

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119256.D
 Acq On : 6 Mar 2020 18:13
 Operator : CG/JU
 Sample : L1783-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-10-030220MS

Manual Integrations
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Quant Time: Mar 07 06:47:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	102563	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	386628	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	216358	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	414722	20.00	ng	0.00
76) Chrysene-d12	13.89	240	310256	20.00	ng	0.00
87) Perylene-d12	15.31	264	301716	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	745878	121.53	ng	0.00
7) Phenol-d6	6.39	99	881542	118.11	ng	0.00
23) Nitrobenzene-d5	7.29	82	599599	81.88	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	321504	113.59	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1181711	80.46	ng	0.00
79) Terphenyl-d14	12.82	244	1529907	84.90	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.43	88	110345	40.383	ng	100
3) Pyridine	3.16	79	260073	34.851	ng	98
4) n-Nitrosodimethylamine	3.10	42	109377	48.384	ng	98
6) Aniline	6.39	93	274451	29.800	ng	96
8) 2-Chlorophenol	6.52	128	334509	50.506	ng	96
9) Benzaldehyde	6.27	77	246437	49.418	ng	99
10) Phenol	6.40	94	395198	48.972	ng	86
11) bis(2-Chloroethyl)ether	6.46	93	301403	48.813	ng	96
12) 1,3-Dichlorobenzene	6.66	146	365964	46.101	ng	97
13) 1,4-Dichlorobenzene	6.74	146	379228	47.739	ng	98
14) 1,2-Dichlorobenzene	6.89	146	345539	47.695	ng	99
15) Benzyl Alcohol	6.88	79	278927	51.706	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.00	45	240706	45.002	ng	# 42
17) 2-Methylphenol	7.00	107	266696	49.666	ng	95
18) Hexachloroethane	7.23	117	132837	46.741	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	227227	52.245	ng	96
20) 3+4-Methylphenols	7.15	107	355610	54.055	ng	89
22) Acetophenone	7.14	105	455241	50.890	ng	# 95
24) Nitrobenzene	7.31	77	345987	47.780	ng	97
25) Isophorone	7.55	82	621043	48.836	ng	99
26) 2-Nitrophenol	7.63	139	185289	48.293	ng	99
27) 2,4-Dimethylphenol	7.67	122	287070	55.130	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	373544	45.128	ng	99
29) 2,4-Dichlorophenol	7.88	162	293507	47.880	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	322572	44.382	ng	98
31) Naphthalene	8.03	128	960884	47.922	ng	98
32) Benzoic acid	7.84	122	148248	40.268	ng	98
33) 4-Chloroaniline	8.09	127	124276	14.410	ng	98
34) Hexachlorobutadiene	8.15	225	197527	43.631	ng	99
35) Caprolactam	8.46	113	90400m	47.893	ng	
36) 4-Chloro-3-methylphenol	8.59	107	308248	49.686	ng	99
37) 2-Methylnaphthalene	8.72	142	661452	49.019	ng	98
38) 1-Methylnaphthalene	8.82	142	617125	48.630	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	327993	44.963	ng	99

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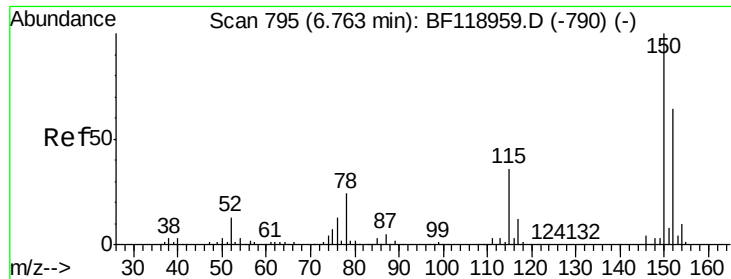
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	123185	50.339	nq	100
43) 2,4,6-Trichlorophenol	9.01	196	204705	44.438	nq	100
44) 2,4,5-Trichlorophenol	9.06	196	215823	44.648	nq	98
46) 1,1'-Biphenyl	9.18	154	797757	45.622	nq	99
47) 2-Chloronaphthalene	9.21	162	634500	45.028	nq	97
48) 2-Nitroaniline	9.32	65	185303	47.147	nq	92
49) Acenaphthylene	9.62	152	973943	47.855	nq	99
50) Dimethylphthalate	9.49	163	877550	53.042	nq	100
51) 2,6-Dinitrotoluene	9.56	165	173940	47.322	nq	100
52) Acenaphthene	9.79	154	575762	46.917	nq	98
53) 3-Nitroaniline	9.73	138	81351	19.964	nq	99
54) 2,4-Dinitrophenol	9.85	184	113957	65.304	nq	95
55) Dibenzofuran	9.97	168	860489	46.978	nq	98
56) 4-Nitrophenol	9.92	139	155711	63.599	nq	90
57) 2,4-Dinitrotoluene	9.97	165	225946	47.424	nq	98
58) Fluorene	10.31	166	700946	49.247	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	184097	45.135	nq	98
60) Diethylphthalate	10.19	149	753908	48.355	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	364384	48.366	nq	97
62) 4-Nitroaniline	10.35	138	159405	38.235	nq	97
63) Azobenzene	10.46	77	675033	49.810	nq	96
65) 4,6-Dinitro-2-methylphenol	10.38	198	114670	45.694	nq	98
66) n-Nitrosodiphenylamine	10.42	169	640223	47.146	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	238657	44.025	nq	93
68) Hexachlorobenzene	10.86	284	273289	43.726	nq	98
69) Atrazine	10.95	200	212943	44.882	nq	99
70) Pentachlorophenol	11.06	266	174909	69.472	nq	99
71) Phenanthrene	11.27	178	1062094	46.960	nq	98
72) Anthracene	11.32	178	1112747	49.241	nq	98
73) Carbazole	11.48	167	970322	48.198	nq	99
74) Di-n-butylphthalate	11.80	149	1177508	48.298	nq	98
75) Fluoranthene	12.46	202	1171270	48.788	nq	99
77) Benzidine	12.58	184	498249	39.488	nq	99
78) Pyrene	12.69	202	1178402	47.300	nq	99
80) Butylbenzylphthalate	13.30	149	504926	48.156	nq	99
81) Benzo(a)anthracene	13.87	228	1024922	48.483	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	249447	30.388	nq	100
83) Chrysene	13.92	228	991528	47.072	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	701421	52.951	nq	99
85) Di-n-octyl phthalate	14.46	149	1118030	52.972	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	987115	48.398	nq	100
88) Benzo(b)fluoranthene	14.90	252	909420	45.728	nq	99
89) Benzo(k)fluoranthene	14.93	252	927658	50.334	nq	98
90) Benzo(a)pyrene	15.25	252	817236	45.531	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	835741	52.918	nq	99
92) Benzo(g,h,i)perylene	17.14	276	853905	54.722	nq	100

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



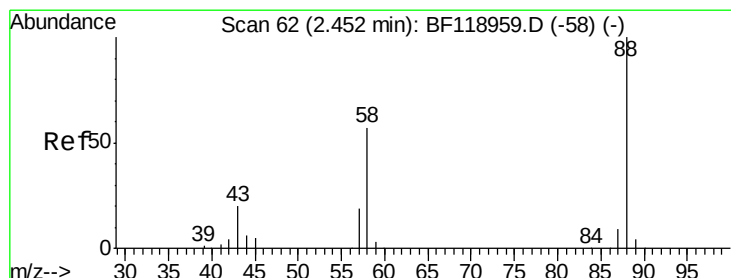
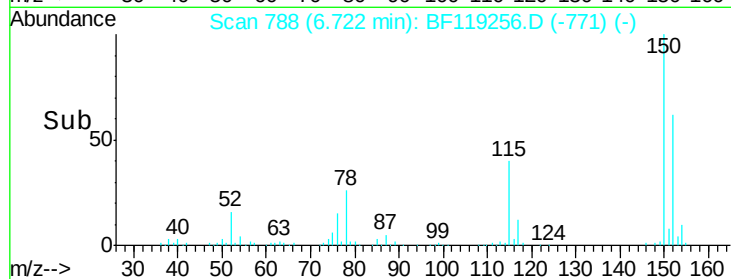
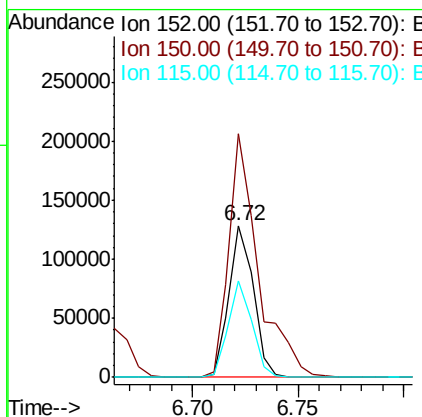
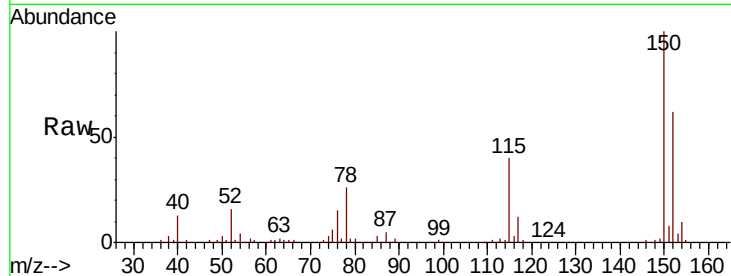
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 GP-10-030220MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	123.0	184.6
115	63.8	49.5	74.3

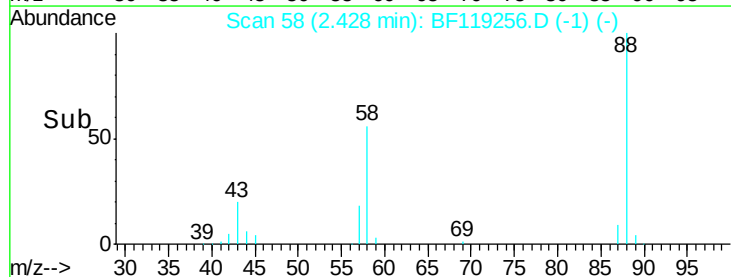
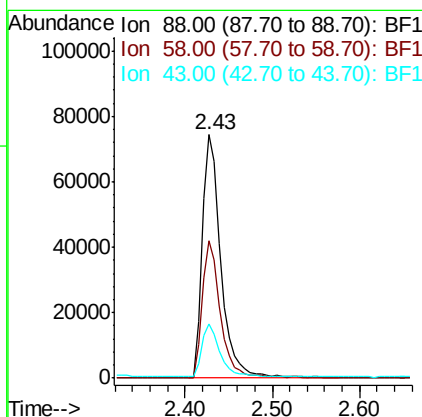
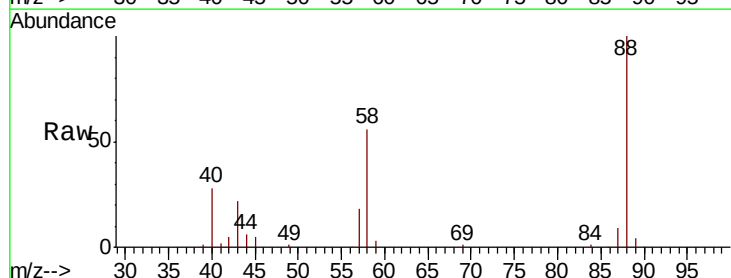
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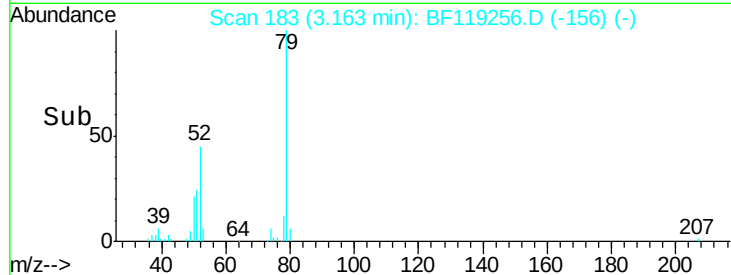
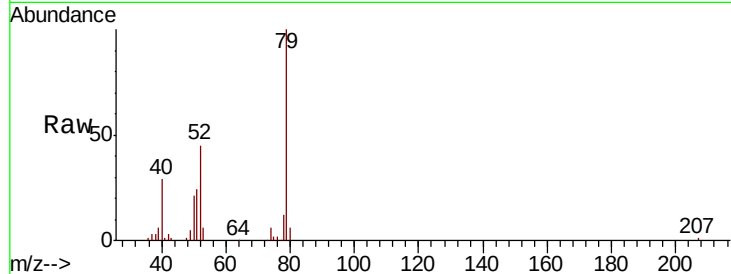
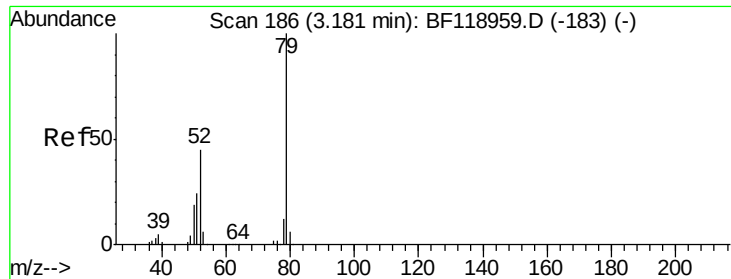
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#2
 1,4-Dioxane
 Concen: 40.383 ng
 RT: 2.43 min Scan# 58
 Delta R.T. 0.05 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.0	43.8	65.6
43	20.7	16.2	24.4





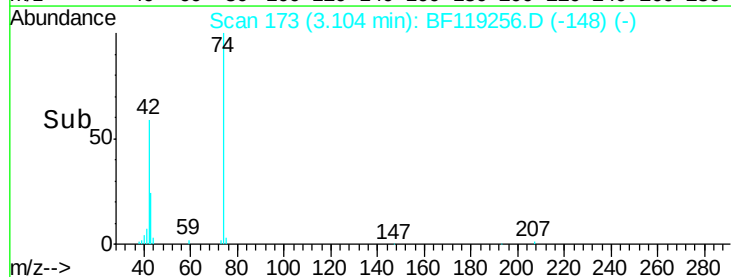
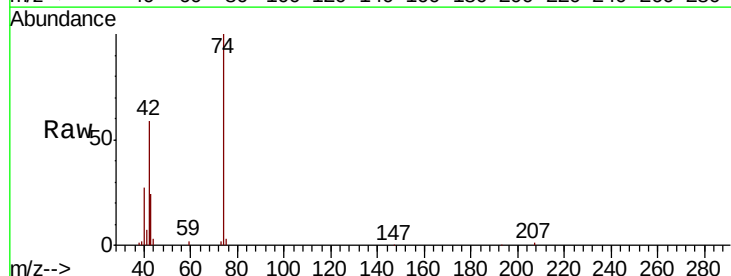
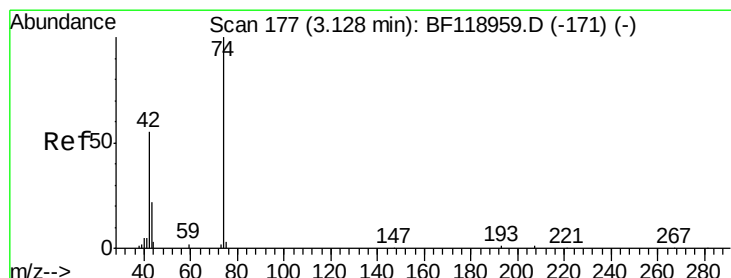
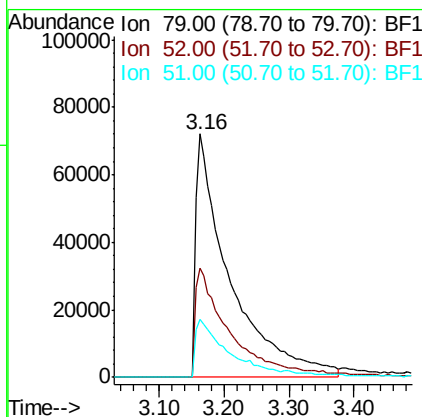
#3
Pvridine
Concen: 34.851 ng
RT: 3.16 min Scan# 183
Delta R.T. 0.06 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	260073		
52	52	45.0		37.4	56.0
51	51	23.9		19.8	29.6

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

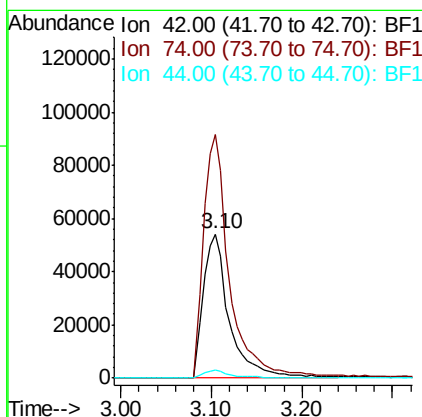
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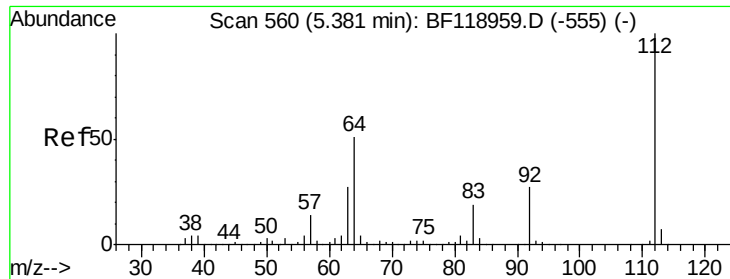
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#4
n-Nitrosodimethylamine
Concen: 48.384 ng
RT: 3.10 min Scan# 173
Delta R.T. 0.05 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	109377		
74	74	169.3		137.7	206.5
44	44	5.5		4.5	6.7





#5

2-Fluorophenol

Concen: 121.535 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

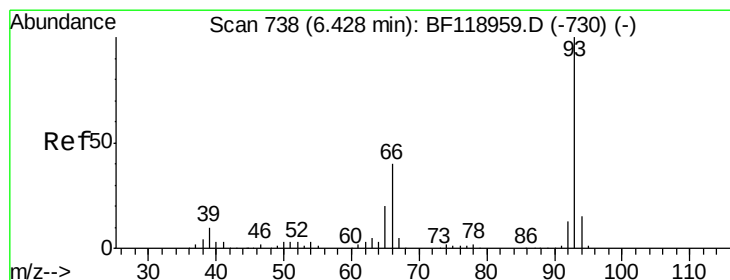
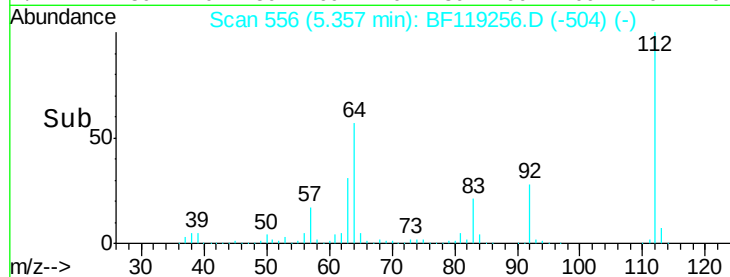
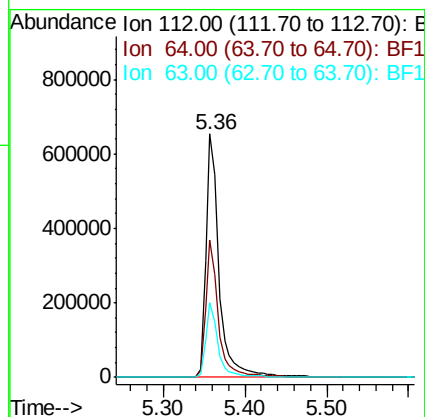
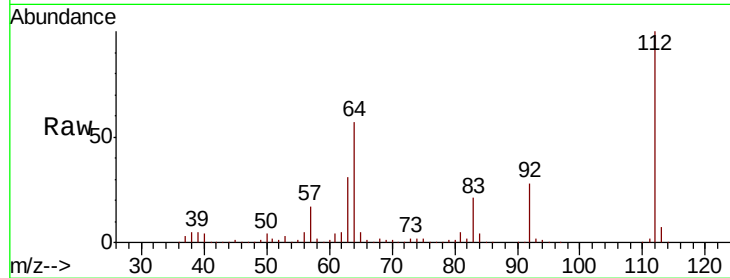
ClientSampleId :

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Tot Ion:	112	Resp:	745878
Ion Ratio	Lower	Upper	
112	100		
64	56.6	45.0	67.4
63	30.6	24.2	36.4

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#6

Aniline

Concen: 29.800 ng

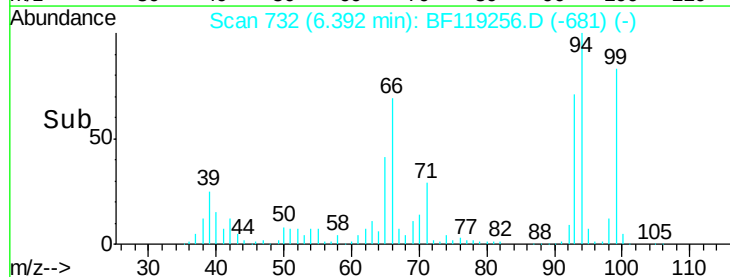
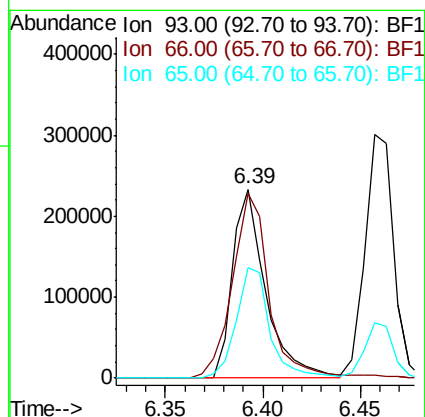
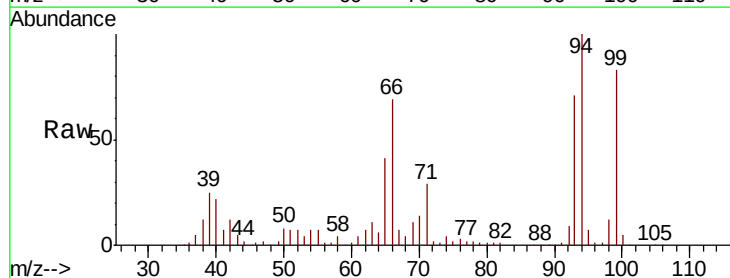
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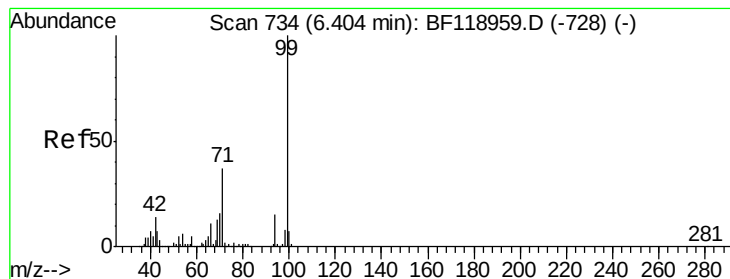
Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Tgt Ion:	93	Resp:	274451
Ion Ratio	Lower	Upper	
93	100		
66	97.9	74.5	111.7
65	58.3	45.3	67.9





#7

Phenol-d6

Concen: 118.107 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

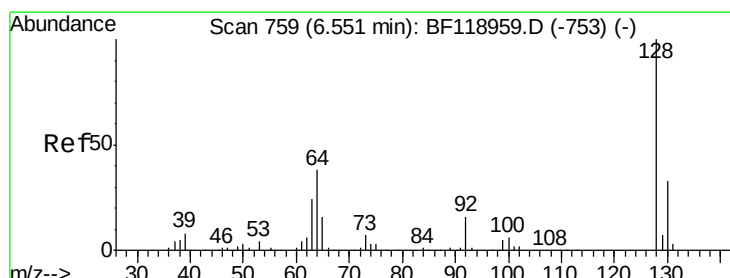
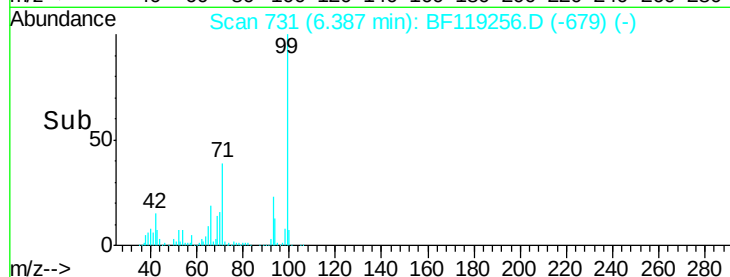
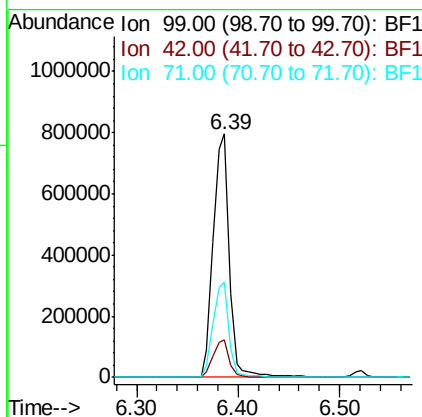
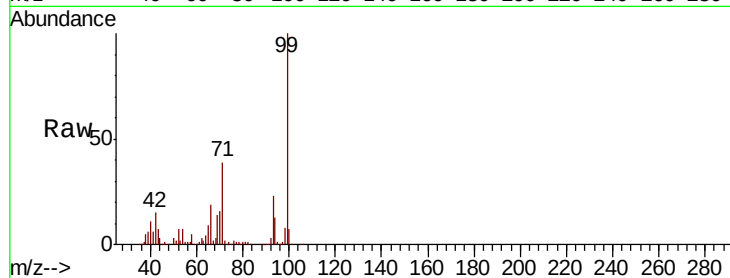
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Tot Ion:	99	Resp:	881542
Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.6	18.8
71	39.1	31.0	46.4

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#8

2-Chlorophenol

Concen: 50.506 ng

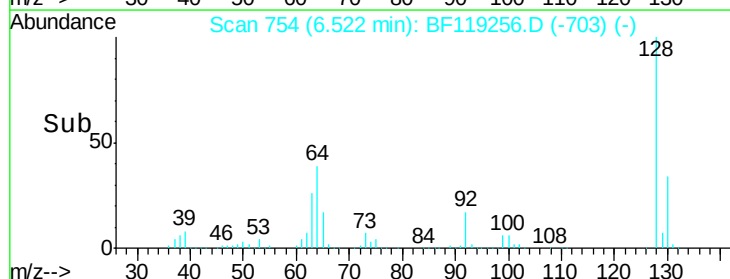
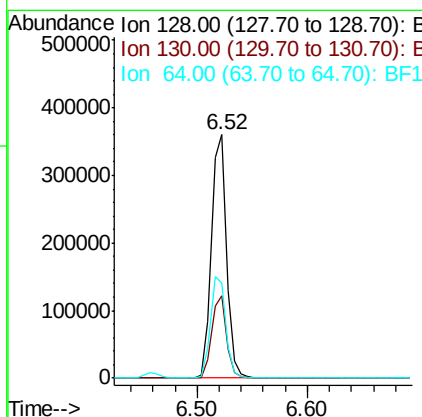
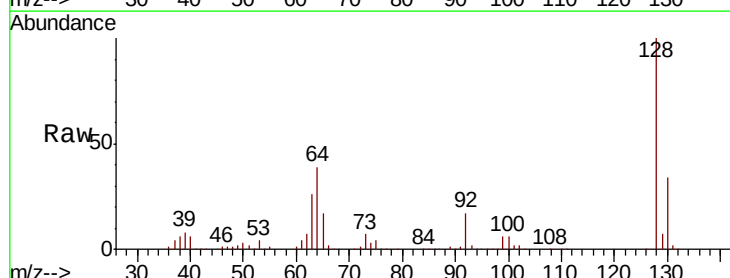
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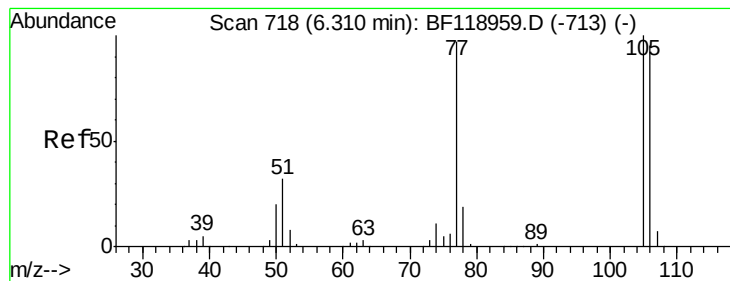
Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Tgt Ion:	128	Resp:	334509
Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.7	52.7
64	39.2	22.3	62.3





#9

Benzaldehyde

Concen: 49.418 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

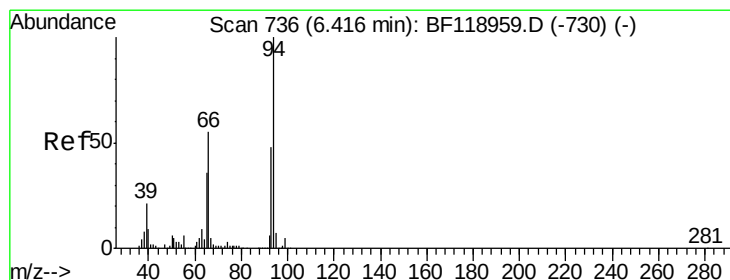
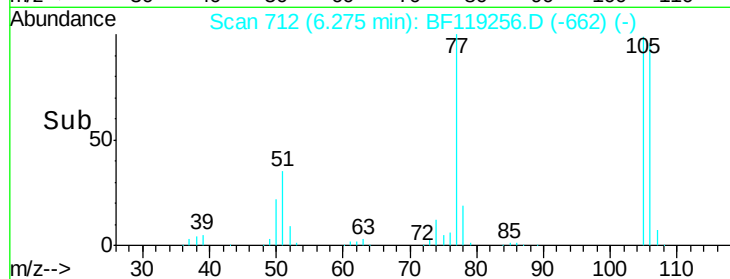
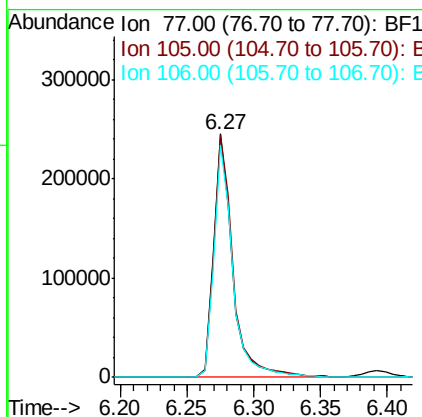
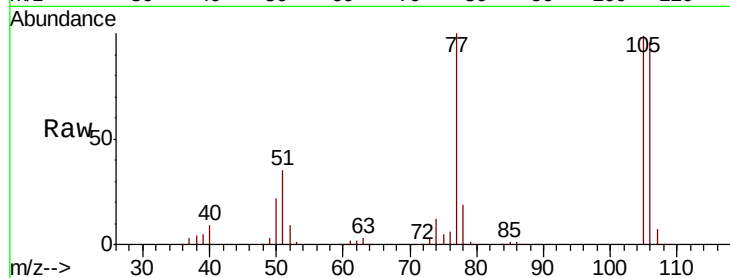
ClientSampleId :

