RT: 7.03 min Scan# 840

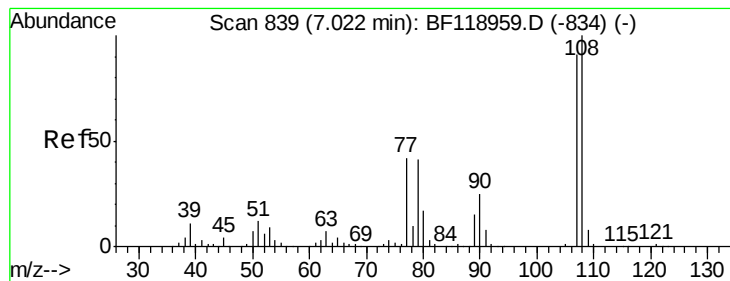
Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Tgt Ion:	45	Resp:	346798
Ion Ratio	Lower	Upper	
45	100		
77	32.9	15.0	55.0
79	28.6	9.4	49.4





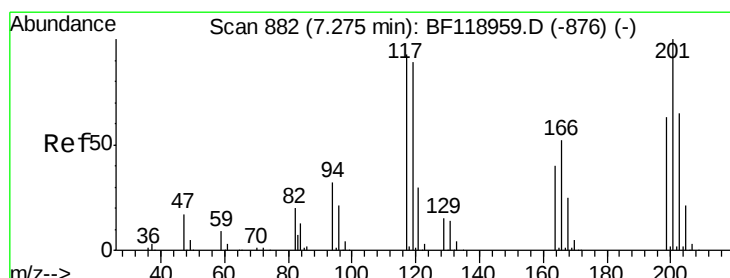
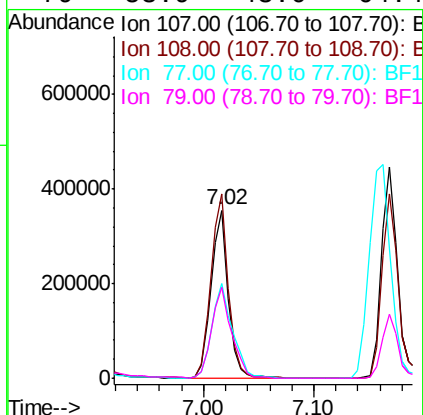
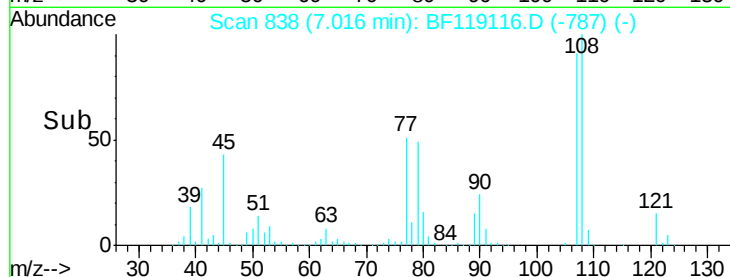
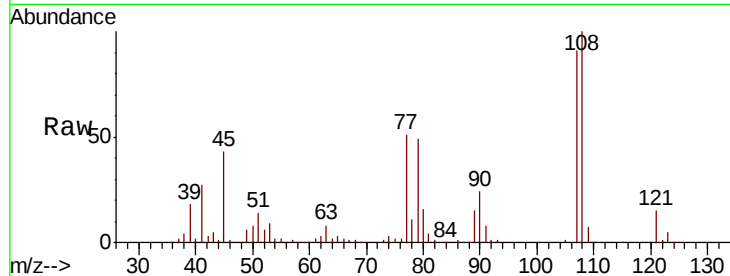
#17
2-Methylphenol
Concen: 49.152 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	375785		
108	110.0	87.9	131.9	
77	56.2	45.3	67.9	
79	53.9	43.0	64.4	

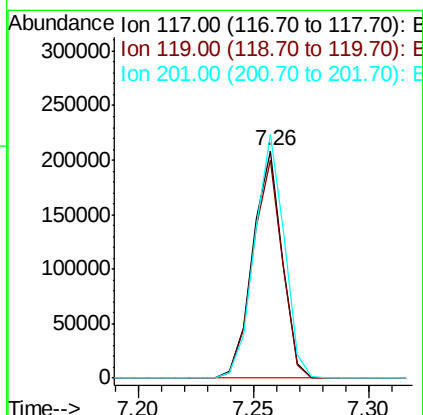
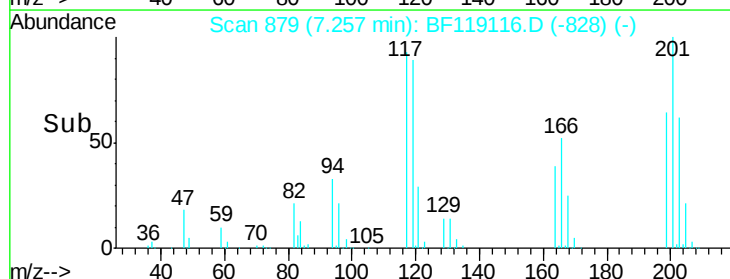
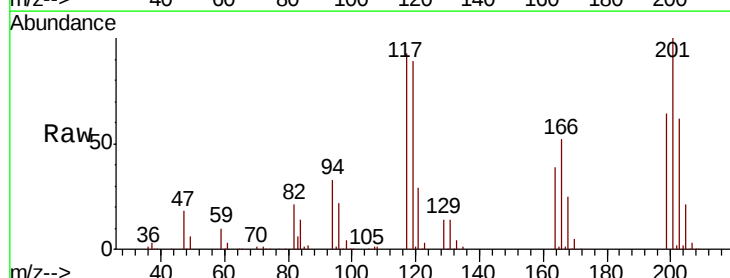
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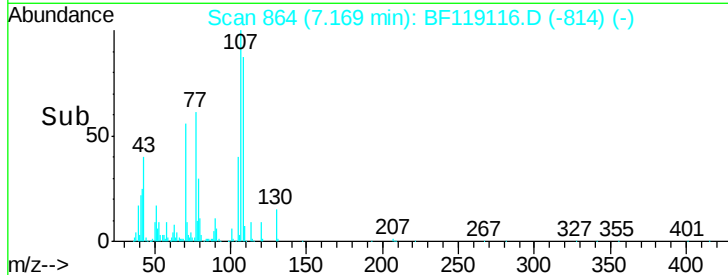
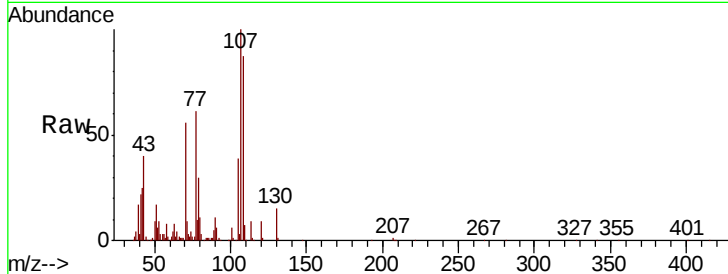
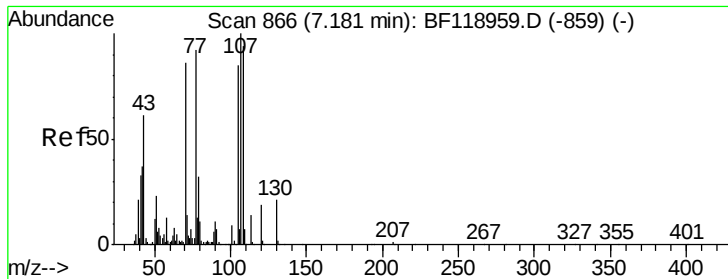
mohammad
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#18
Hexachloroethane
Concen: 45.858 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	185561		
119	95.7	77.5	116.3	
201	107.0	82.6	123.8	





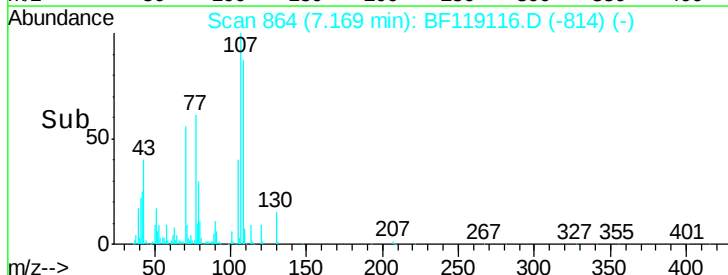
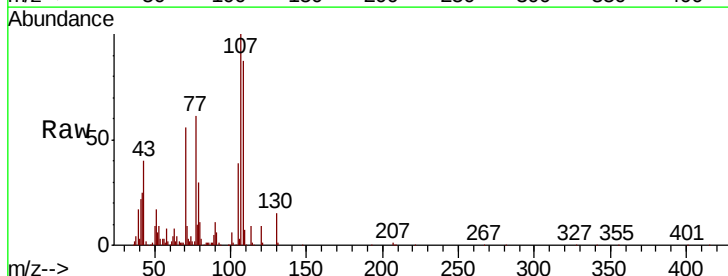
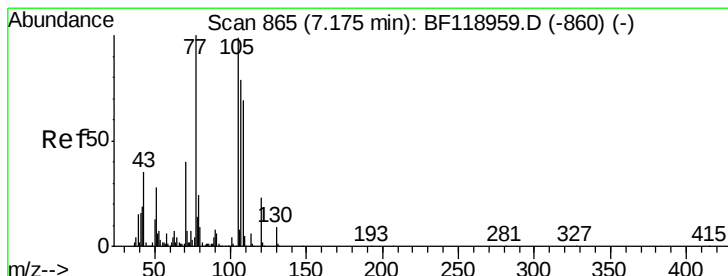
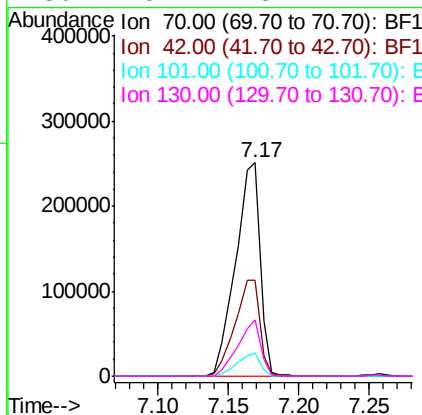
#19
n-Nitroso-di-n-propylamine
Concen: 49.472 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.0	38.0	57.0
101	10.6	8.2	12.4
130	26.2	18.2	27.4

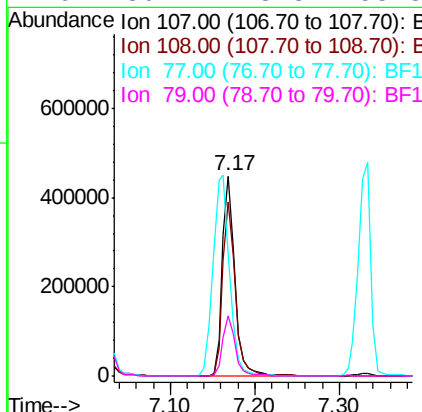
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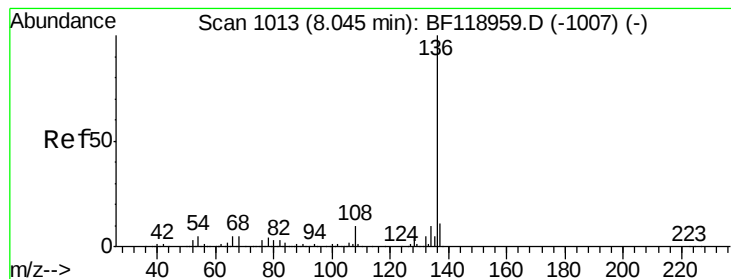
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#20
3+4-Methylphenols
Concen: 49.767 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	71.5	111.5
77	60.9	45.9	85.9
79	30.4	13.8	53.8





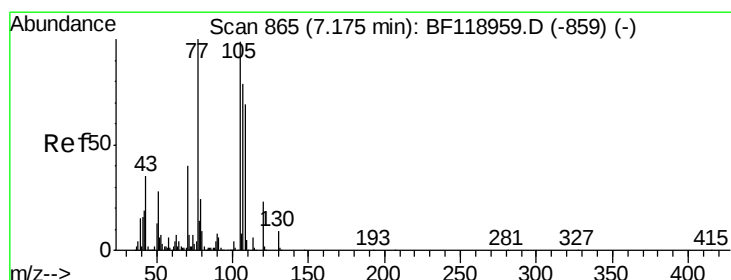
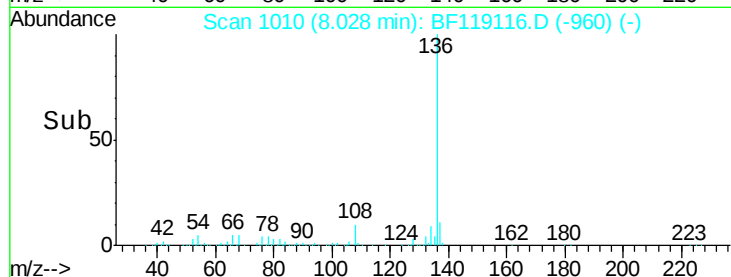
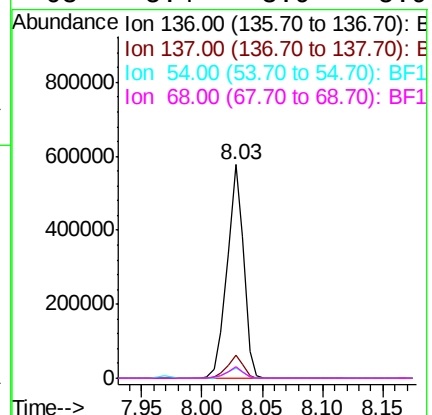
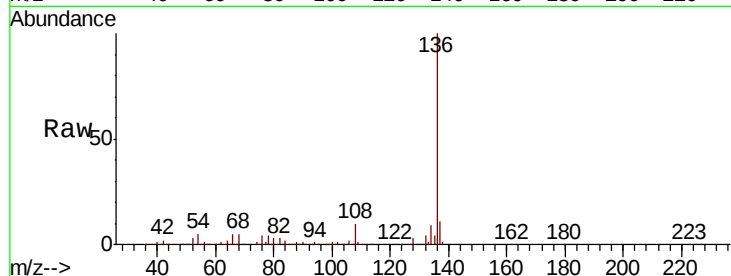
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		542837		
137	11.1	8.8	13.2		
54	4.7	3.8	5.6		
68	5.4	3.9	5.9		

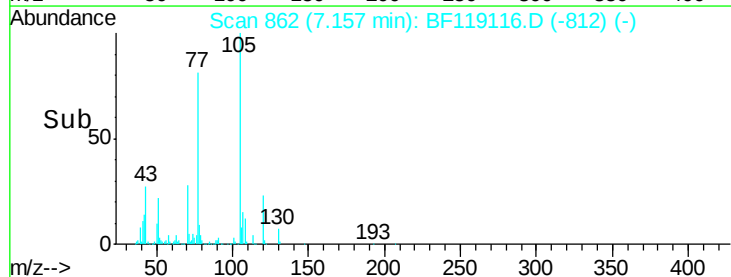
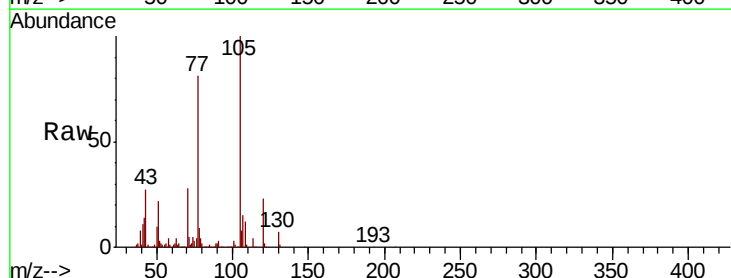
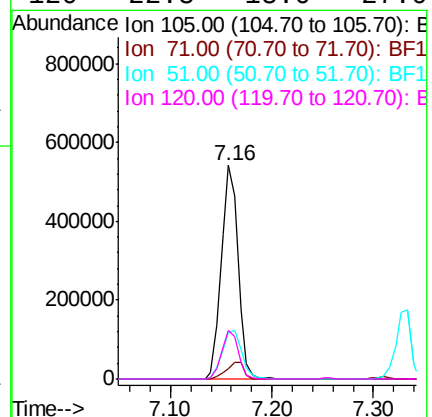
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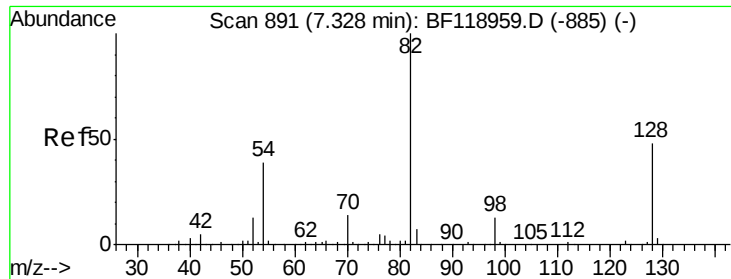
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#22
Acetophenone
Concen: 49.660 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		623716		
71	4.8	3.0	4.4#		
51	21.7	20.1	30.1		
120	22.8	18.0	27.0		





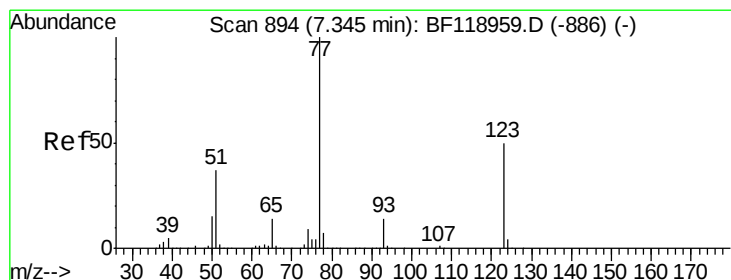
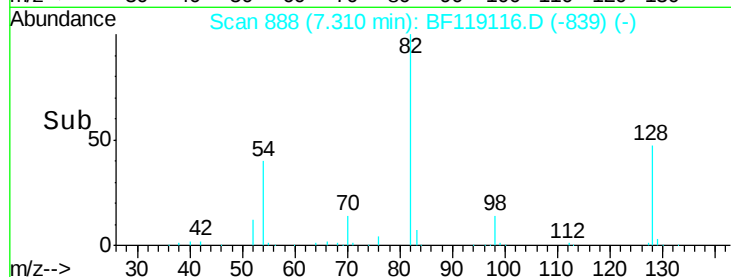
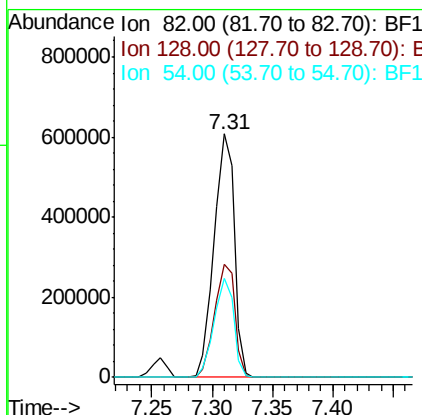
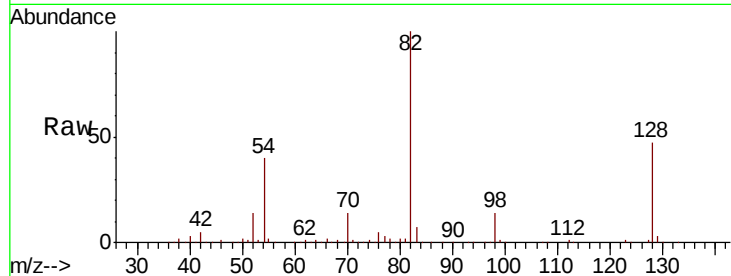
#23
Nitrobenzene-d5
Concen: 68.354 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.9	56.9
54	40.4	33.4	50.2

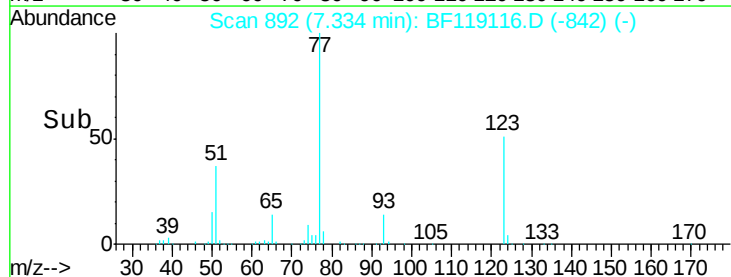
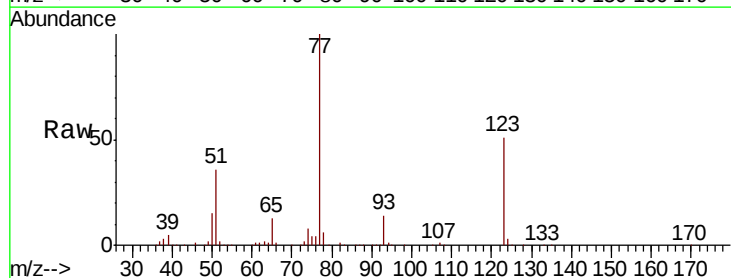
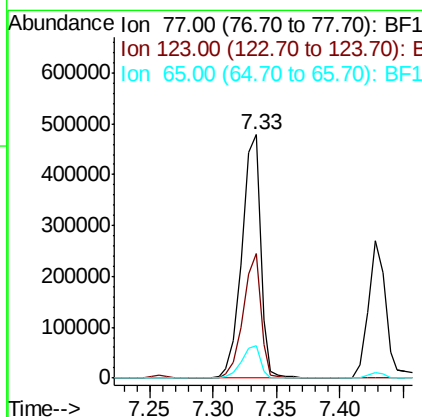
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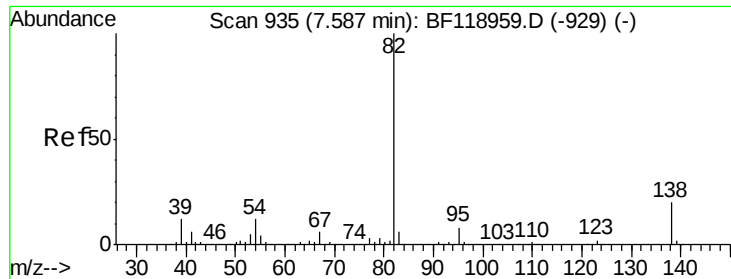
mohammad
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#24
Nitrobenzene
Concen: 47.922 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.9	40.2	60.2
65	13.3	10.8	16.2





#25

Isophorone

Concen: 48.369 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

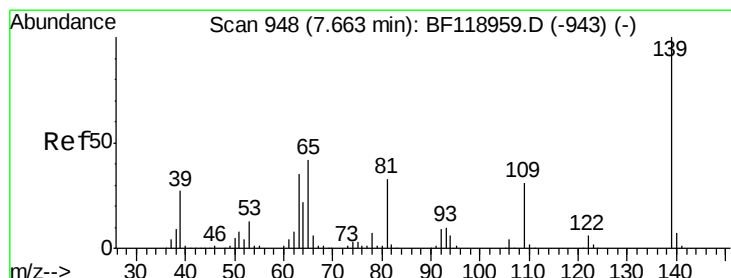
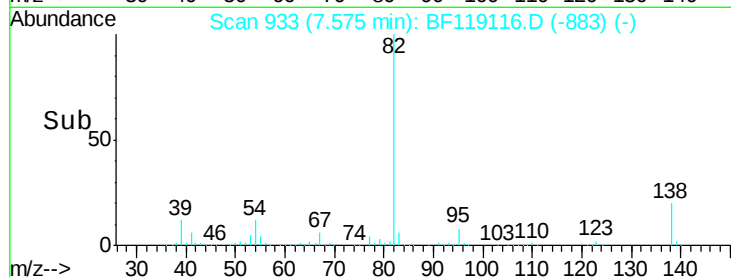
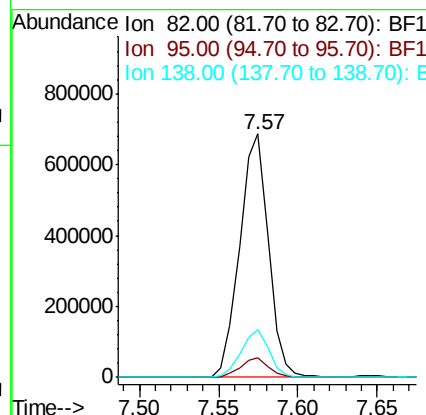
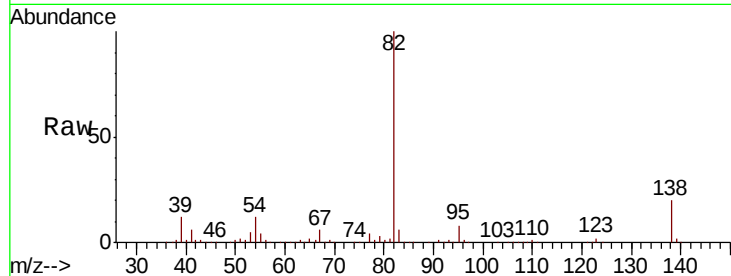
ClientSampleId :

GP-02-022420MS

Tot Ion:	82	Resp:	863636
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.4	9.6
138	19.6	15.7	23.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.121 ng