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Tot Ion:	77	Resp:	246437
Ion Ratio	Lower	Upper	
77	100		
105	99.4	80.1	120.1
106	95.5	75.9	115.9

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#10

Phenol

Concen: 48.972 ng

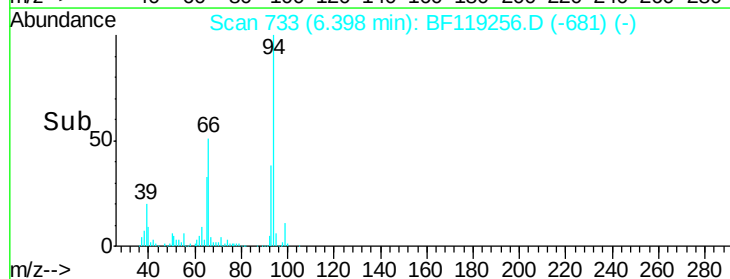
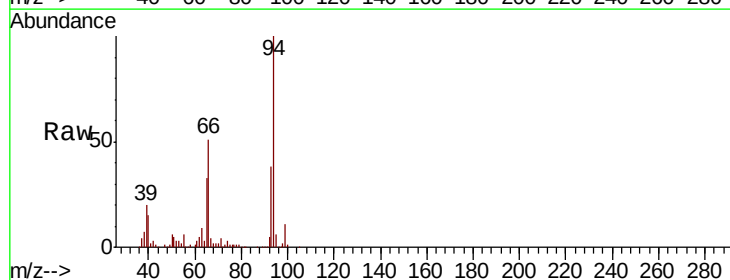
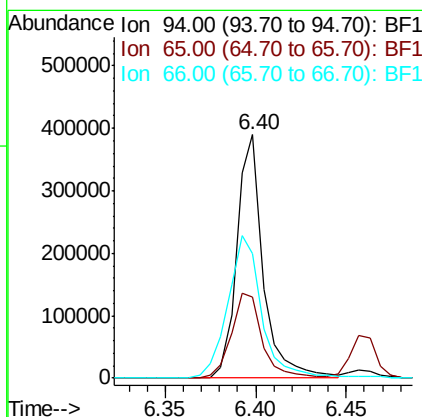
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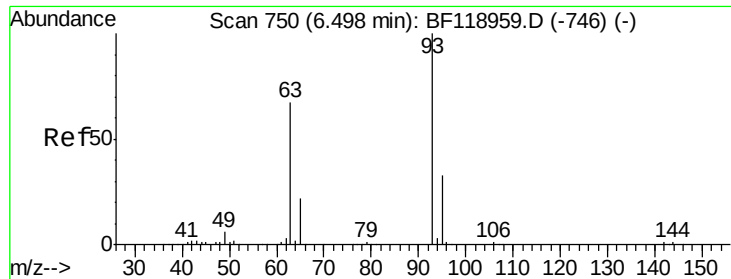
Delta R.T. 0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Tgt Ion:	94	Resp:	395198
Ion Ratio	Lower	Upper	
94	100		
65	33.4	19.2	59.2
66	51.2	44.4	84.4





#11

bis(2-Chloroethyl)ether

Concen: 48.813 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

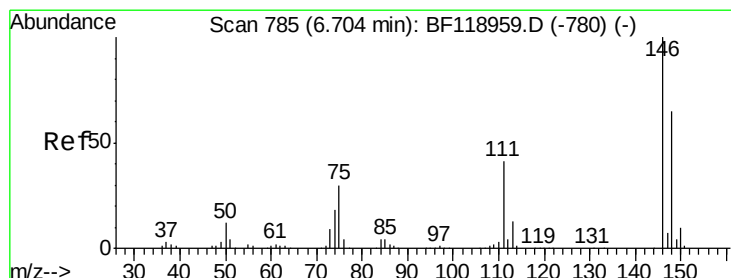
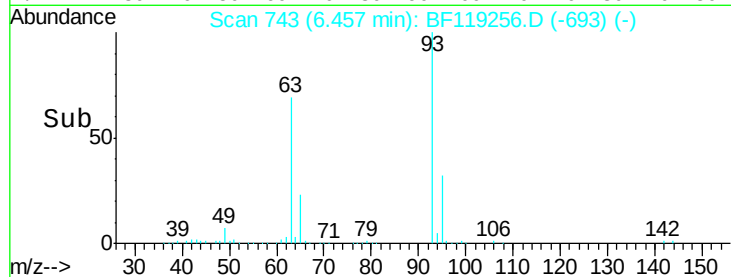
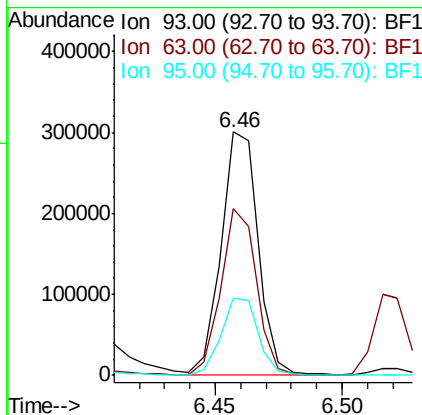
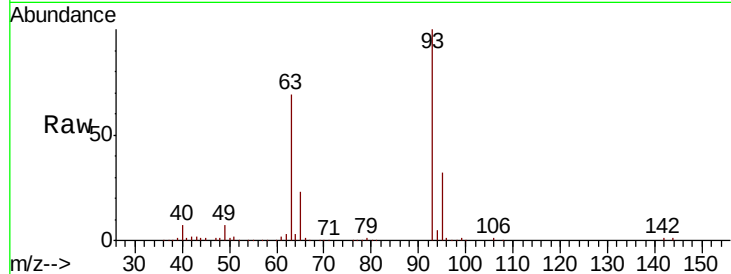
ClientSampleId :

GP-10-030220MS

Tot Ion:	93	Resp:	301403
Ion Ratio	Lower	Upper	
93	100		
63	68.7	45.4	85.4
95	31.7	13.5	53.5

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 46.101 ng

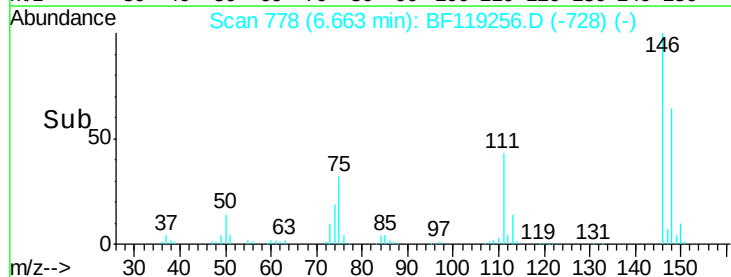
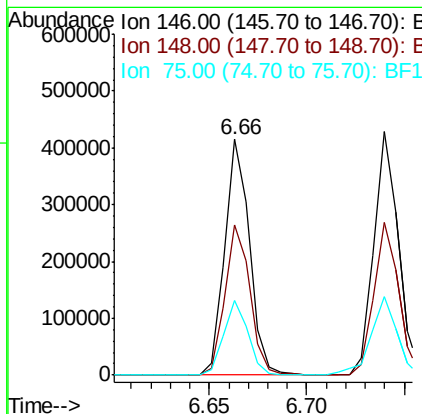
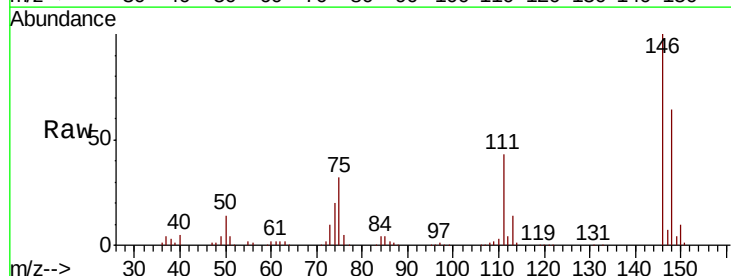
RT: 6.66 min Scan# 778

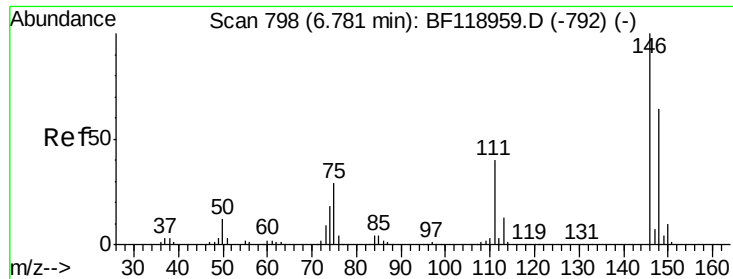
Delta R.T. -0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Tgt Ion:	146	Resp:	365964
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.5	78.7
75	31.9	23.6	35.4





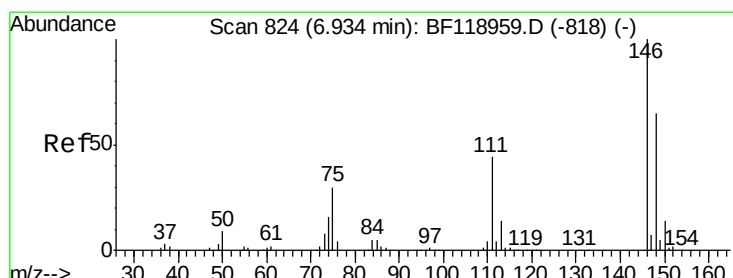
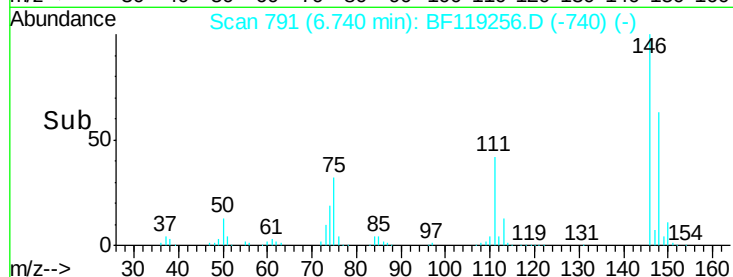
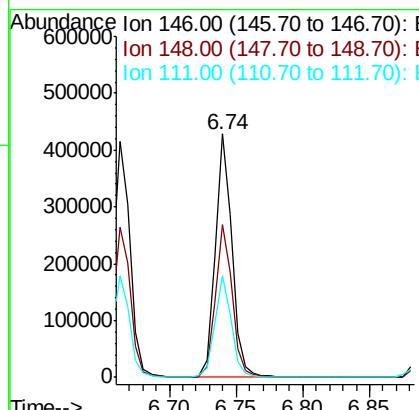
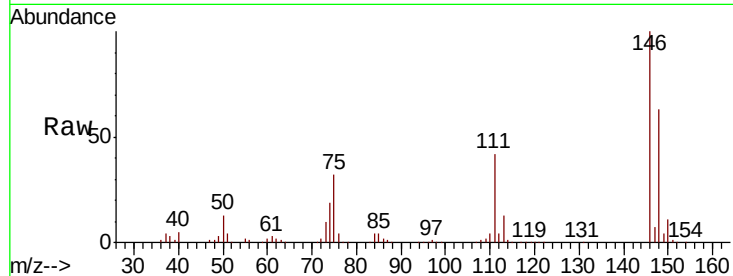
#13
1,4-Dichlorobenzene
Concen: 47.739 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.1	76.7
111	41.6	34.8	52.2

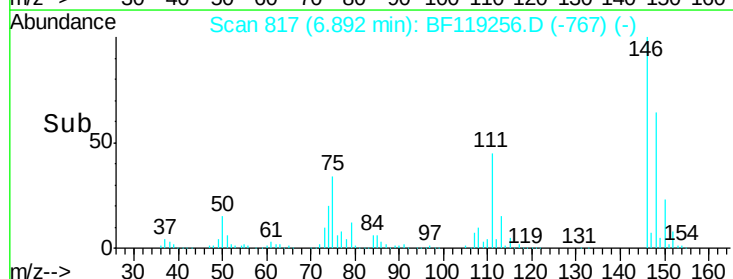
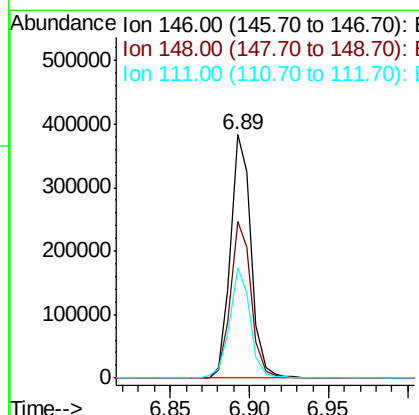
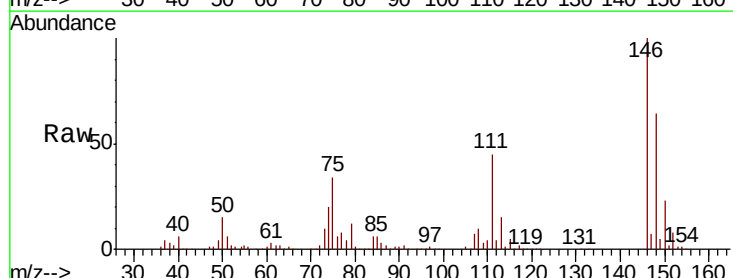
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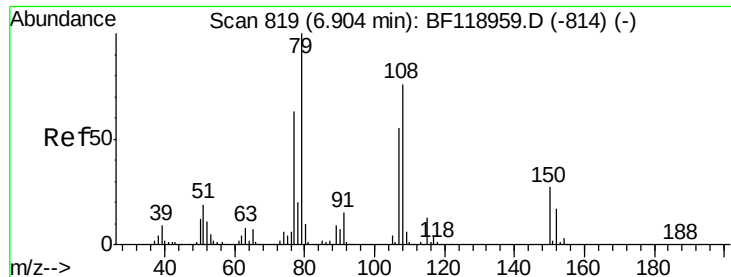
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#14
1,2-Dichlorobenzene
Concen: 47.695 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
111	45.4	36.2	54.2





#15

Benzyl Alcohol

Concen: 51.706 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

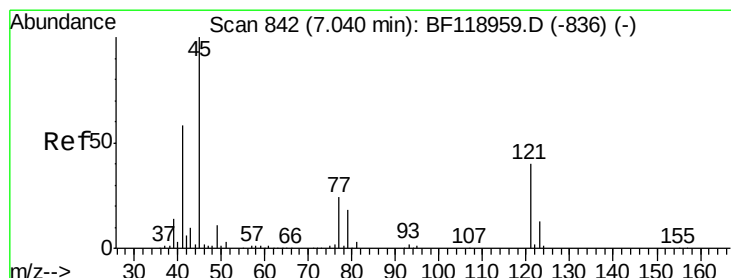
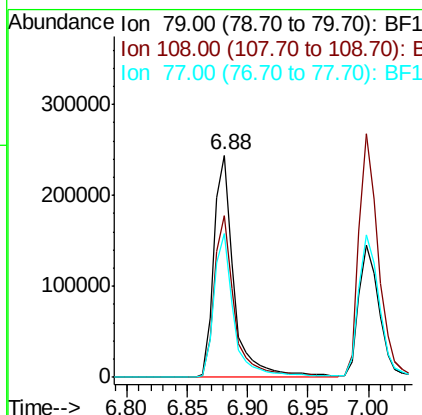
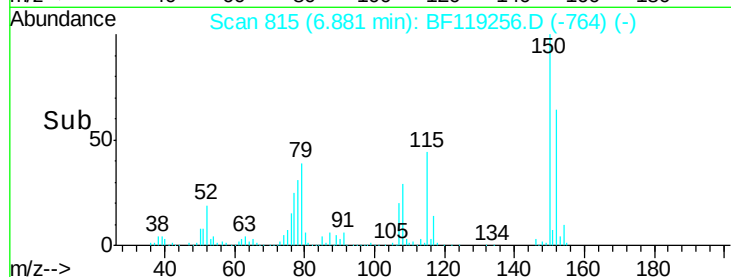
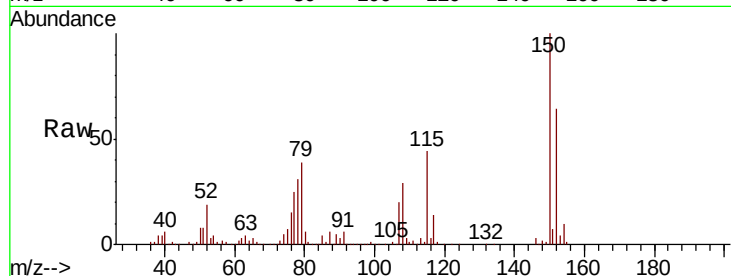
ClientSampleId :

GP-10-030220MS

Tot Ion:	79	Resp:	278927
Ion Ratio	Lower	Upper	
79	100		
108	72.9	58.2	87.2
77	64.6	51.2	76.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.002 ng

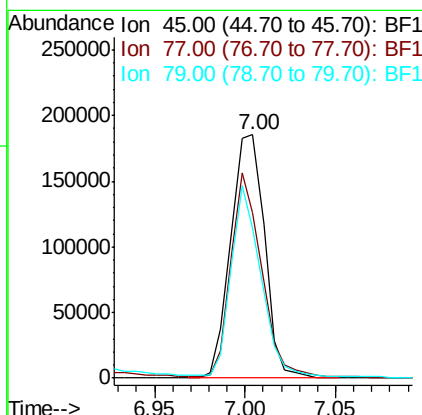
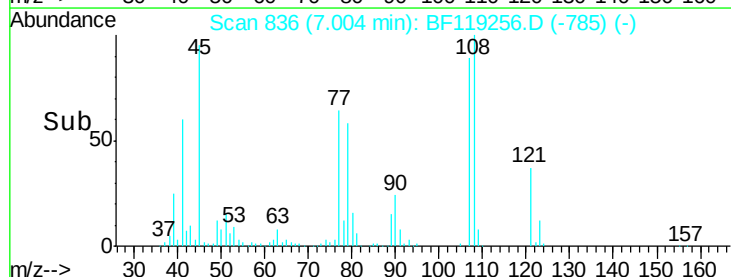
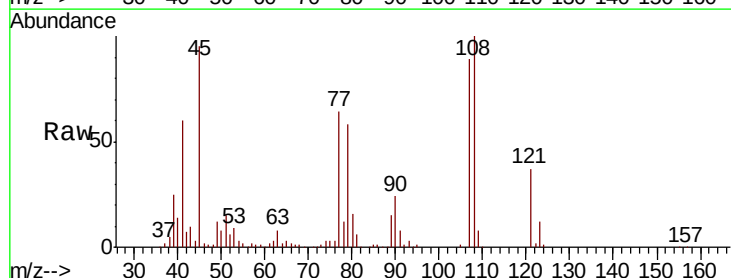
RT: 7.00 min Scan# 836

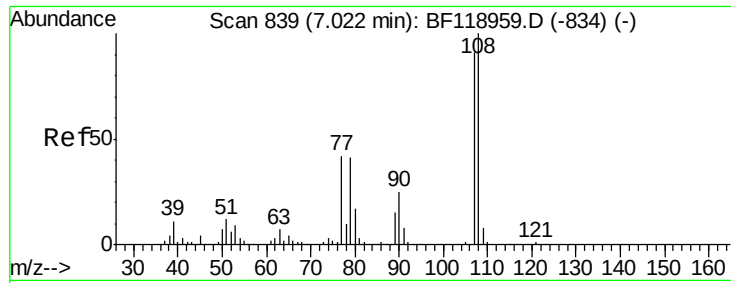
Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Tgt Ion:	45	Resp:	240706
Ion Ratio	Lower	Upper	
45	100		
77	67.7	15.0	55.0#
79	61.4	9.4	49.4#





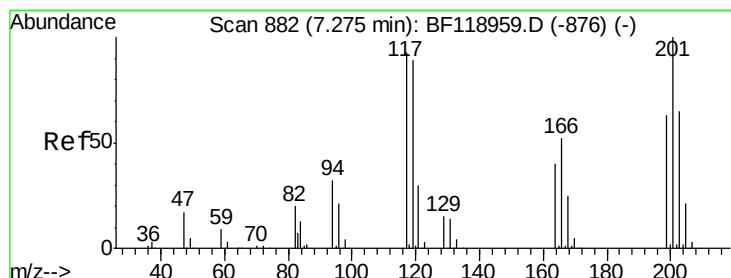
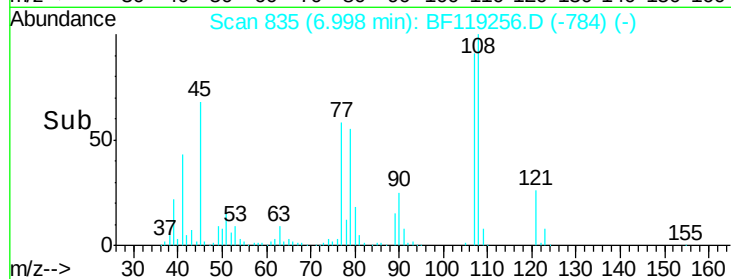
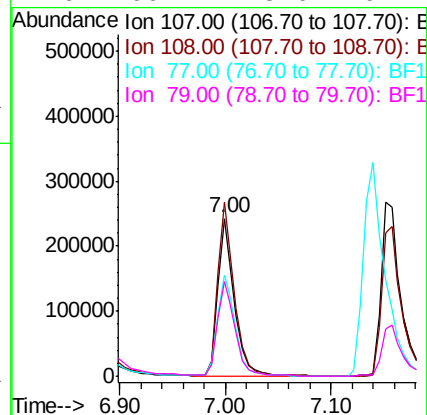
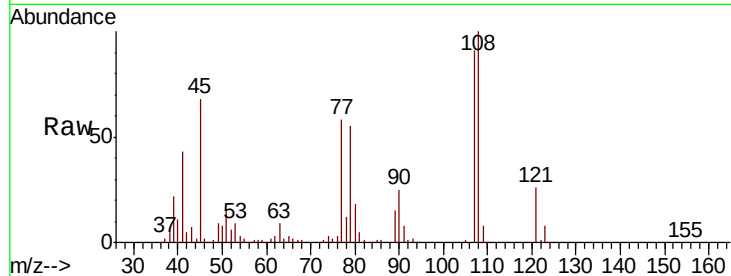
#17
2-Methylphenol
Concen: 49.666 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	87.9	131.9	
77	64.3	45.3	67.9	
79	60.2	43.0	64.4	

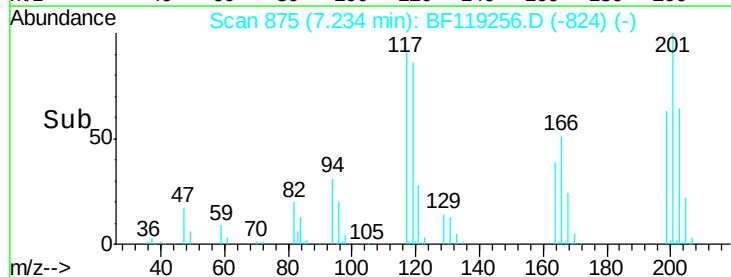
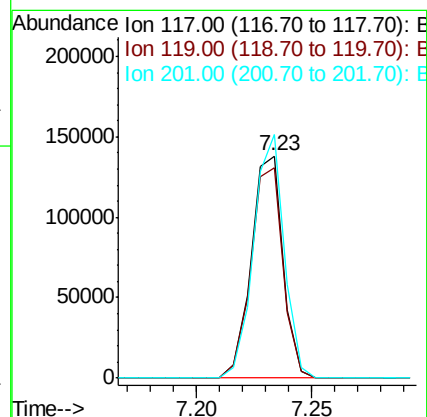
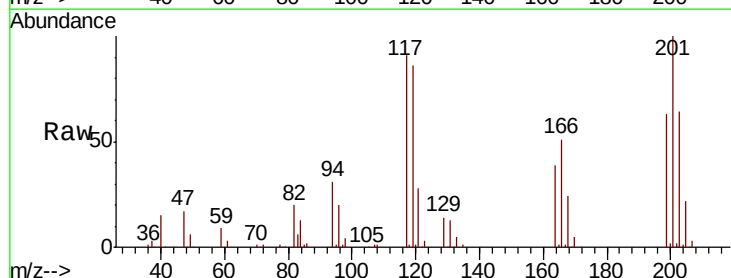
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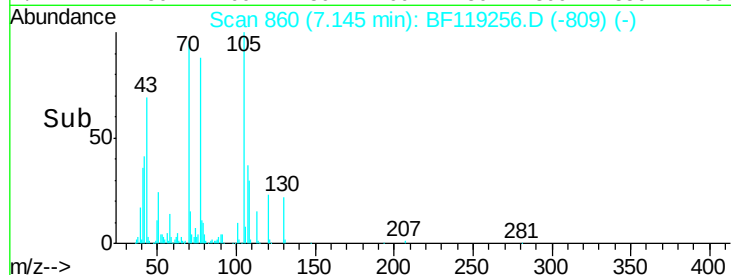
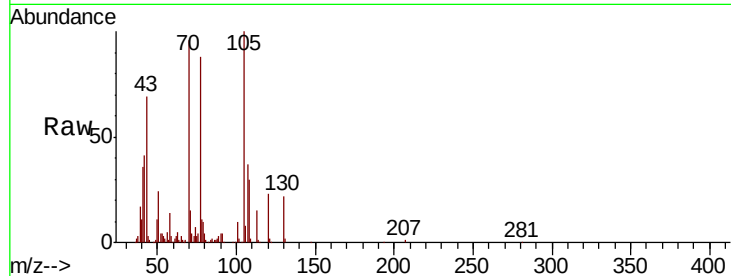
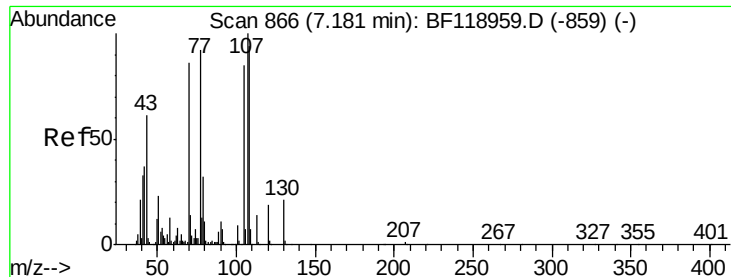
mohammad
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#18
Hexachloroethane
Concen: 46.741 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	77.5	116.3	
201	109.5	82.6	123.8	





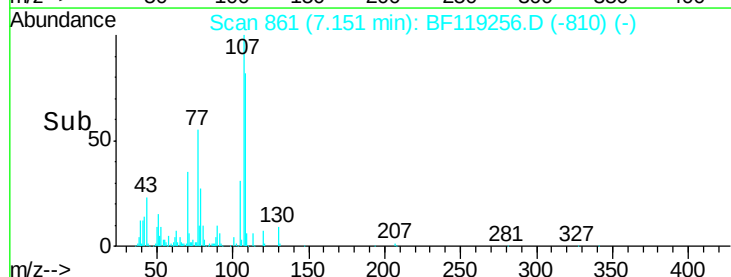
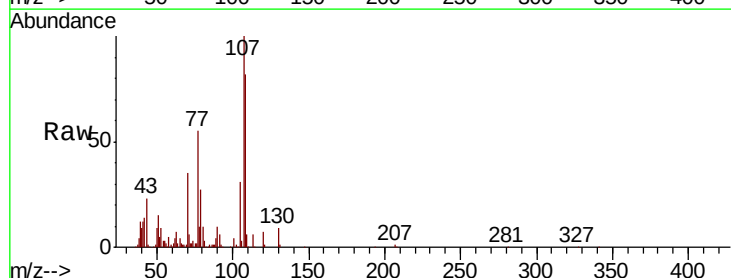
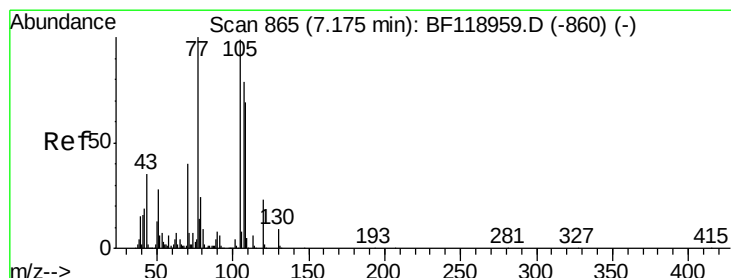
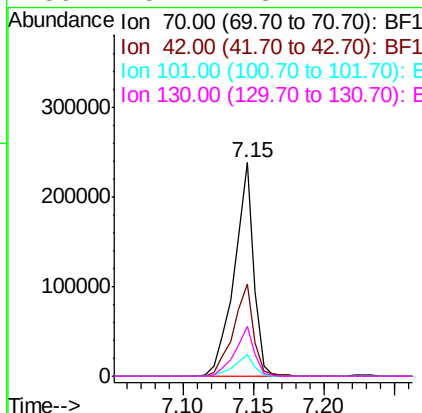
#19
n-Nitroso-di-n-propylamine
Concen: 52.245 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		227227		
42	43.1	38.0	57.0		
101	9.9	8.2	12.4		
130	23.1	18.2	27.4		

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

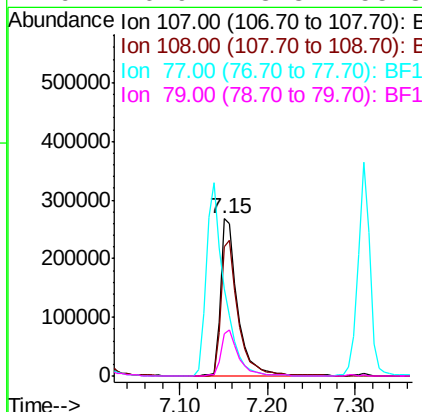
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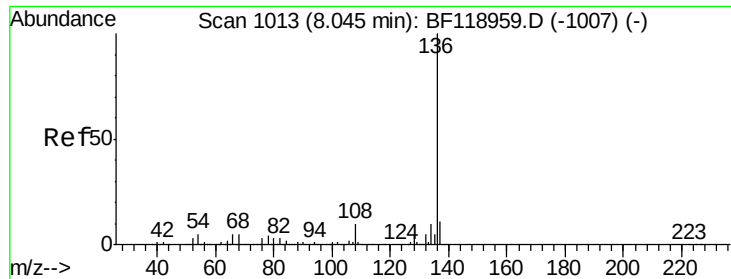
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#20
3+4-Methylphenols
Concen: 54.055 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		355610		
108	82.3	71.5	111.5		
77	55.1	45.9	85.9		
79	26.9	13.8	53.8		





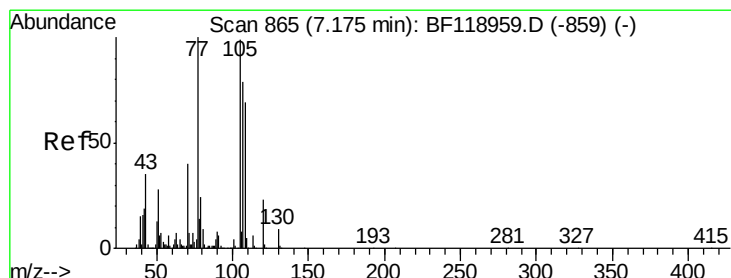
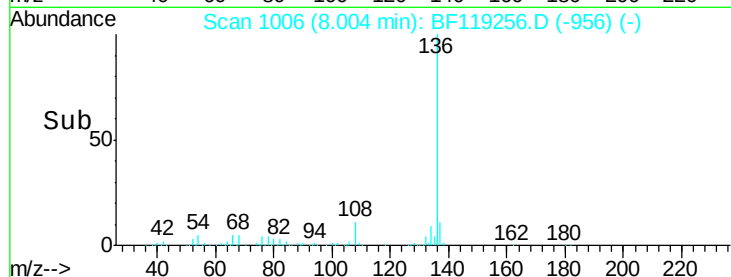
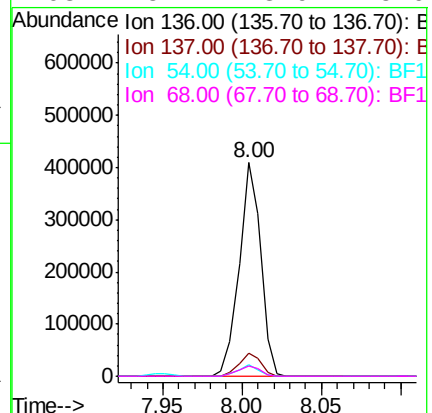
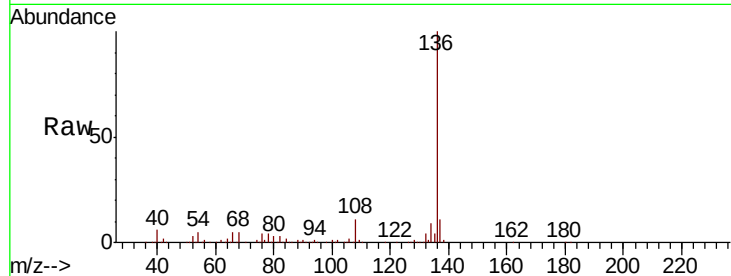
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		386628		
137	10.9		8.8	13.2	
54	5.3		3.8	5.6	
68	5.1		3.9	5.9	

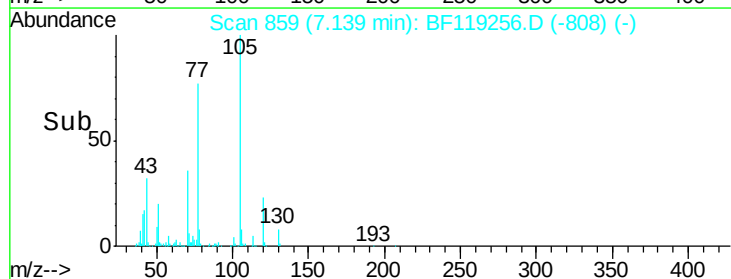
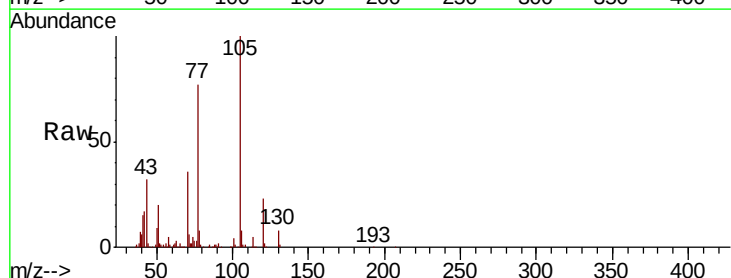
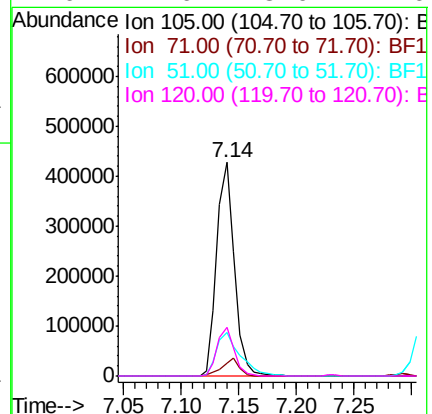
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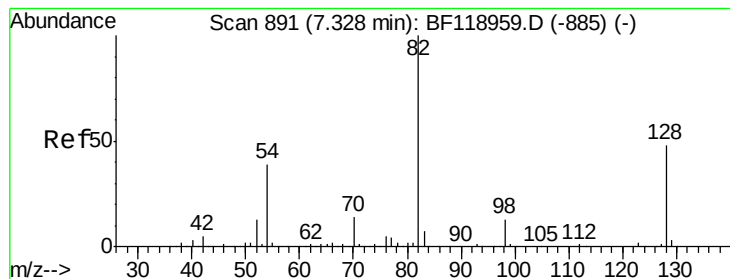
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#22
Acetophenone
Concen: 50.890 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		455241		
71	6.0		3.0	4.4#	
51	20.2		20.1	30.1	
120	22.6		18.0	27.0	





#23

Nitrobenzene-d5

Concen: 81.884 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

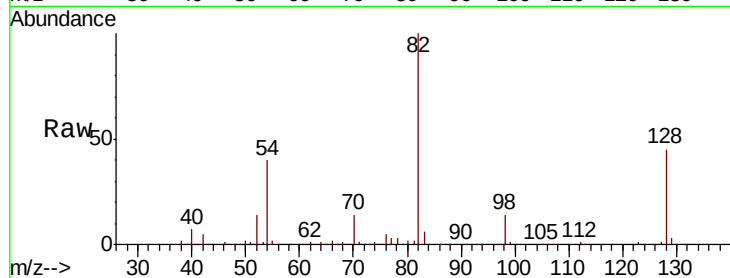
ClientSampleId :

GP-10-030220MS

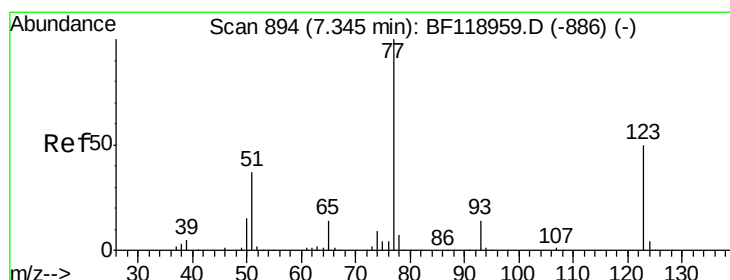
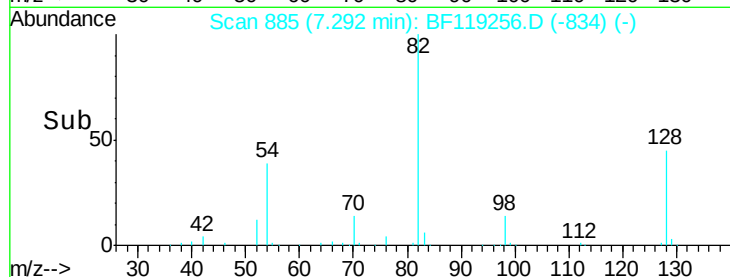
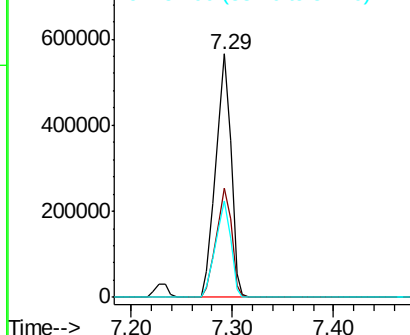
Tot Ion:	82	Resp:	599599
Ion Ratio	Lower	Upper	
82	100		
128	44.8	37.9	56.9
54	39.8	33.4	50.2

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 47.780 ng

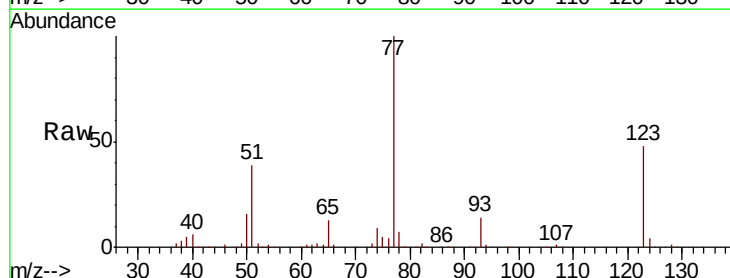
RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

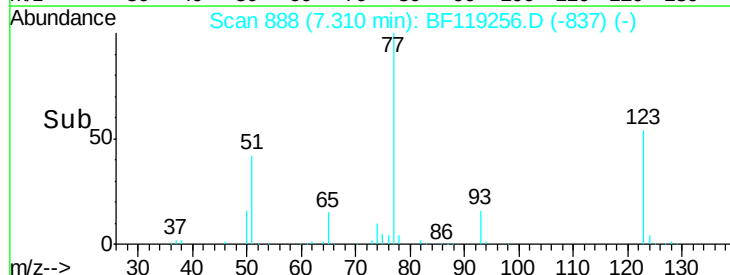
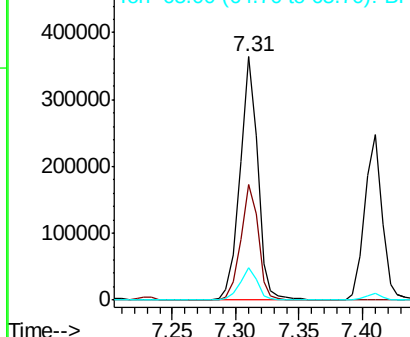
Lab File: BF119256.D

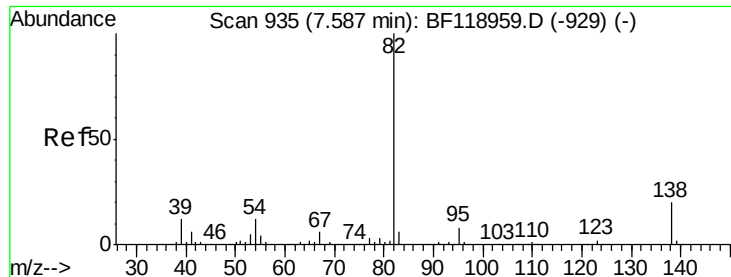
Acq: 6 Mar 2020 18:13

Tgt Ion:	77	Resp:	345987
Ion Ratio	Lower	Upper	
77	100		
123	47.6	40.2	60.2
65	13.4	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 48.836 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

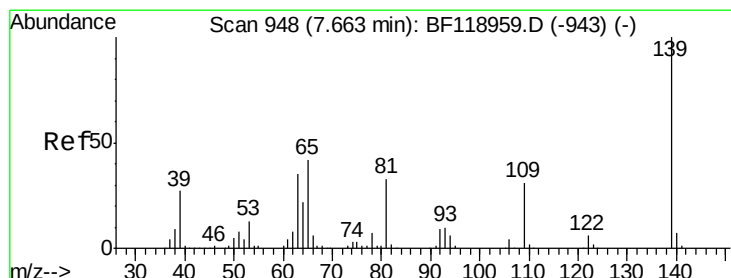
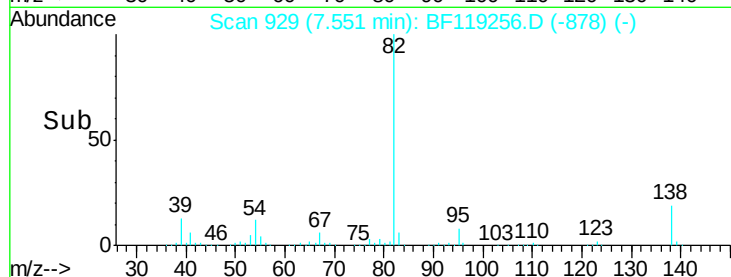
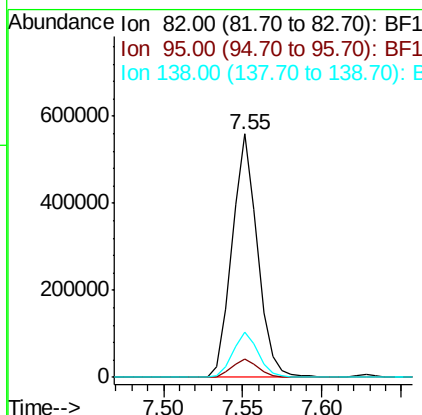
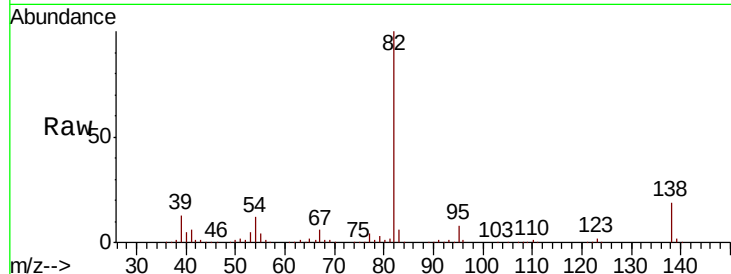
ClientSampleId :

GP-10-030220MS

Tot Ion:	82	Resp:	621043
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.4	9.6
138	18.8	15.7	23.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.293 ng

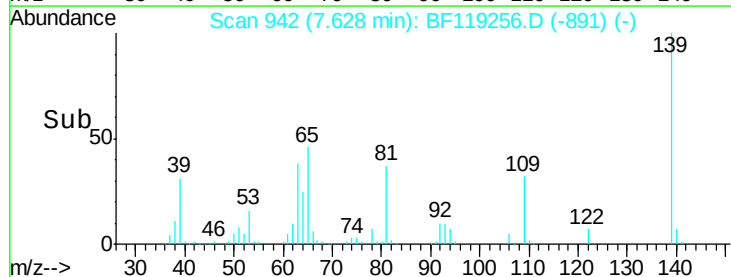
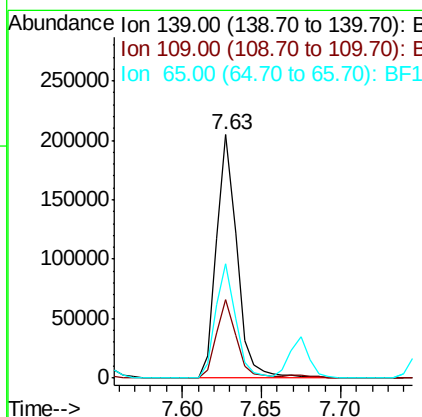
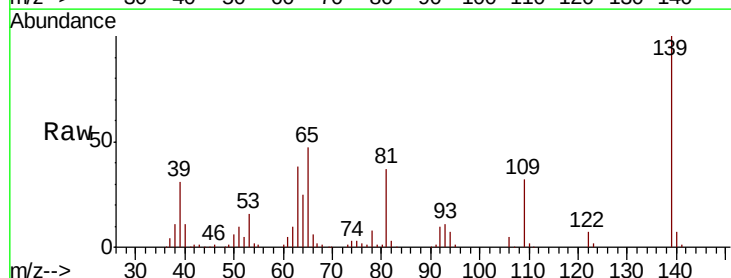
RT: 7.63 min Scan# 942

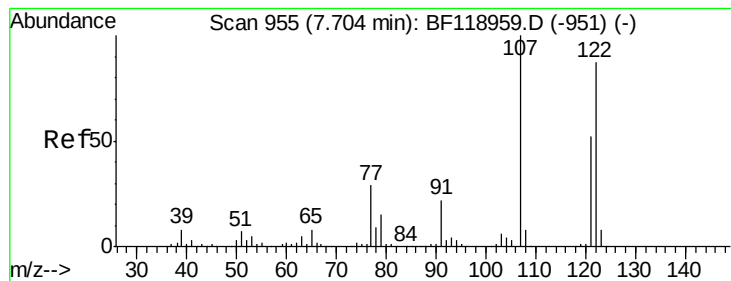
Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Tgt Ion:	139	Resp:	185289
Ion Ratio	Lower	Upper	
139	100		
109	32.1	25.7	38.5
65	46.9	37.1	55.7





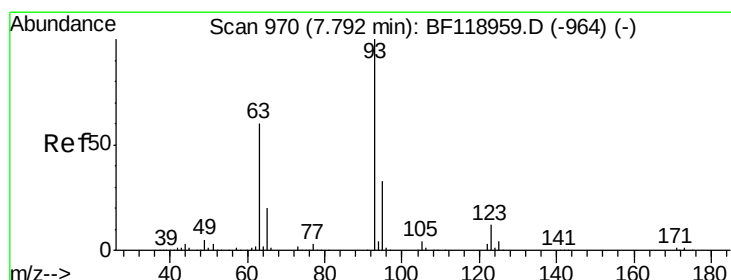
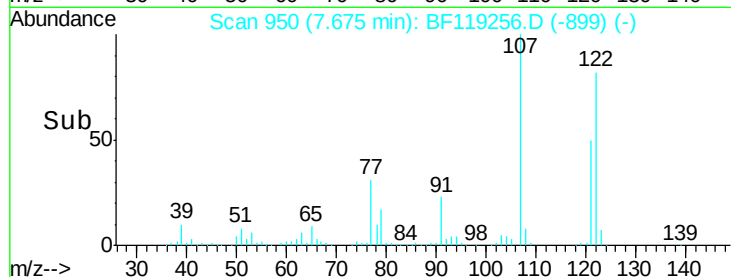
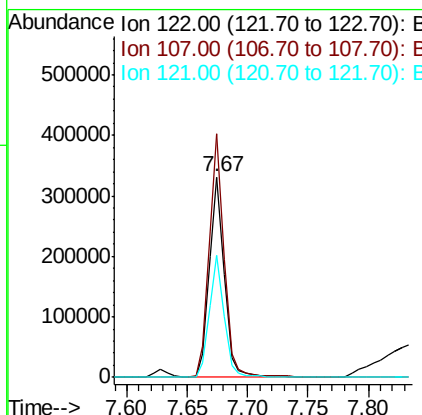
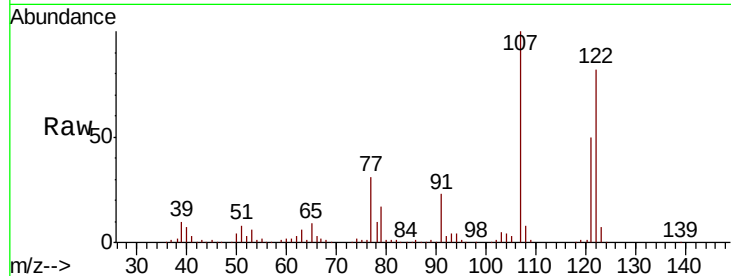
#27
 2,4-Dimethylphenol
 Concen: 55.130 ng
 RT: 7.67 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 GP-10-030220MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		287070		
107	121.4	93.8	140.6		
121	61.1	48.2	72.2		

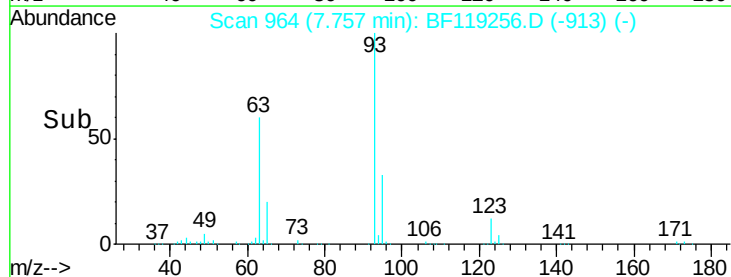
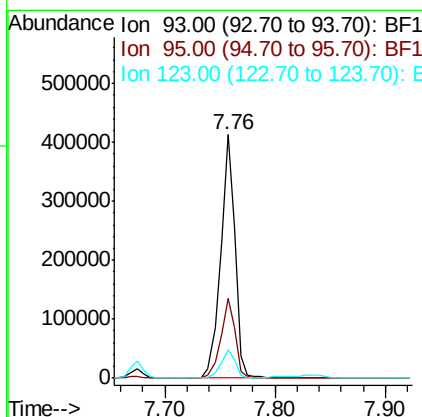
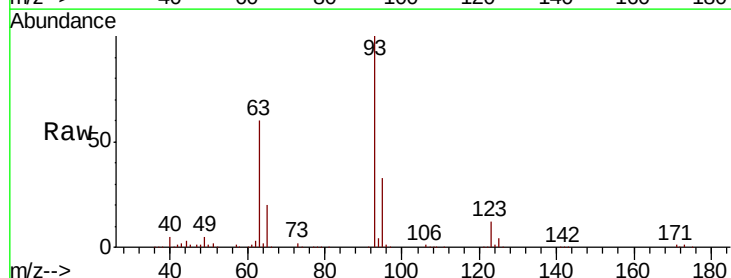
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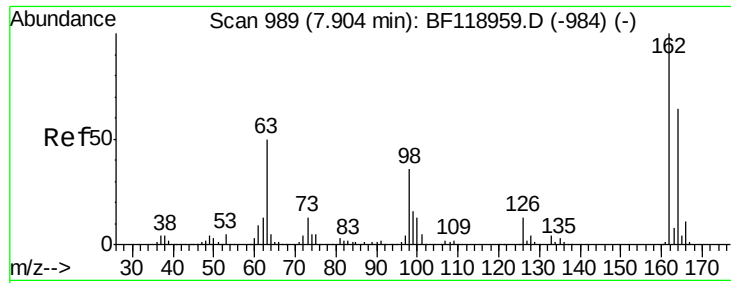
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.128 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		373544		
95	32.8	26.5	39.7		
123	11.6	10.2	15.2		





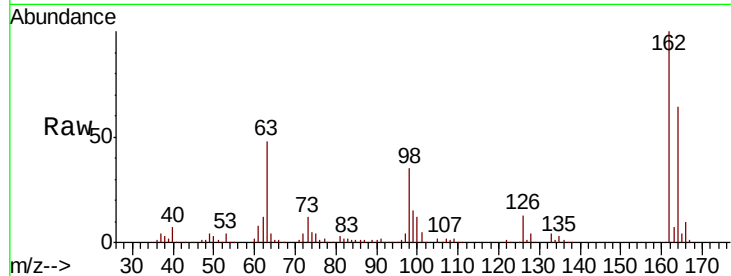
#29
2,4-Dichlorophenol
Concen: 47.880 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

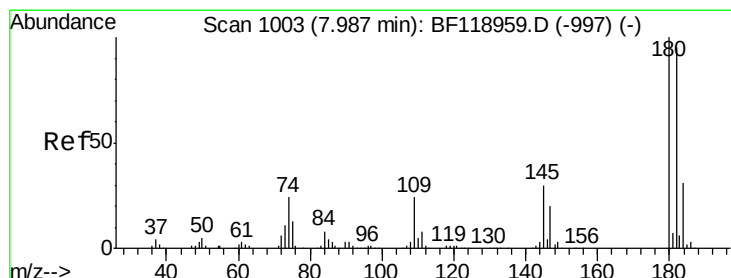
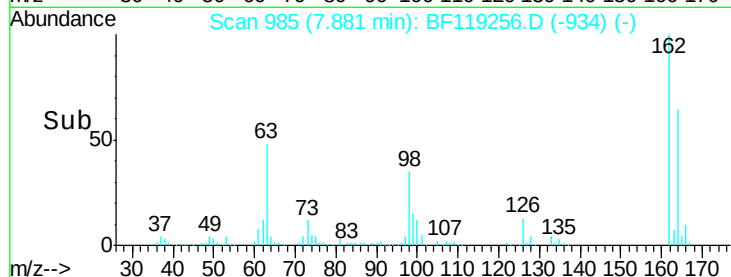
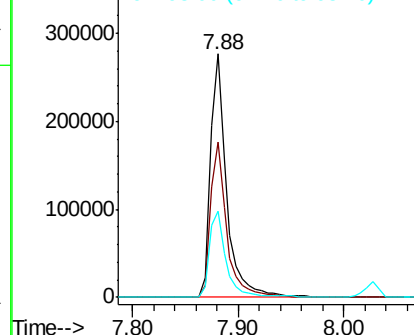
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		293507		
164	63.5	45.2	85.2		
98	35.4	17.4	57.4		

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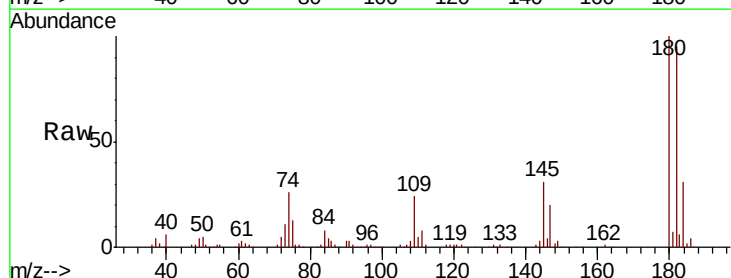


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

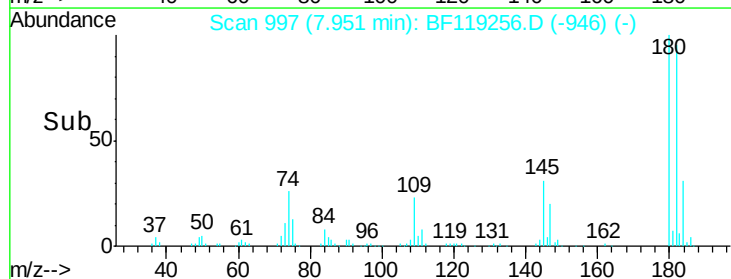
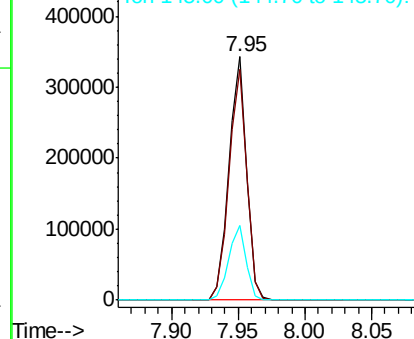


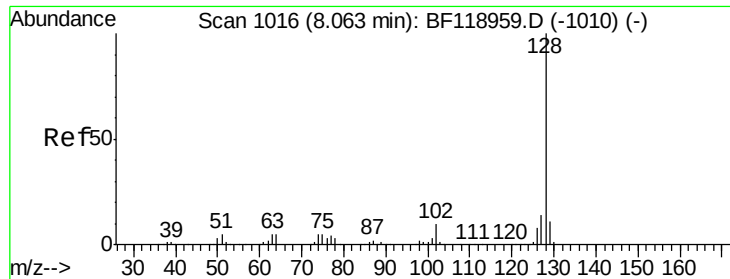
#30
1,2,4-Trichlorobenzene
Concen: 44.382 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		322572		
182	94.7	77.8	116.6		
145	30.5	25.2	37.8		



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





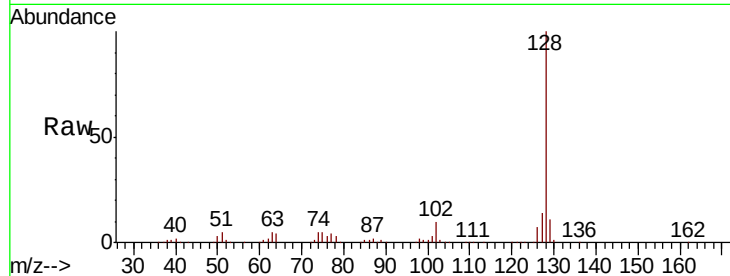
#31
Naphthalene
Concen: 47.922 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

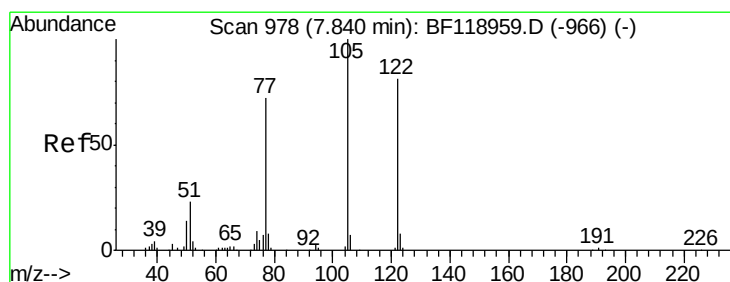
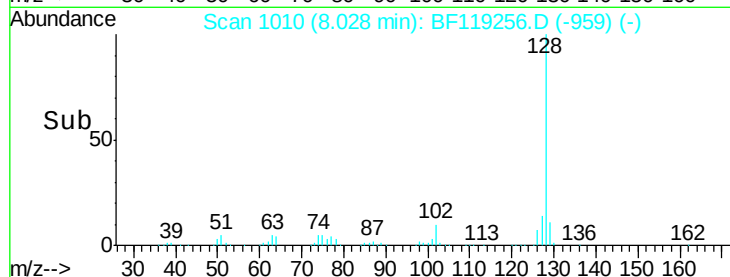
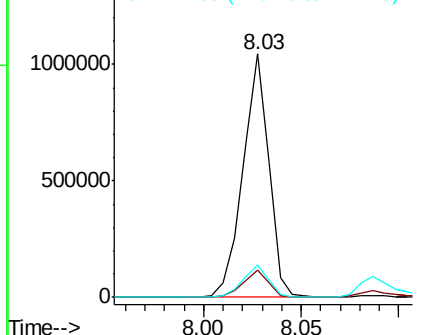
Tot Ion	Ratio	Resp	Lower	Upper
128	100	960884		
129	11.3		9.4	14.2
127	13.5		11.4	17.2

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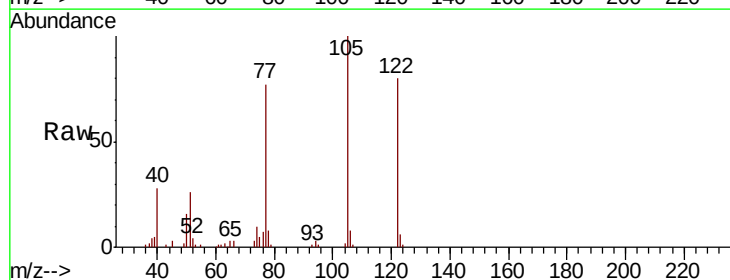


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

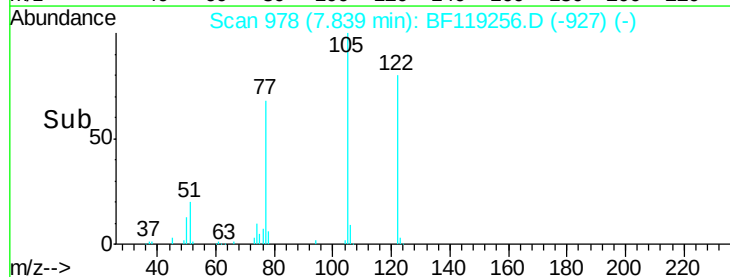
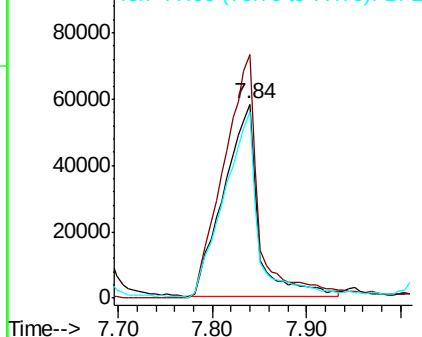


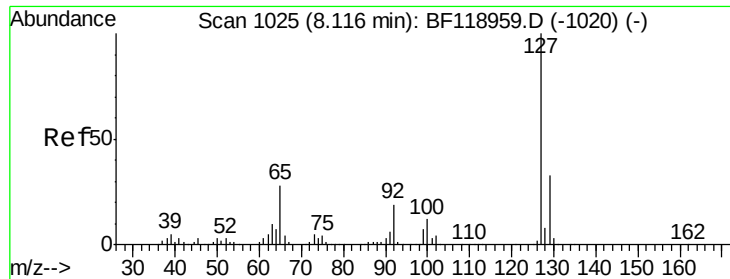
#32
Benzoic acid
Concen: 40.268 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	148248		
105	125.4		106.3	146.3
77	96.0		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