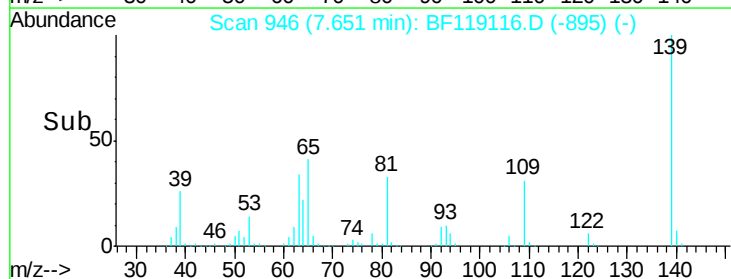
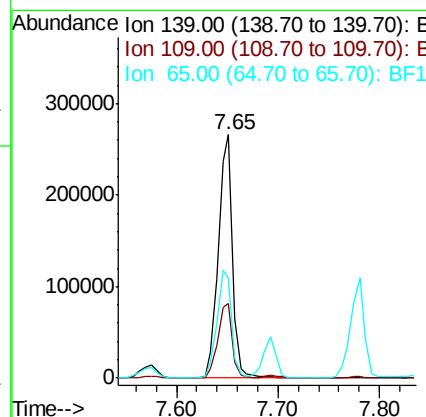
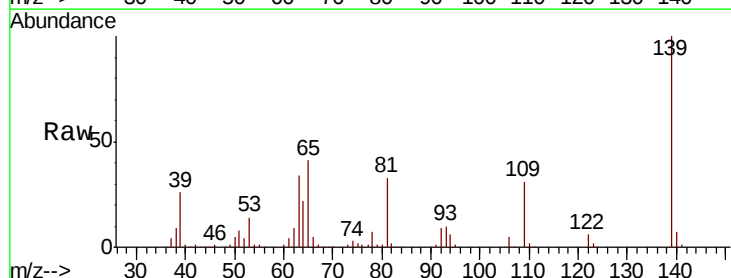
RT: 7.65 min Scan# 946

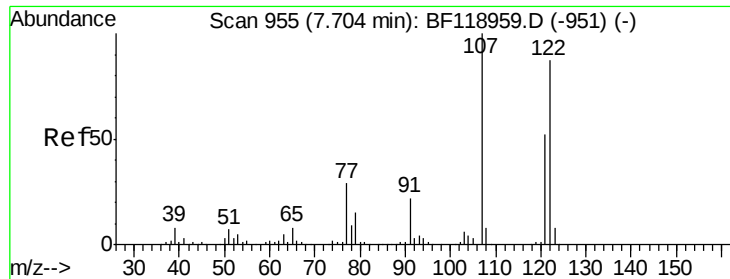
Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Tgt Ion:	139	Resp:	259220
Ion Ratio	Lower	Upper	
139	100		
109	30.9	25.7	38.5
65	41.0	37.1	55.7





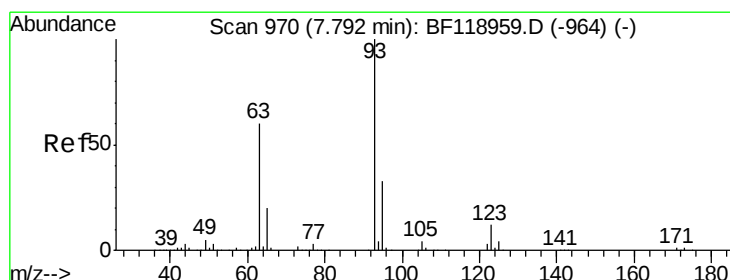
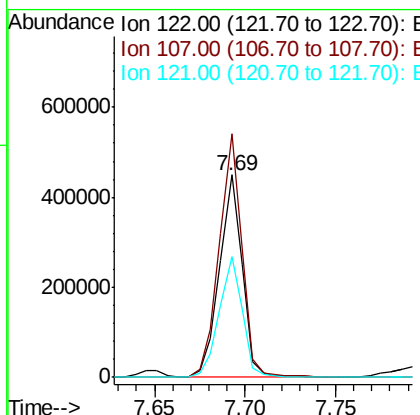
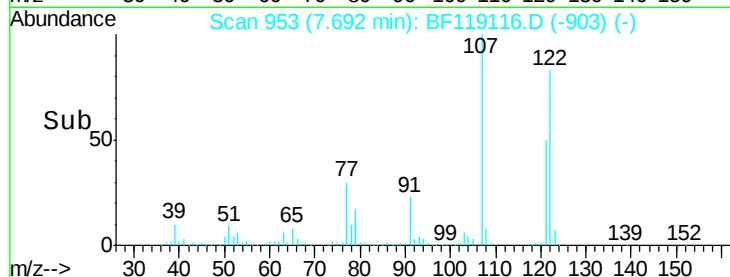
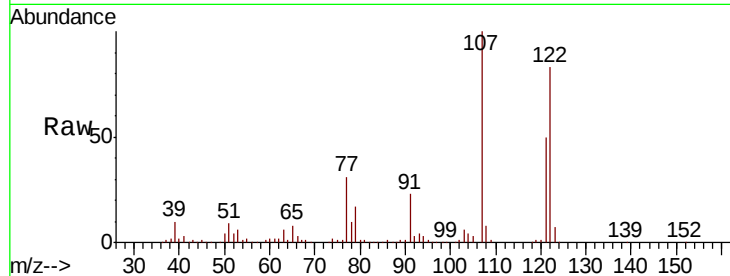
#27
2,4-Dimethylphenol
Concen: 54.036 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.3	93.8	140.6
121	59.6	48.2	72.2

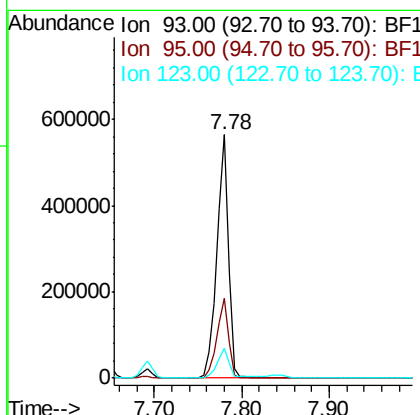
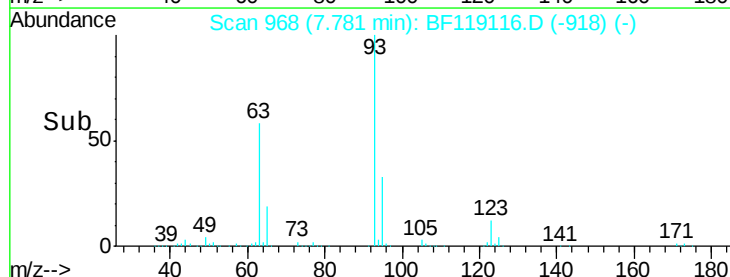
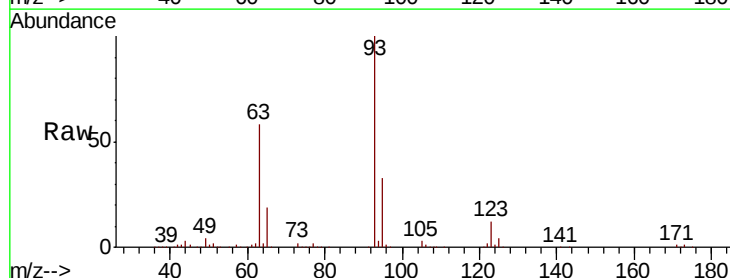
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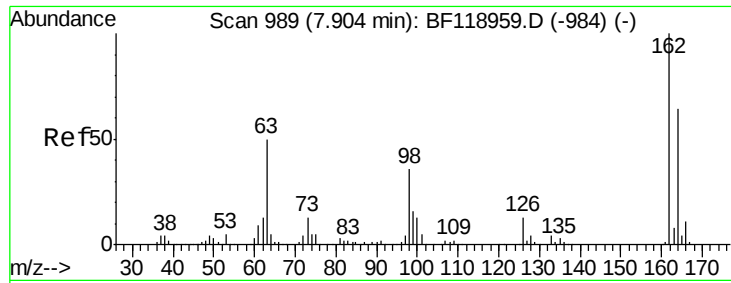
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 45.226 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	12.1	10.2	15.2





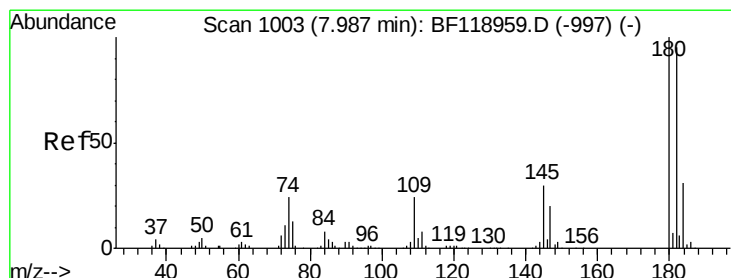
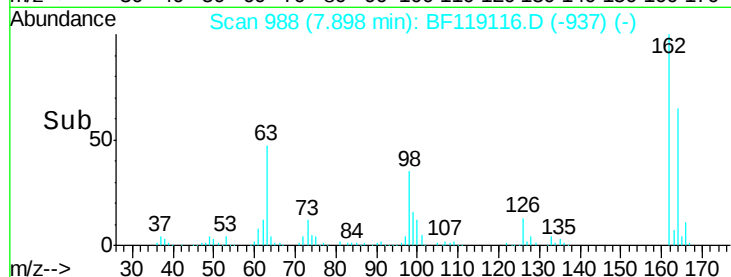
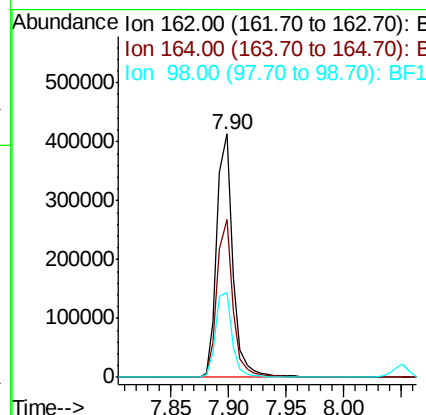
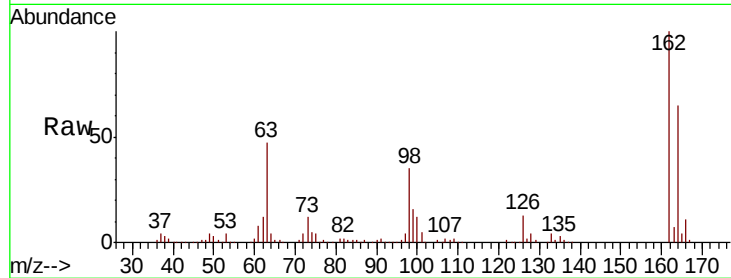
#29
 2,4-Dichlorophenol
 Concen: 46.681 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 GP-02-022420MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.2	85.2
98	34.9	17.4	57.4

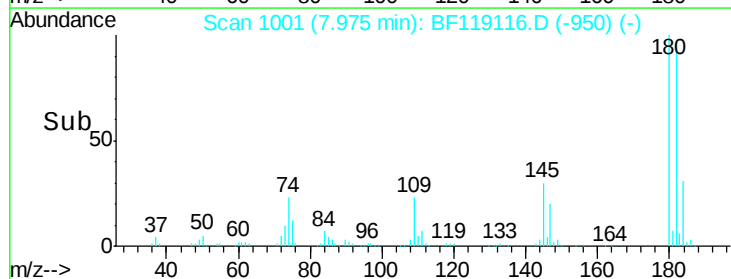
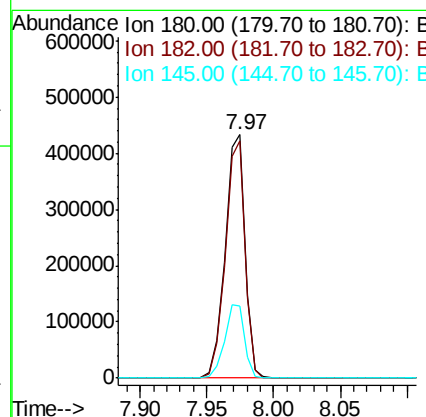
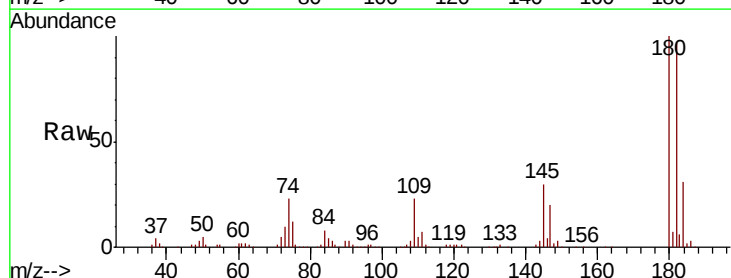
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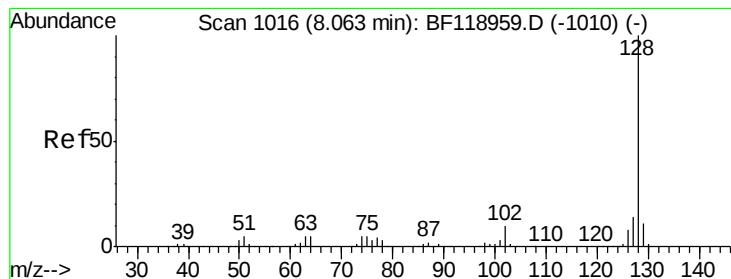
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.747 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.8	116.6
145	29.6	25.2	37.8





#31

Naphthalene

Concen: 47.355 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

GP-02-022420MS

Tot Ion:128 Resp: 1333163

Ion Ratio Lower Upper

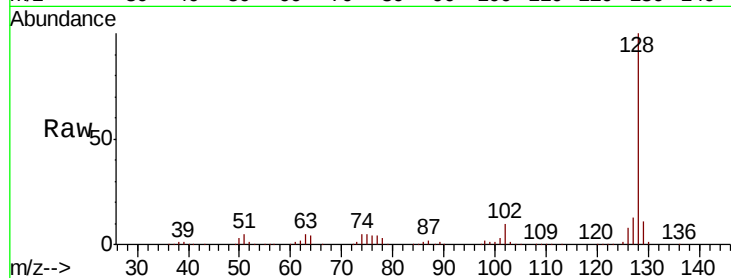
128 100

129 11.2 9.4 14.2

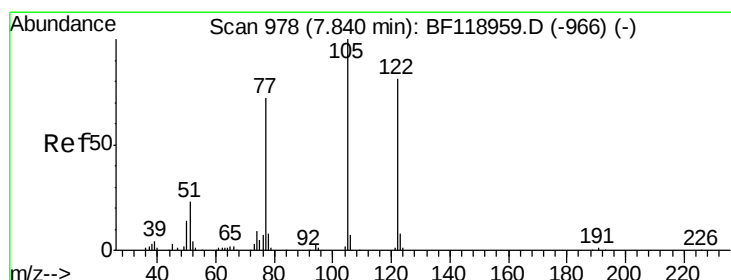
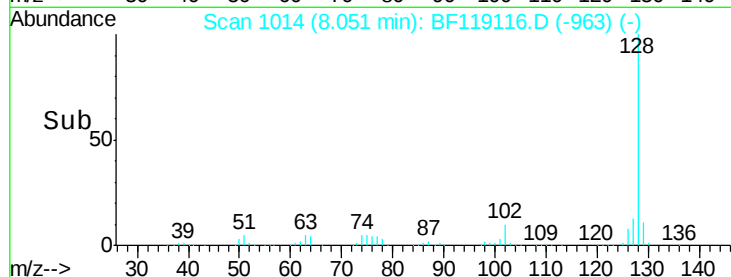
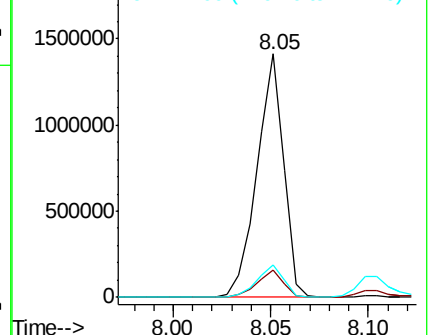
127 13.4 11.4 17.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.653 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

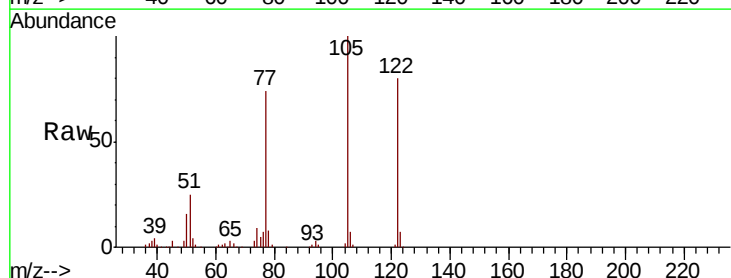
Tgt Ion:122 Resp: 241517

Ion Ratio Lower Upper

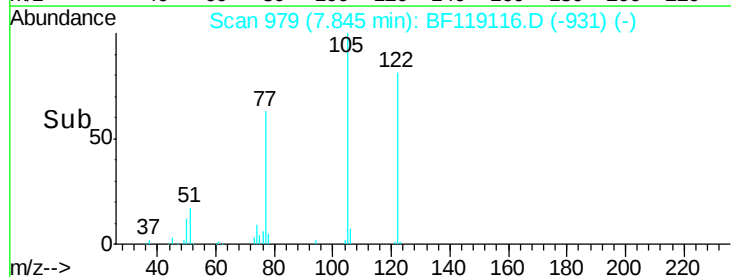
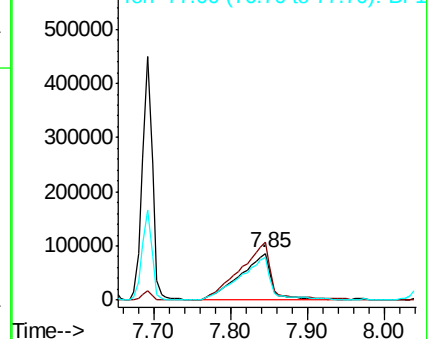
122 100

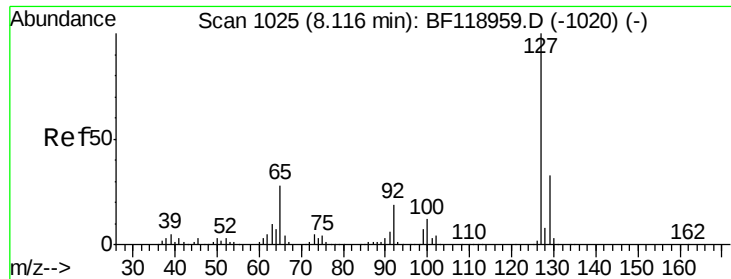
105 125.3 106.3 146.3

77 93.0 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





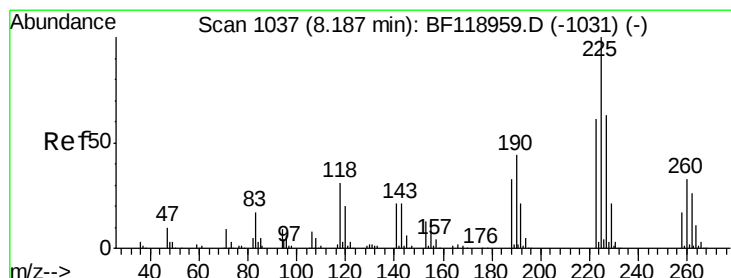
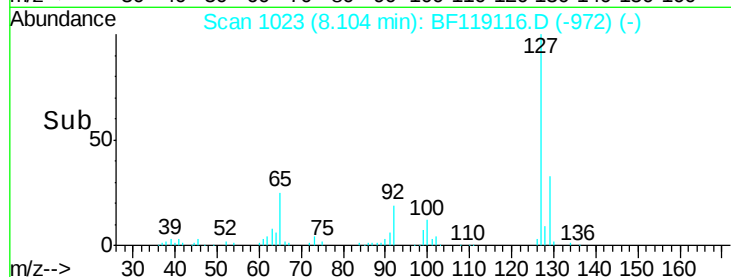
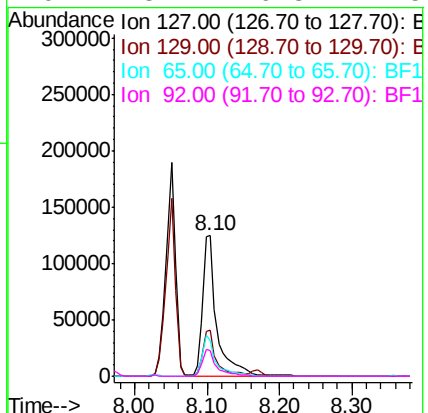
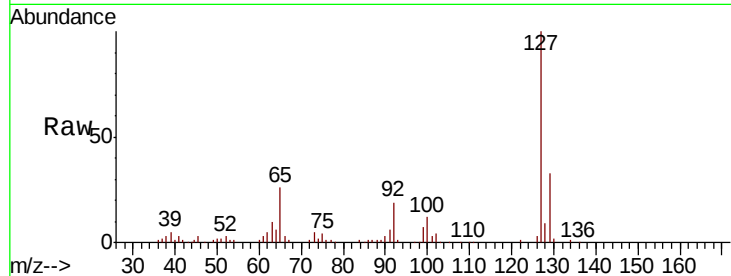
#33
4-Chloroaniline
Concen: 14.179 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	171690		
129	33.3	25.9	38.9	
65	25.9	23.9	35.9	
92	18.7	16.3	24.5	

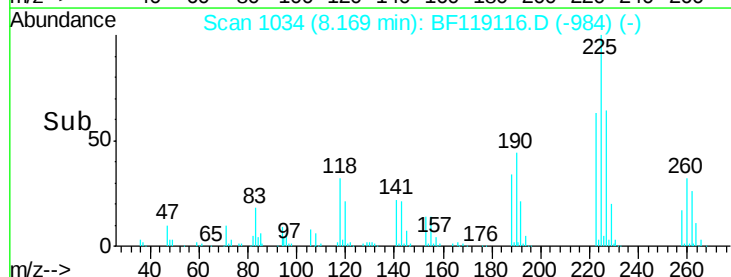
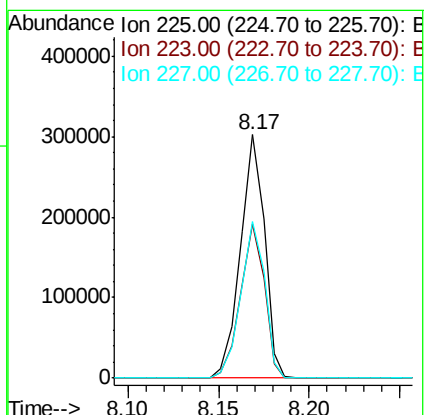
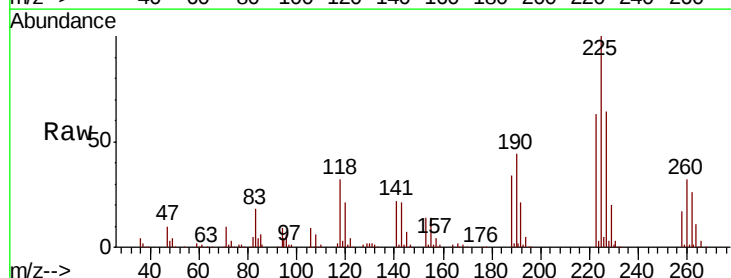
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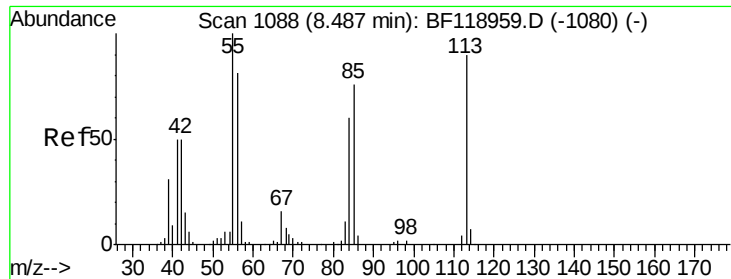
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#34
Hexachlorobutadiene
Concen: 43.989 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	279609		
223	63.3	49.4	74.2	
227	64.2	52.9	79.3	





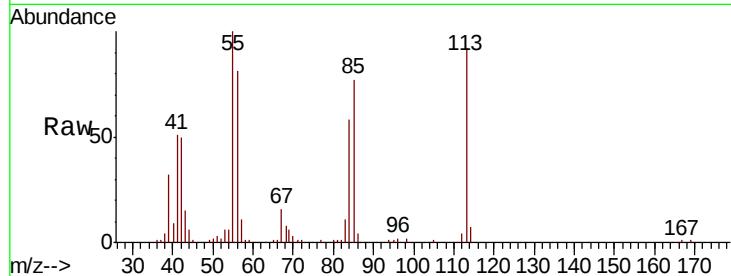
#35
Caprolactam
Concen: 47.008 ng m
RT: 8.48 min Scan# 1087
Delta R.T. -0.02 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