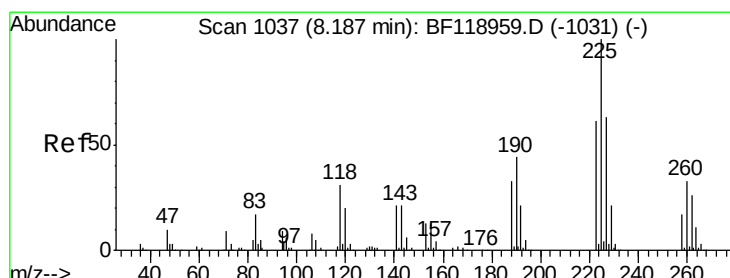
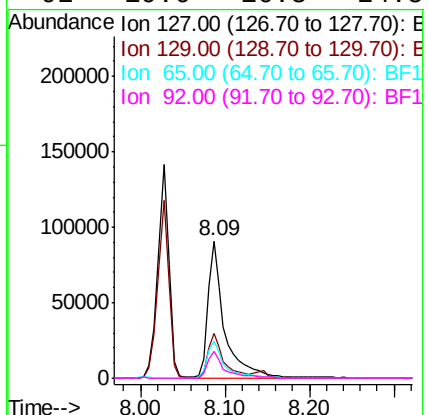
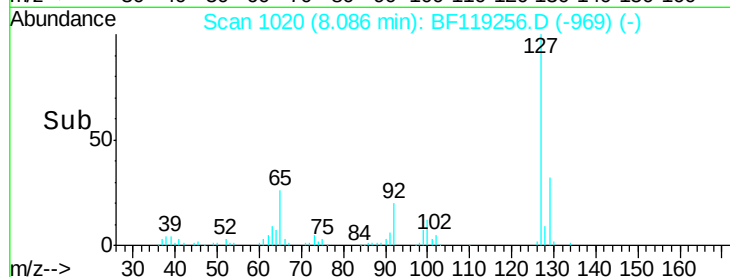
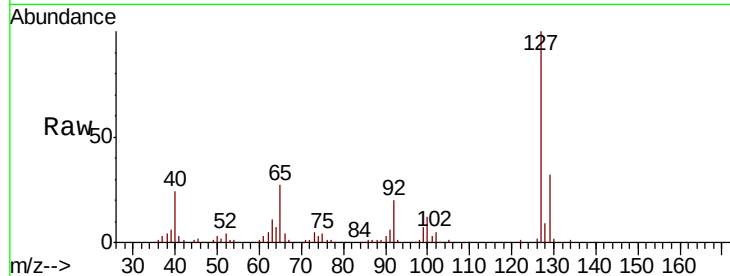
#33
4-Chloroaniline
Concen: 14.410 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.9	38.9		
65	27.3	23.9	35.9		
92	19.6	16.3	24.5		

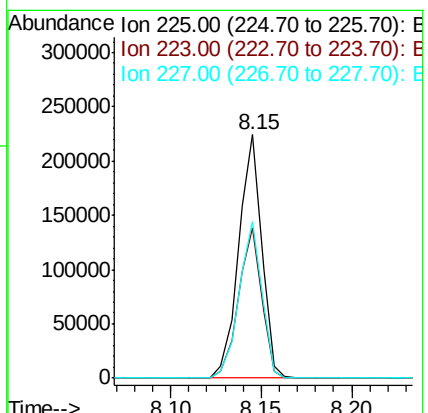
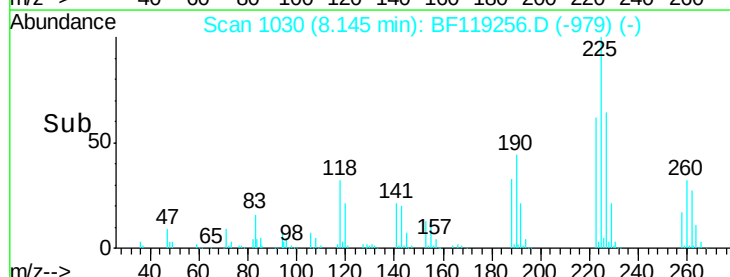
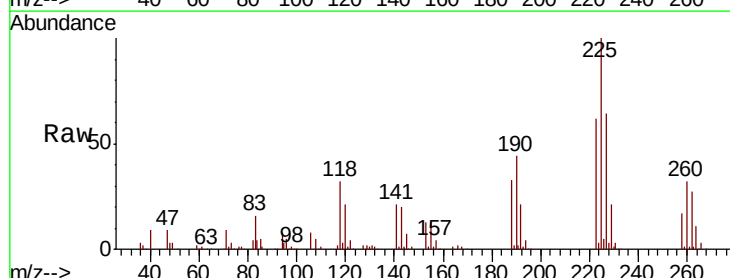
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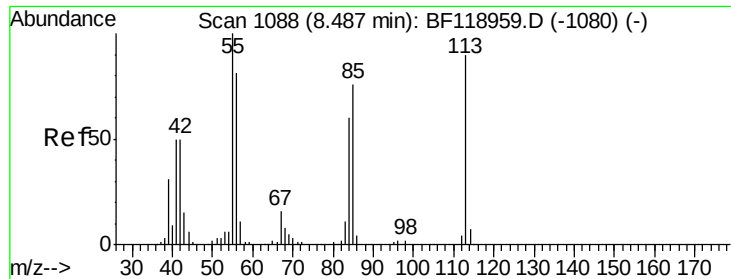
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#34
Hexachlorobutadiene
Concen: 43.631 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	49.4	74.2		
227	64.4	52.9	79.3		





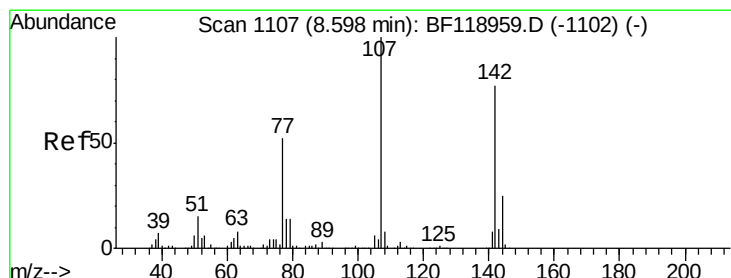
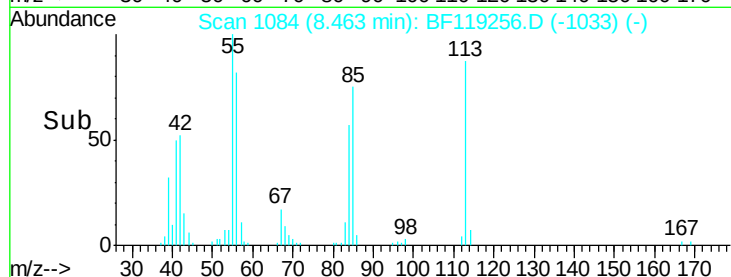
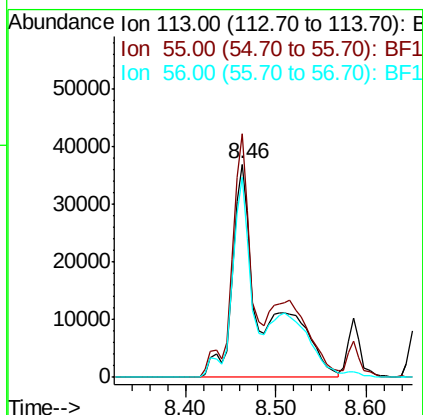
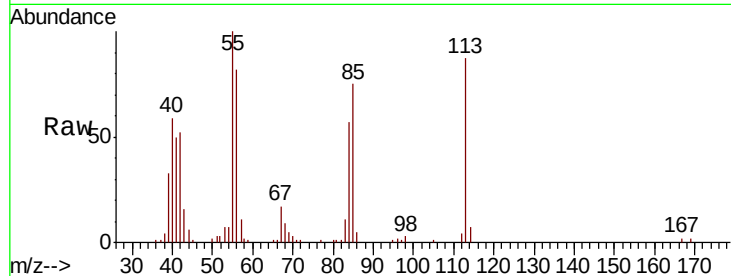
#35
Caprolactam
Concen: 47.893 ng/ml
RT: 8.46 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion: 113 Resp: 90400
Ion Ratio Lower Upper
113 100
55 114.3 95.7 135.7
56 93.9 73.1 113.1

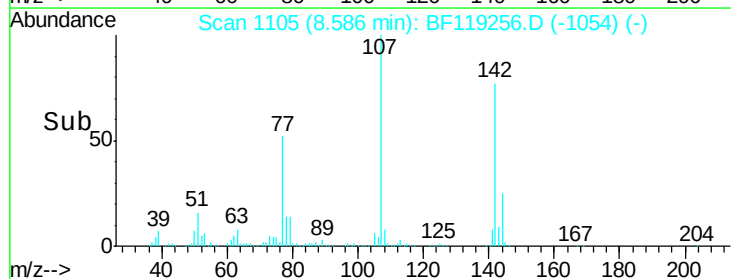
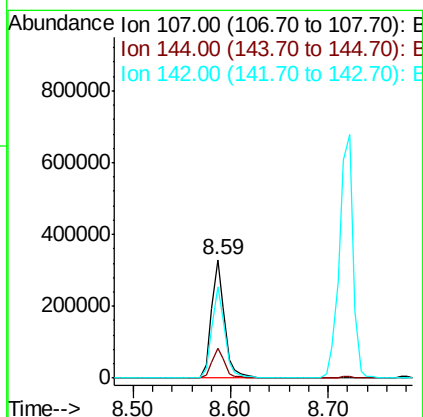
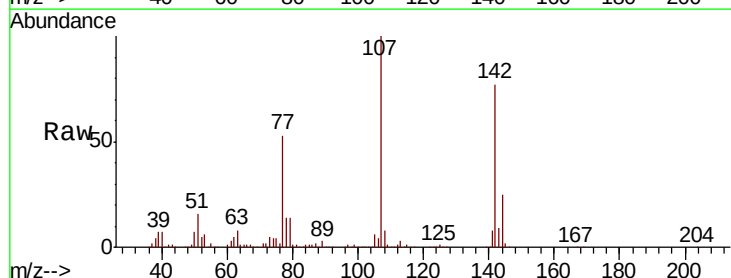
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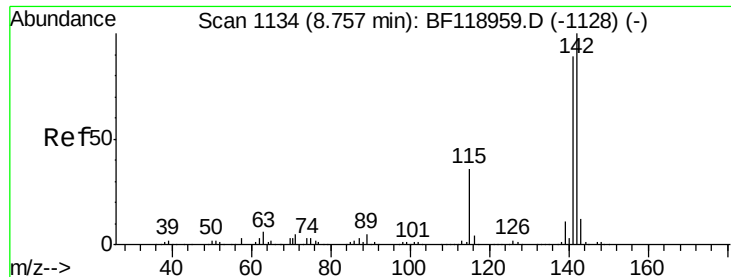
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#36
4-Chloro-3-methylphenol
Concen: 49.686 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion: 107 Resp: 308248
Ion Ratio Lower Upper
107 100
144 25.0 20.1 30.1
142 77.5 61.4 92.2





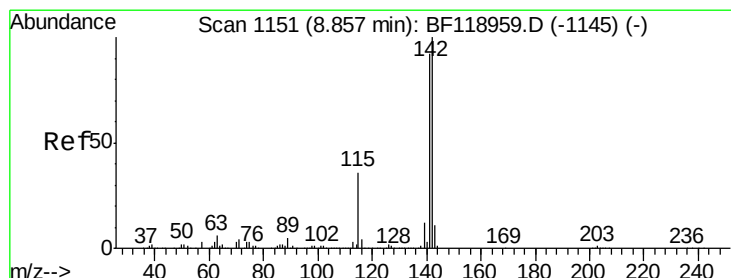
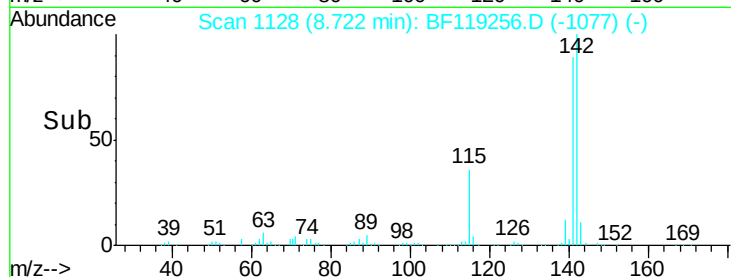
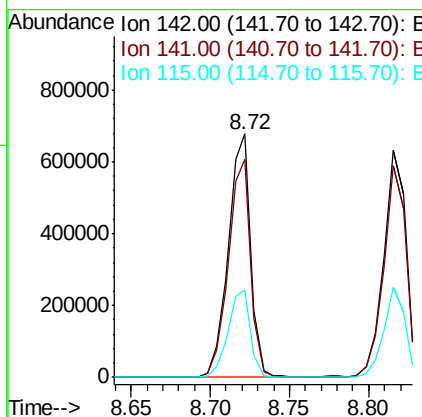
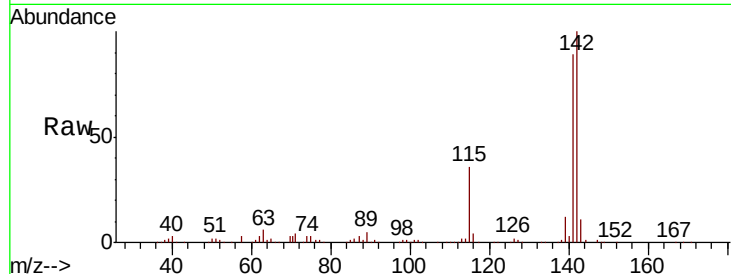
#37
2-Methylnaphthalene
Concen: 49.019 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.3	108.5
115	35.7	30.6	45.8

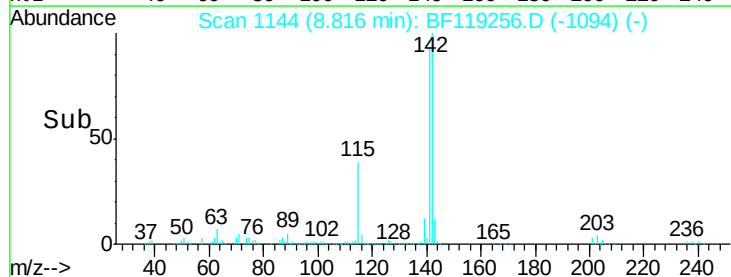
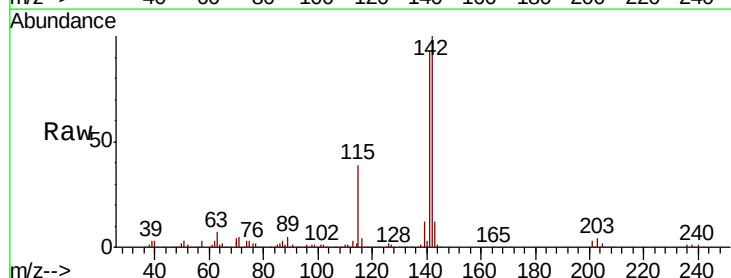
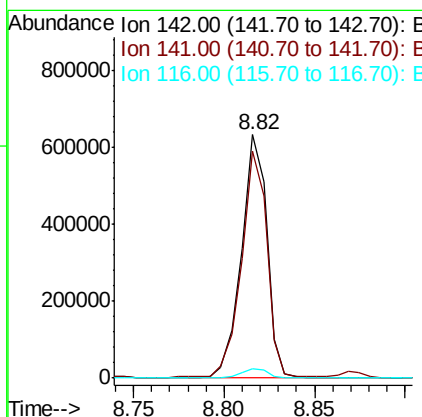
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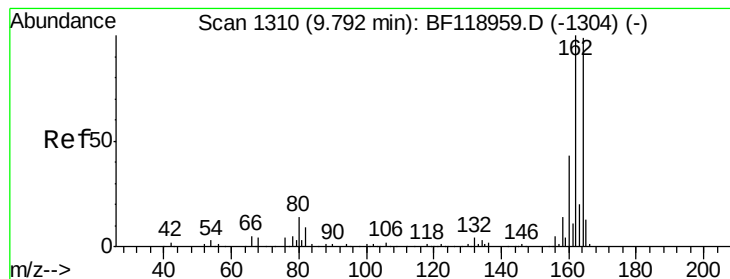
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#38
1-Methylnaphthalene
Concen: 48.630 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.8	113.6
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampleId :

GP-10-030220MS

Tot Ion:164 Resp: 216358

Ion Ratio Lower Upper

164 100

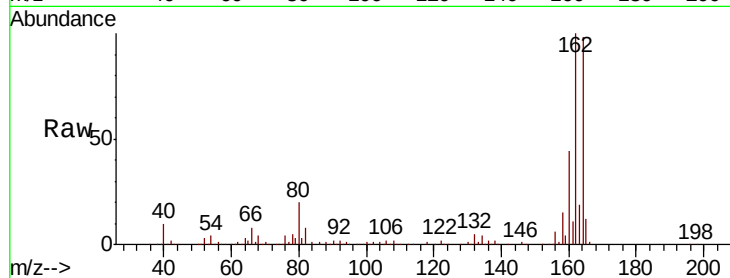
162 102.4 81.8 122.8

160 44.8 36.0 54.0

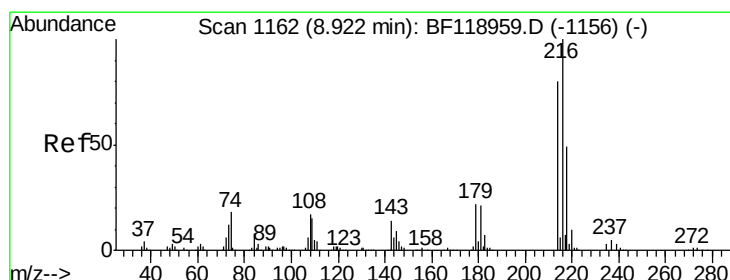
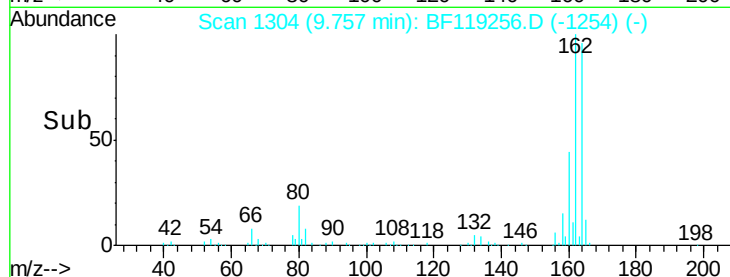
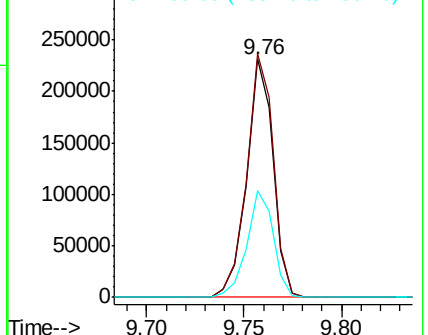
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.963 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Tgt Ion:216 Resp: 327993

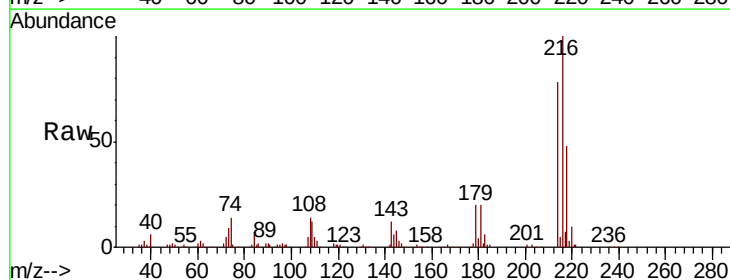
Ion Ratio Lower Upper

216 100

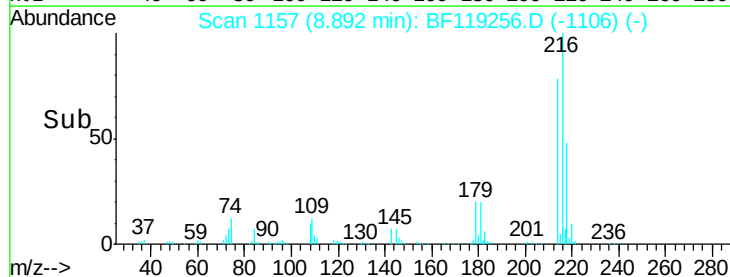
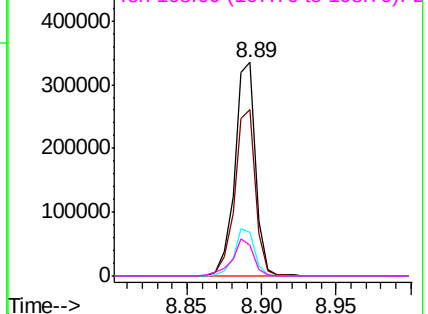
214 77.8 63.3 94.9

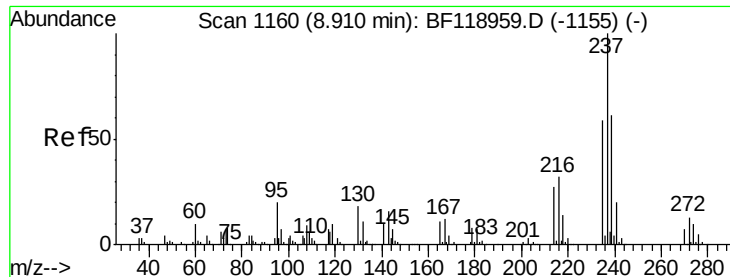
179 21.3 17.7 26.5

108 17.8 13.9 20.9



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





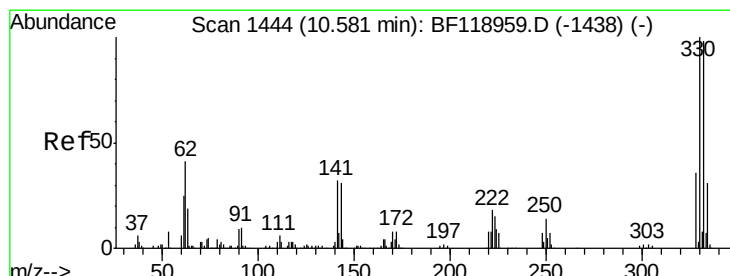
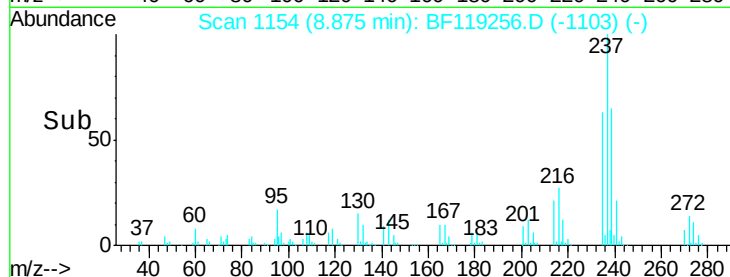
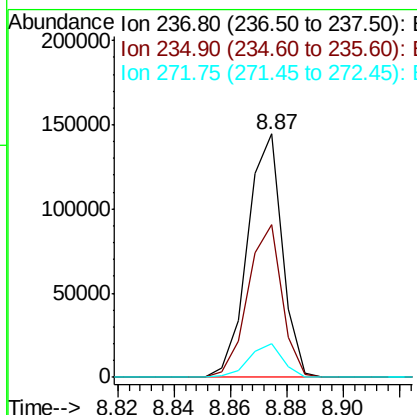
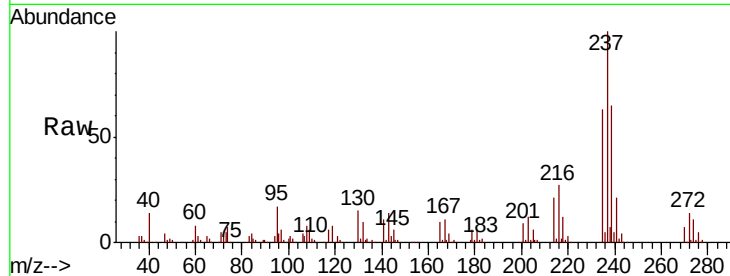
#41
Hexachlorocyclopentadiene
Concen: 50.339 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.6	42.3	82.3
272	13.8	0.0	33.5

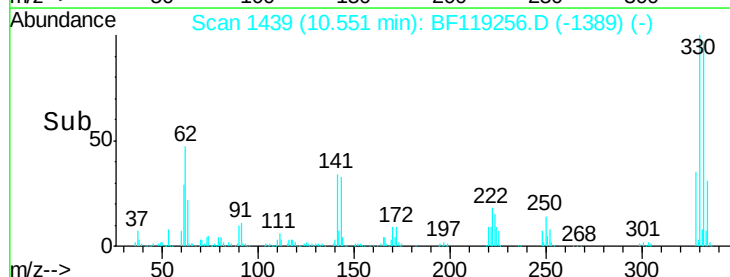
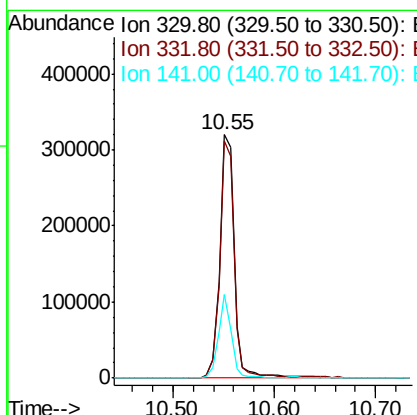
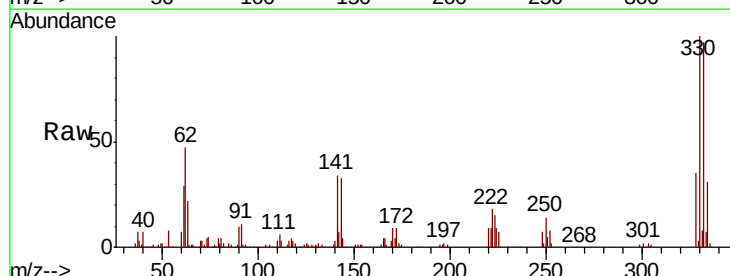
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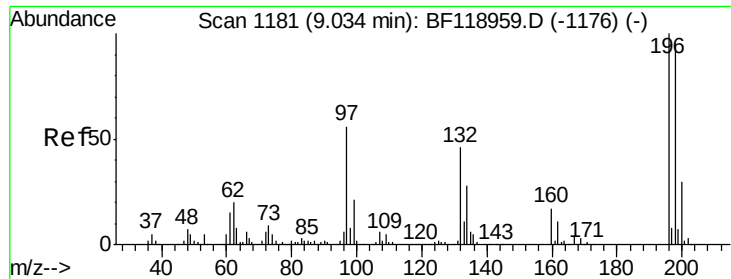
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#42
2,4,6-Tribromophenol
Concen: 113.593 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.4	76.0	114.0
141	30.4	22.9	34.3





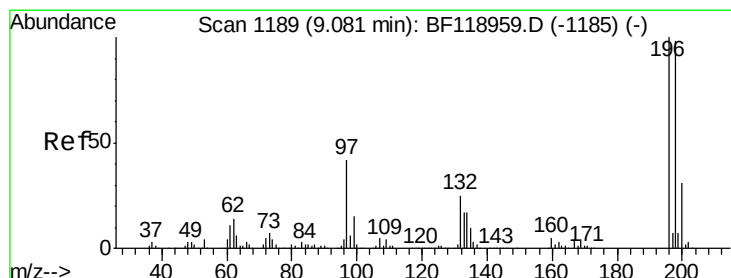
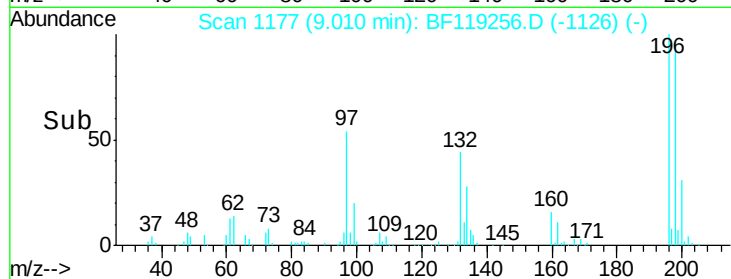
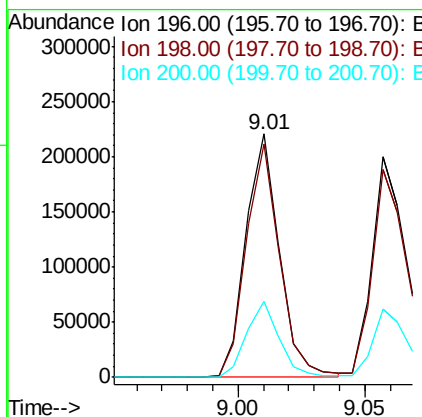
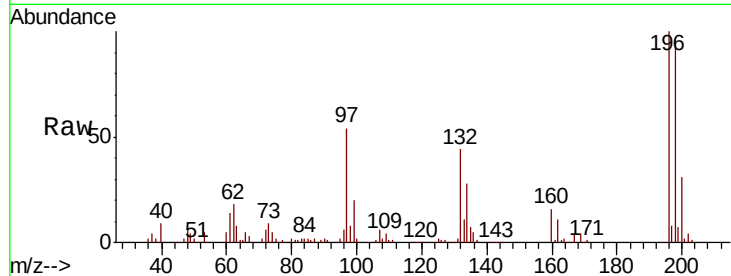
#43
 2,4,6-Trichlorophenol
 Concen: 44.438 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 GP-10-030220MS

Tot Ion:	196	Resp:	204705
Ion Ratio	Lower	Upper	
196	100		
198	96.0	77.1	115.7
200	31.0	25.0	37.6

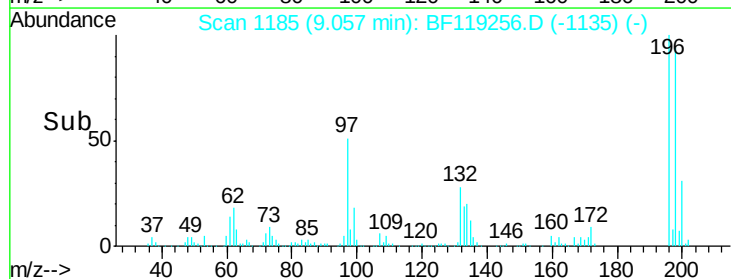
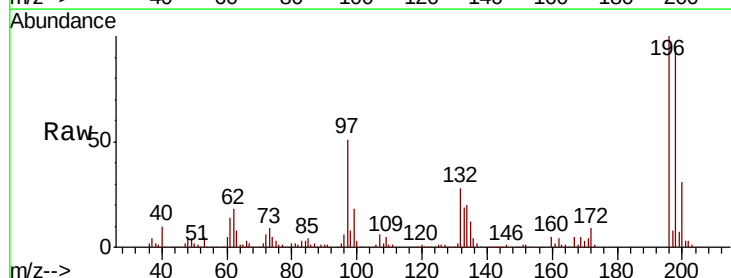
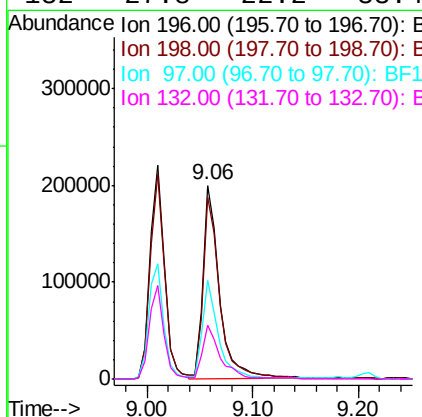
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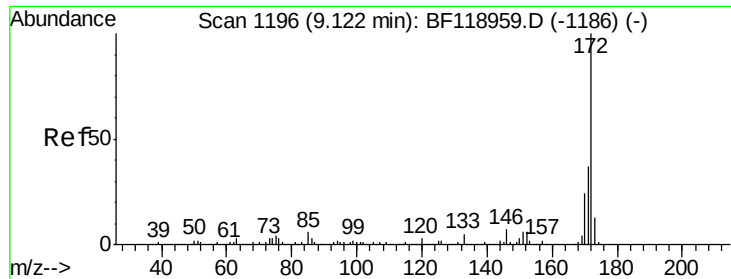
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#44
 2,4,5-Trichlorophenol
 Concen: 44.648 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Tgt Ion:	196	Resp:	215823
Ion Ratio	Lower	Upper	
196	100		
198	94.2	76.8	115.2
97	50.8	38.5	57.7
132	27.8	22.2	33.4





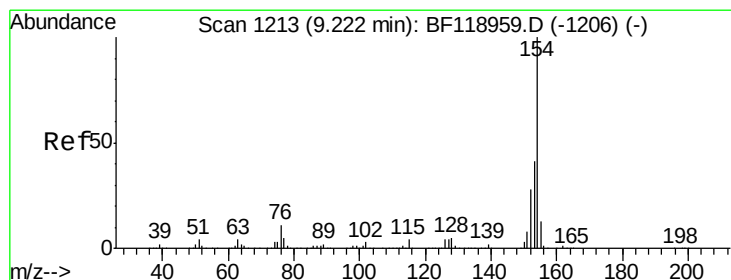
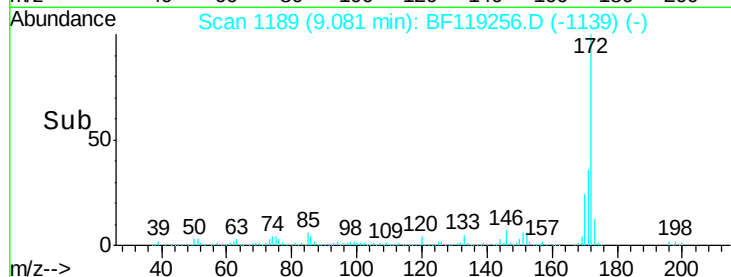
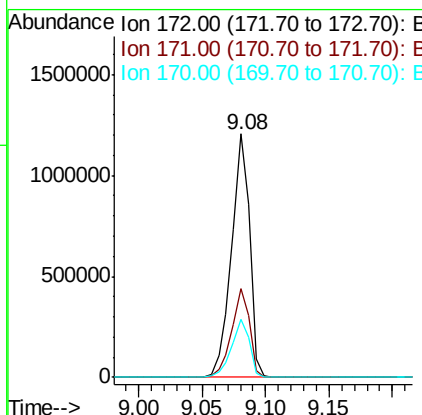
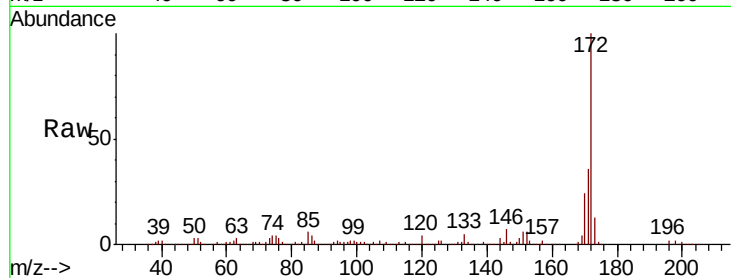
#45
2-Fluorobiphenyl
Concen: 80.462 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	45.8
170	23.9	20.2	30.2

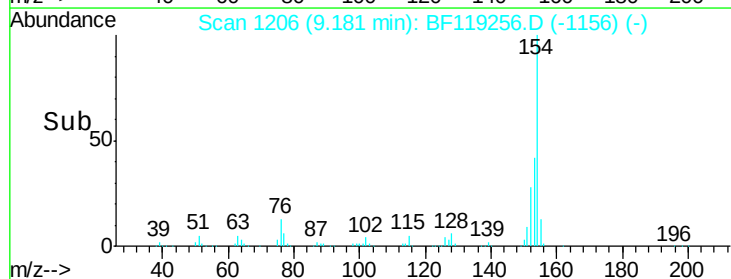
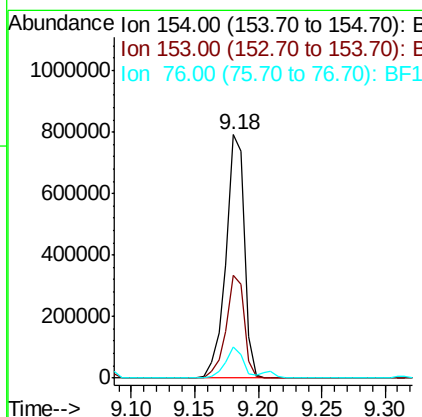
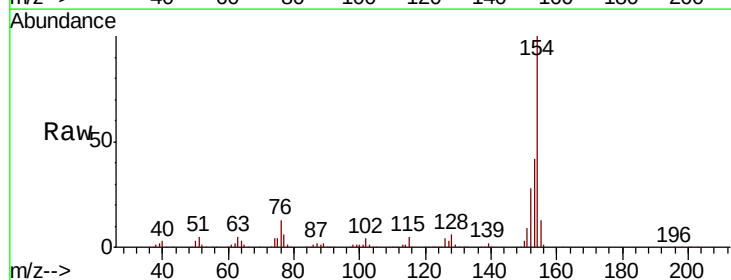
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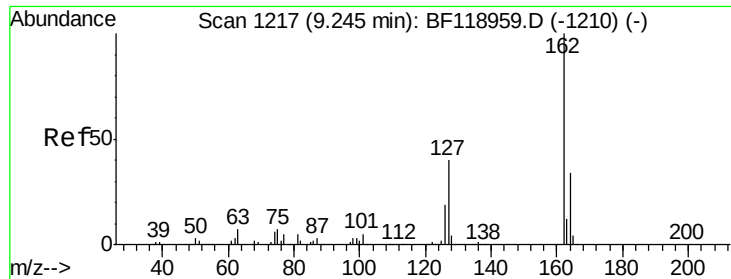
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#46
1,1'-Biphenyl
Concen: 45.622 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.8	62.8
76	12.9	0.0	32.2





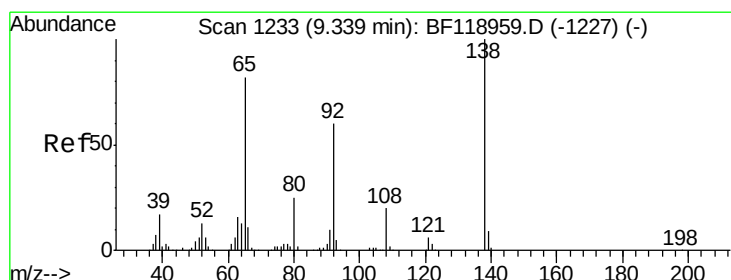
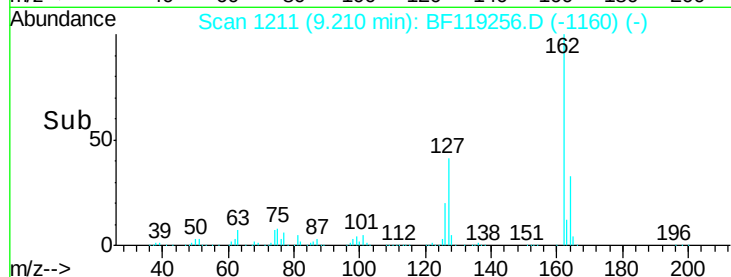
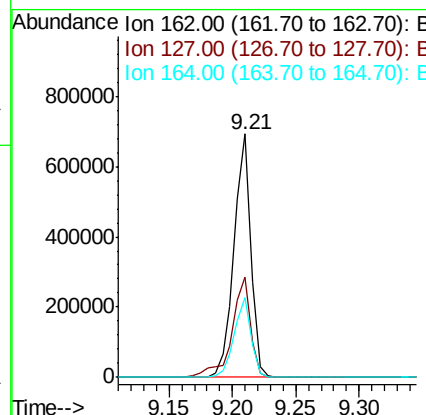
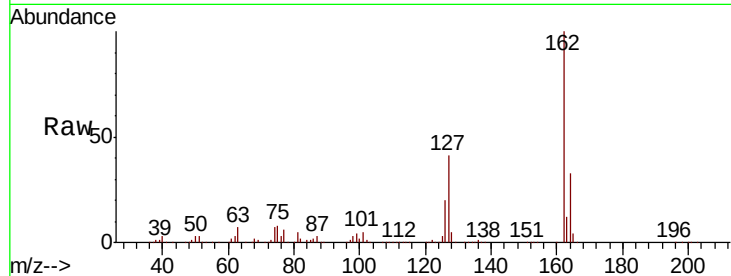
#47
 2-Chloronaphthalene
 Concen: 45.028 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 GP-10-030220MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	634500		
127	41.2	35.0	52.4	
164	32.7	27.2	40.8	

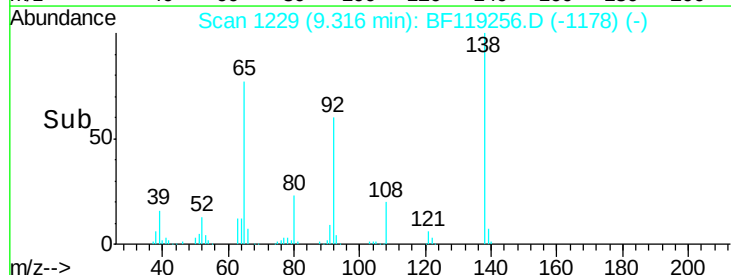
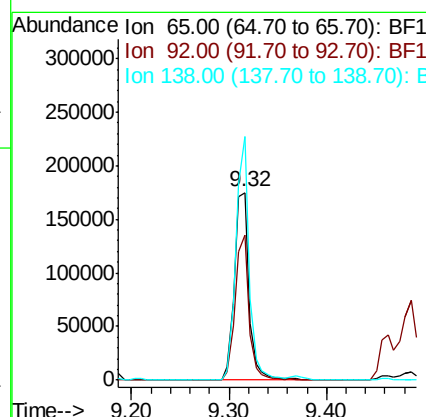
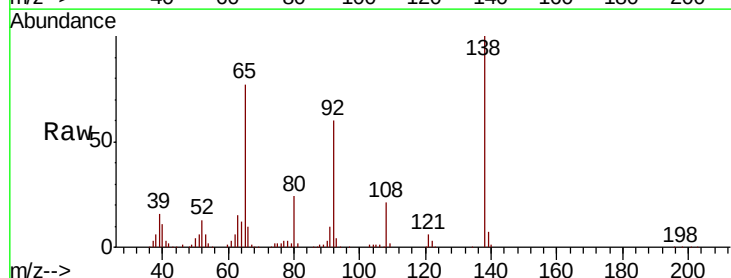
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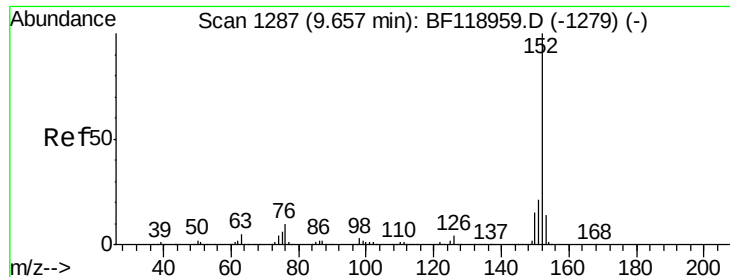
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#48
 2-Nitroaniline
 Concen: 47.147 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	185303		
92	77.2	58.2	87.2	
138	129.6	95.6	143.4	





#49

Acenaphthylene

Concen: 47.855 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

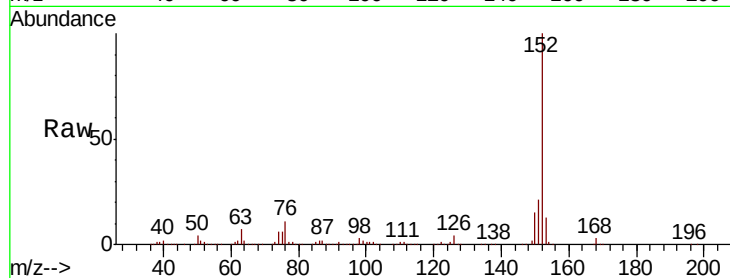
ClientSampleId :

GP-10-030220MS

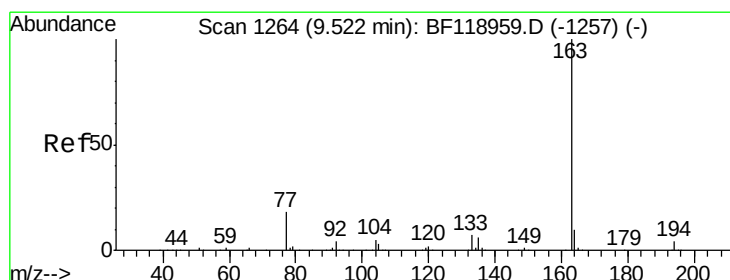
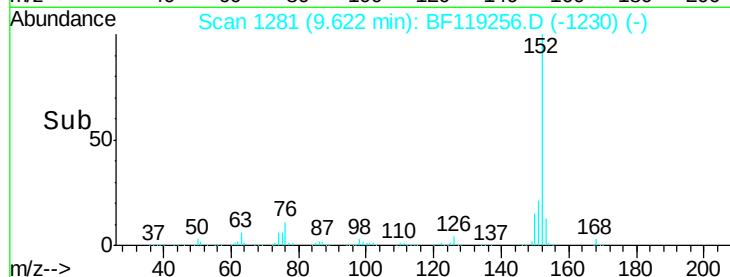
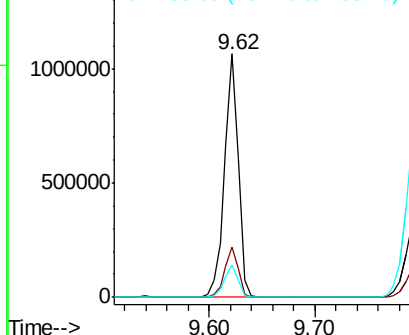
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	13.4	11.0	16.6

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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: 53.042 ng

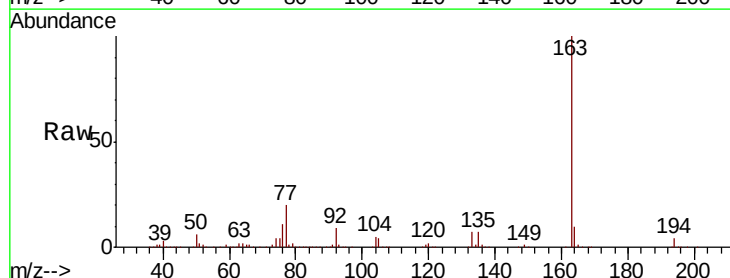
RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

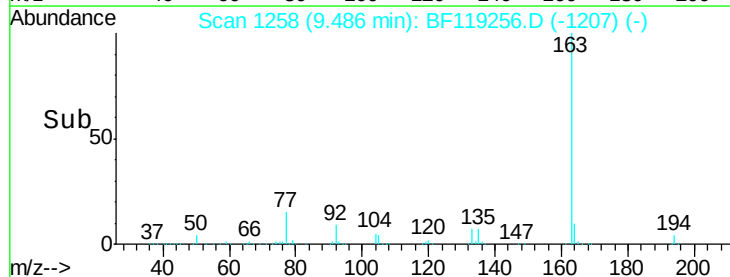
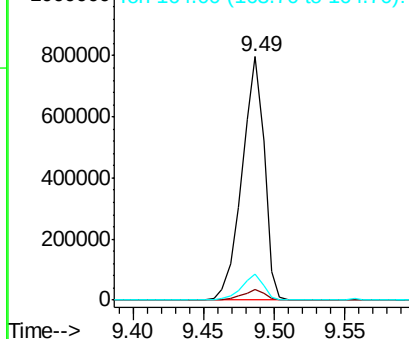
Lab File: BF119256.D

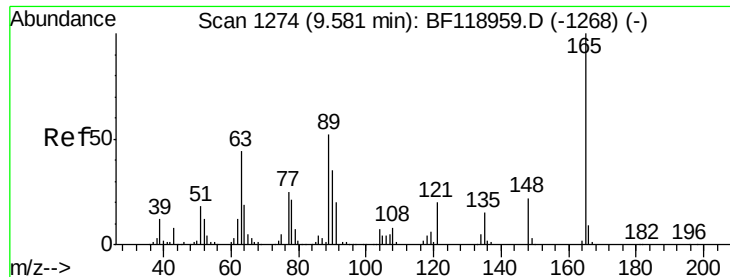
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.5	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: 47.322 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

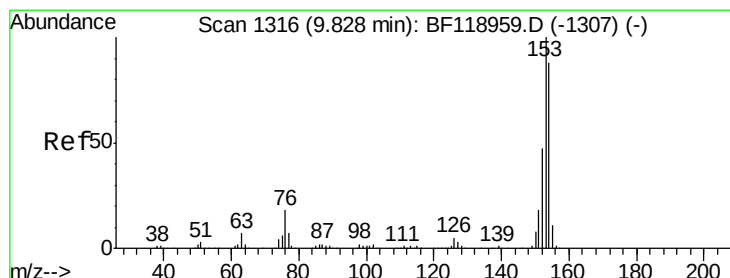
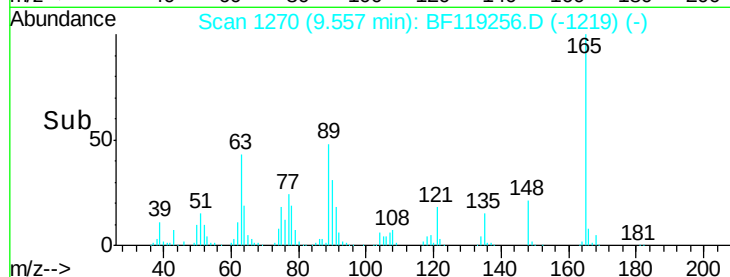
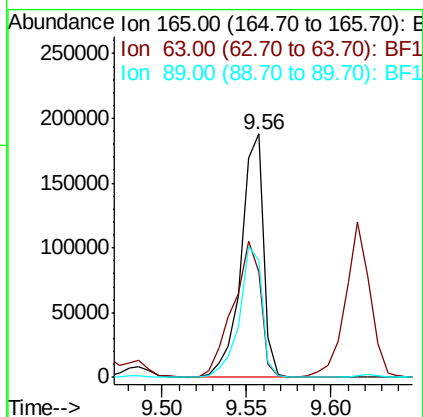
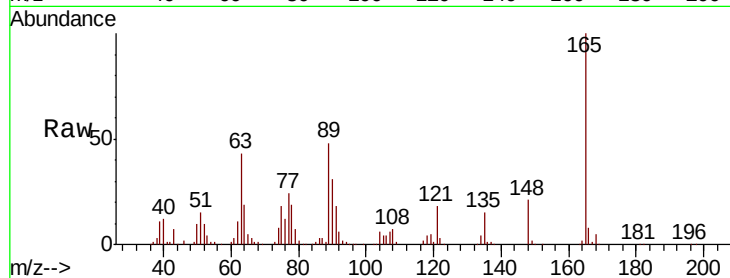
ClientSampleId :

GP-10-030220MS

Tot Ion:	165	Resp:	173940
Ion Ratio	Lower	Upper	
165	100		
63	43.1	34.3	51.5
89	47.8	38.3	57.5

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#52

Acenaphthene

Concen: 46.917 ng

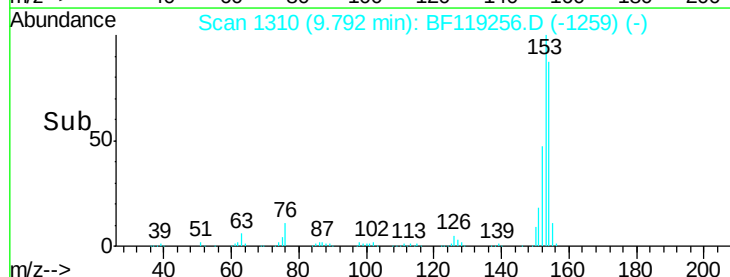
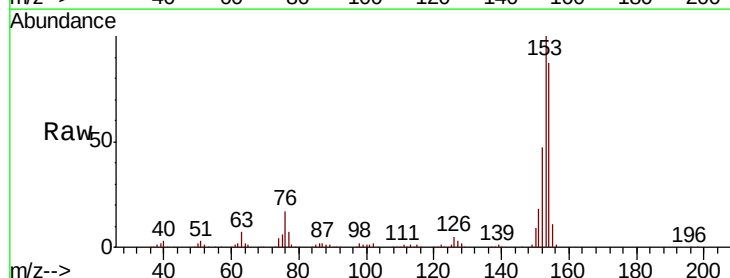
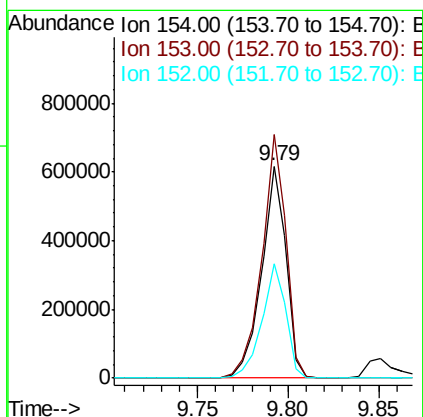
RT: 9.79 min Scan# 1310

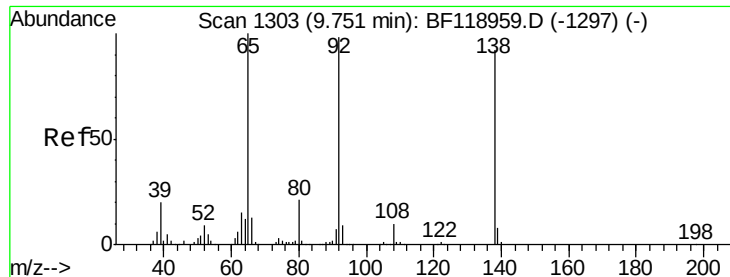
Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Tgt Ion:	154	Resp:	575762
Ion Ratio	Lower	Upper	
154	100		
153	115.0	90.3	135.5
152	53.9	43.8	65.8





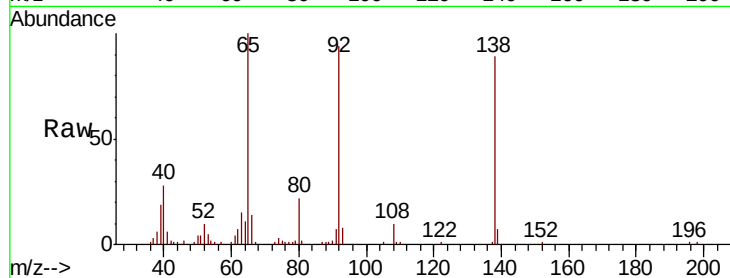
#53
3-Nitroaniline
Concen: 19.964 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.8	13.2
92	106.5	84.8	127.2

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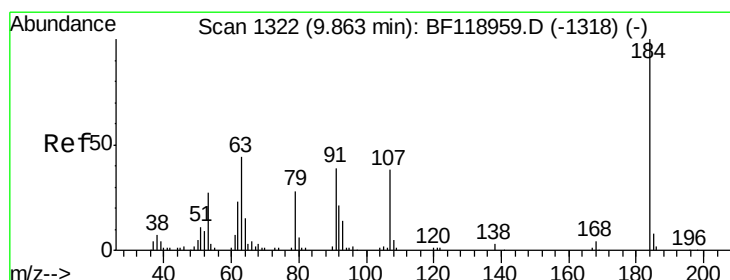
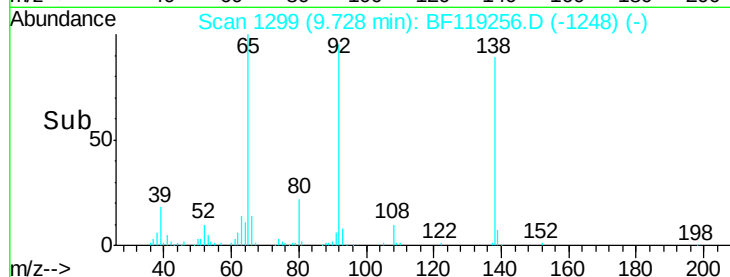
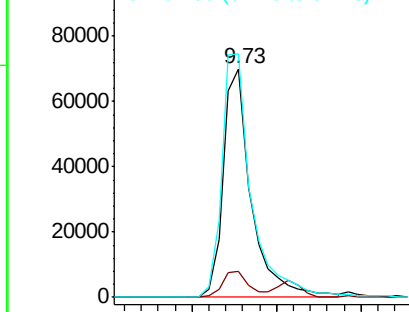


Abundance

Ion 138.00 (137.70 to 138.70): E

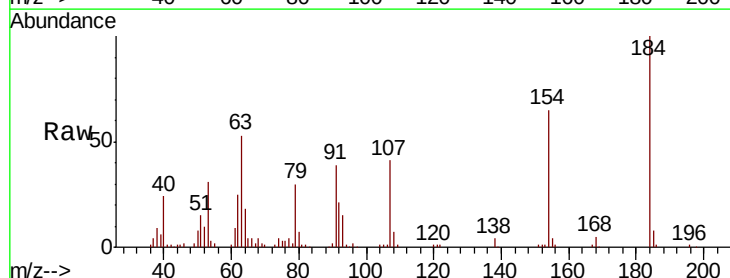
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 65.304 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.6	38.7	58.1
154	65.3	49.7	74.5

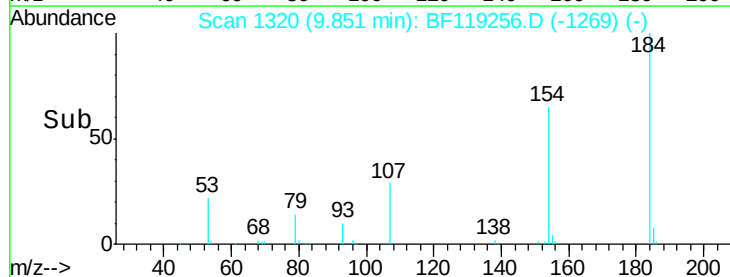
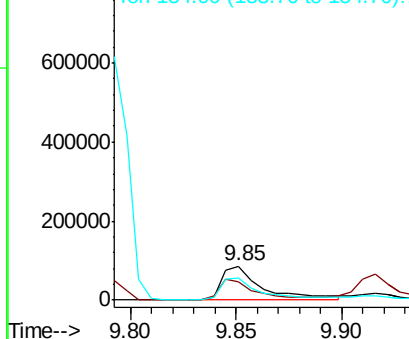


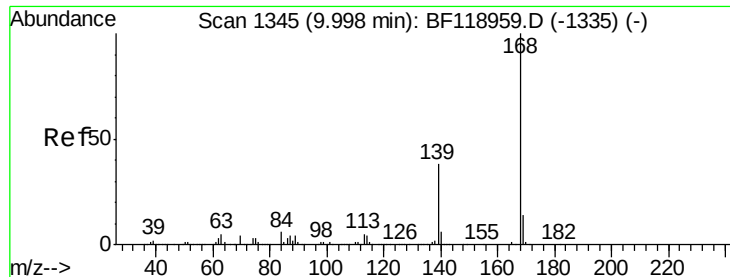
Abundance

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





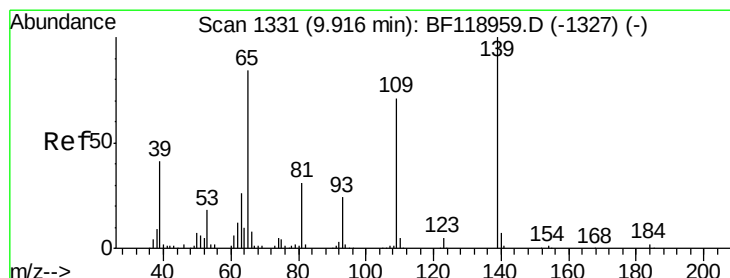
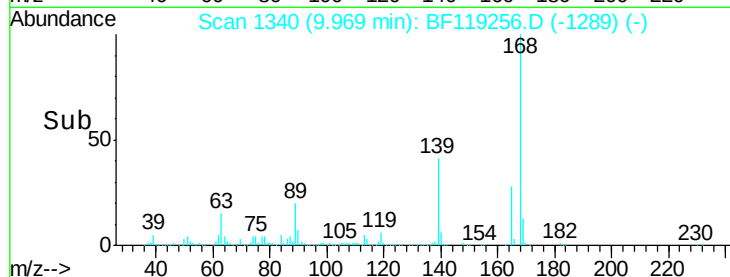
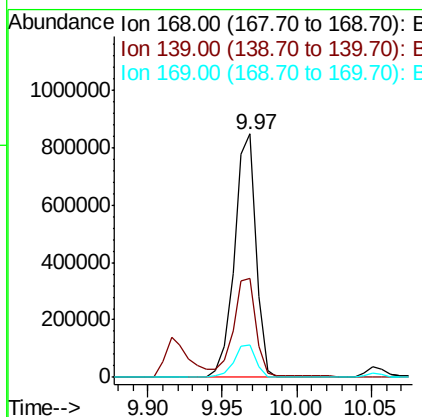
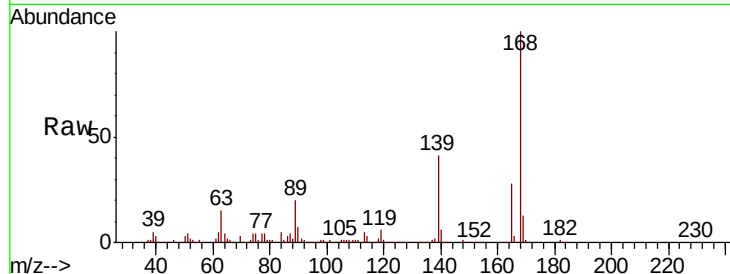
#55
Dibenzenofuran
Concen: 46.978 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	34.0	51.0
169	13.4	11.0	16.4