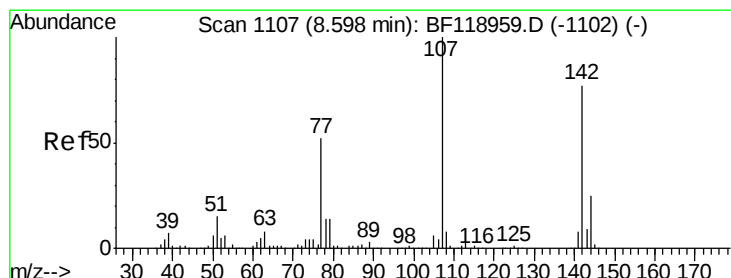
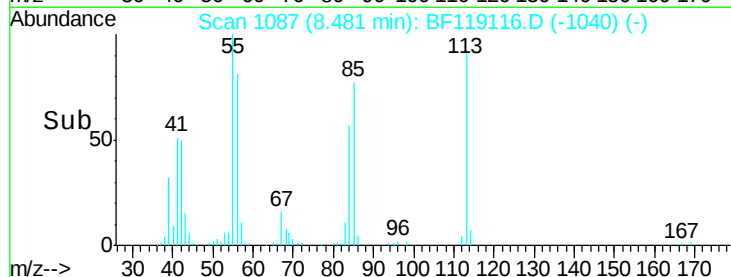
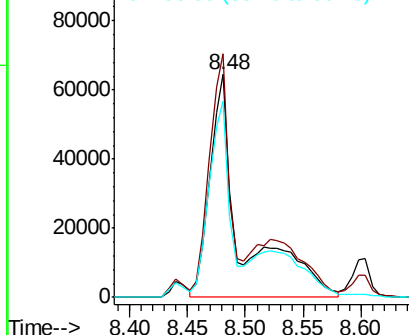
Tot Ion	Ratio	Lower	Upper
113	100		
55	109.2	95.7	135.7
56	88.0	73.1	113.1

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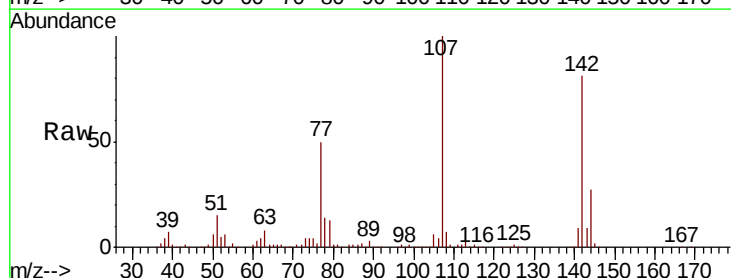


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

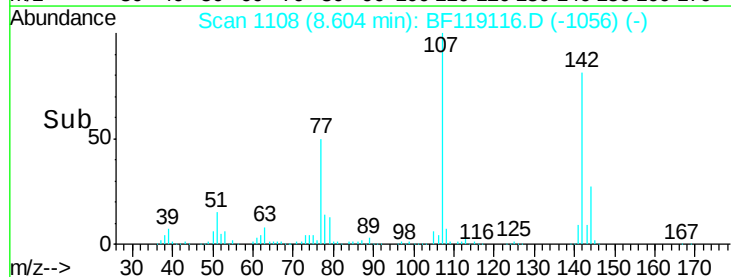
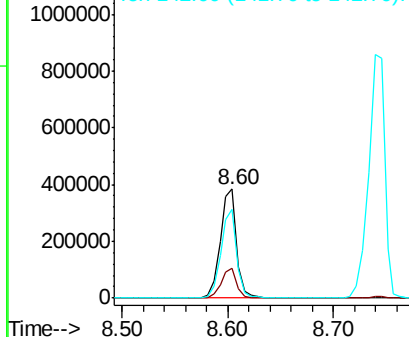


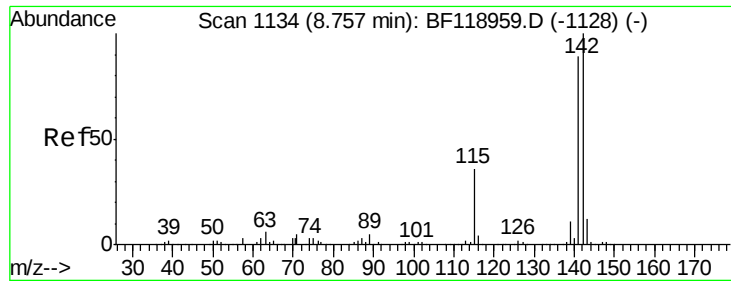
#36
4-Chloro-3-methylphenol
Concen: 47.922 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.1	30.1
142	81.4	61.4	92.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





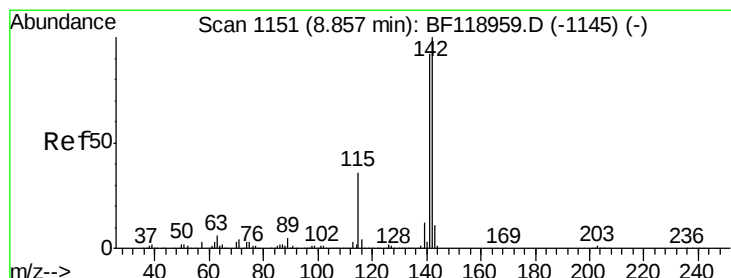
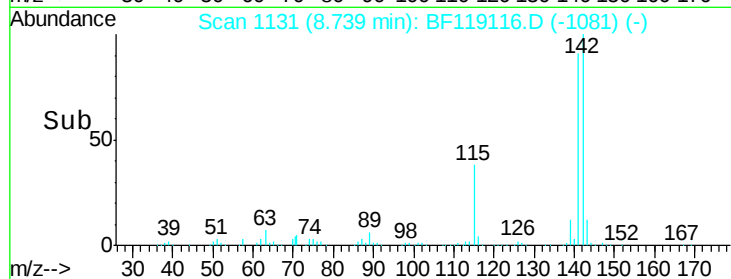
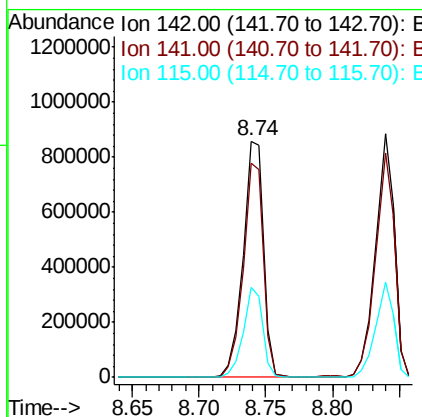
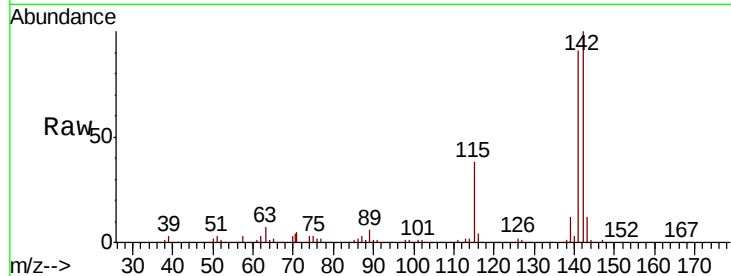
#37
2-Methylnaphthalene
Concen: 47.665 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.3	108.5
115	38.1	30.6	45.8

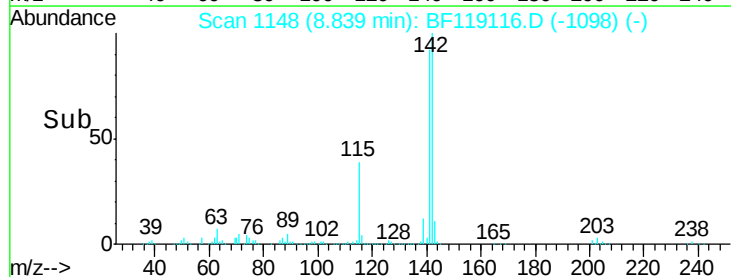
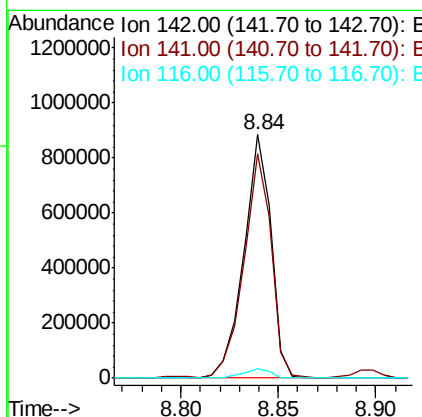
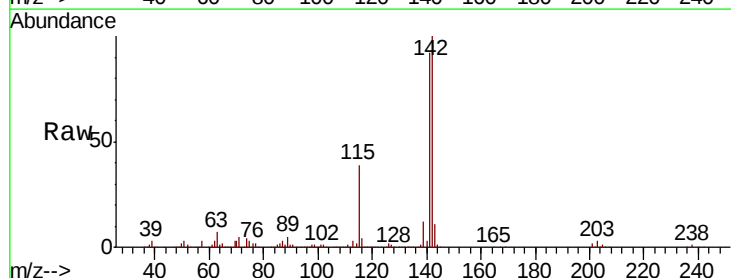
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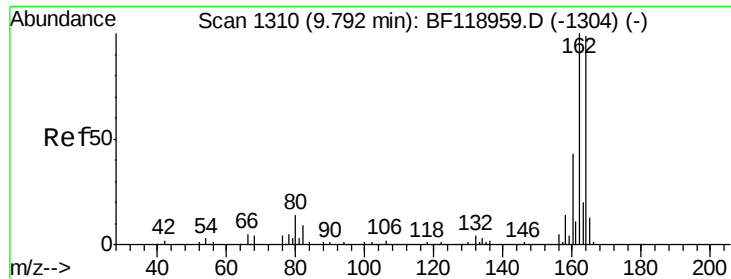
mohammad
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#38
1-Methylnaphthalene
Concen: 47.692 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	75.8	113.6
116	4.0	3.1	4.7





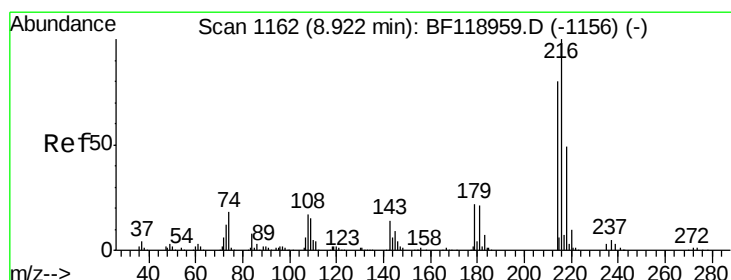
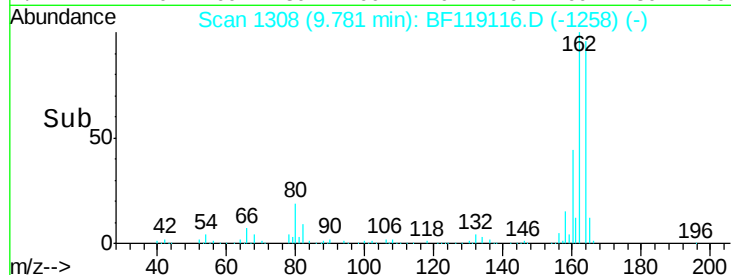
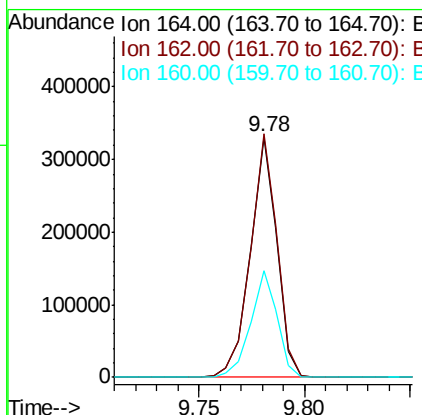
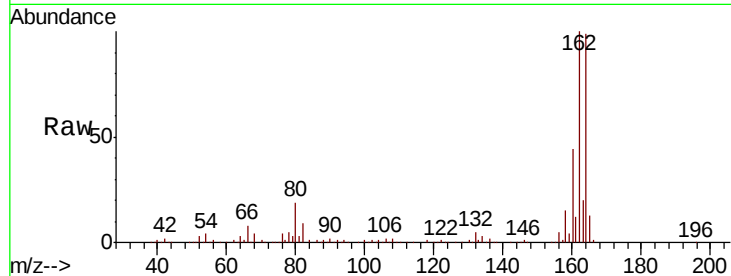
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 GP-02-022420MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	81.8	122.8	
160	44.4	36.0	54.0	

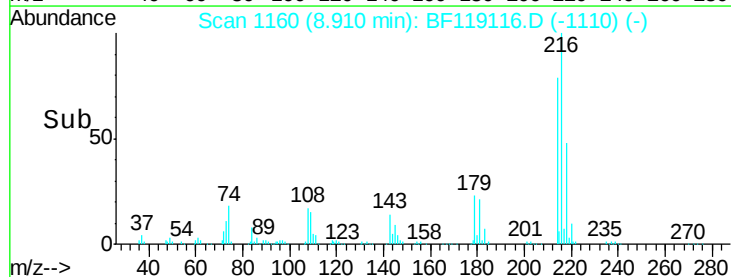
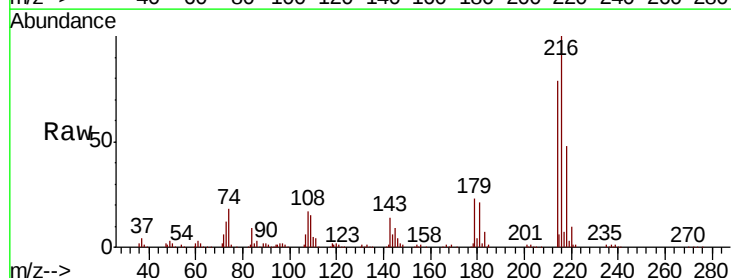
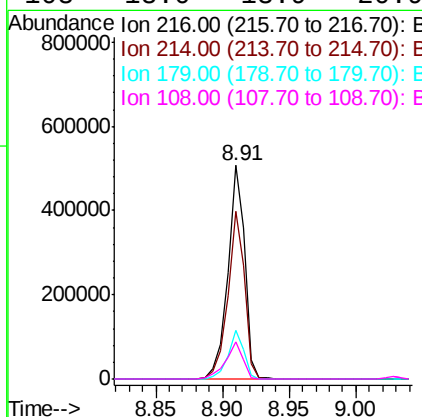
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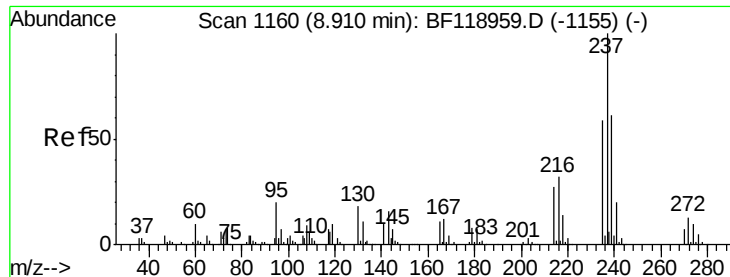
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.456 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.7	63.3	94.9	
179	21.4	17.7	26.5	
108	18.0	13.9	20.9	





#41

Hexachlorocyclopentadiene

Concen: 68.553 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

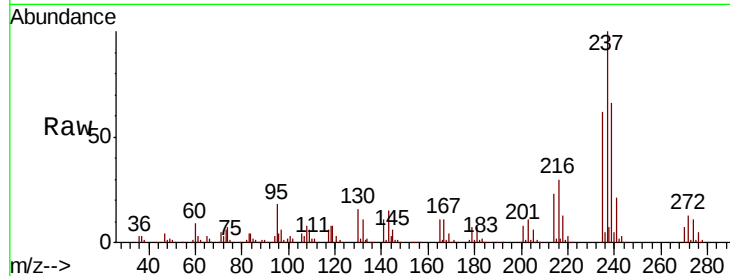
ClientSampleId :

GP-02-022420MS

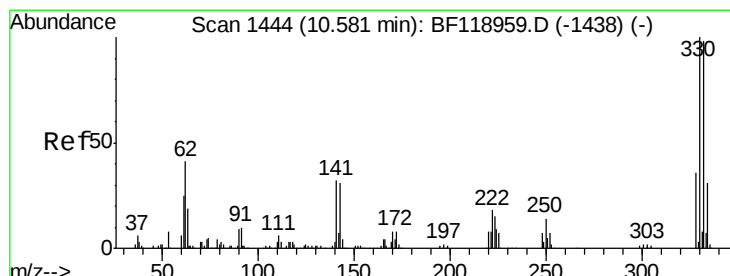
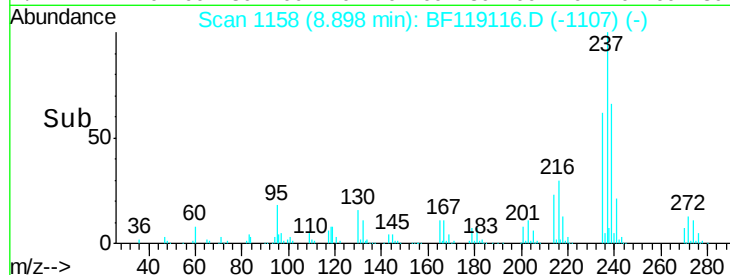
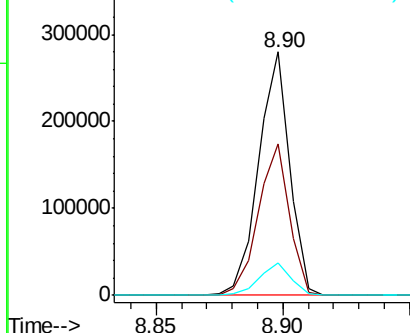
Tot Ion:	237	Resp:	238173
Ion Ratio	Lower	Upper	
237	100		
235	62.1	42.3	82.3
272	13.4	0.0	33.5

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 89.069 ng

RT: 10.57 min Scan# 1443

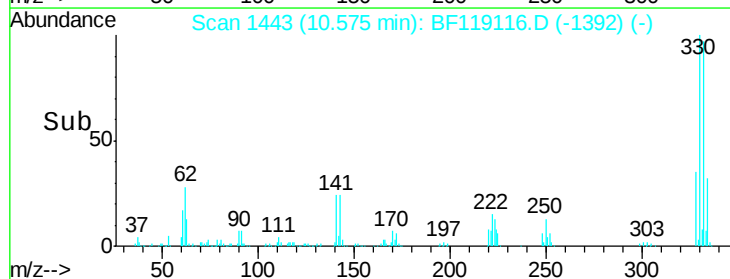
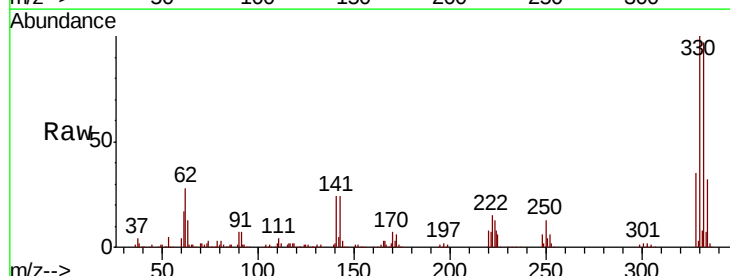
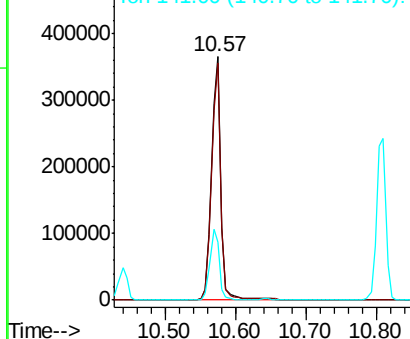
Delta R.T. -0.00 min

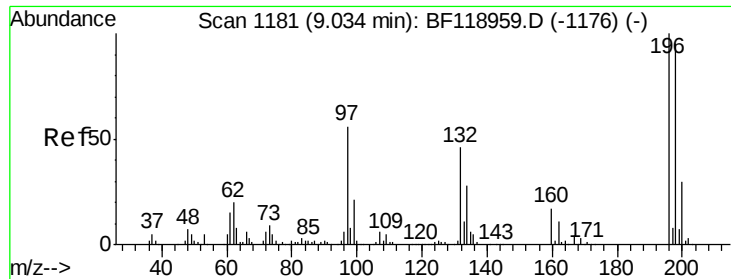
Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Tgt Ion:	330	Resp:	337352
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.0	114.0
141	29.4	22.9	34.3

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





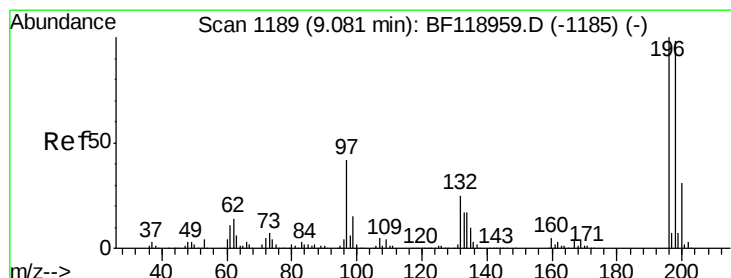
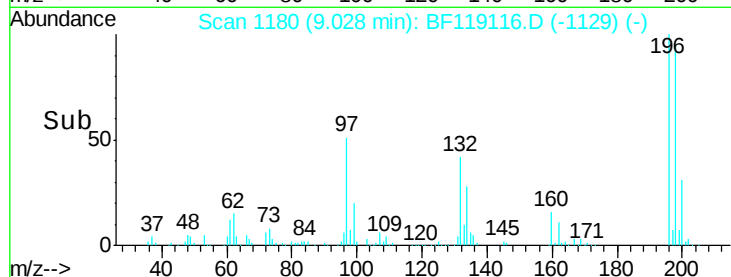
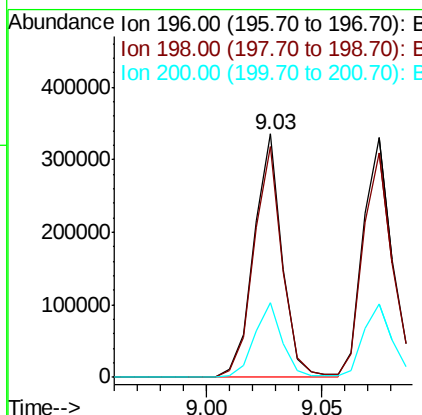
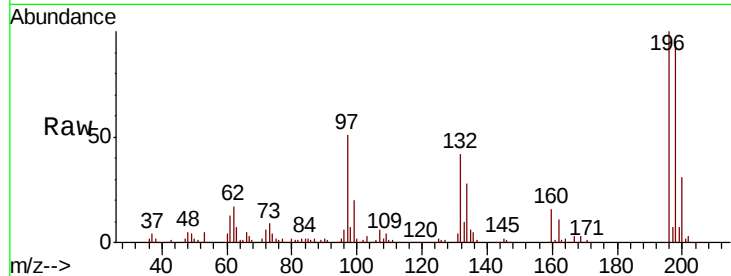
#43
 2,4,6-Trichlorophenol
 Concen: 46.590 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 GP-02-022420MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	287205		
198	94.8	77.1	115.7	
200	30.7	25.0	37.6	

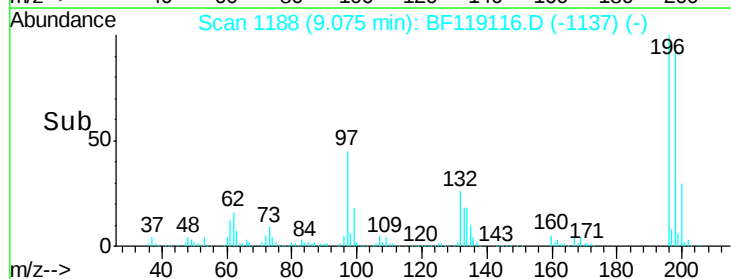
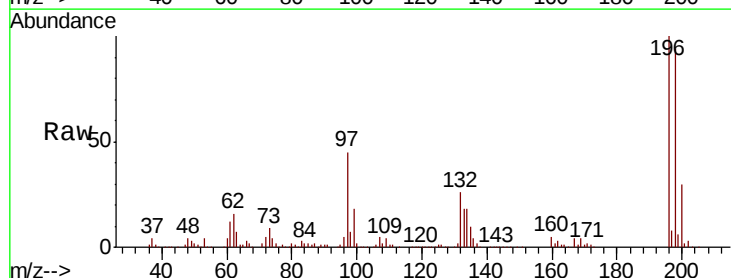
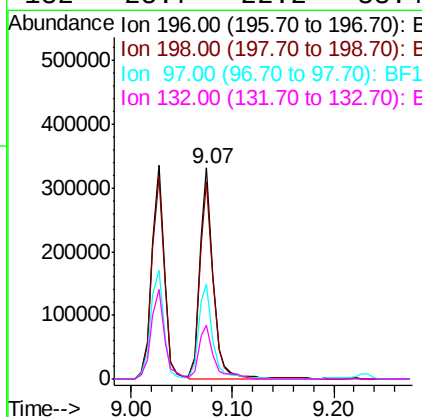
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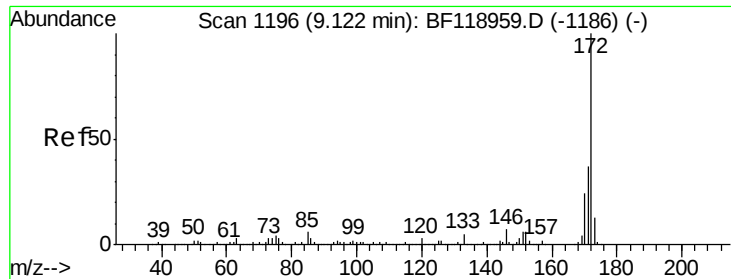
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.599 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	301438		
198	93.6	76.8	115.2	
97	45.2	38.5	57.7	
132	25.7	22.2	33.4	