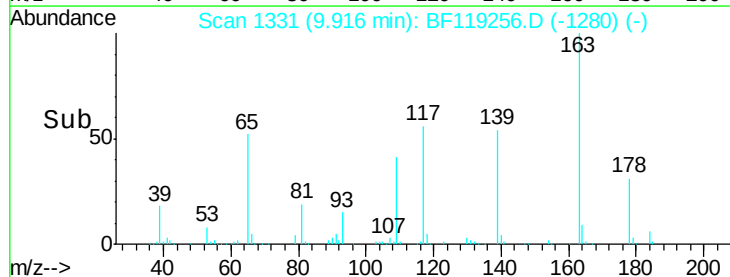
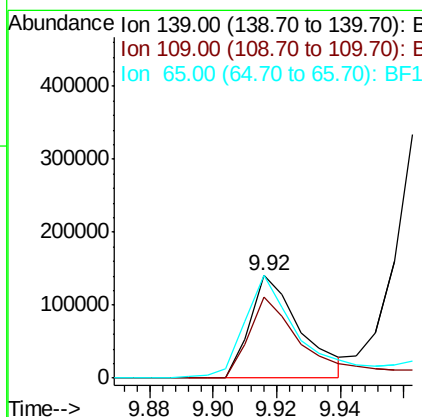
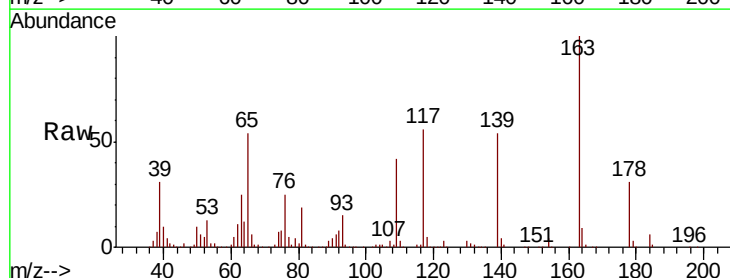
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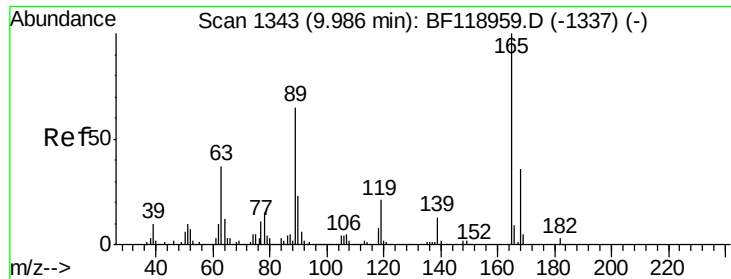
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#56
4-Nitrophenol
Concen: 63.599 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.3	56.7	96.7
65	100.3	65.0	105.0





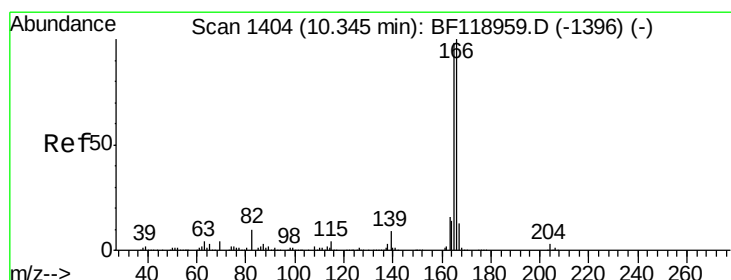
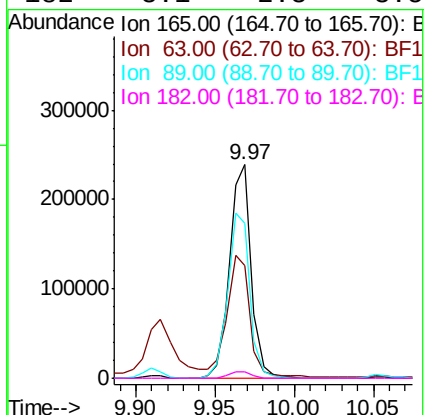
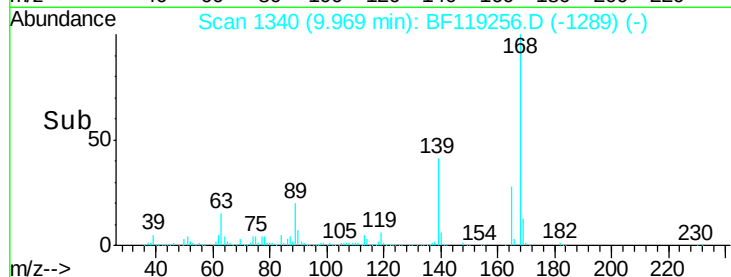
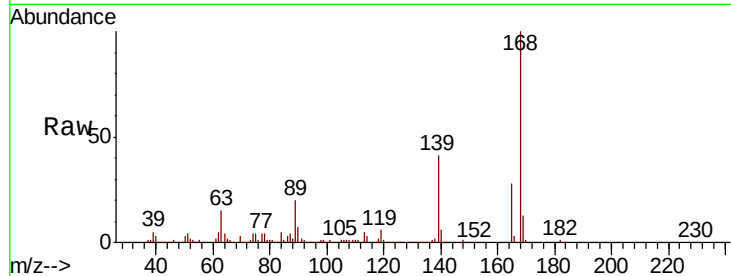
#57
2,4-Dinitrotoluene
Concen: 47.424 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		225946		
63	52.6	42.3	63.5		
89	72.6	60.2	90.4		
182	3.1	2.3	3.5		

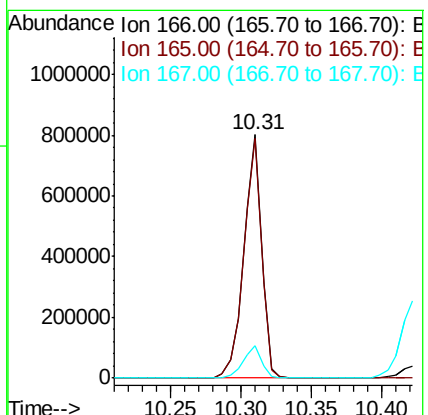
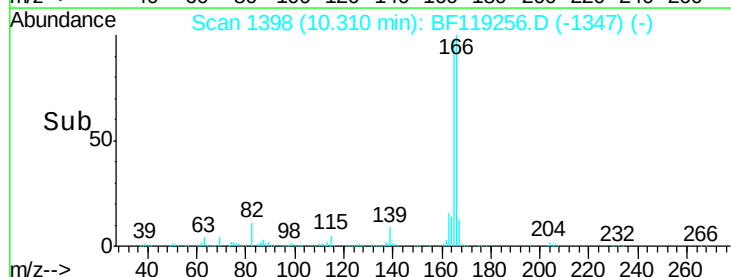
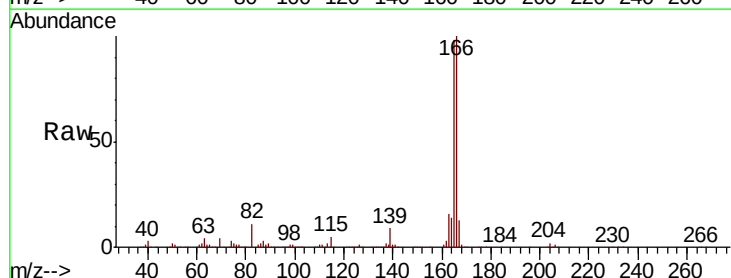
Manual Integrations
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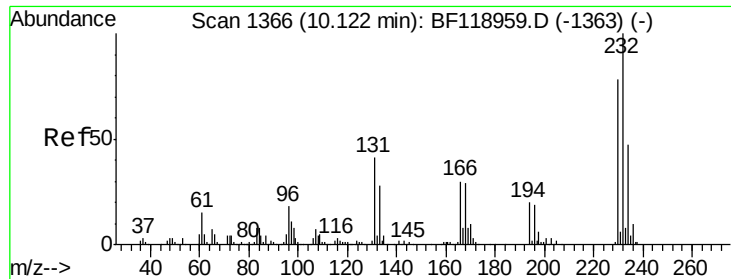
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#58
Fluorene
Concen: 49.247 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		700946		
165	98.4	78.5	117.7		
167	13.4	11.0	16.4		





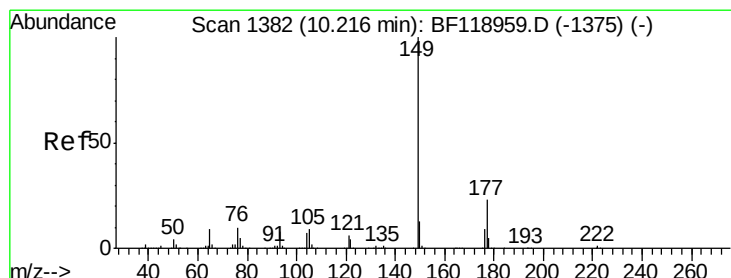
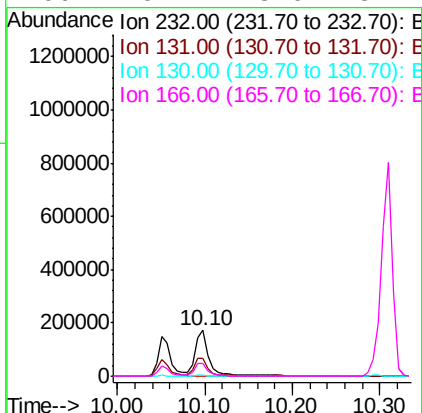
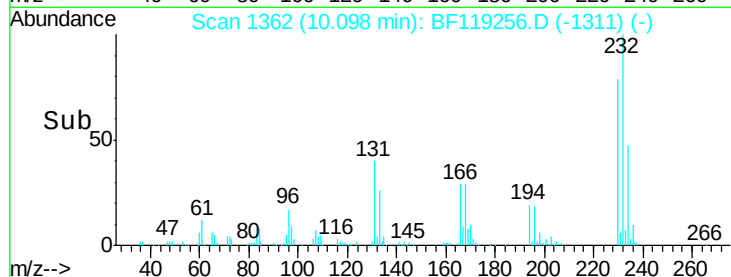
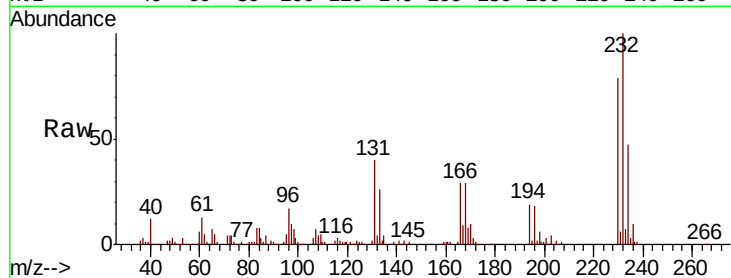
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.135 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.9	33.8	50.8
130	2.4	1.8	2.6
166	29.4	23.0	34.4

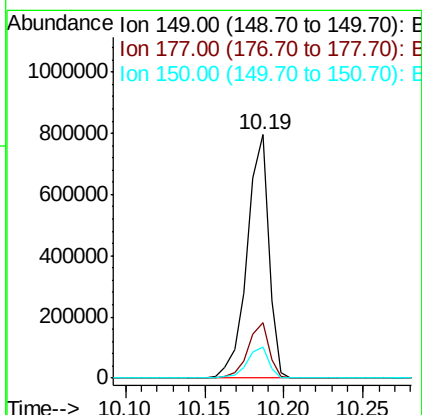
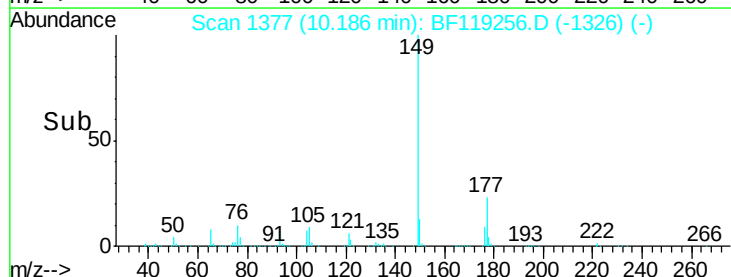
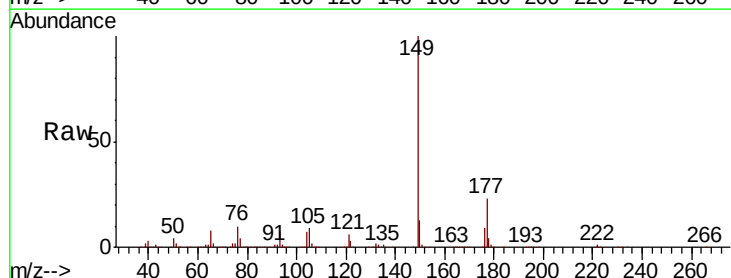
Manual Integrations
APPROVED

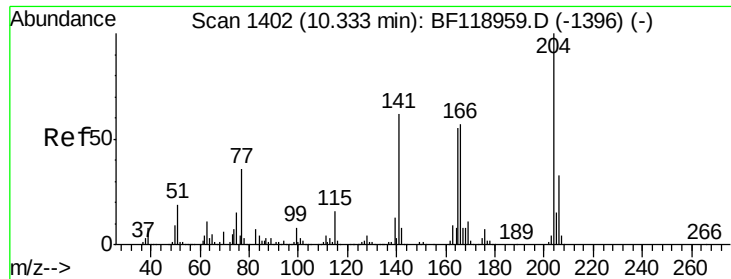
mohammad
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#60
Diethylphthalate
Concen: 48.355 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.2
150	12.6	10.5	15.7





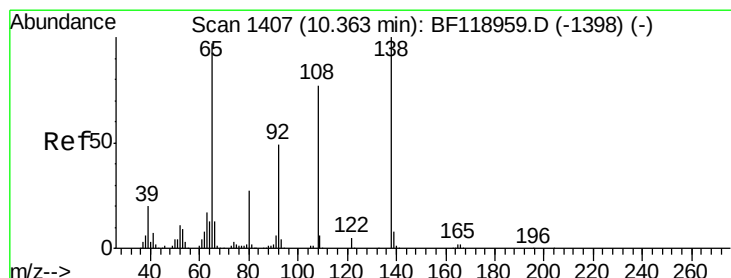
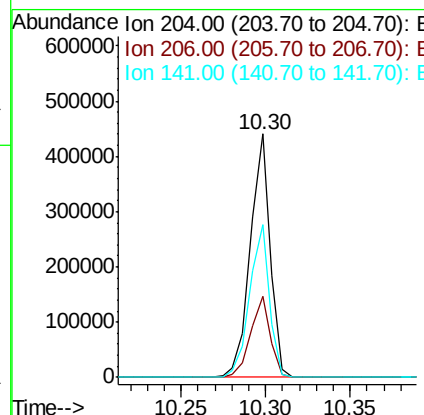
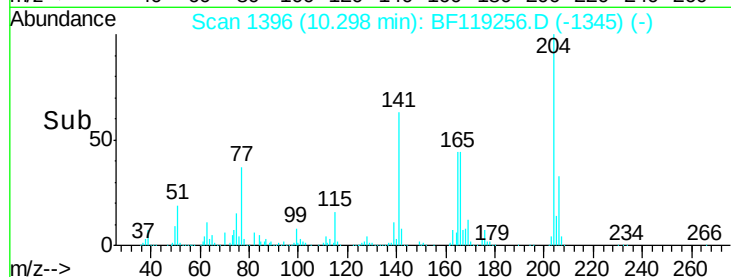
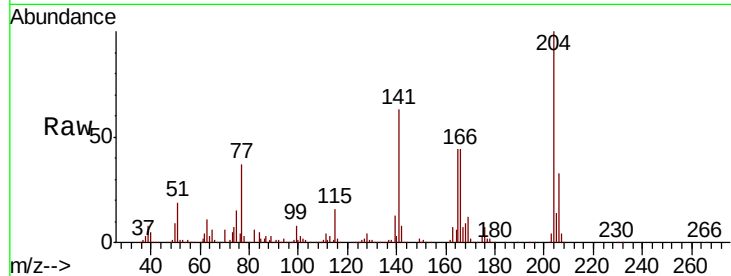
#61
4-Chlorophenyl-phenylether
Concen: 48.366 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion:	204	Resp:	364384
Ion Ratio		Lower	Upper
204	100		
206	33.5	27.1	40.7
141	62.7	52.9	79.3

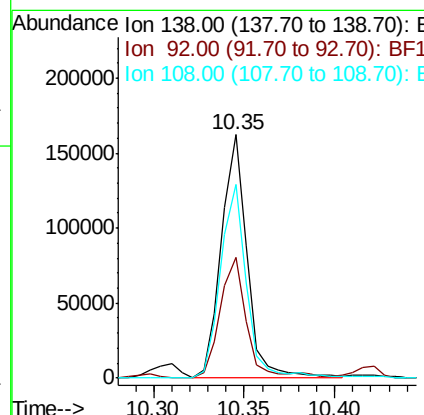
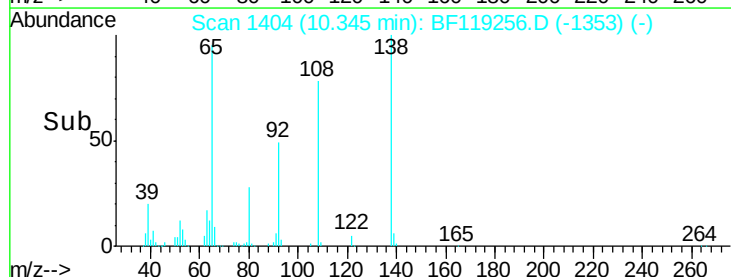
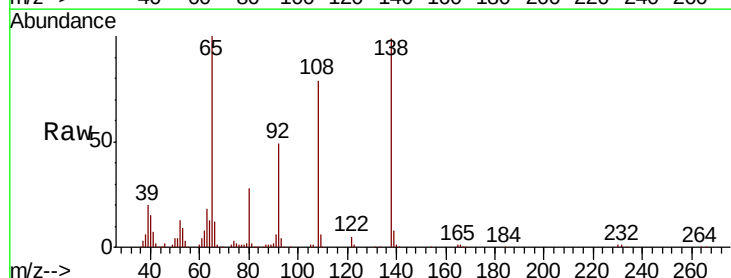
Manual Integrations
APPROVED

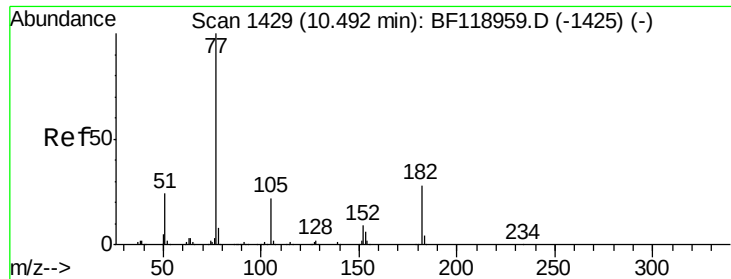
mohammad
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#62
4-Nitroaniline
Concen: 38.235 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion:	138	Resp:	159405
Ion Ratio		Lower	Upper
138	100		
92	49.4	27.3	67.3
108	79.6	57.0	97.0





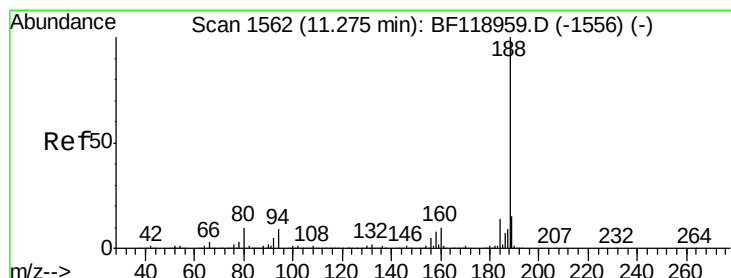
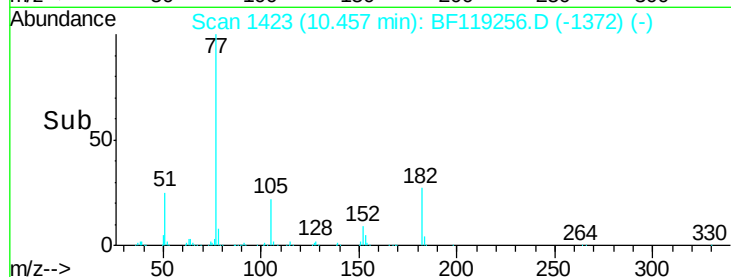
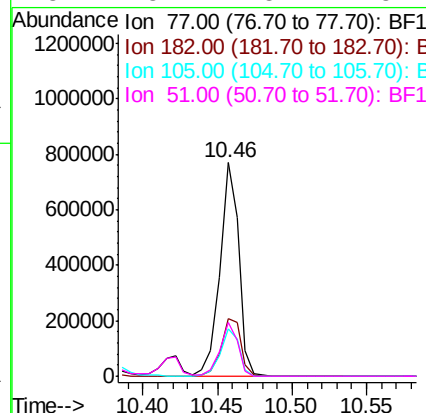
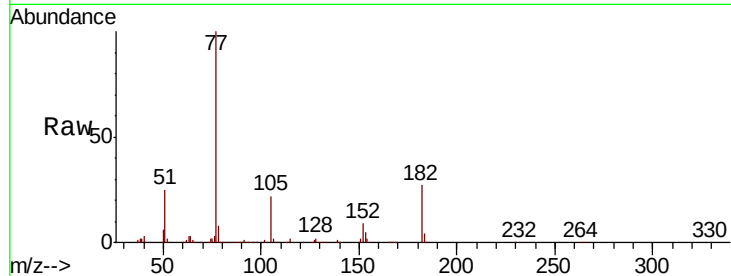
#63
Azobenzene
Concen: 49.810 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	77	Resp	675033
Ion	Ratio	Lower	Upper
77	100		
182	27.1	11.4	51.4
105	22.1	3.4	43.4
51	25.1	5.1	45.1

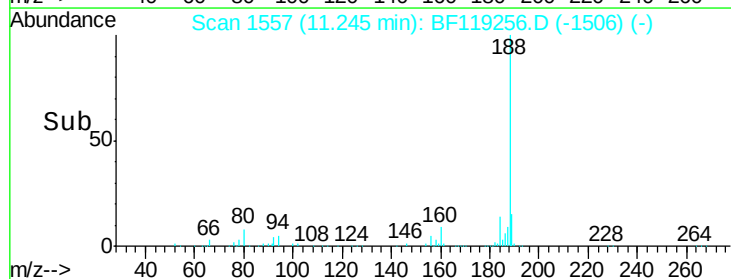
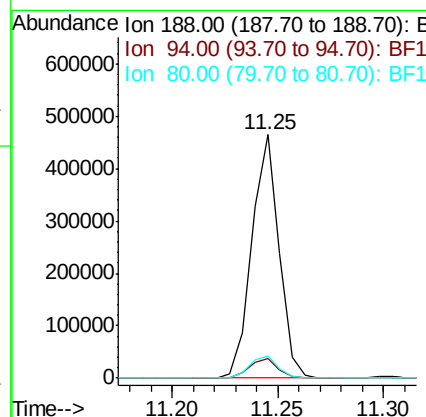
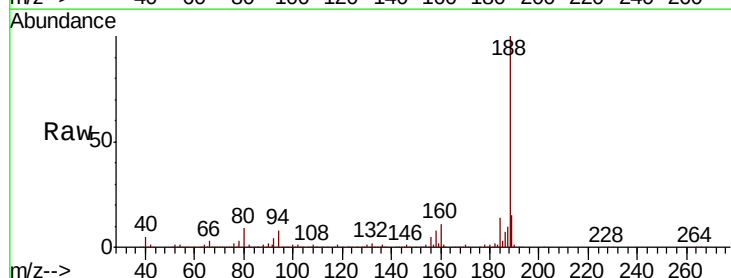
Manual Integrations
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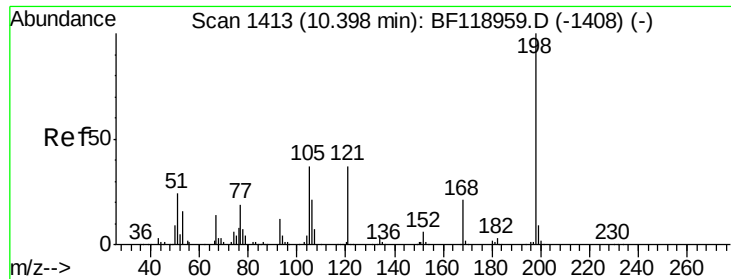
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	188	Resp	414722
Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.1	10.7
80	8.9	7.8	11.8





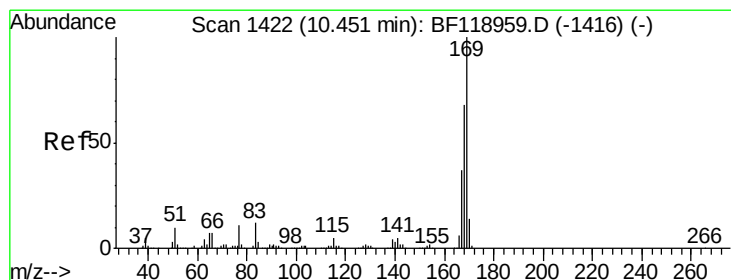
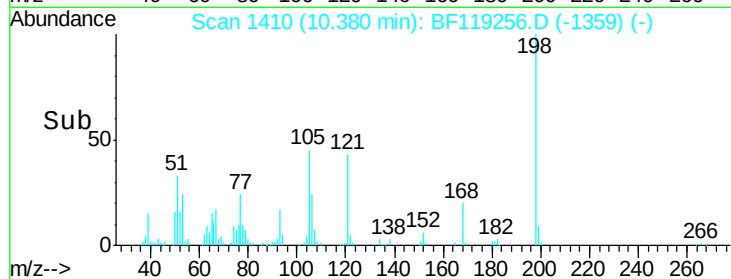
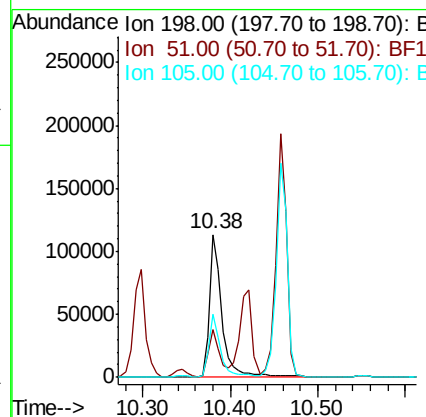
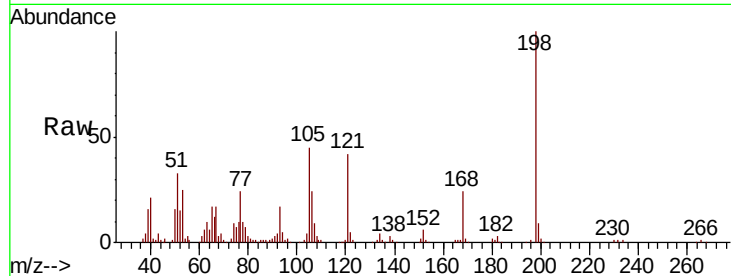
#65
4,6-Dinitro-2-methylphenol
Concen: 45.694 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampled :
GP-10-030220MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	114670		
51	33.2	14.2	54.2	
105	44.6	22.7	62.7	

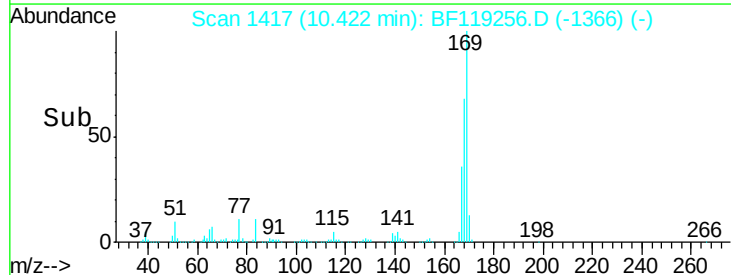
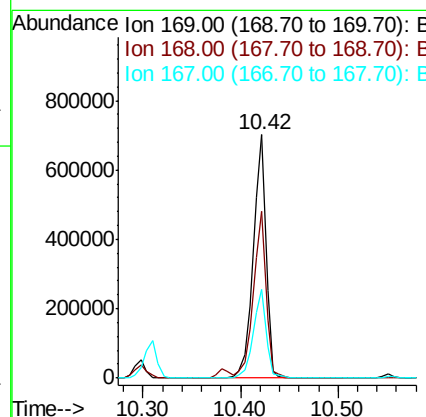
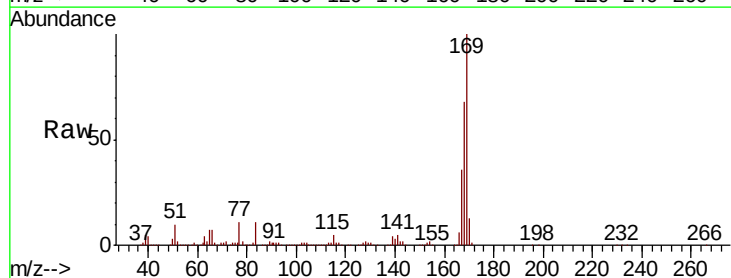
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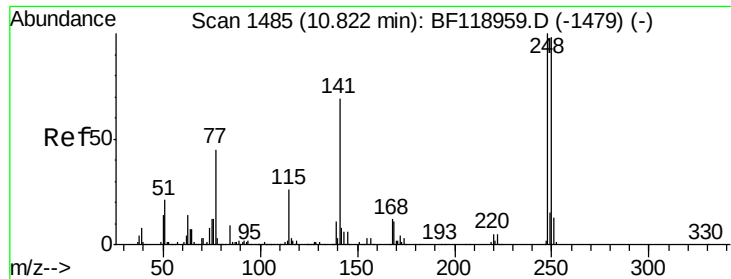
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#66
n-Nitrosodiphenylamine
Concen: 47.146 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	640223		
168	68.4	54.1	81.1	
167	36.4	29.4	44.0	





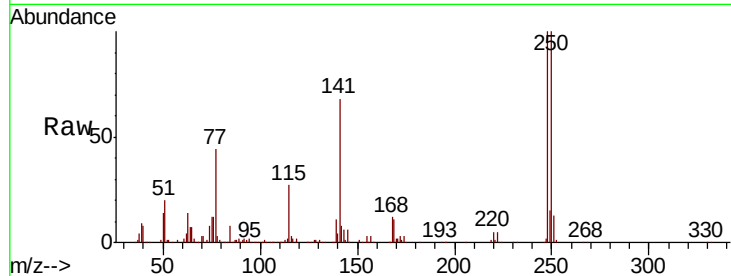
#67
4-Bromophenyl-phenylether
Concen: 44.025 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.0	76.7	115.1
141	67.7	60.7	91.1

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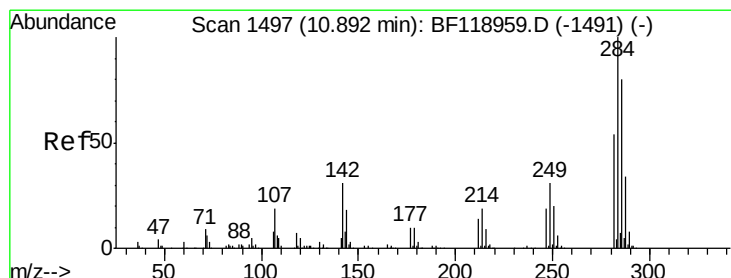
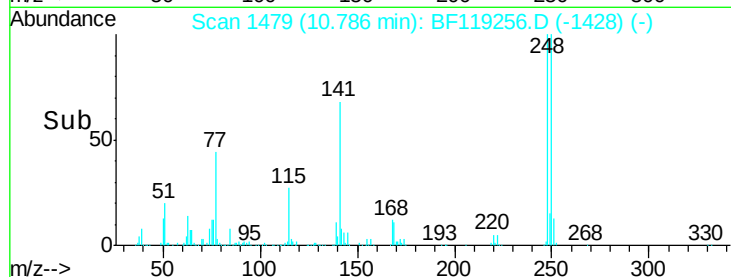
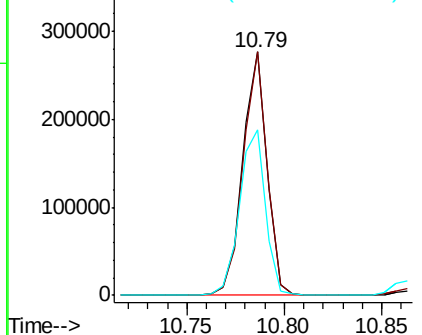