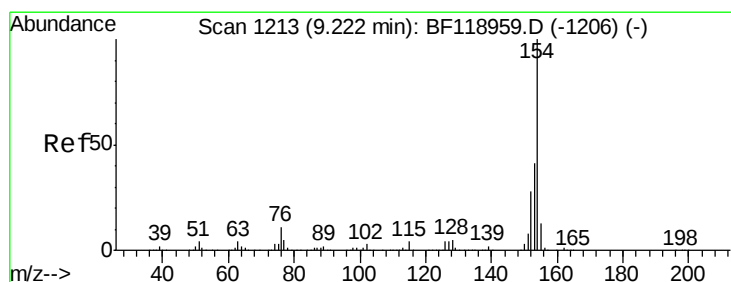
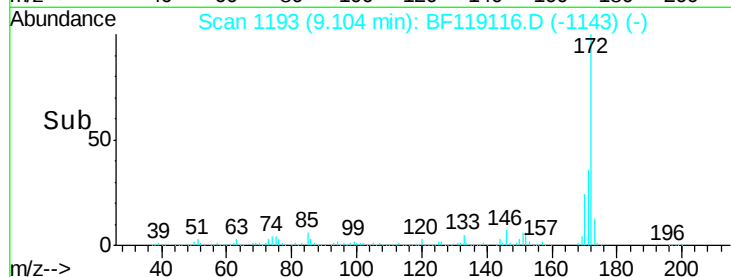
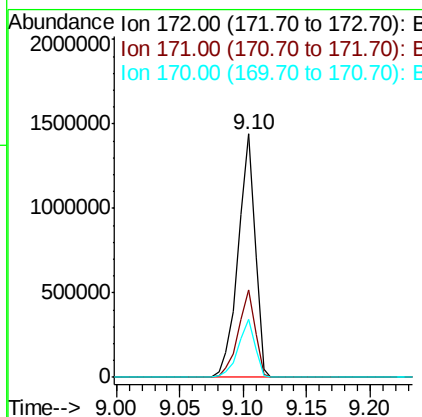
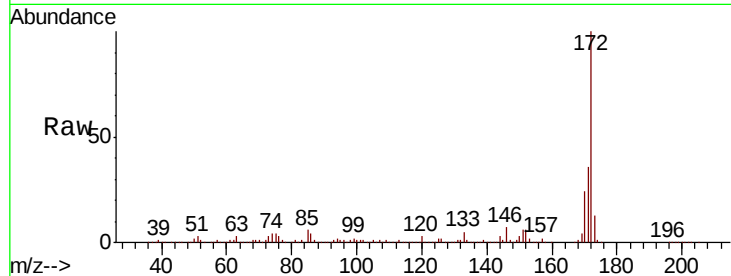
#45
2-Fluorobiphenyl
Concen: 67.146 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	45.8
170	23.8	20.2	30.2

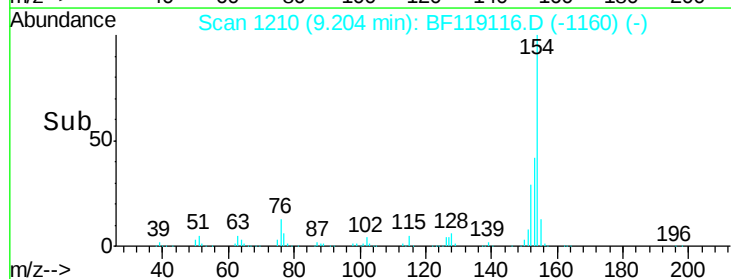
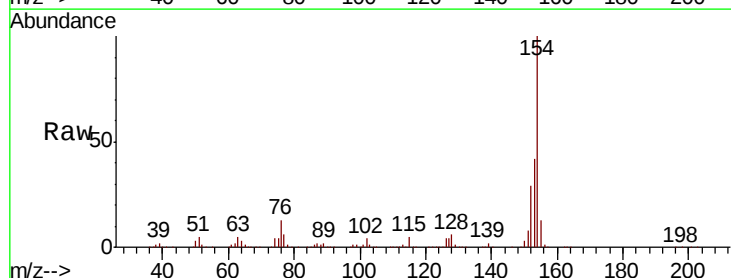
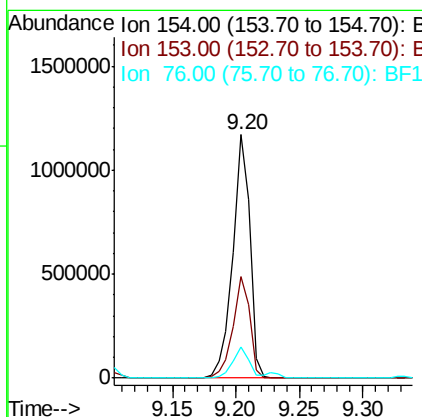
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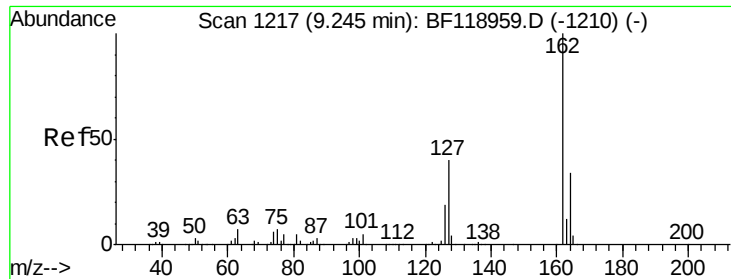
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#46
1,1'-Biphenyl
Concen: 46.238 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.8	62.8
76	12.6	0.0	32.2





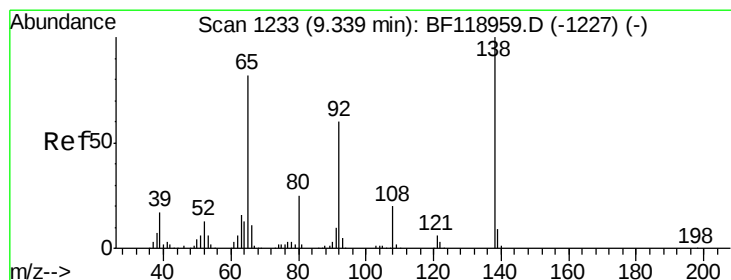
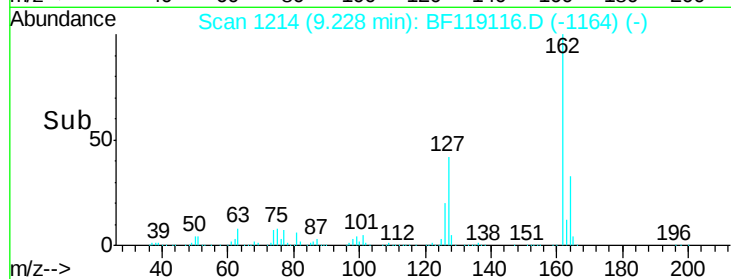
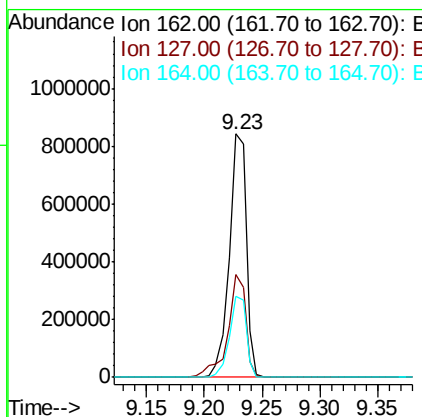
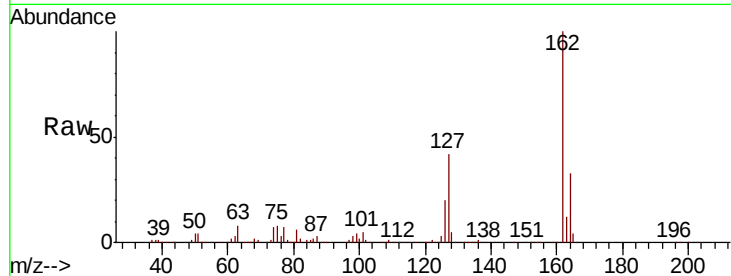
#47
 2-Chloronaphthalene
 Concen: 45.766 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 GP-02-022420MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	862995		
127	42.2		35.0	52.4
164	33.4		27.2	40.8

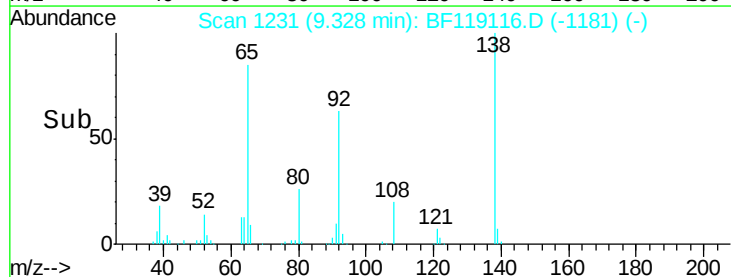
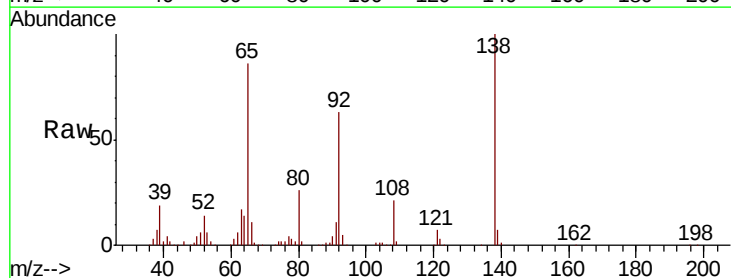
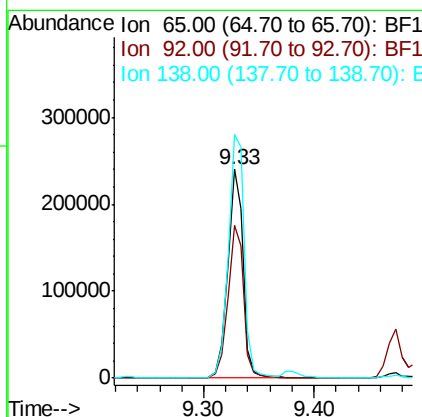
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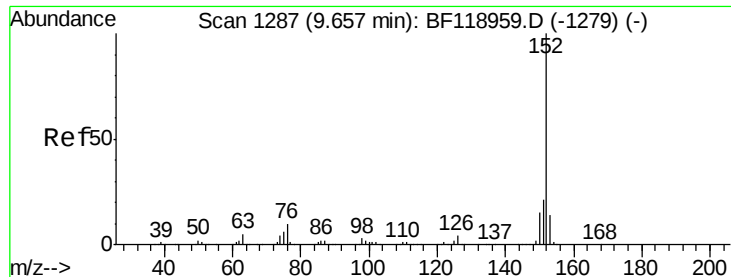
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#48
 2-Nitroaniline
 Concen: 44.850 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	235891		
92	73.5		58.2	87.2
138	116.7		95.6	143.4





#49

Acenaphthylene

Concen: 47.704 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

GP-02-022420MS

Tot Ion:152 Resp: 1299210

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

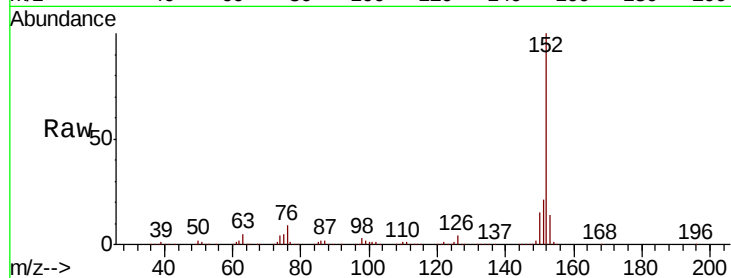
153 13.7 11.0 16.6

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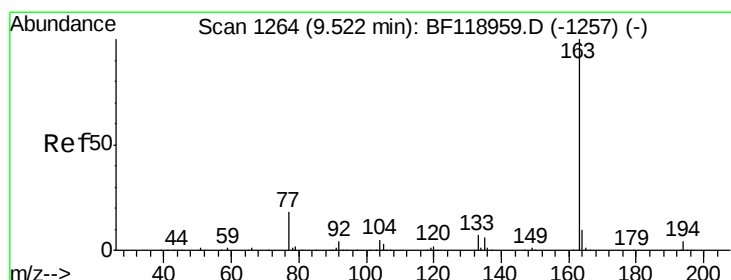
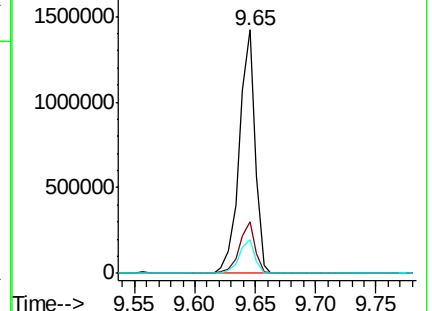
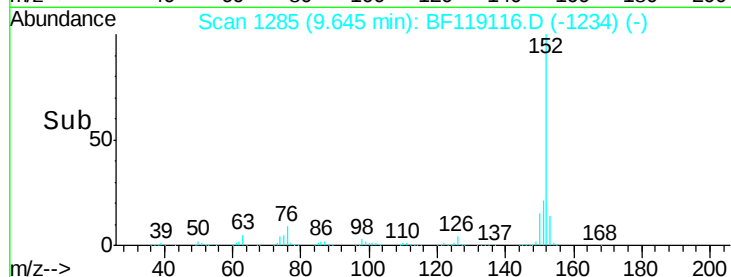
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.225 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

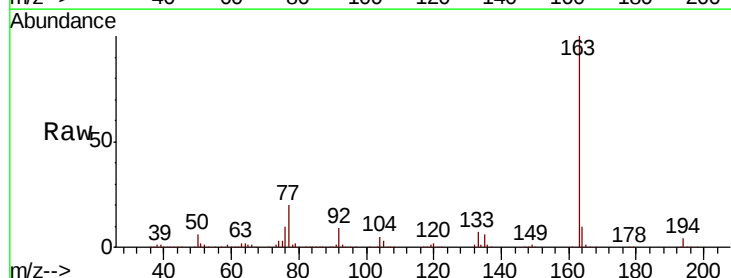
Tgt Ion:163 Resp: 1111978

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

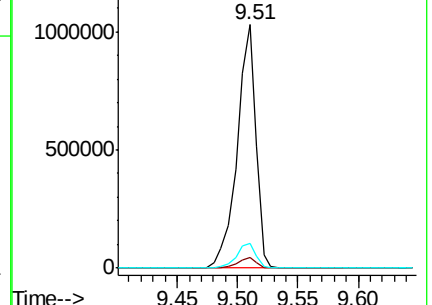
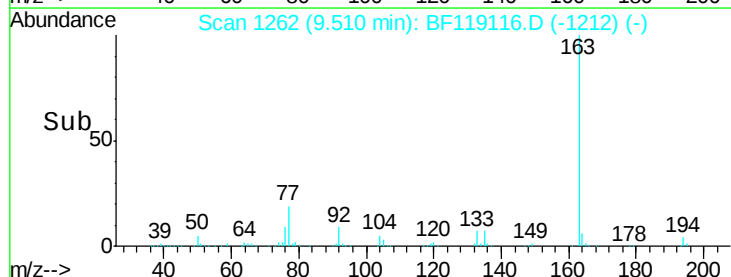
164 10.4 8.4 12.6

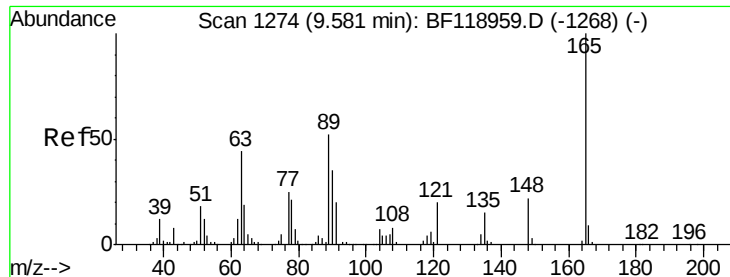


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.490 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

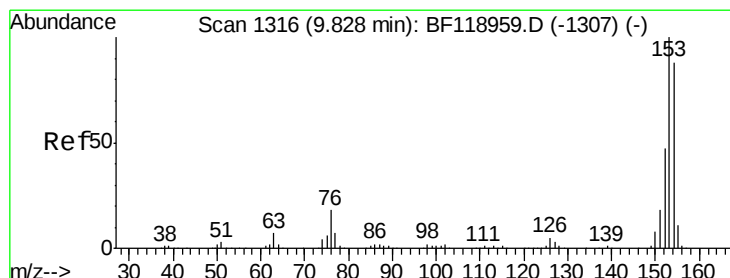
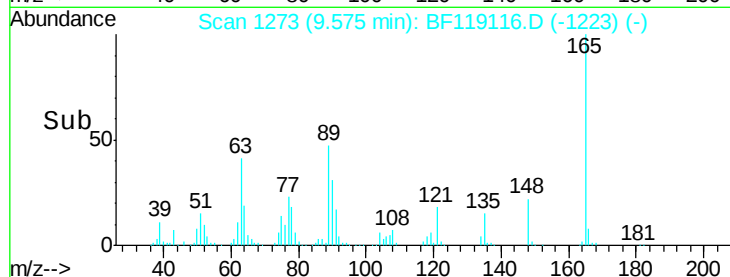
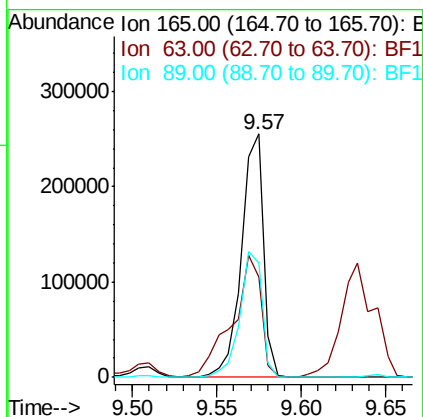
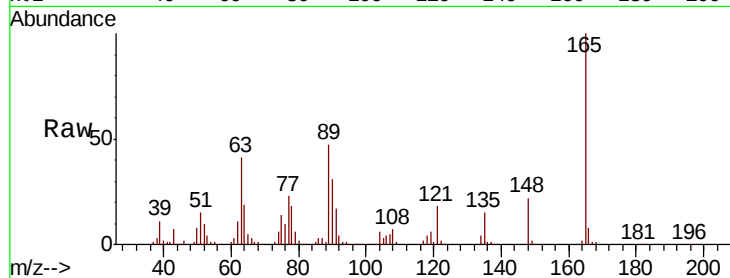
ClientSampleId :

GP-02-022420MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	233595		
63	41.3		34.3	51.5
89	46.8		38.3	57.5

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#52

Acenaphthene

Concen: 46.655 ng

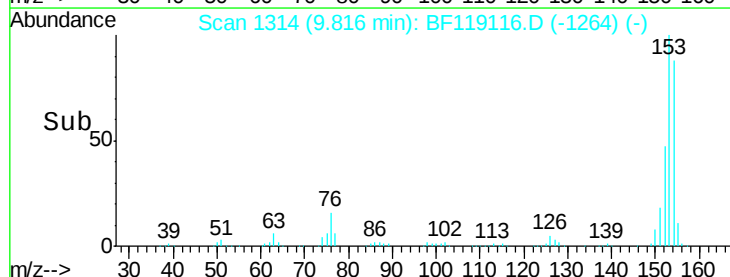
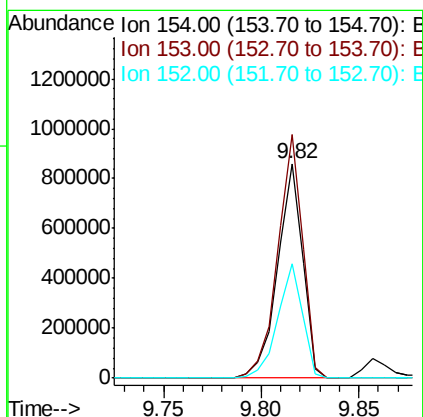
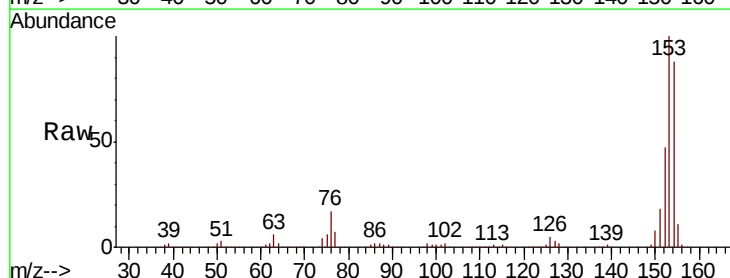
RT: 9.82 min Scan# 1314

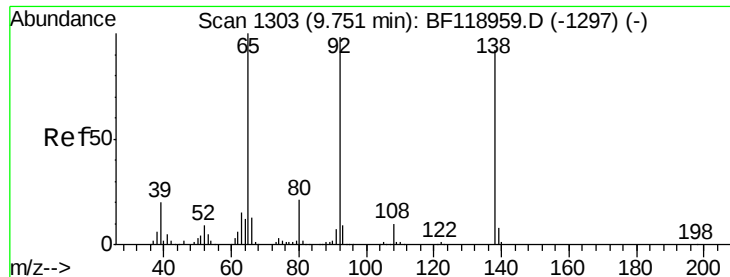
Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	766184		
153	113.5		90.3	135.5
152	53.6		43.8	65.8





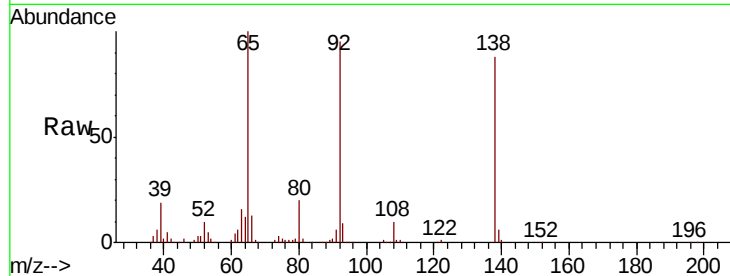
#53
3-Nitroaniline
Concen: 20.454 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

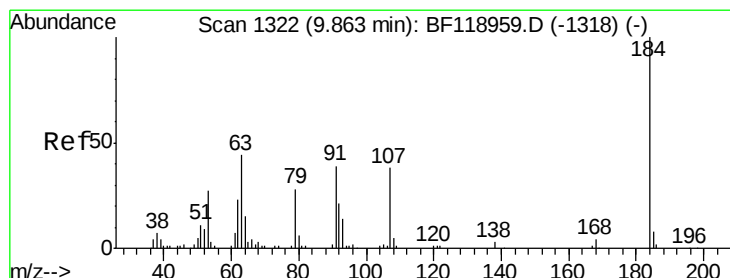
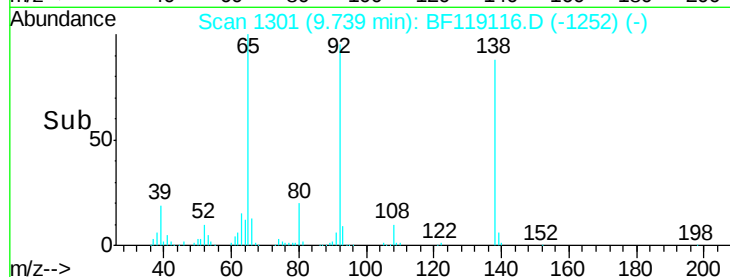
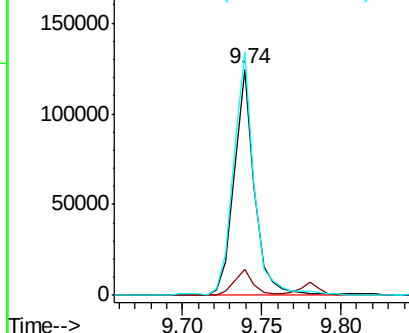
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.8	13.2
92	107.8	84.8	127.2

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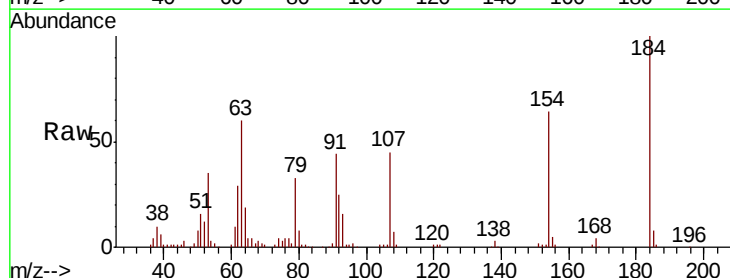


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

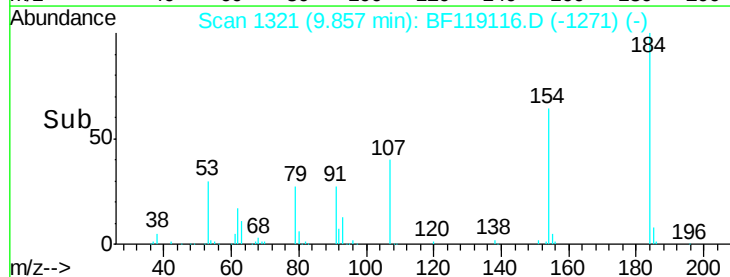
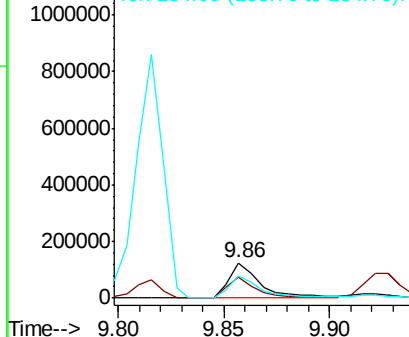


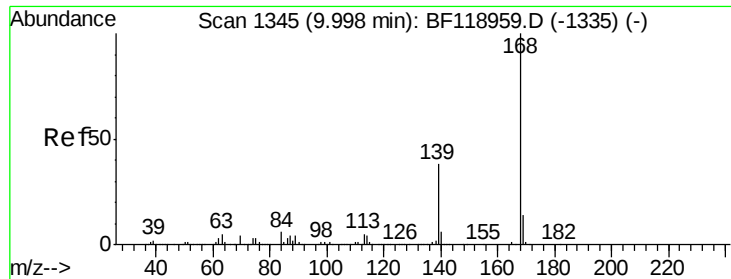
#54
2,4-Dinitrophenol
Concen: 56.418 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.1	38.7	58.1#
154	64.4	49.7	74.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





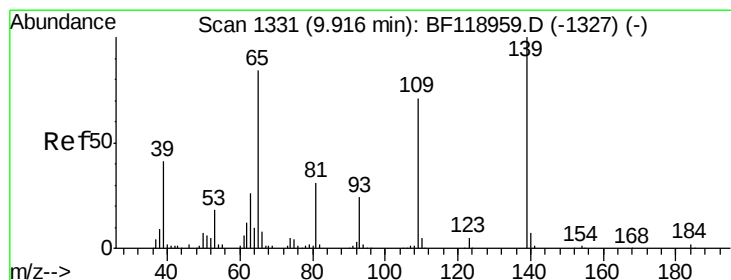
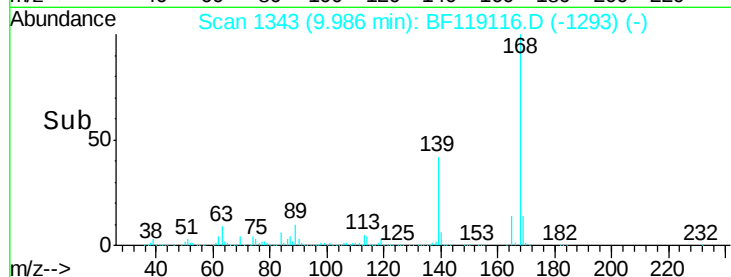
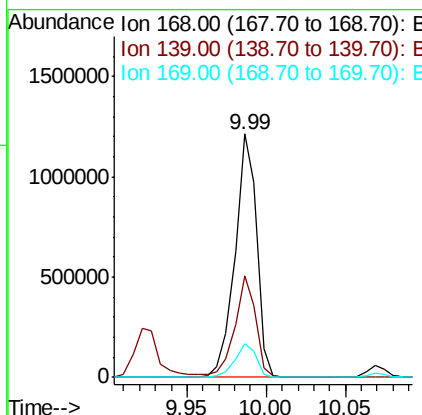
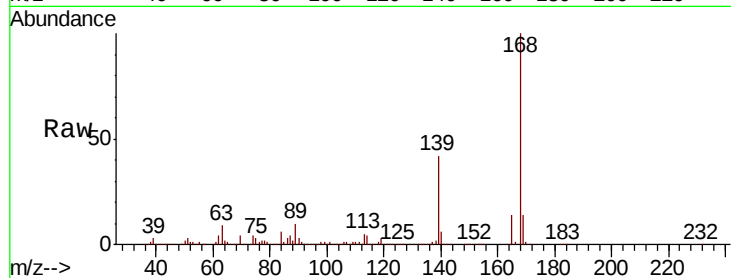
#55
Dibenzenofuran
Concen: 46.965 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.7	34.0	51.0
169	14.0	11.0	16.4

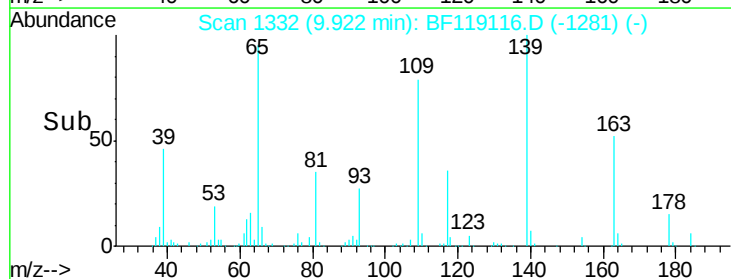
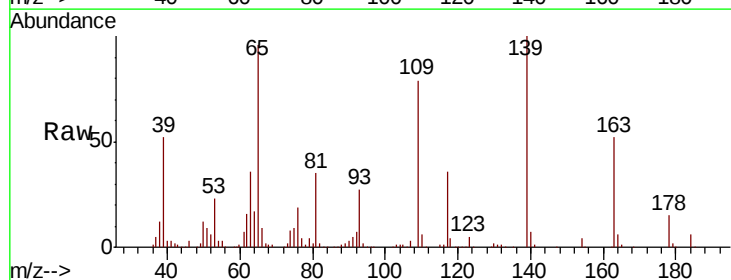
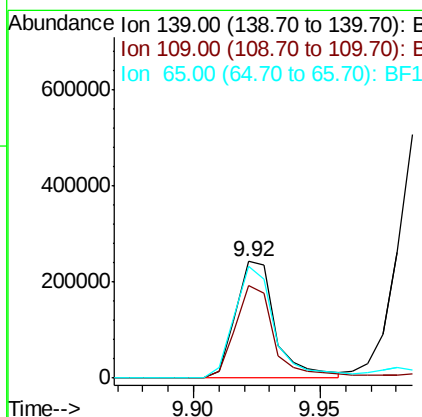
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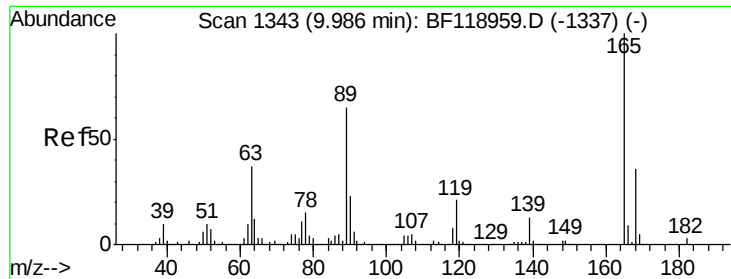
mohammad
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#56
4-Nitrophenol
Concen: 81.515 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.3	56.7	96.7
65	95.7	65.0	105.0





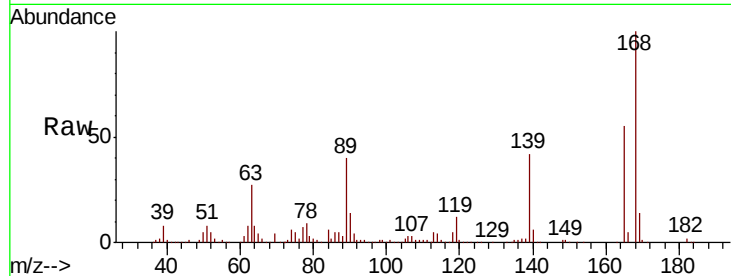
#57
 2,4-Dinitrotoluene
 Concen: 45.386 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 GP-02-022420MS

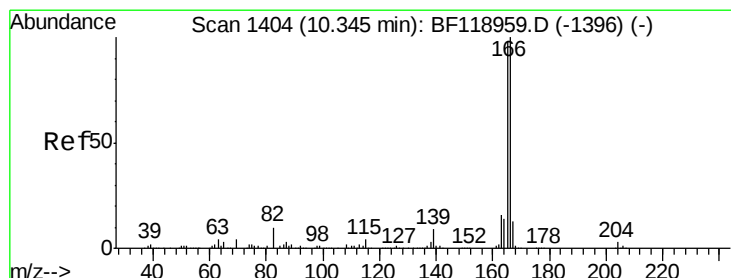
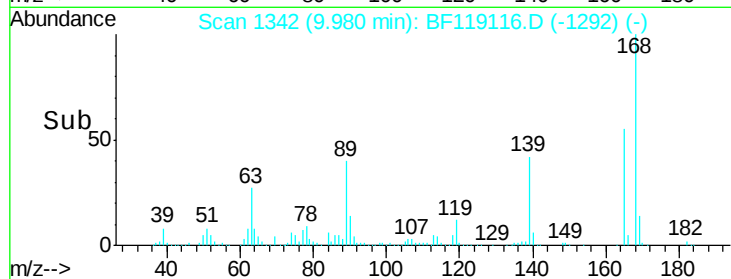
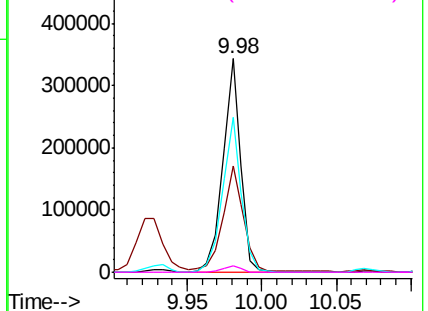
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		289370		
63	49.7	42.3	63.5		
89	72.8	60.2	90.4		
182	3.2	2.3	3.5		

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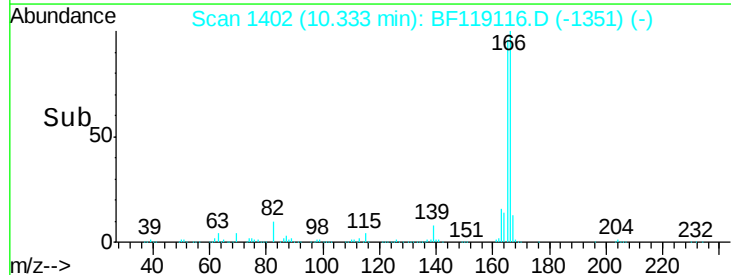
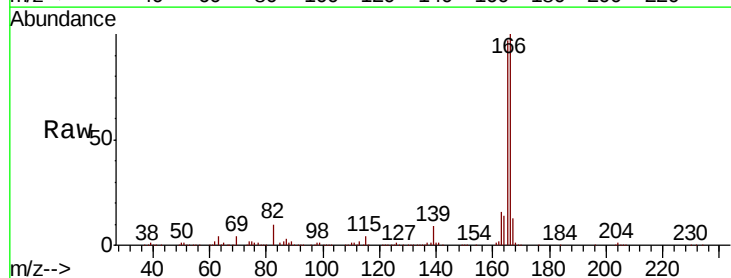
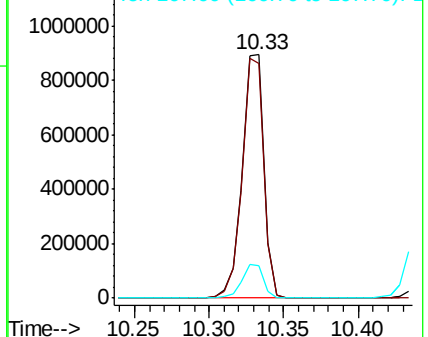
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

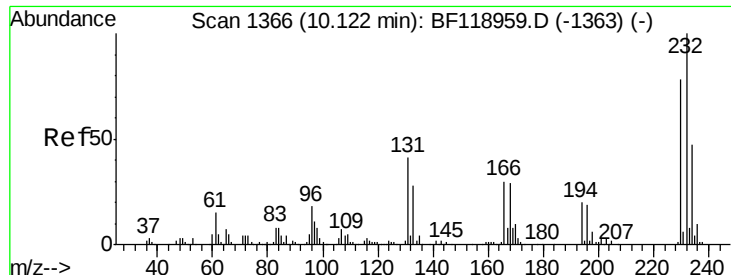


#58
 Fluorene
 Concen: 47.246 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		899894		
165	96.5	78.5	117.7		
167	13.3	11.0	16.4		

Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





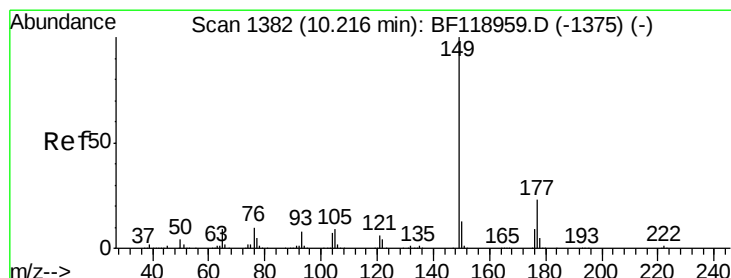
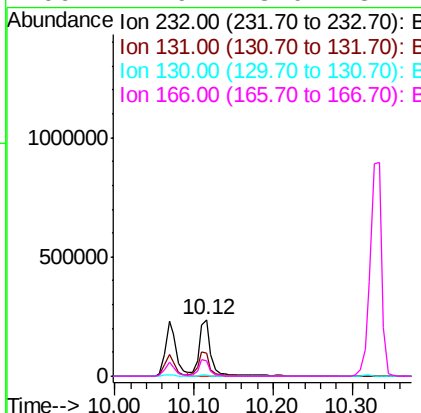
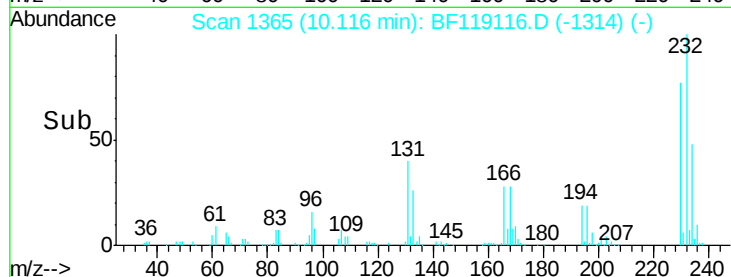
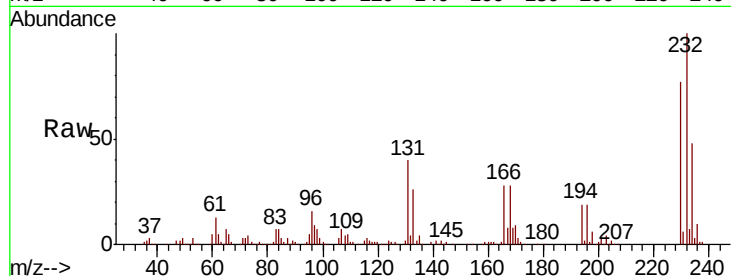
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.362 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		253059		
131	40.5	33.8	50.8		
130	2.2	1.8	2.6		
166	27.6	23.0	34.4		

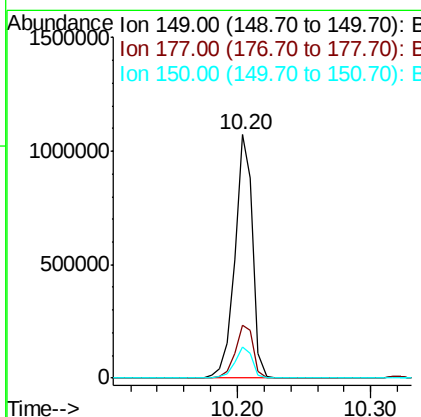
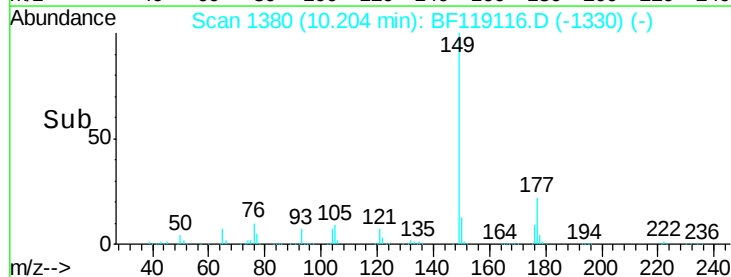
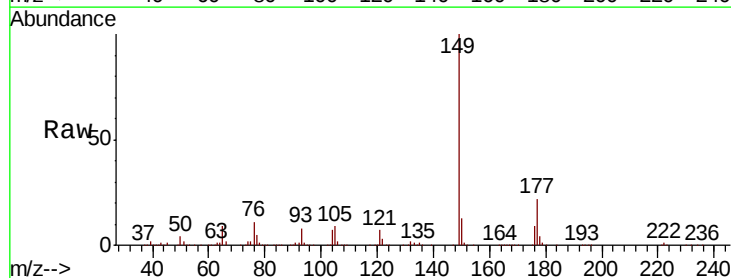
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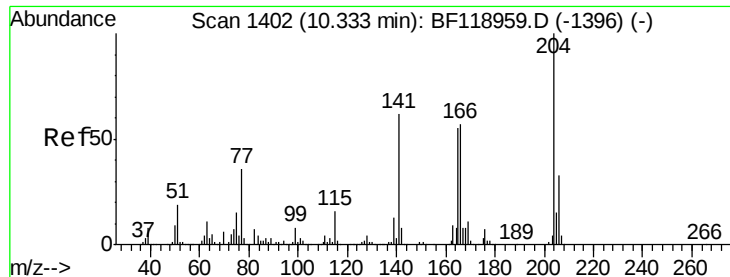
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#60
Diethylphthalate
Concen: 47.461 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		990228		
177	22.0	18.2	27.2		
150	13.0	10.5	15.7		





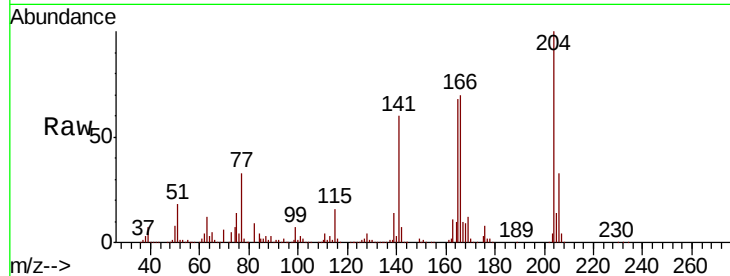
#61
4-Chlorophenyl-phenylether
Concen: 46.865 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.1	40.7
141	59.7	52.9	79.3

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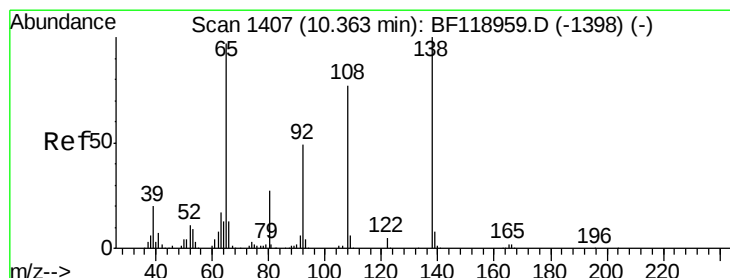
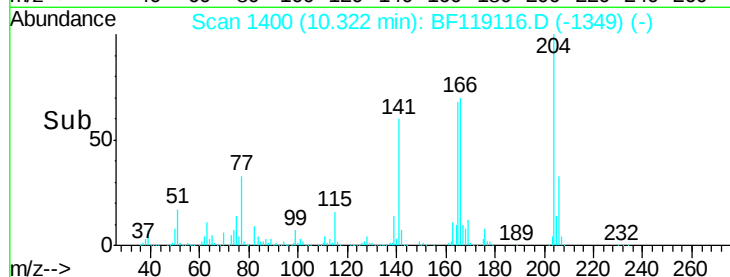
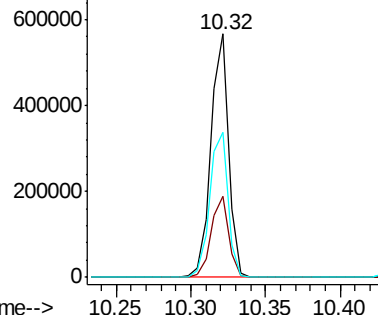


Abundance

Ion 204.00 (203.70 to 204.70): E

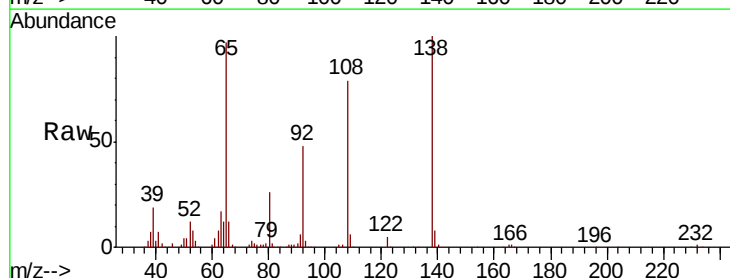
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.566 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	27.3	67.3
108	78.8	57.0	97.0

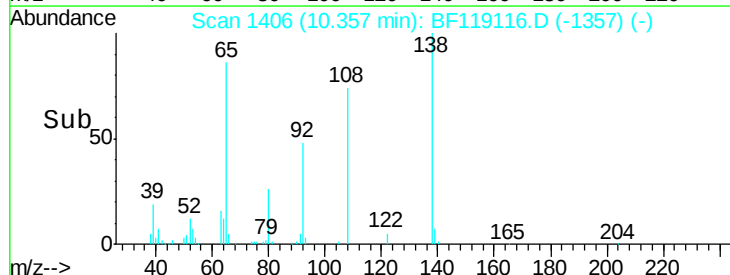
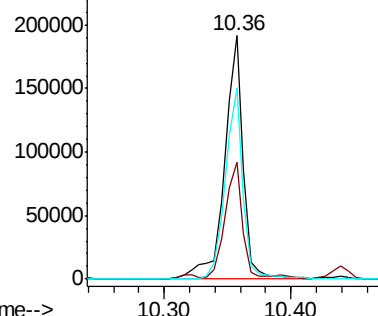


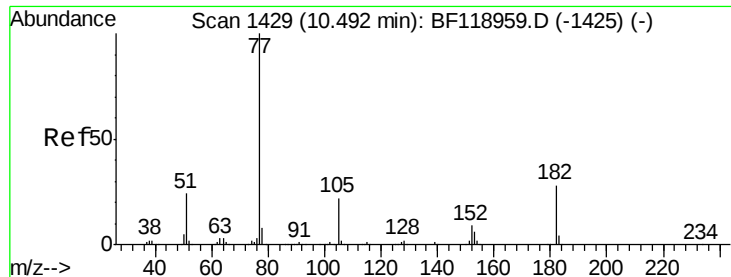
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





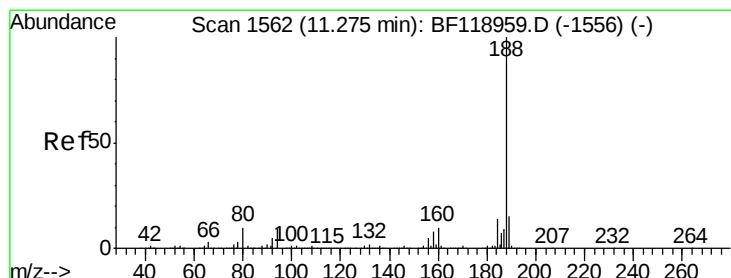
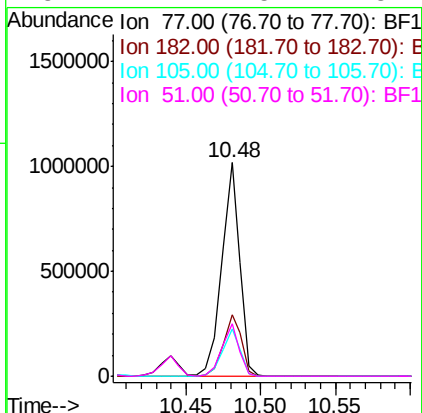
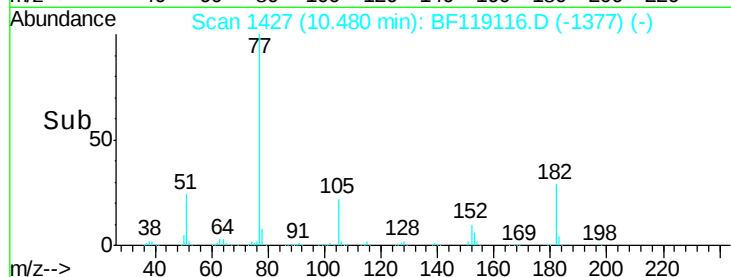
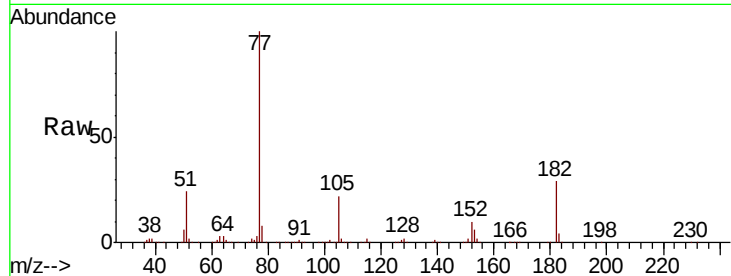
#63
Azobenzene
Concen: 47.769 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.5	11.4	51.4	
105	22.3	3.4	43.4	
51	24.4	5.1	45.1	