Abundance

Ion 248.00 (247.70 to 248.70): E

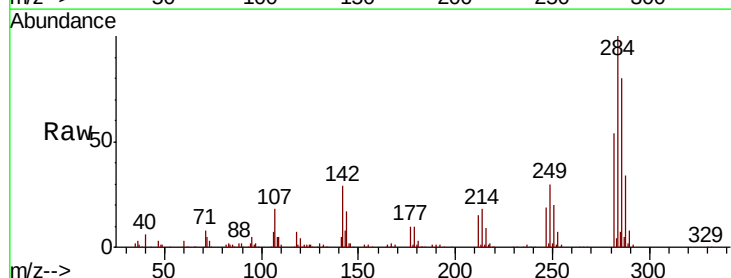
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.726 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	23.7	35.5
249	30.4	25.0	37.6

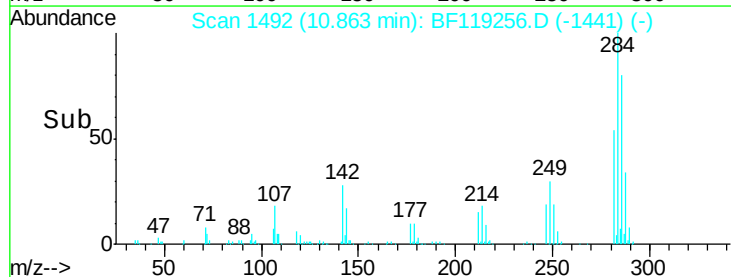
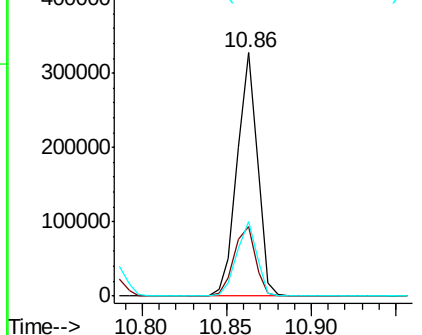


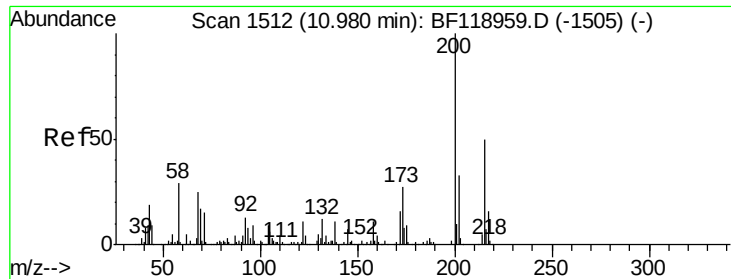
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





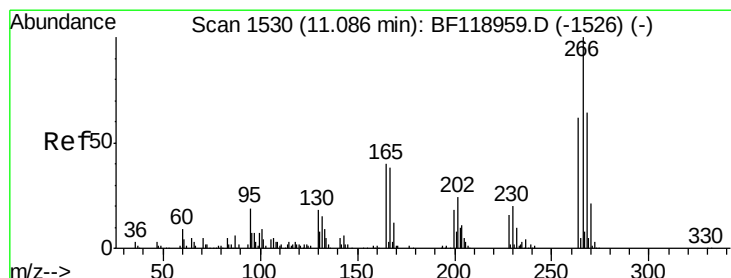
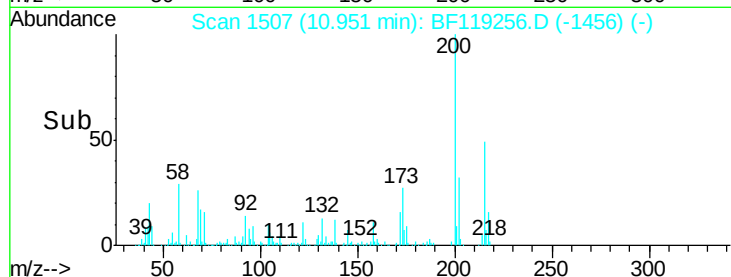
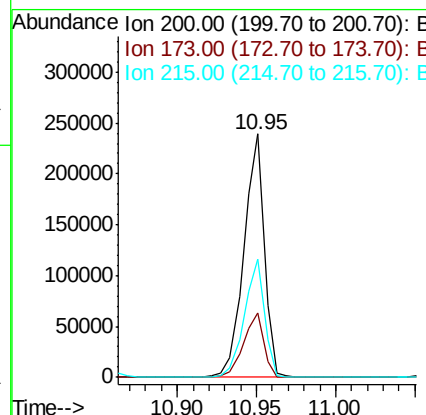
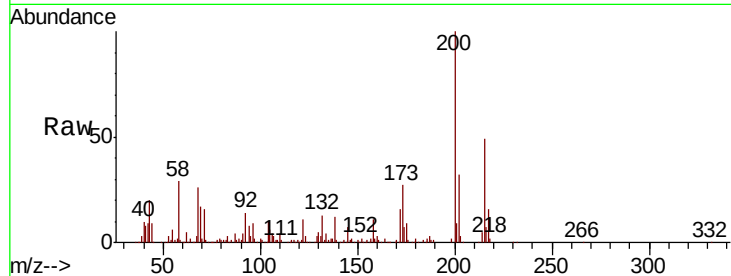
#69
Atrazine
Concen: 44.882 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	212943		
173	26.6		6.4	46.4
215	48.5		27.4	67.4

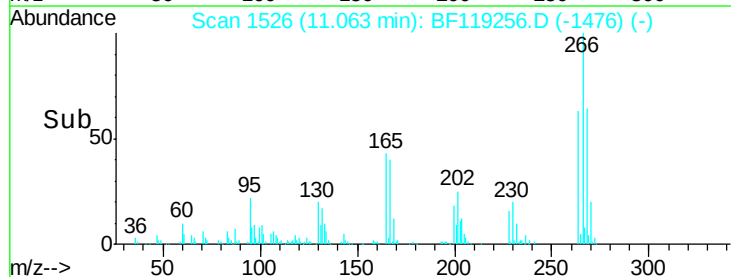
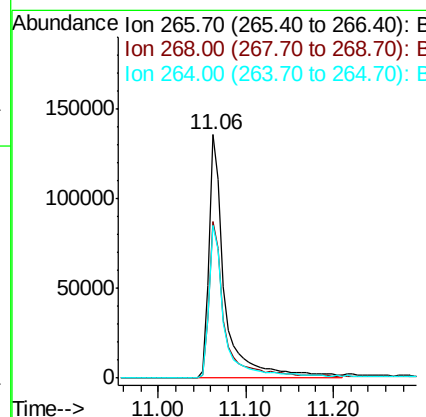
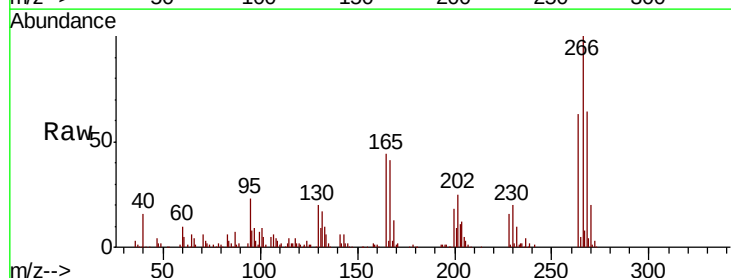
Manual Integrations
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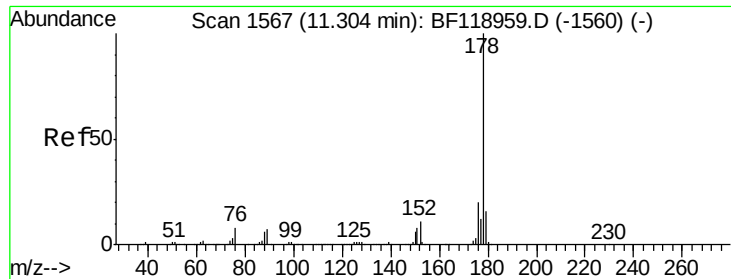
mohammad
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#70
Pentachlorophenol
Concen: 69.472 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	174909		
268	64.1		51.9	77.9
264	62.9		51.0	76.4





#71
 Phenanthrene
 Concen: 46.960 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

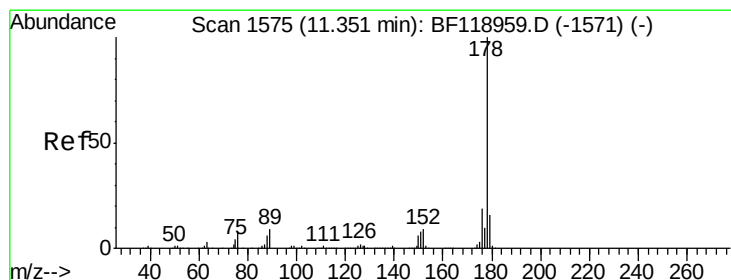
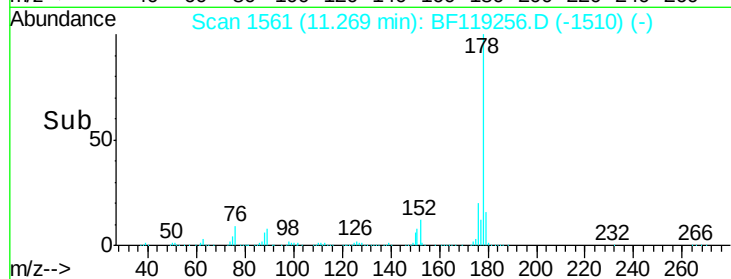
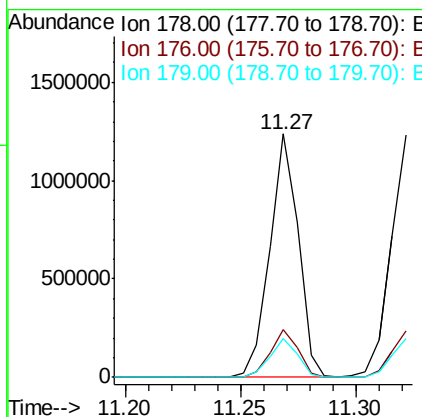
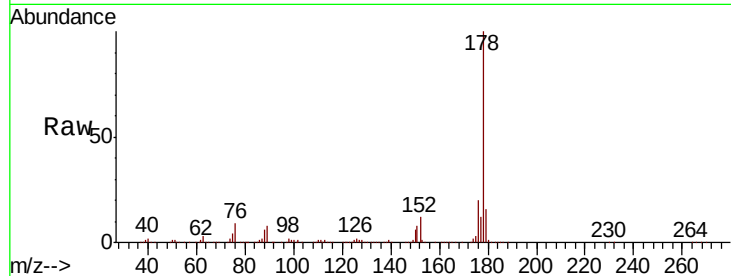
Instrument :
 BNA_F
 ClientSampleId :
 GP-10-030220MS

Tot Ion:178 Resp: 1062094

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.5	24.7
179	15.8	13.0	19.6

Manual Integrations
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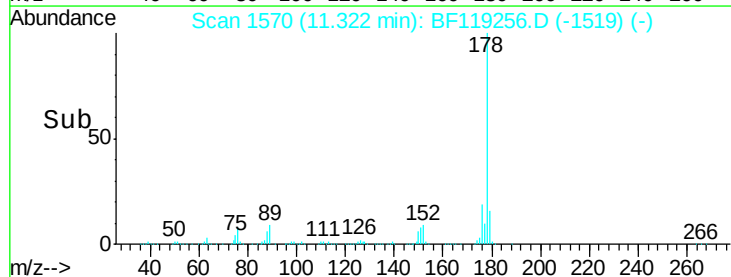
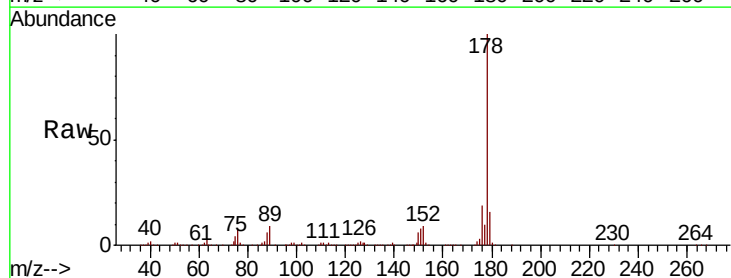
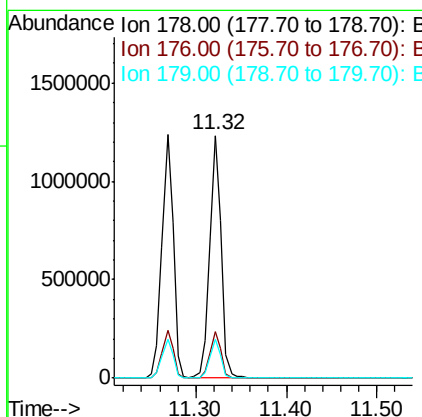
mohammad
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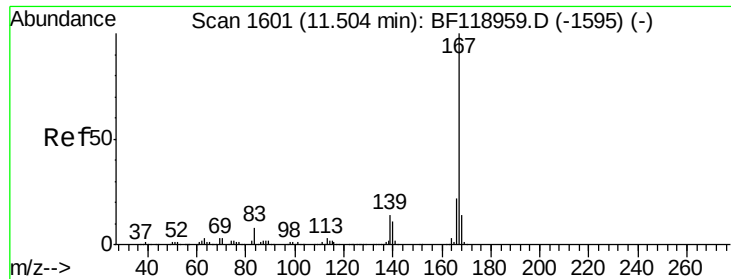


#72
 Anthracene
 Concen: 49.241 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Tgt Ion:178 Resp: 1112747

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.0	24.0
179	16.0	13.1	19.7





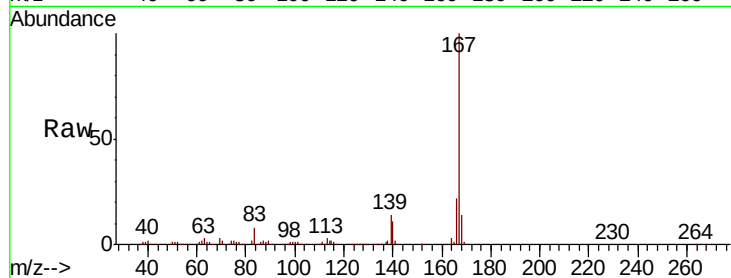
#73
 Carbazole
 Concen: 48.198 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 GP-10-030220MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	14.0	11.7	17.5

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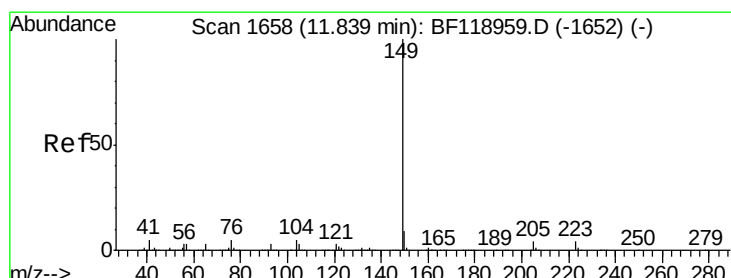
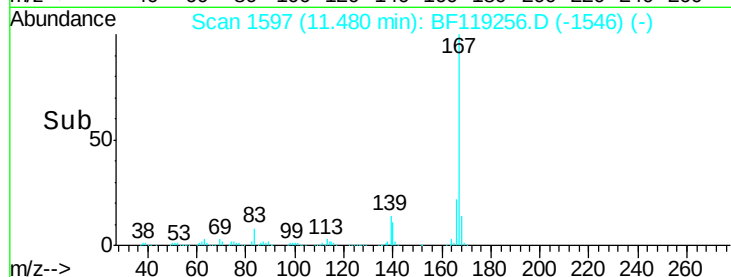
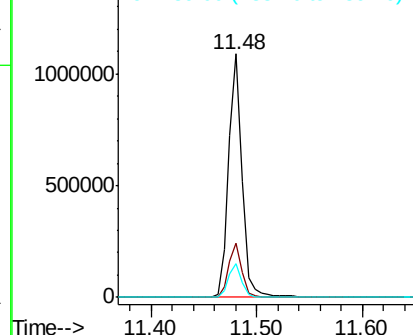


Abundance

Ion 167.00 (166.70 to 167.70): E

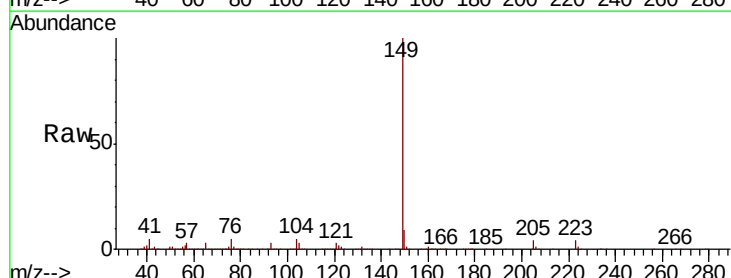
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 48.298 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.2	4.6	6.8

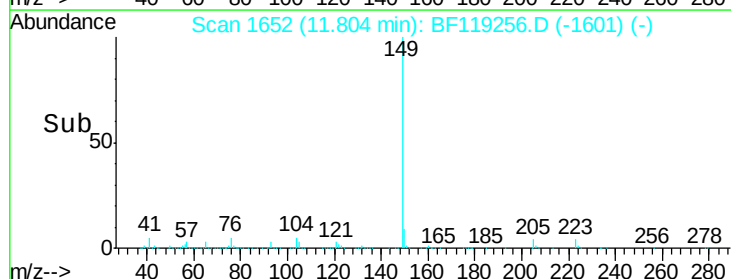
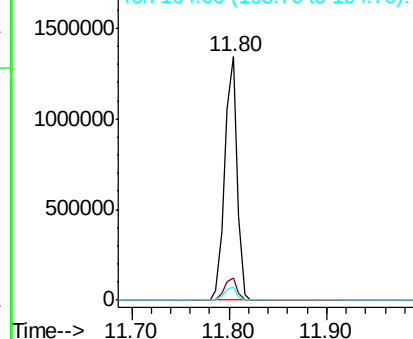


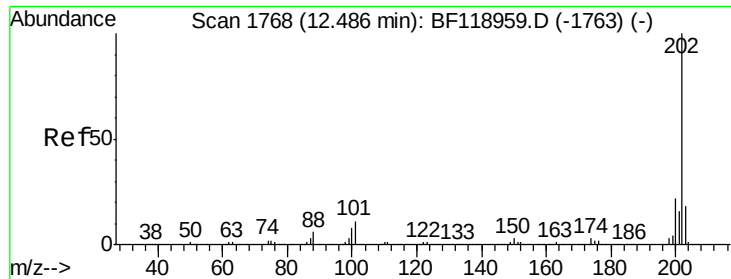
Abundance

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: 48.788 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

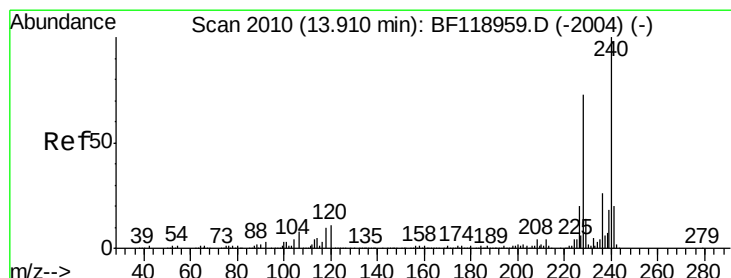
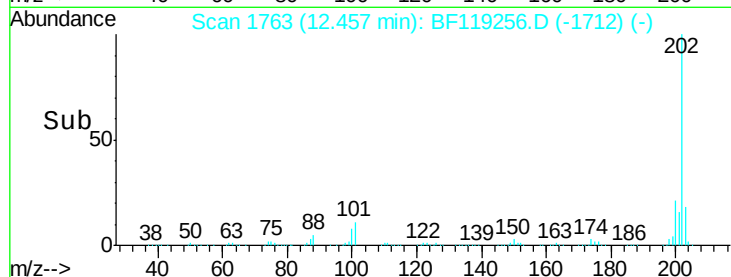
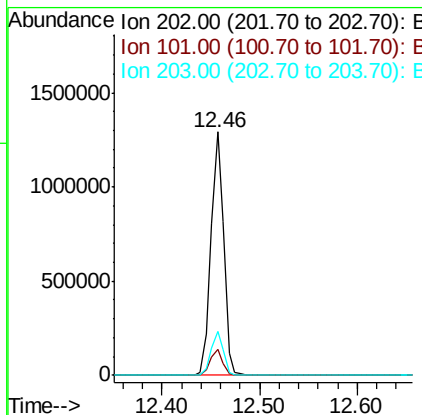
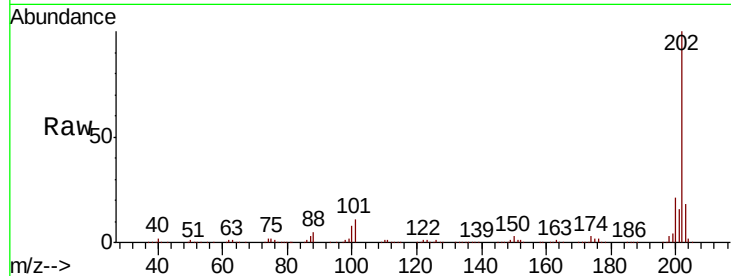
ClientSampleId :

GP-10-030220MS

Tot Ion:	202	Resp:	1171270
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
203	18.0	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

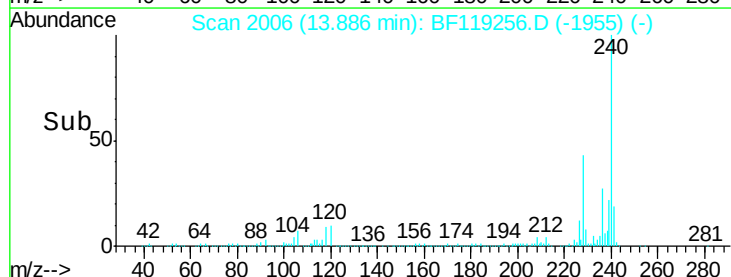
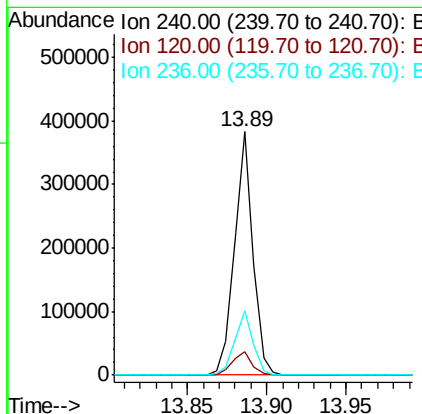
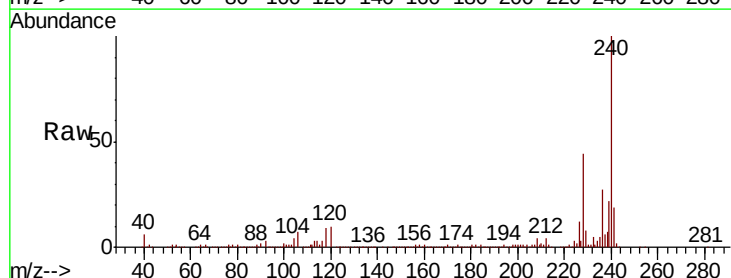
RT: 13.89 min Scan# 2006

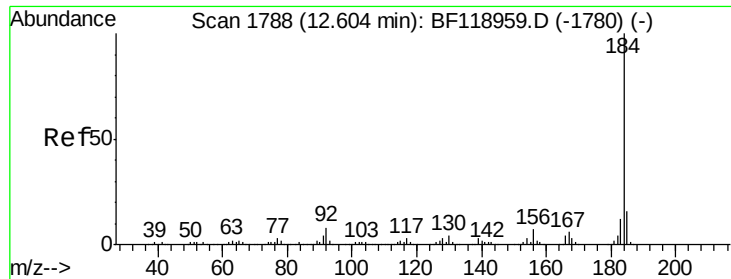
Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Tgt Ion:	240	Resp:	310256
Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.4	12.6
236	26.5	21.0	31.4





#77

Benzidine

Concen: 39.488 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

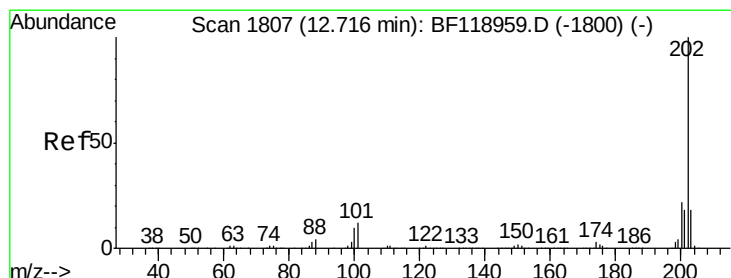
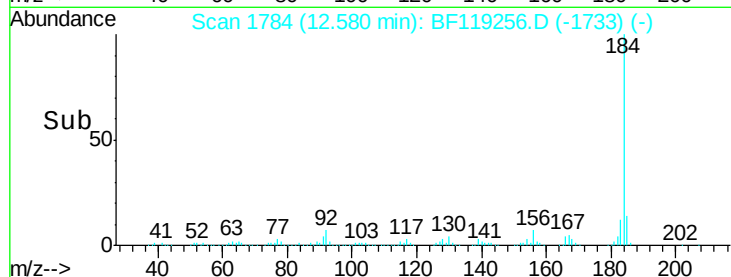
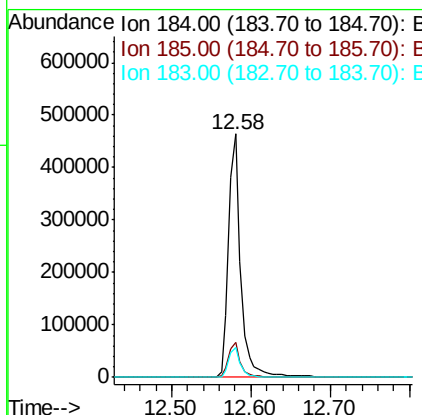
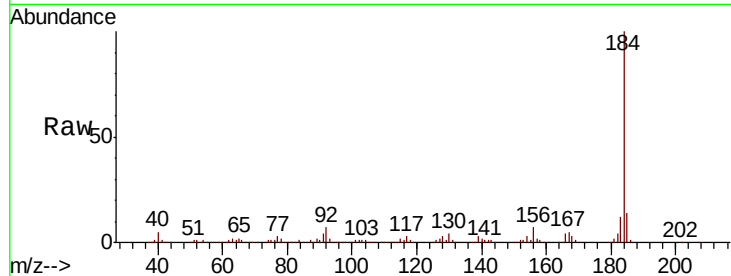
ClientSampleId :

GP-10-030220MS

Tot Ion:	184	Resp:	498249
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.4
183	12.2	9.9	14.9

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#78

Pyrene

Concen: 47.300 ng

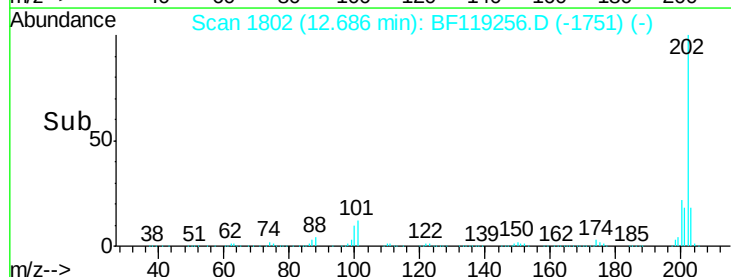
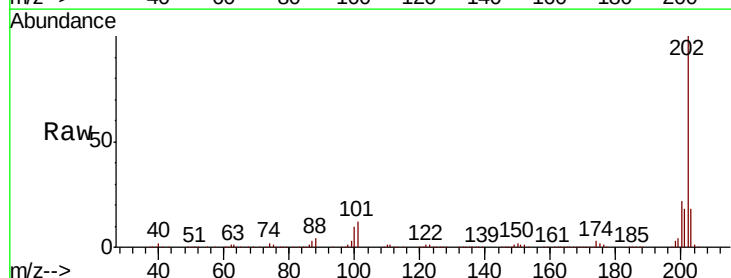
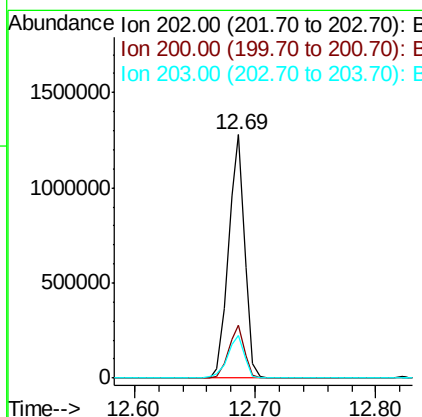
RT: 12.69 min Scan# 1802

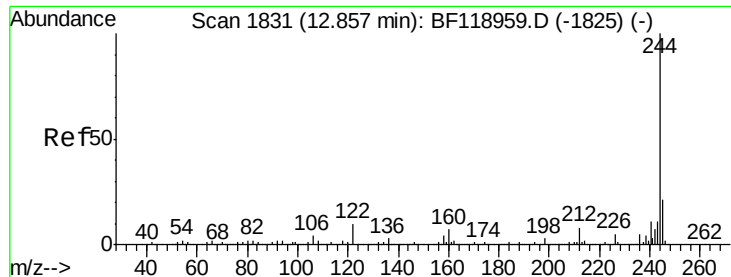
Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Tgt Ion:	202	Resp:	1178402
Ion Ratio	Lower	Upper	
202	100		
200	21.9	18.0	27.0
203	17.7	14.6	22.0





#79

Terphenyl-d14

Concen: 84.898 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampleId :

GP-10-030220MS

Tot Ion:244 Resp: 1529907

Ion Ratio Lower Upper

244 100

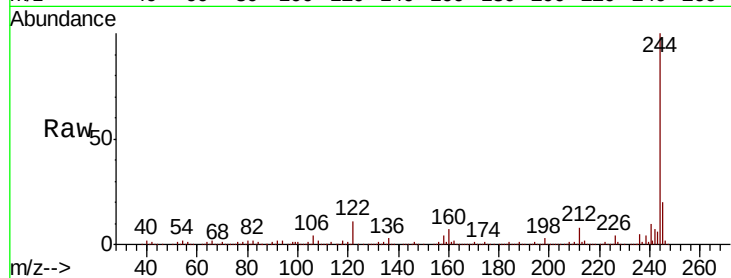
212 7.7 6.6 10.0

122 10.6 8.2 12.2

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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.82