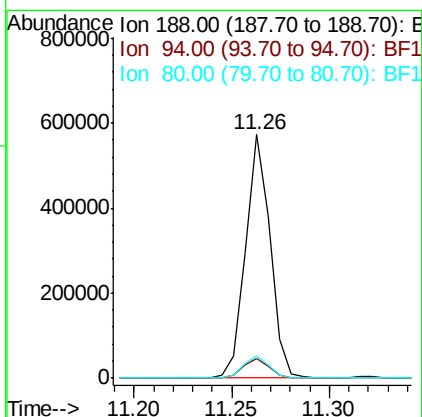
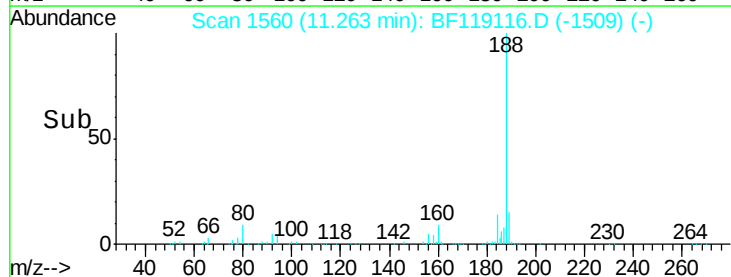
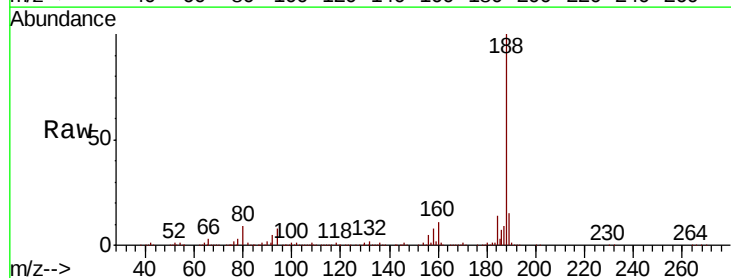
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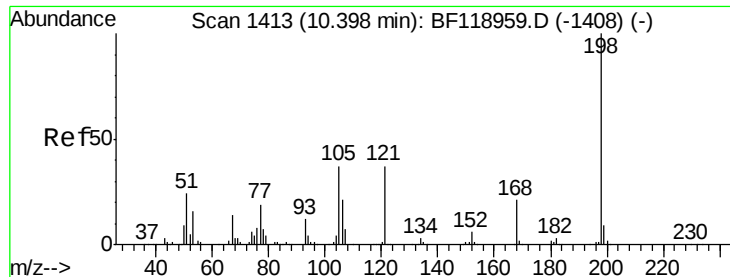
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	7.1	10.7	
80	9.2	7.8	11.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 39.366 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

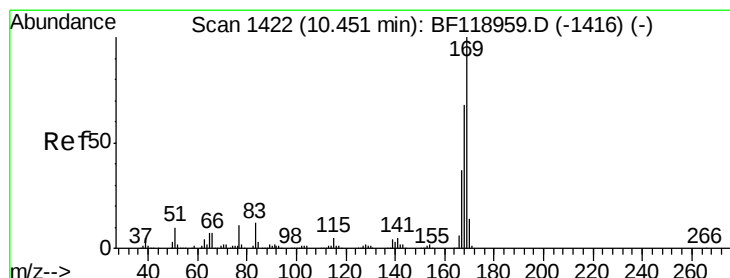
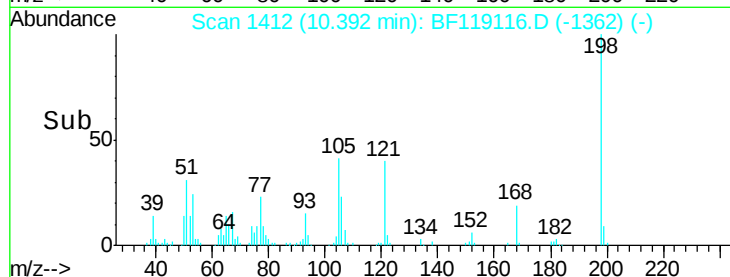
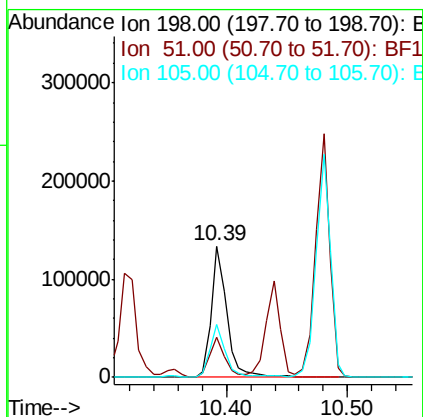
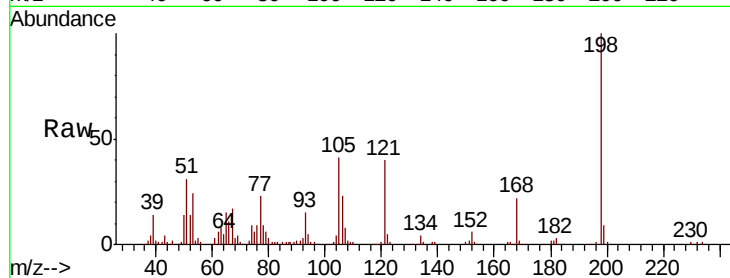
ClientSampleId :

GP-02-022420MS

Tot Ion:	198	Resp:	119488
Ion Ratio	Lower	Upper	
198	100		
51	31.1	14.2	54.2
105	40.5	22.7	62.7

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#66

n-Nitrosodiphenylamine

Concen: 49.649 ng

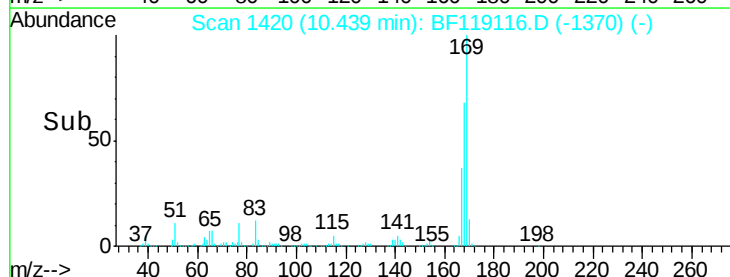
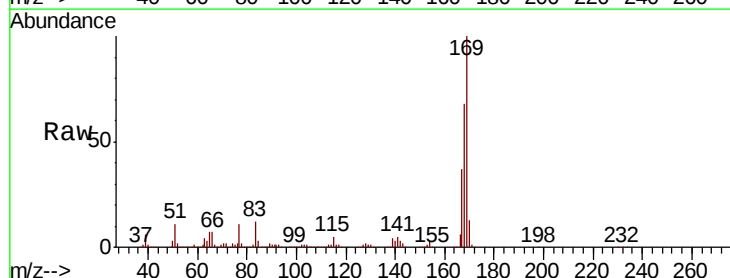
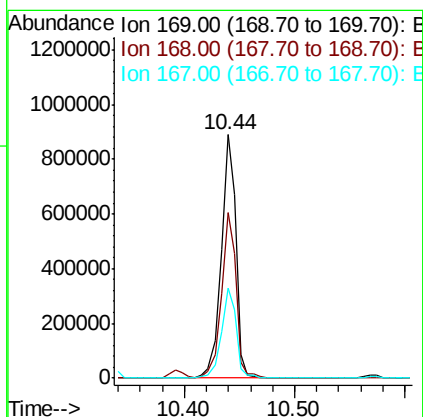
RT: 10.44 min Scan# 1420

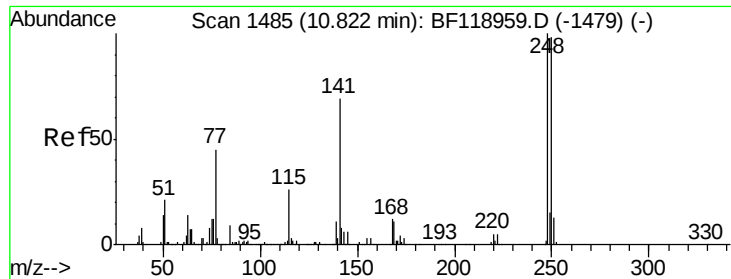
Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Tgt Ion:	169	Resp:	815447
Ion Ratio	Lower	Upper	
169	100		
168	68.1	54.1	81.1
167	37.1	29.4	44.0





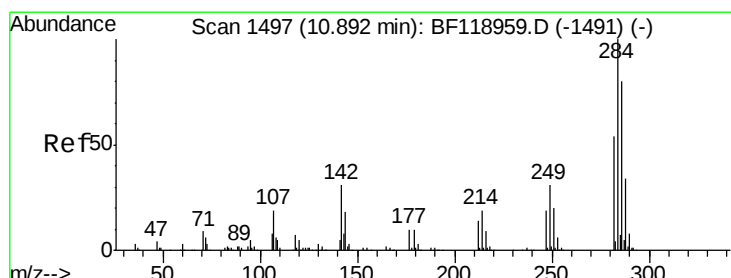
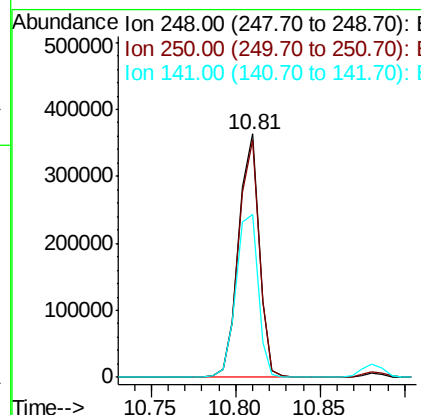
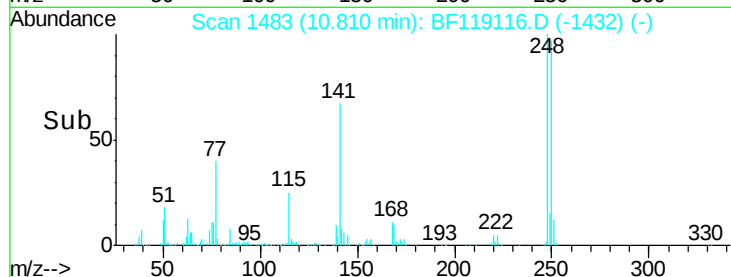
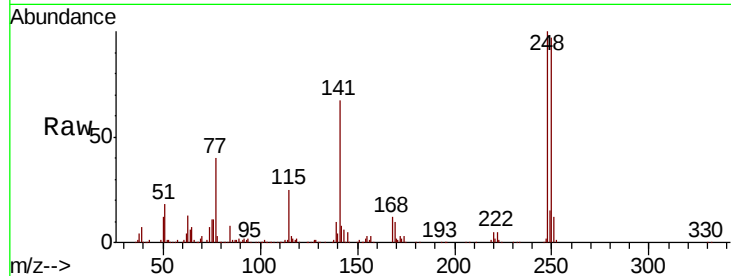
#67
4-Bromophenyl-phenylether
Concen: 47.094 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.7	115.1
141	66.7	60.7	91.1

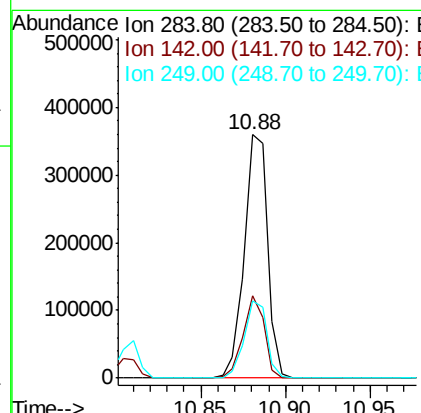
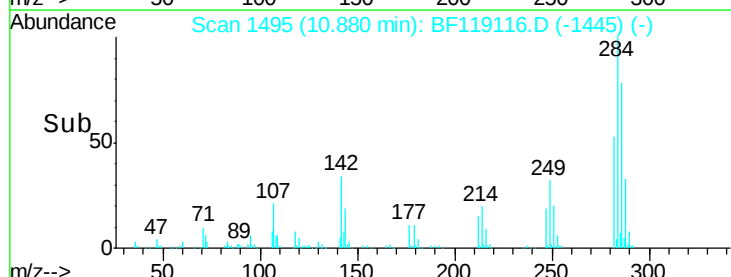
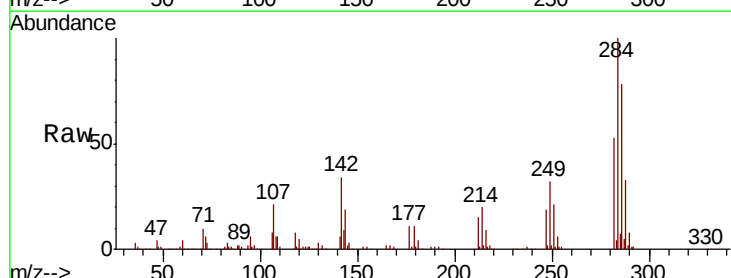
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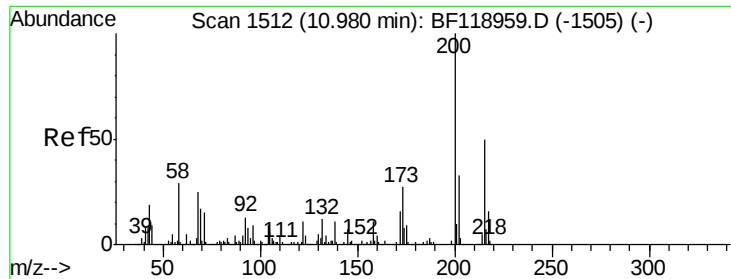
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#68
Hexachlorobenzene
Concen: 45.752 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	23.7	35.5
249	31.7	25.0	37.6





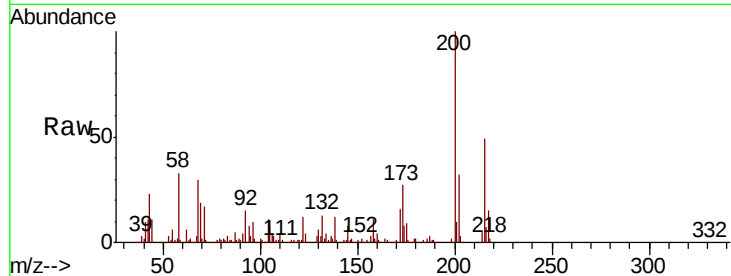
#69
Atrazine
Concen: 50.125 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

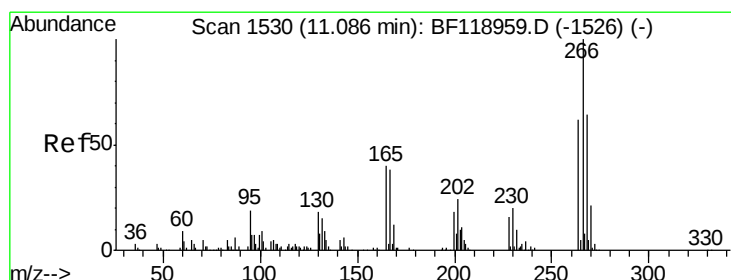
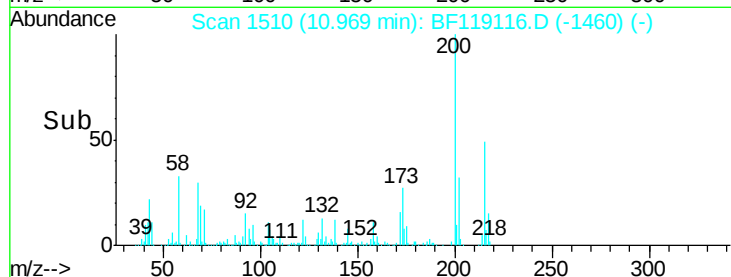
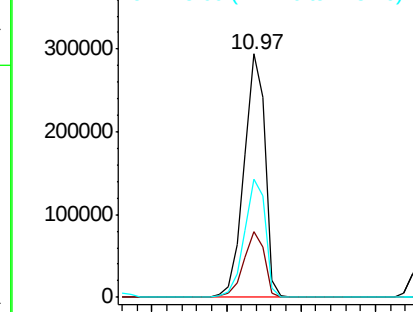
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.1	6.4	46.4
215	48.6	27.4	67.4

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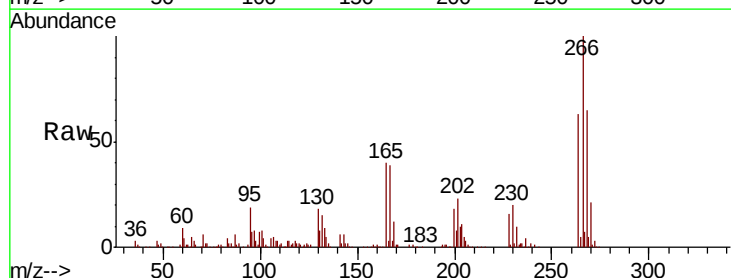


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

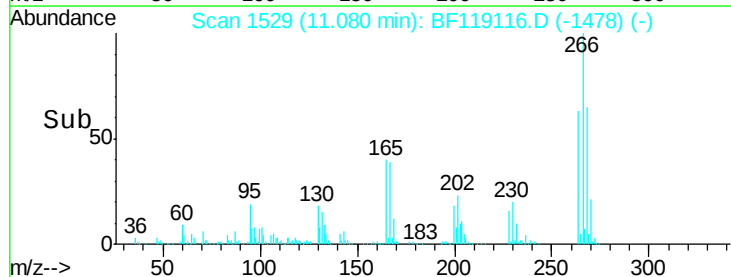
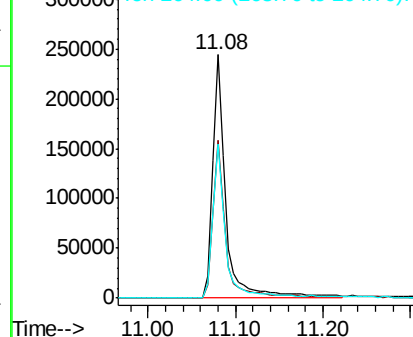


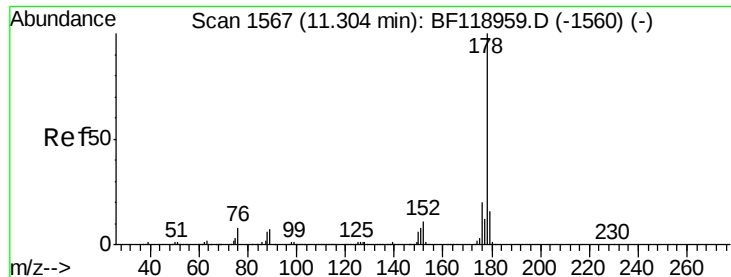
#70
Pentachlorophenol
Concen: 85.331 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.9	51.9	77.9
264	63.3	51.0	76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





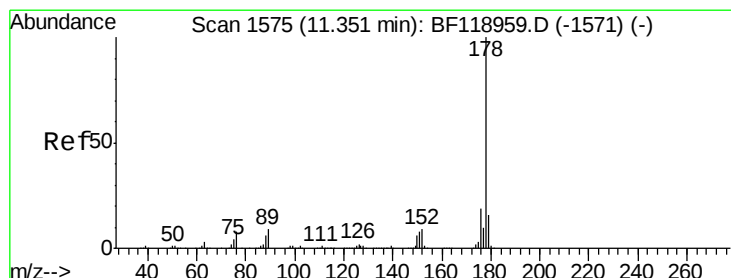
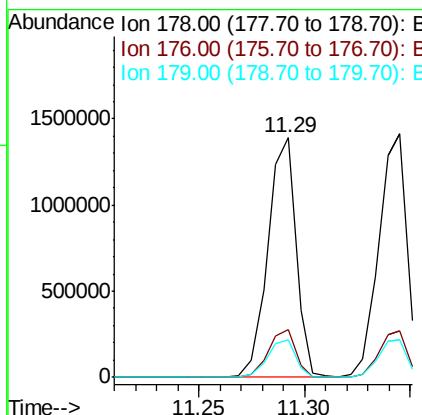
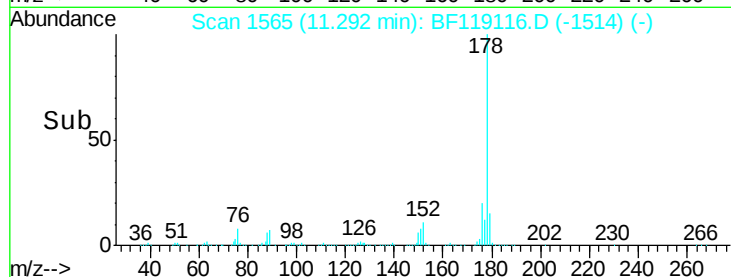
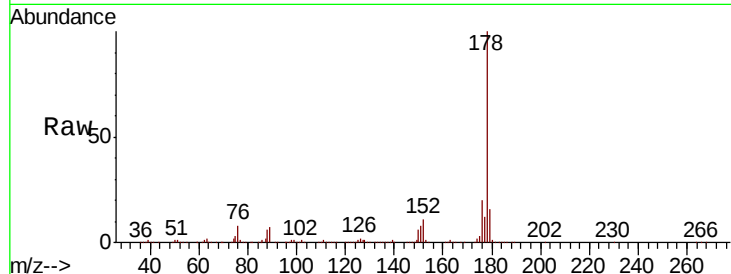
#71
Phenanthrene
Concen: 47.412 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion:178 Resp: 1296946
Ion Ratio Lower Upper
178 100
176 20.0 16.5 24.7
179 15.7 13.0 19.6

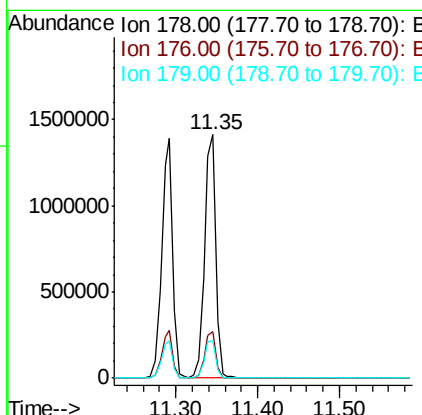
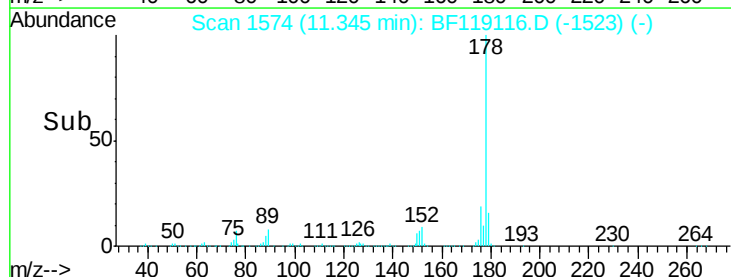
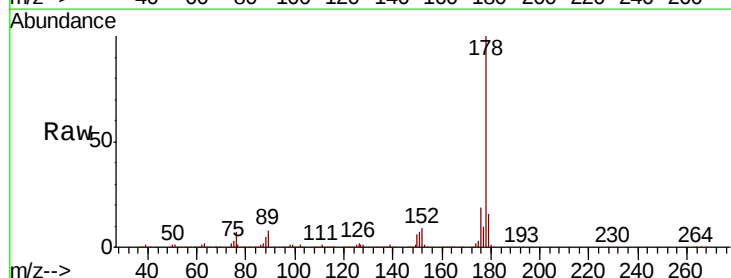
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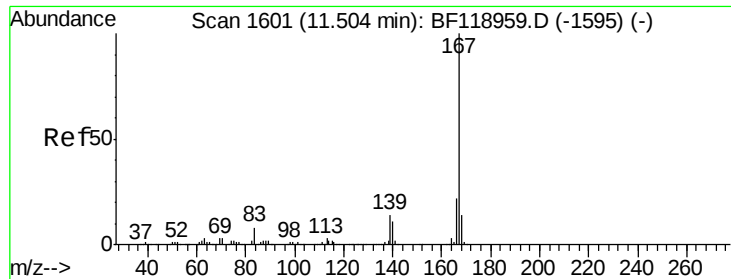
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#72
Anthracene
Concen: 49.132 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion:178 Resp: 1342885
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.6 13.1 19.7





#73

Carbazole

Concen: 47.099 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

GP-02-022420MS

Tot Ion:167 Resp: 1146850

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.4

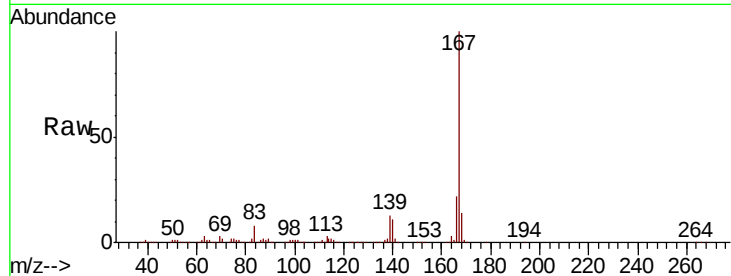
139 13.1 11.7 17.5

Manual Integrations

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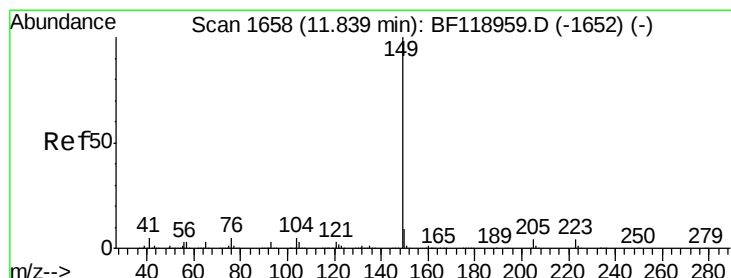
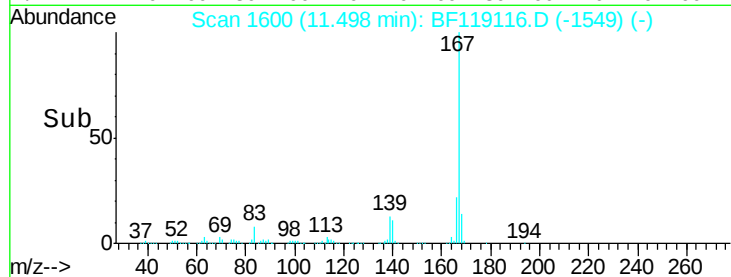
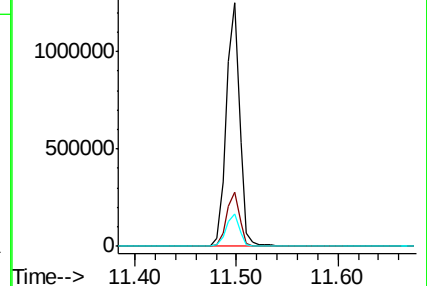
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.739 ng

RT: 11.83 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

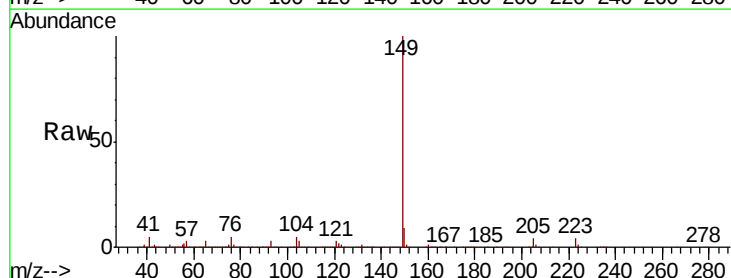
Tgt Ion:149 Resp: 1466675

Ion Ratio Lower Upper

149 100

150 9.5 7.9 11.9

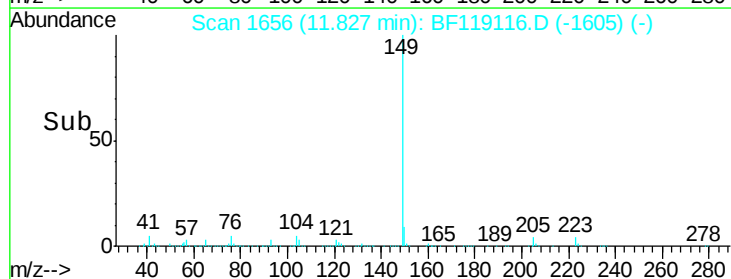
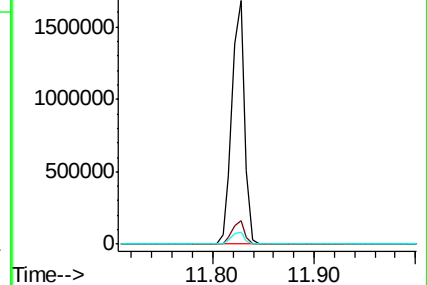
104 4.9 4.6 6.8

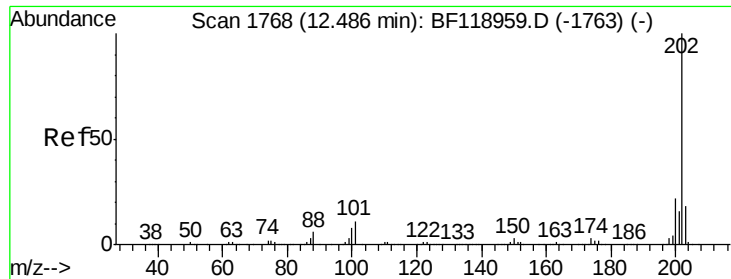


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.991 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

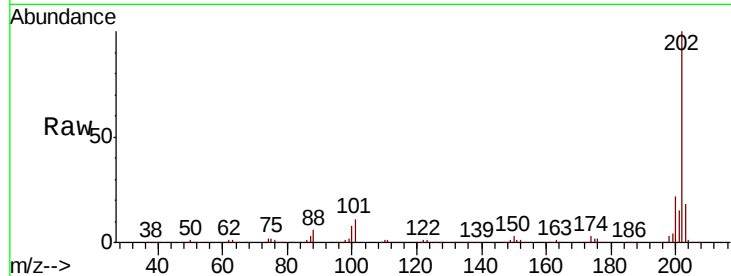
ClientSampleId :

GP-02-022420MS

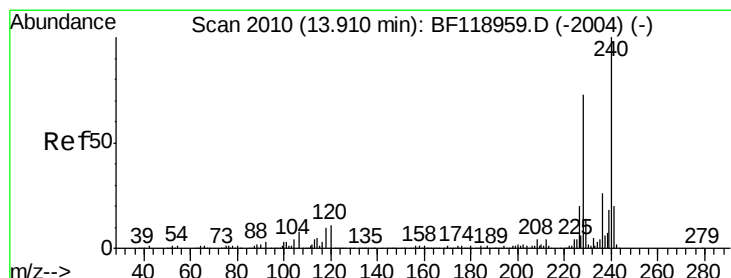
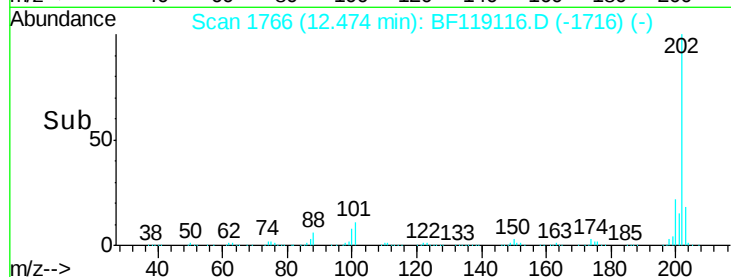
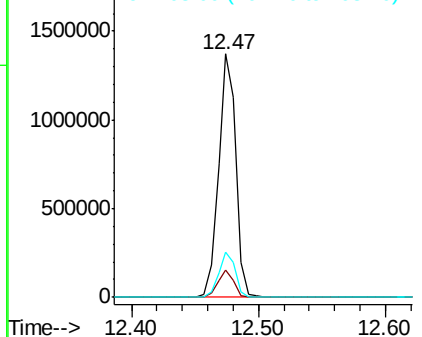
Tot Ion:	202	Resp:	1306384
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.3
203	18.4	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

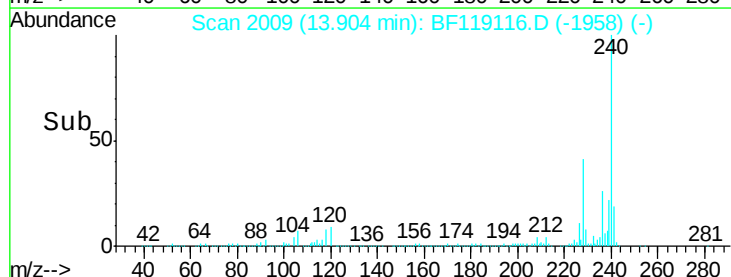
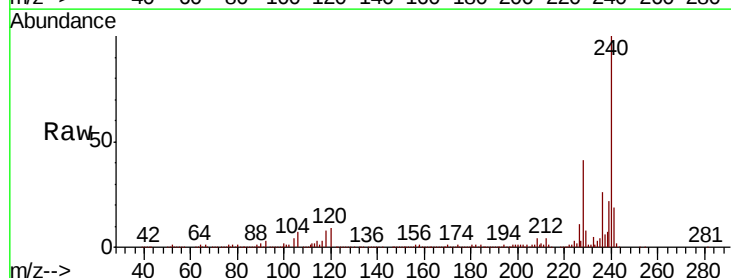
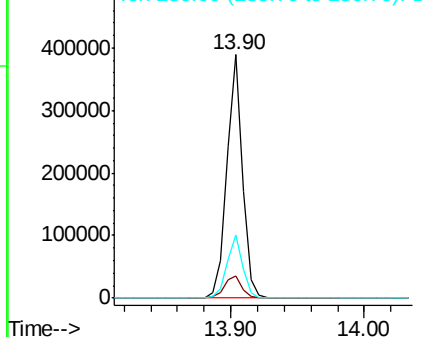
Delta R.T. -0.00 min

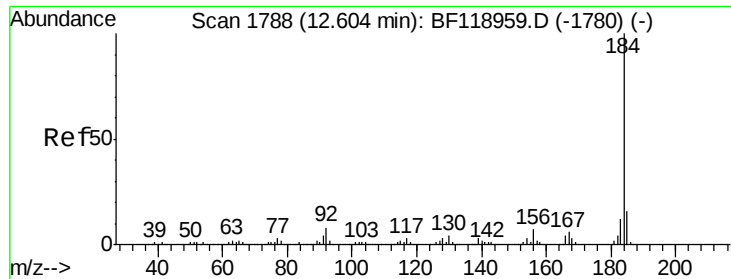
Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Tgt Ion:	240	Resp:	322127
Ion Ratio	Lower	Upper	
240	100		
120	9.3	8.4	12.6
236	25.8	21.0	31.4

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.298 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

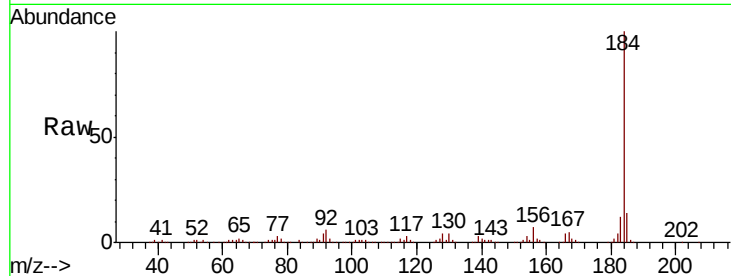
ClientSampleId :

GP-02-022420MS

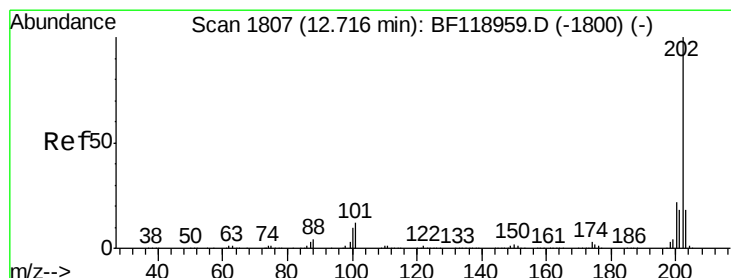
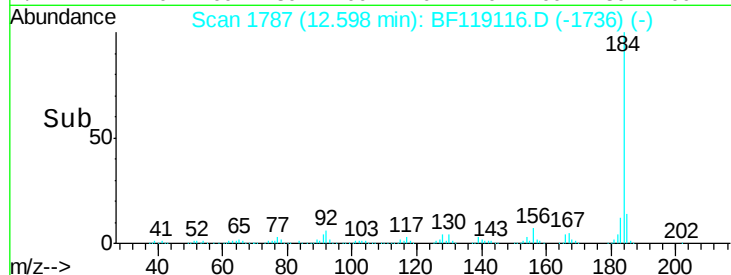
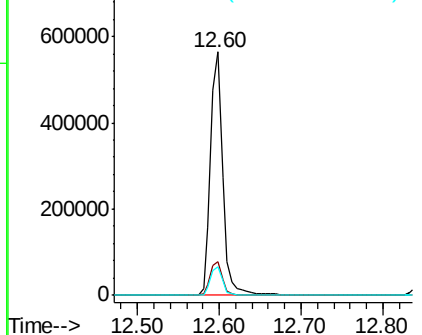
Tot Ion:	184	Resp:	593430
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.2	18.4
183	12.0	9.9	14.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.531 ng

RT: 12.70 min Scan# 1805

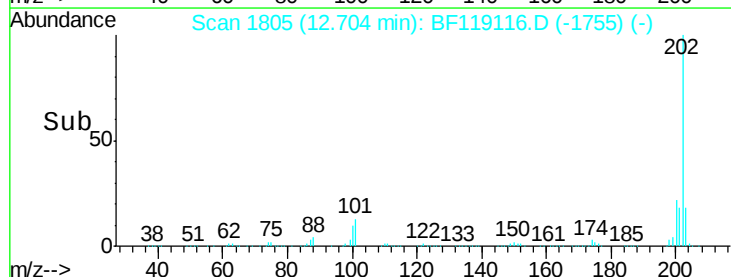
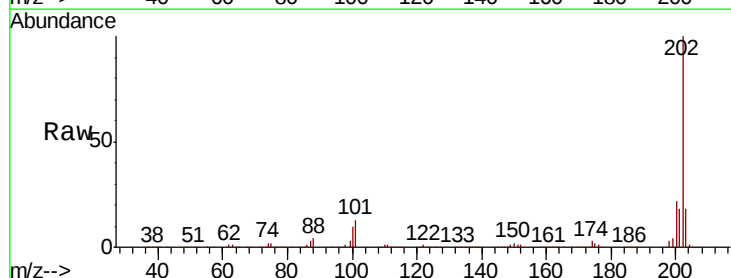
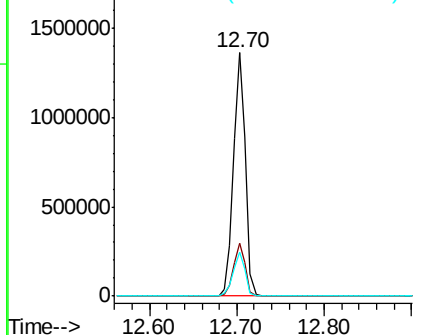
Delta R.T. -0.01 min

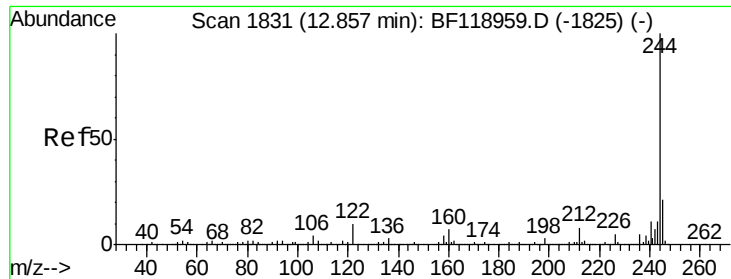
Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Tgt Ion:	202	Resp:	1281179
Ion Ratio	Lower	Upper	
202	100		
200	21.7	18.0	27.0
203	18.0	14.6	22.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.478 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

GP-02-022420MS

Tot Ion:244 Resp: 1374790

Ion Ratio Lower Upper

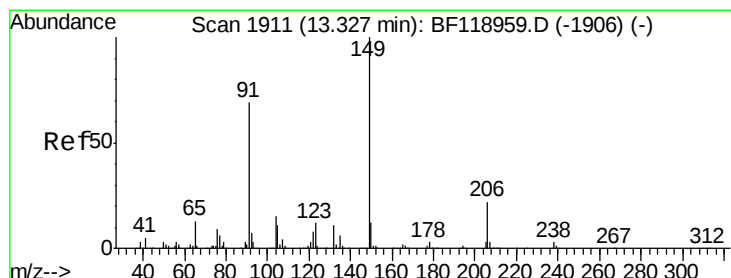
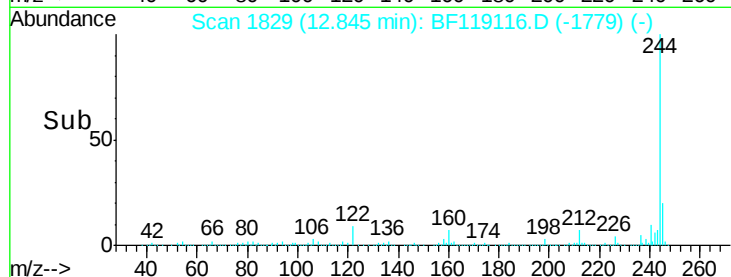
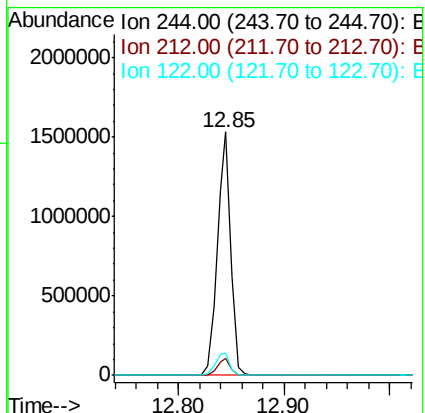
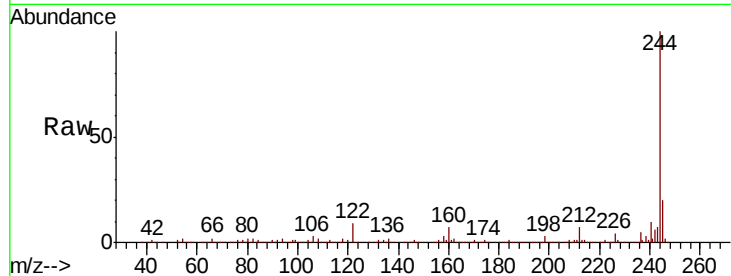
244 100

212 7.2 6.6 10.0

122 9.0 8.2 12.2

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#80

Butylbenzylphthalate

Concen: 51.538 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

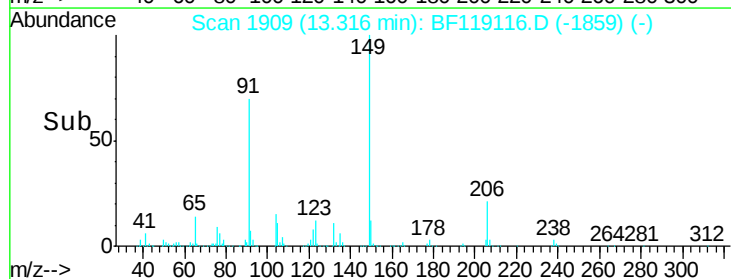
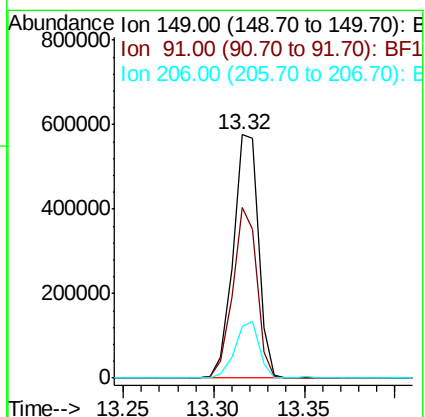
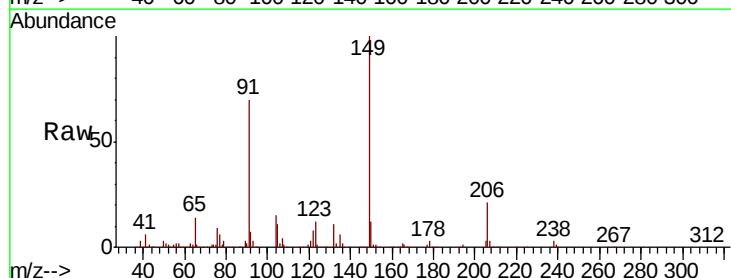
Tgt Ion:149 Resp: 561062

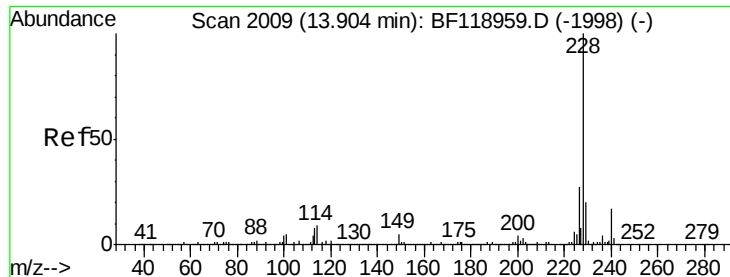
Ion Ratio Lower Upper

149 100

91 70.2 52.3 78.5

206 21.2 18.5 27.7





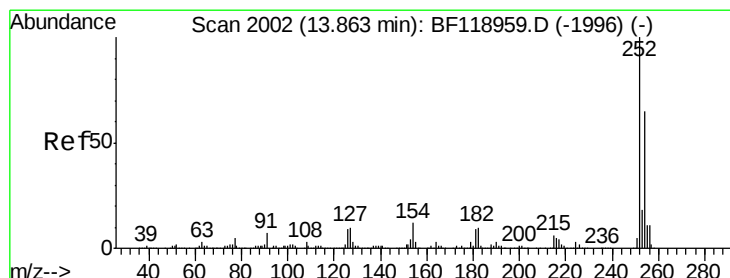
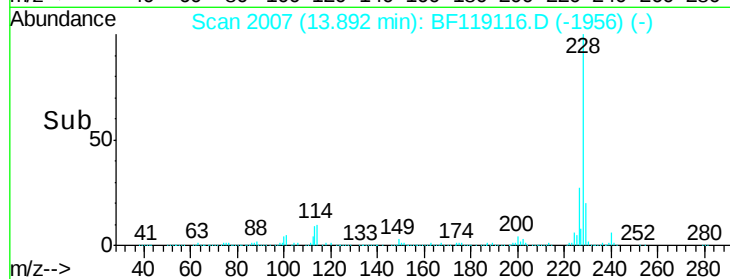
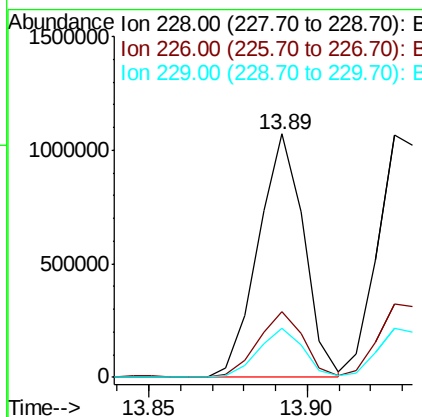
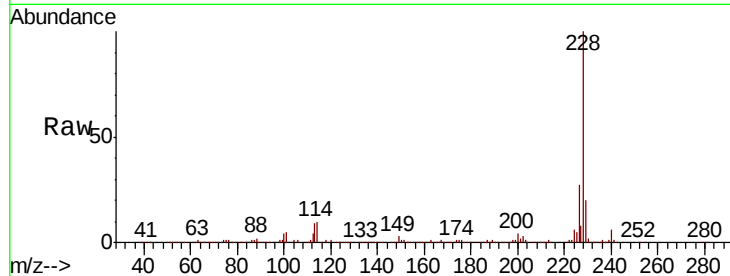
#81
Benzo(a)anthracene
Concen: 48.814 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.9	16.6	24.8

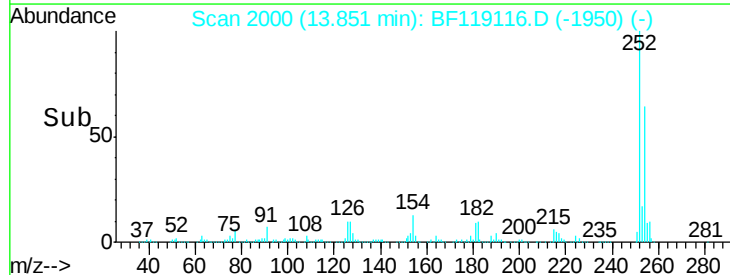
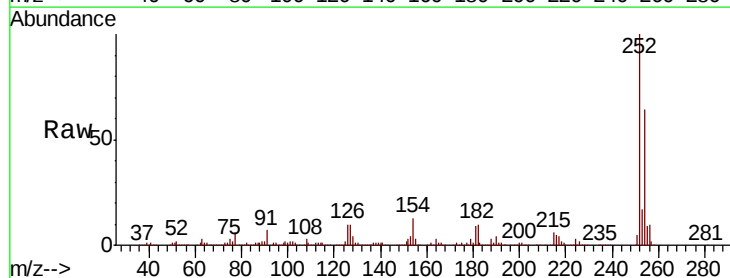
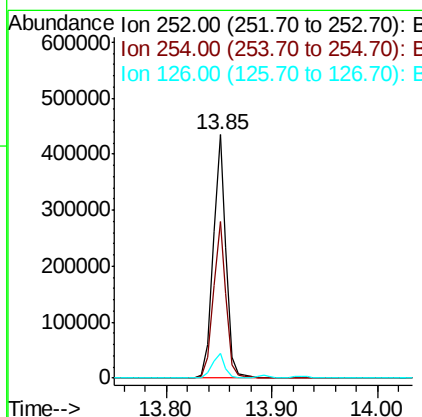
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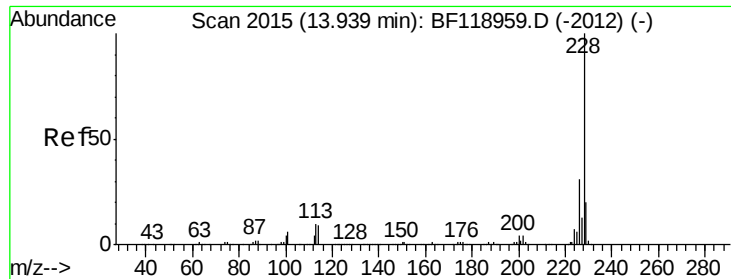
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#82
3,3'-Dichlorobenzidine
Concen: 43.876 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.6	77.4
126	10.1	7.4	11.0





#83

Chrvsene

Concen: 48.187 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

GP-02-022420MS

Tot Ion:228 Resp: 1053855

Ion Ratio Lower Upper

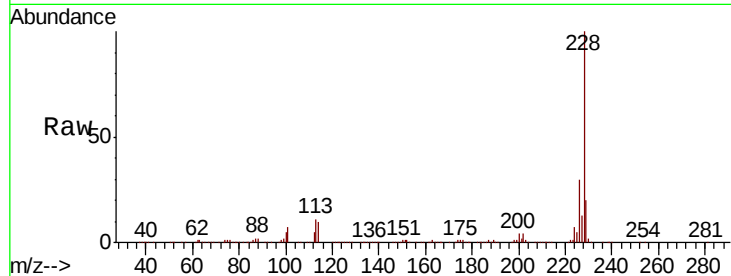
228 100

226 30.2 25.1 37.7

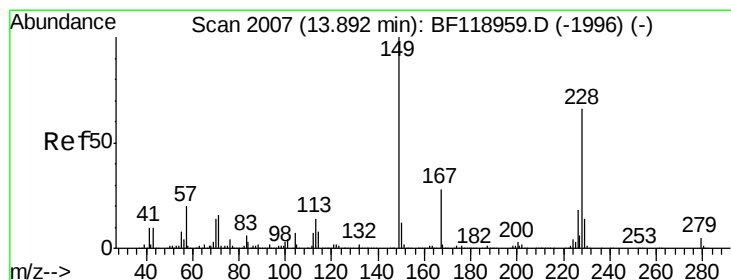
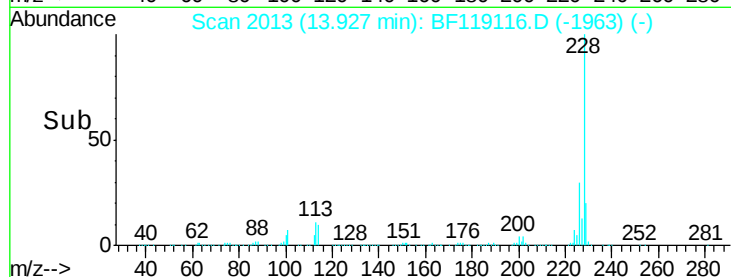
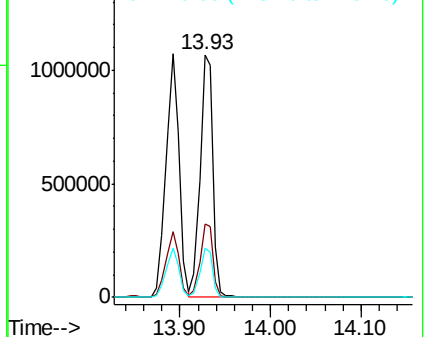
229 20.1 16.3 24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.921 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

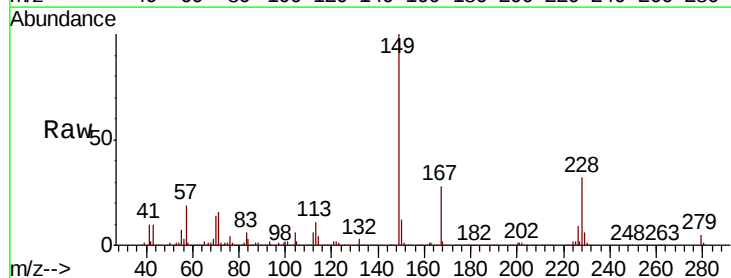
Tgt Ion:149 Resp: 769113

Ion Ratio Lower Upper

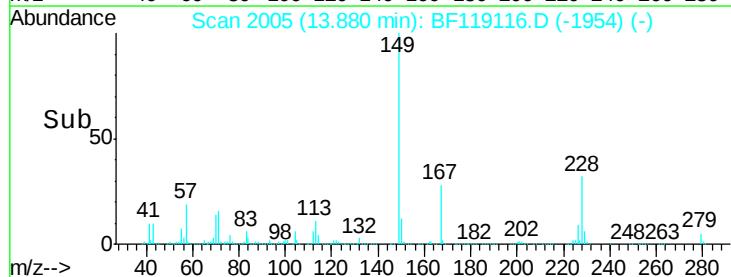
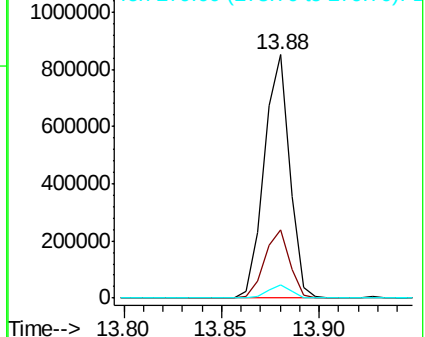
149 100

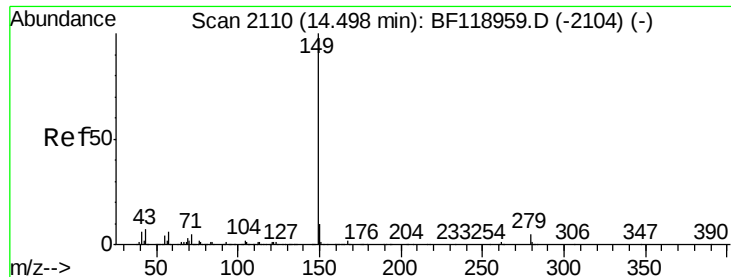
167 28.1 22.8 34.2

279 5.5 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.209 ng

RT: 14.49 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

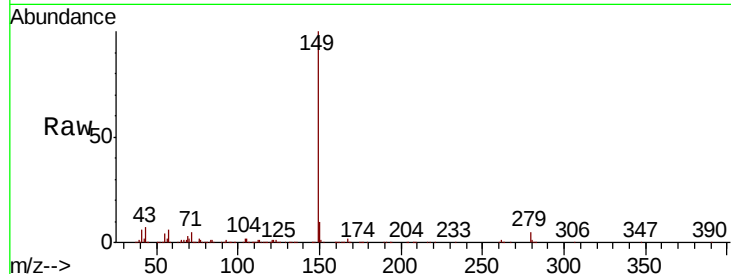
ClientSampleId :

GP-02-022420MS

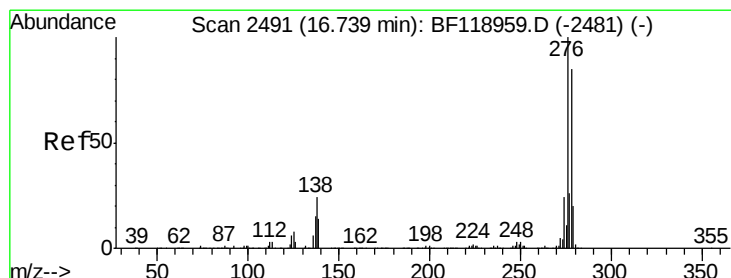
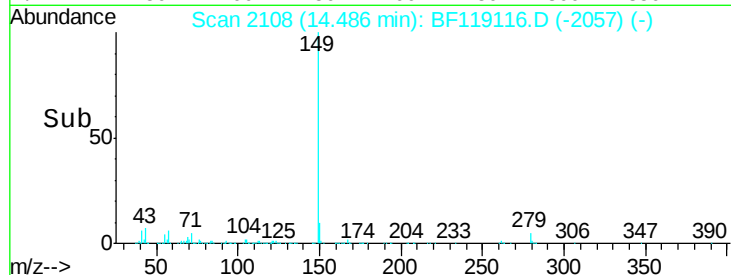
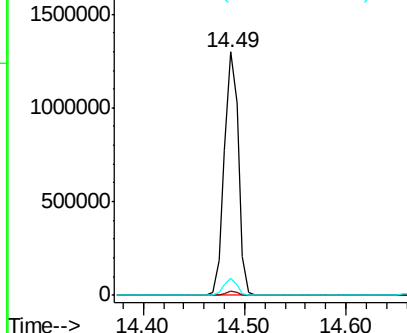
Tot Ion:	149	Resp:	1253636
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.5	5.7	8.5

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 59.691 ng

RT: 16.74 min Scan# 2492

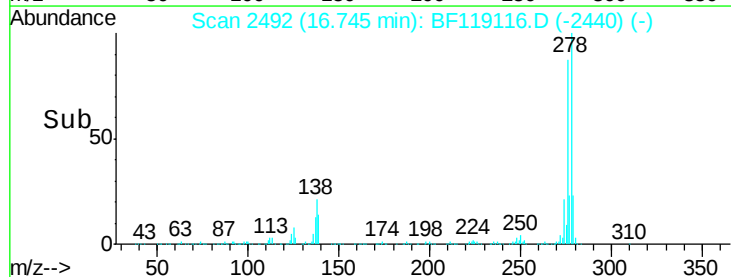
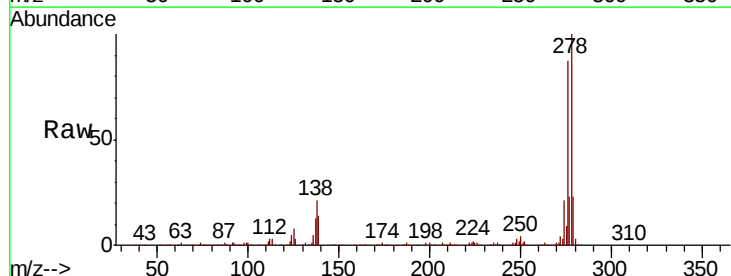
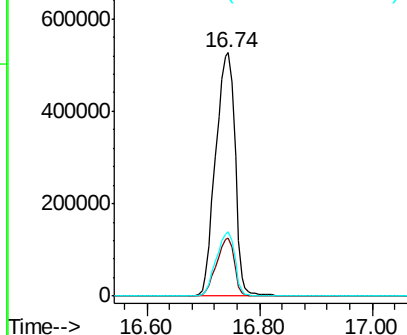
Delta R.T. 0.01 min

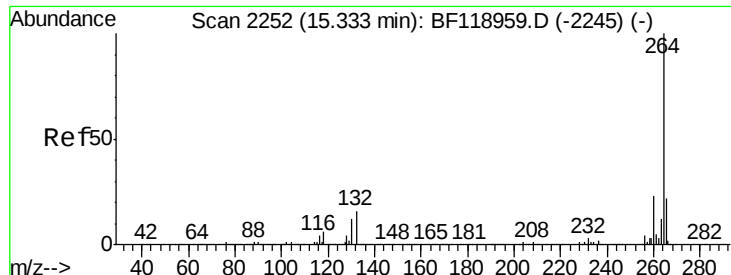
Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Tgt Ion:	276	Resp:	1264022
Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.4	26.0
277	25.6	20.3	30.5

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





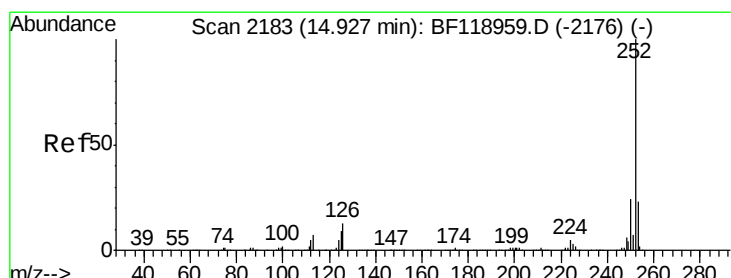
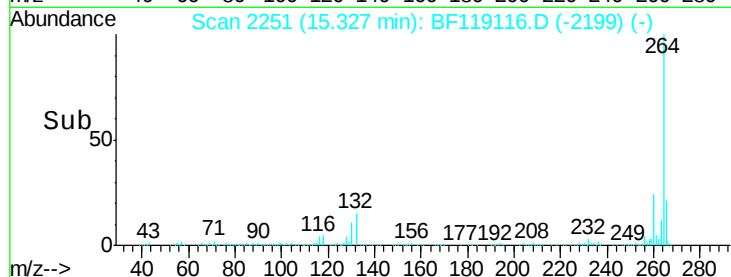
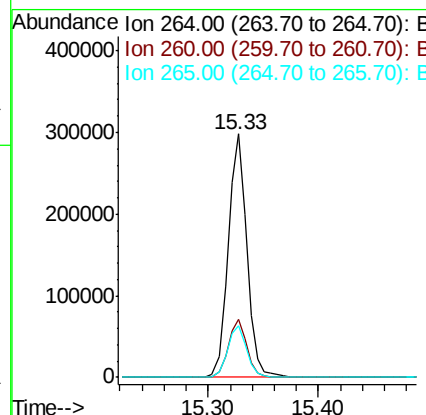
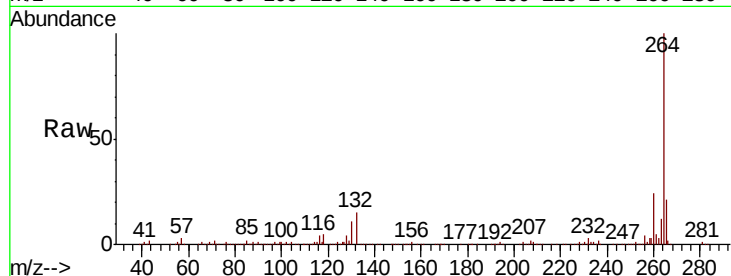
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.2	17.7	26.5

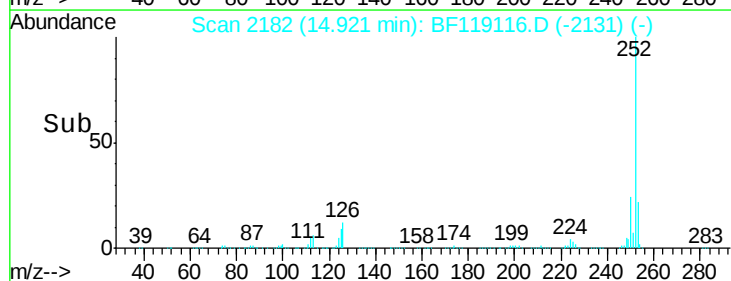
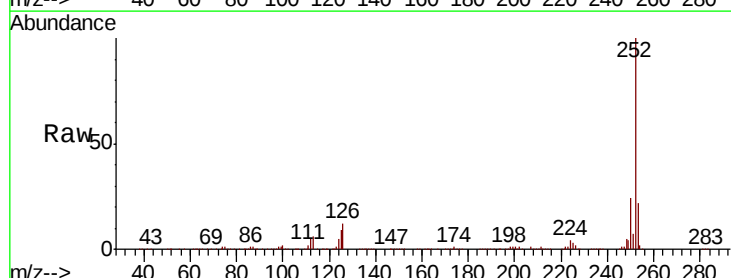
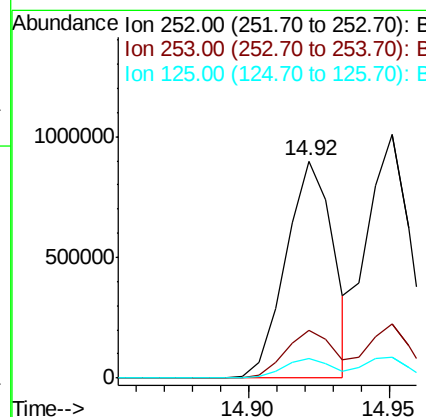
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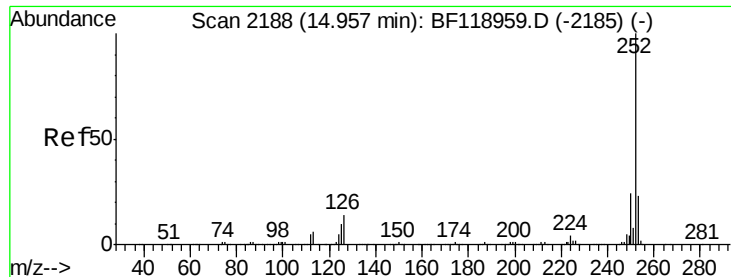
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#88
Benzo(b)fluoranthene
Concen: 45.121 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	9.1	7.4	11.0





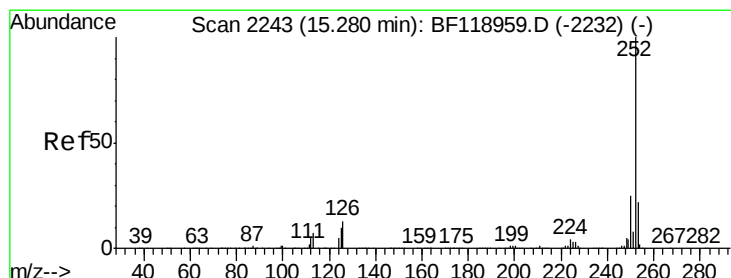
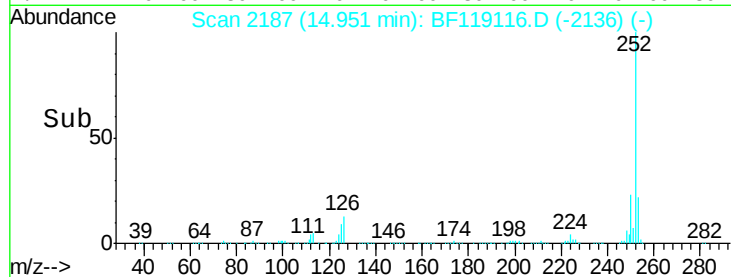
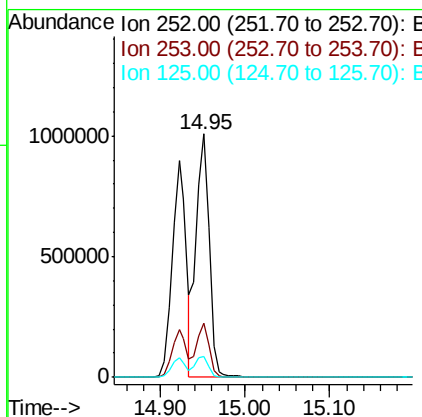
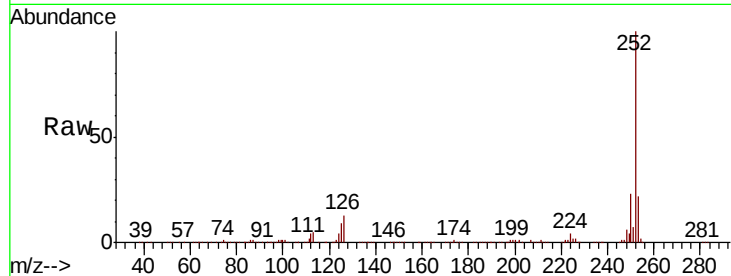
#89
Benzo(k)fluoranthene
Concen: 49.584 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.8	7.5	11.3

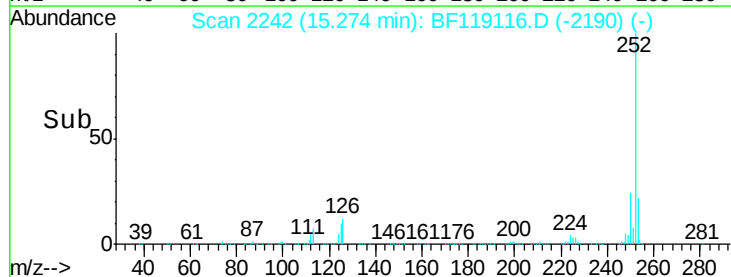
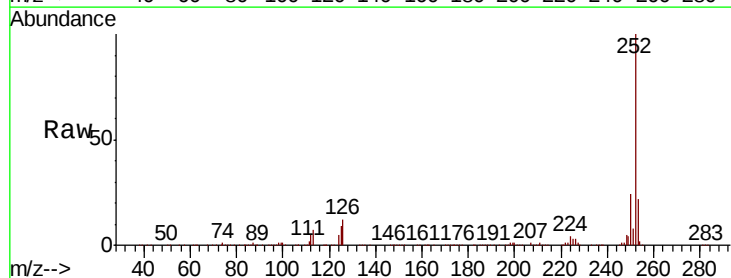
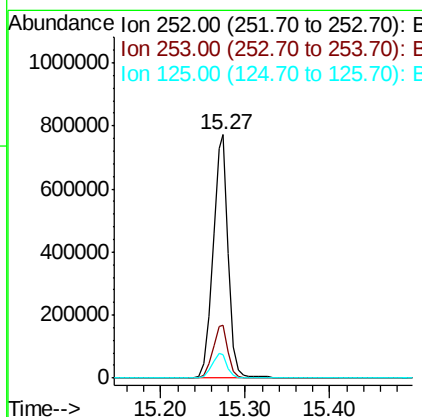
Manual Integrations
APPROVED

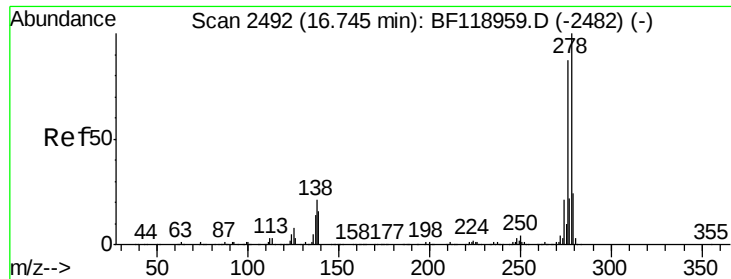
mohammad
2/28/2020 2:41:40 PM



#90
Benzo(a)pyrene
Concen: 46.779 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	9.4	8.6	12.8





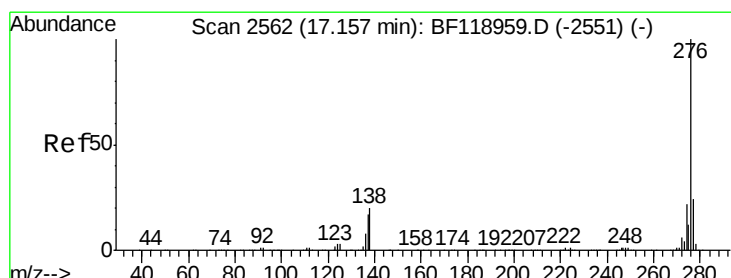
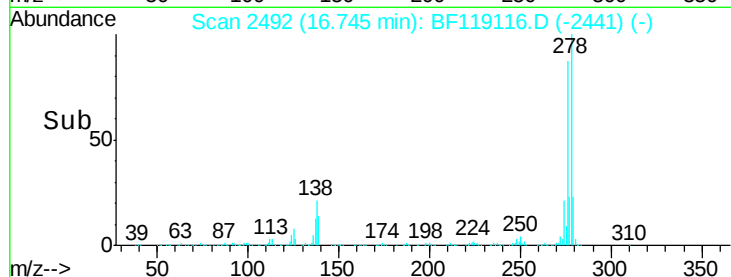
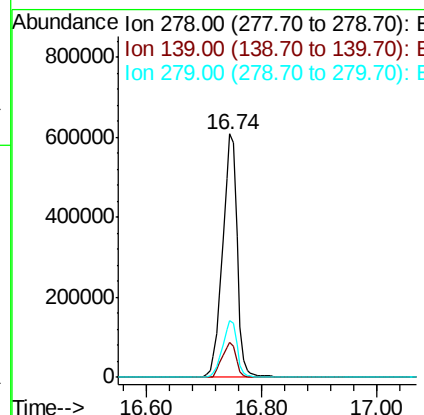
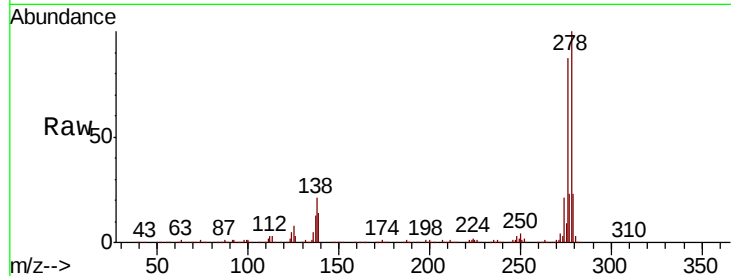
#91
Dibenzo(a,h)anthracene
Concen: 57.846 ng
RT: 16.74 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.0	16.4
279	23.4	18.6	28.0

Manual Integrations
APPROVED

mohammad
2/28/2020 2:41:40 PM



#92
Benzo(g,h,i)perylene
Concen: 58.631 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	18.1	14.3	21.5