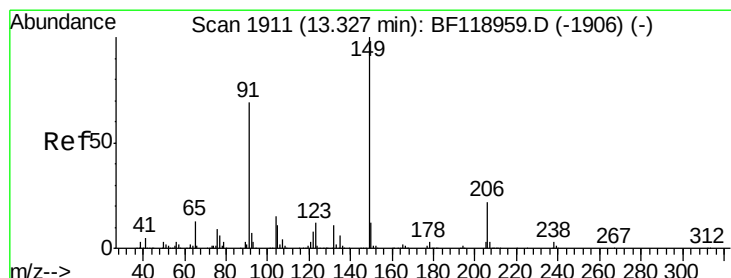
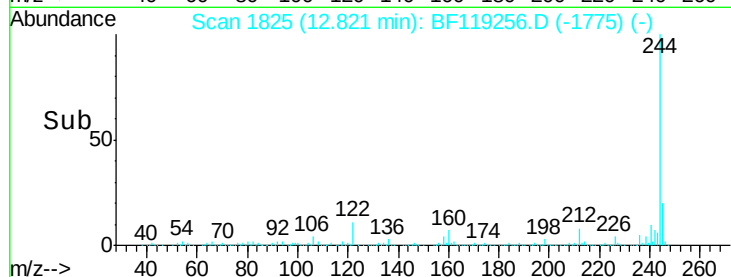
1500000

1000000

500000

0

Time--> 12.70 12.80 12.90 13.00



#80

Butylbenzylphthalate

Concen: 48.156 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

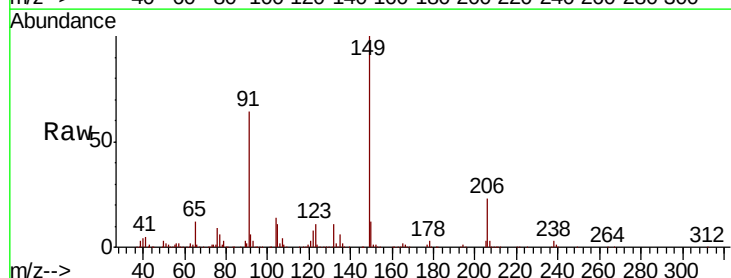
Tgt Ion:149 Resp: 504926

Ion Ratio Lower Upper

149 100

91 64.5 52.3 78.5

206 22.8 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

13.30

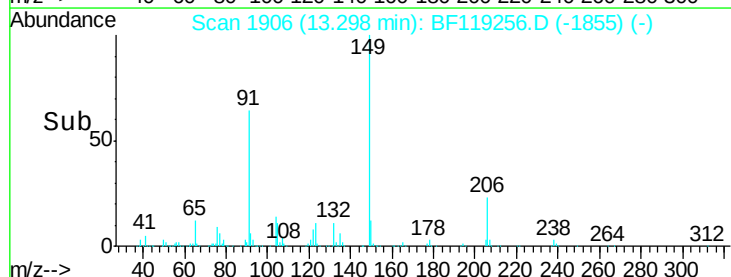
600000

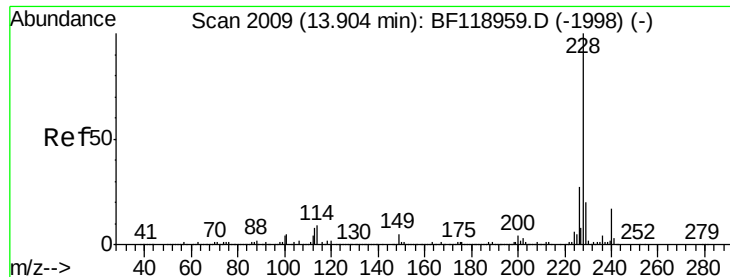
400000

200000

0

Time--> 13.25 13.30 13.35





#81

Benzo(a)anthracene

Concen: 48.483 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

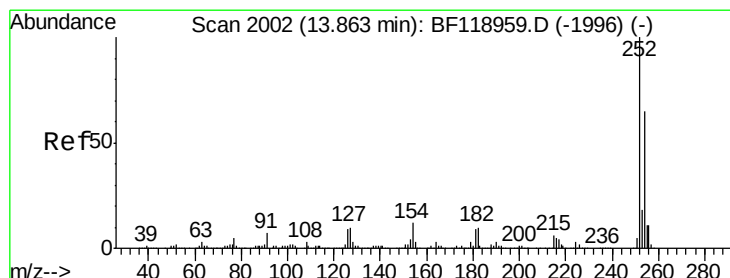
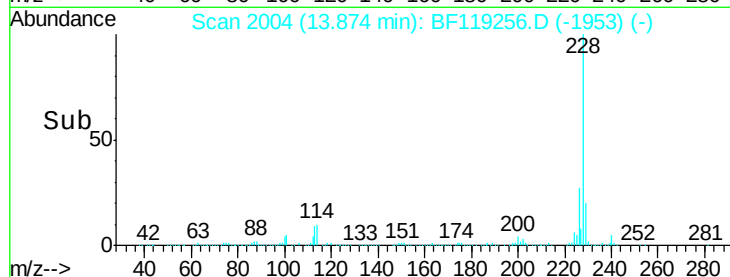
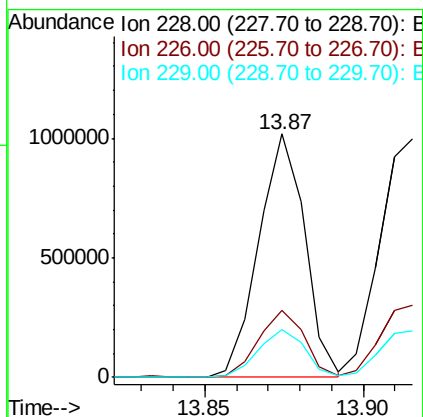
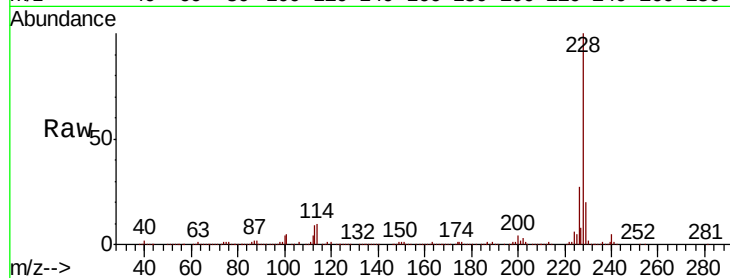
ClientSampleId :

GP-10-030220MS

Tot Ion:	228	Resp:	1024922
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.8	16.6	24.8

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#82

3,3'-Dichlorobenzidine

Concen: 30.388 ng

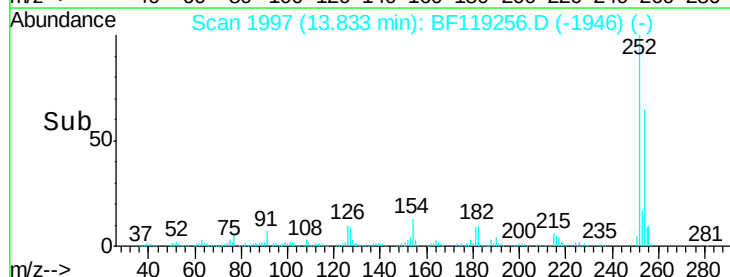
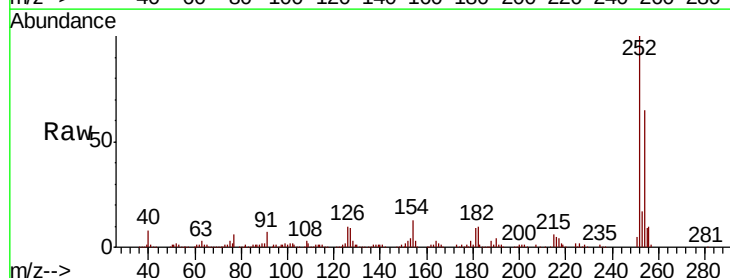
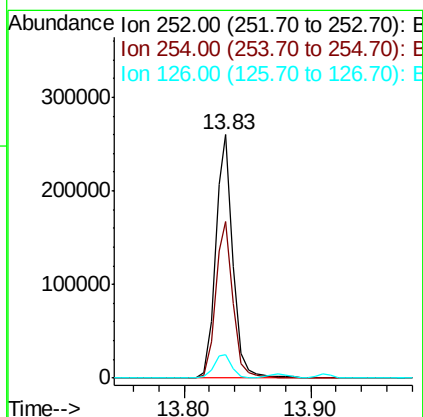
RT: 13.83 min Scan# 1997

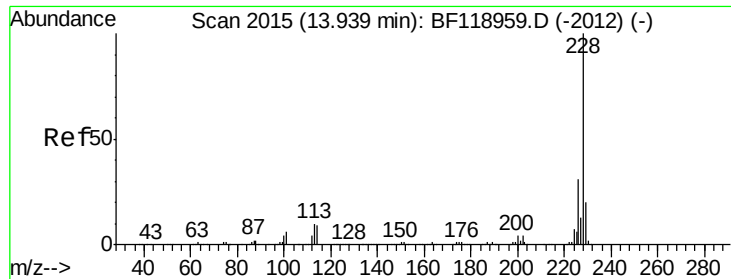
Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Tgt Ion:	252	Resp:	249447
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.6	77.4
126	9.6	7.4	11.0





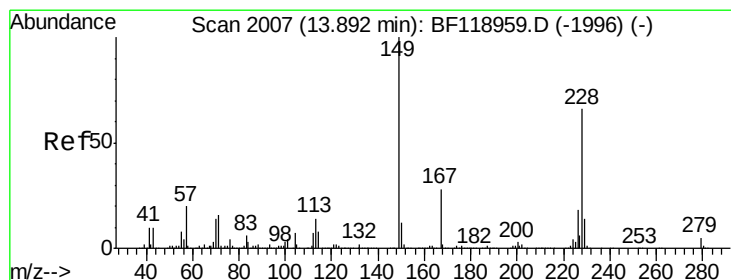
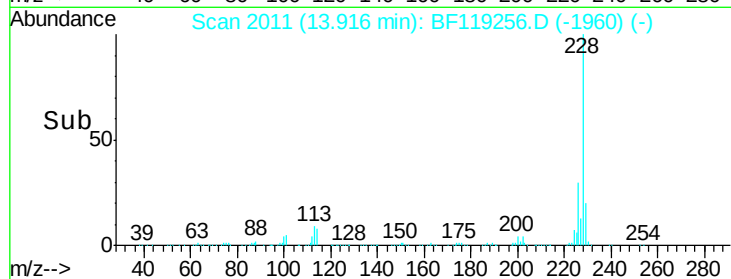
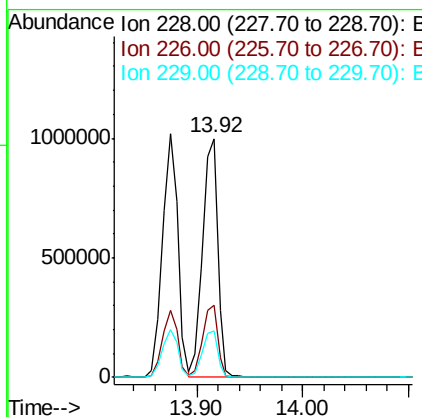
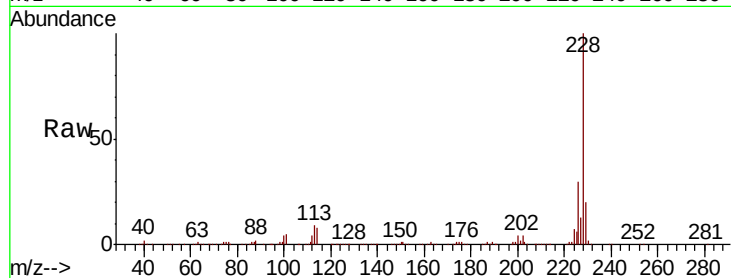
#83
 Chrysene
 Concen: 47.072 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Instrument :
 BNA_F
 ClientSampleID :
 GP-10-030220MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.1	37.7
229	19.6	16.3	24.5

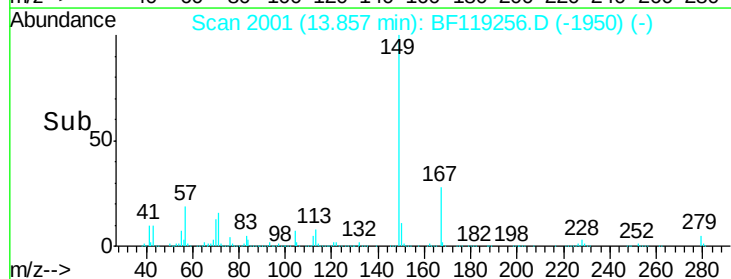
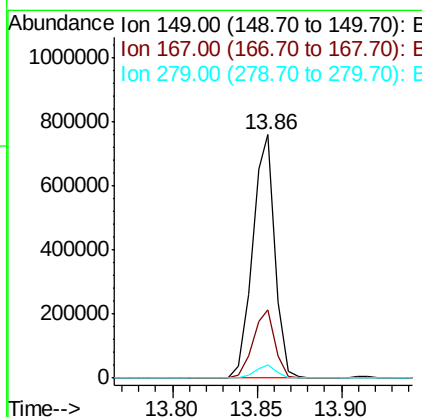
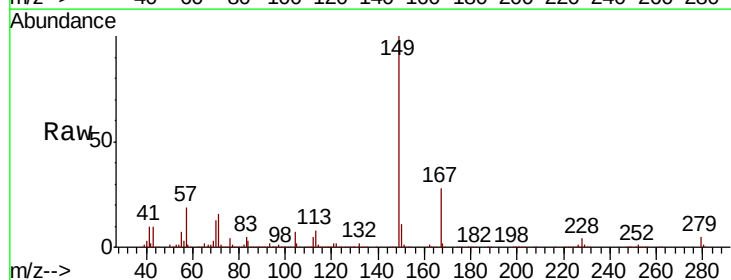
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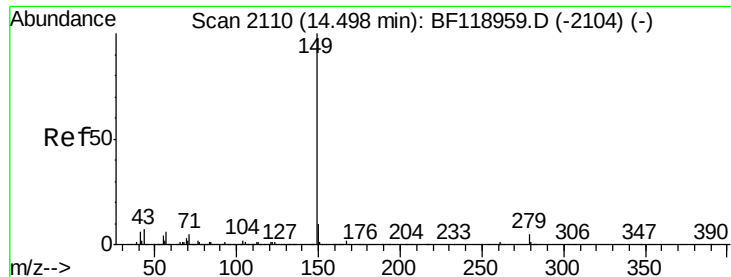
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.951 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.8	34.2
279	5.4	4.6	6.8





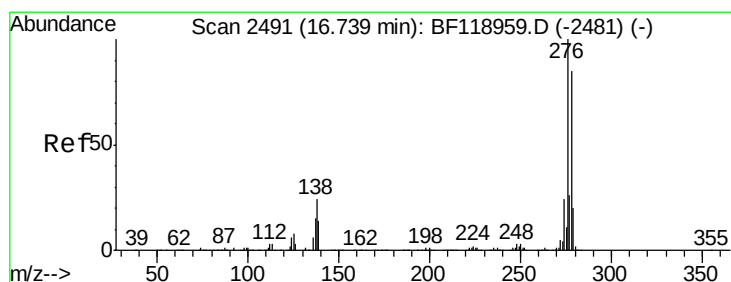
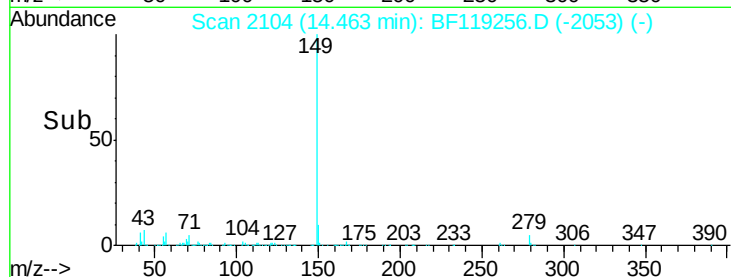
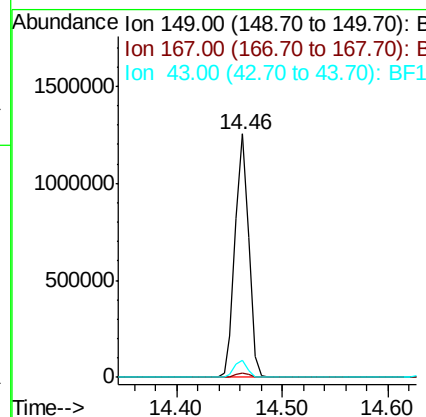
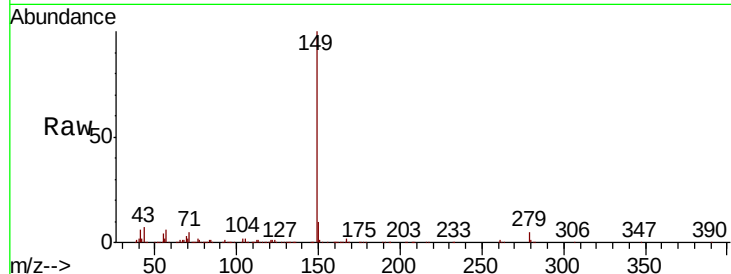
#85
Di-n-octyl phthalate
Concen: 52.972 ng
RT: 14.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	6.7	5.7	8.5

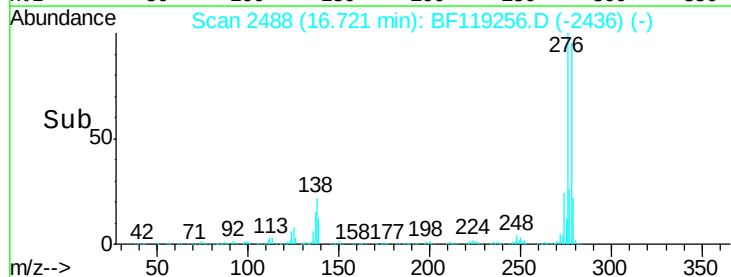
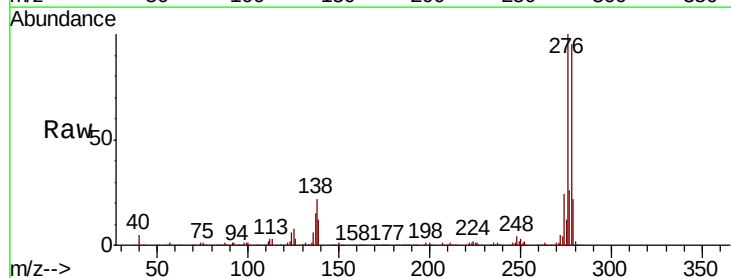
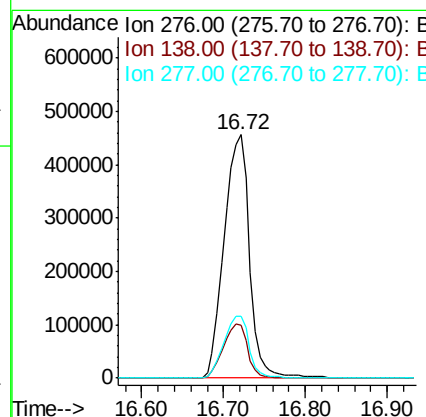
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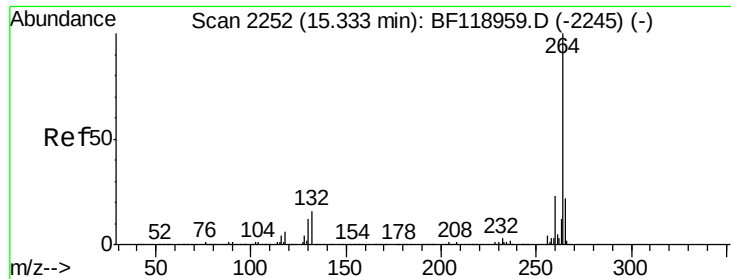
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.398 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.4	26.0
277	25.6	20.3	30.5





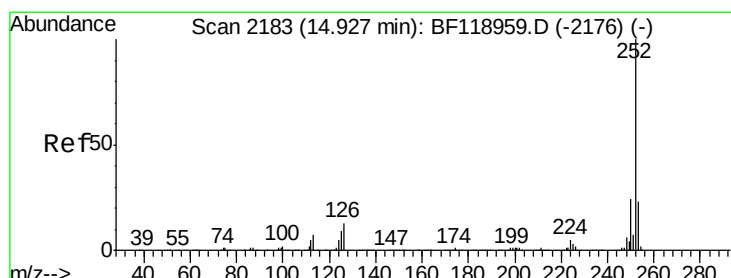
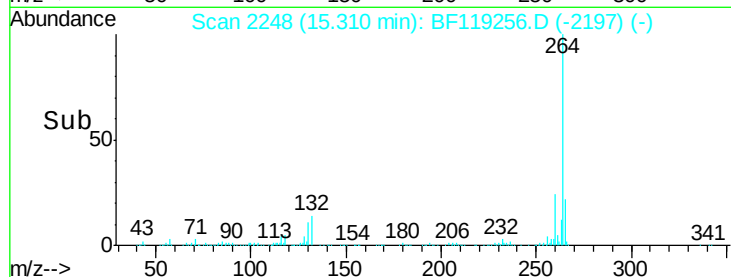
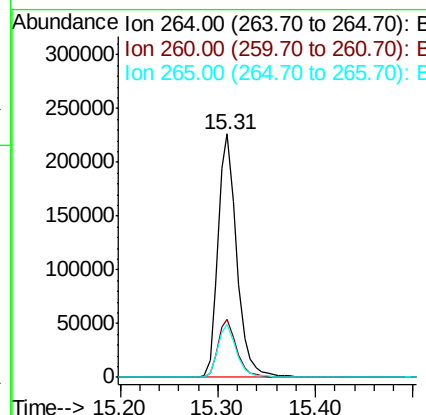
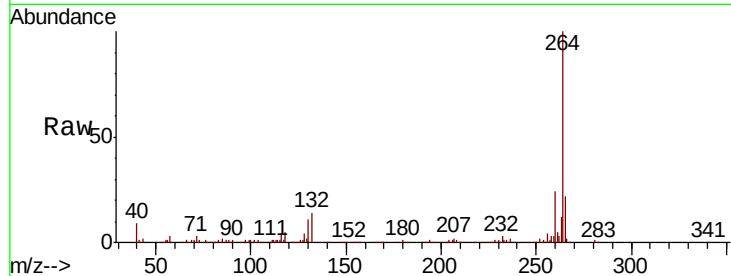
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.7	17.7	26.5

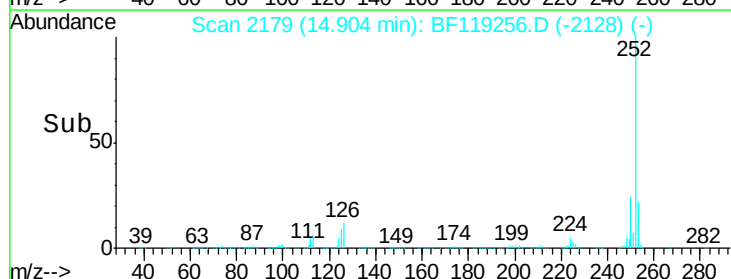
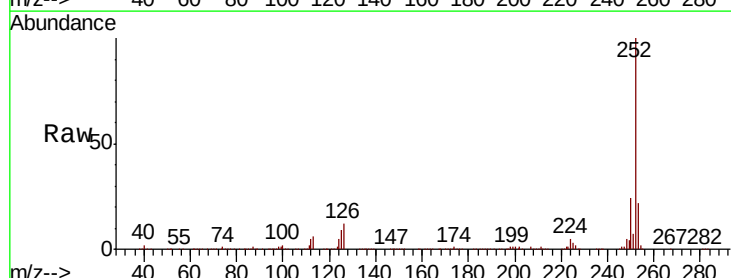
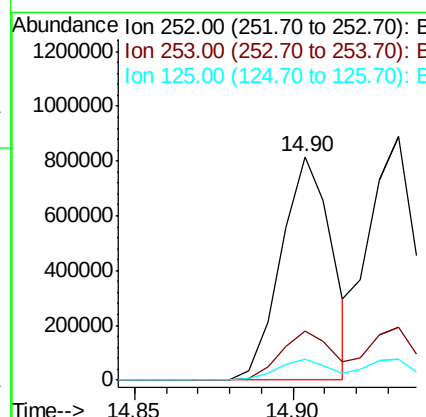
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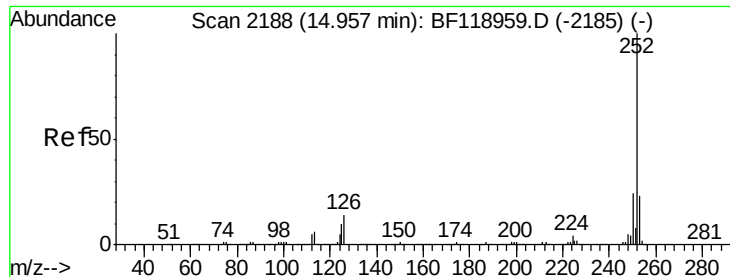
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#88
Benzo(b)fluoranthene
Concen: 45.728 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	9.2	7.4	11.0





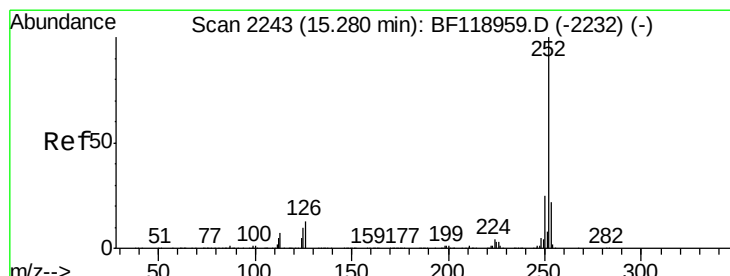
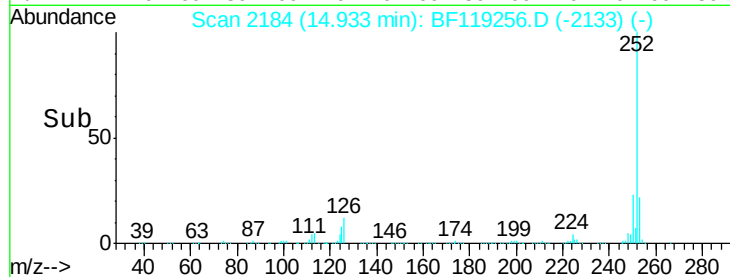
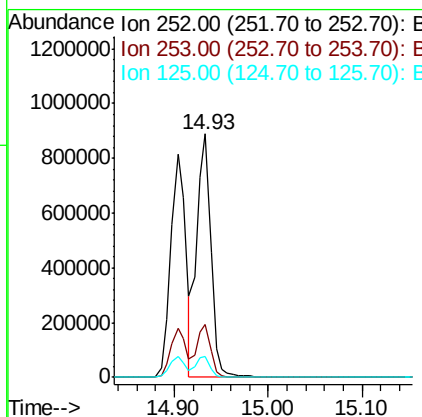
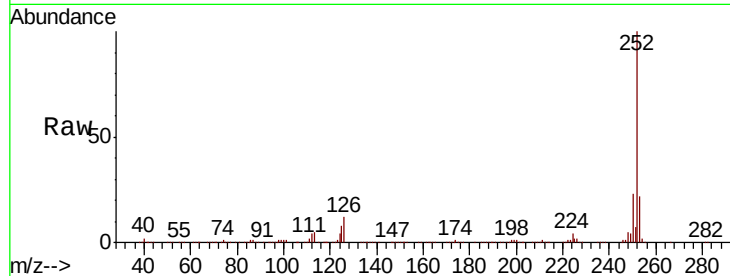
#89
Benzo(k)fluoranthene
Concen: 50.334 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :
GP-10-030220MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	8.4	7.5	11.3

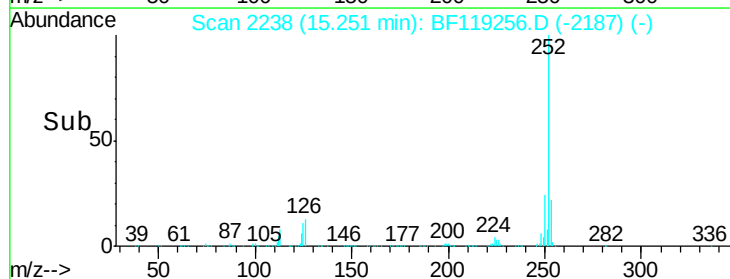
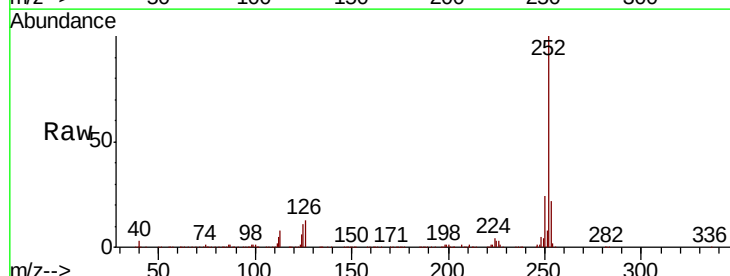
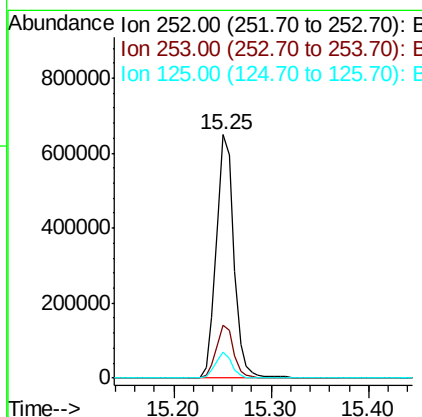
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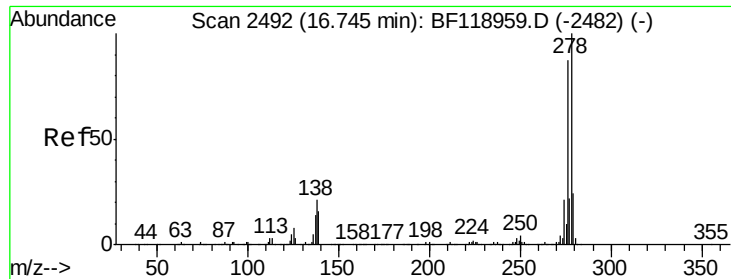
mohammad
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#90
Benzo(a)pyrene
Concen: 45.531 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.7	8.6	12.8





#91

Dibenzo(a,h)anthracene

Concen: 52.918 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

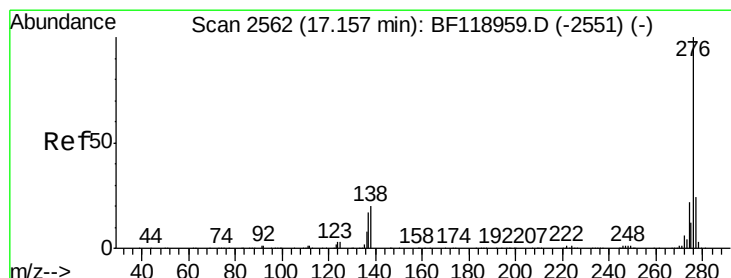
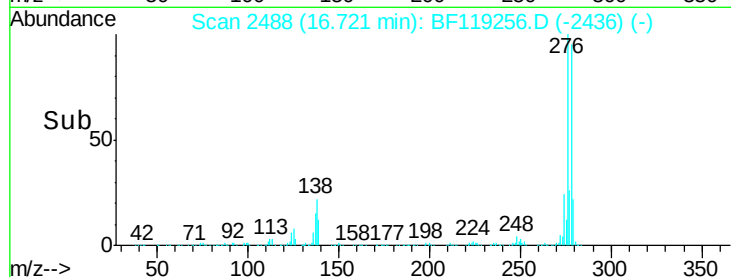
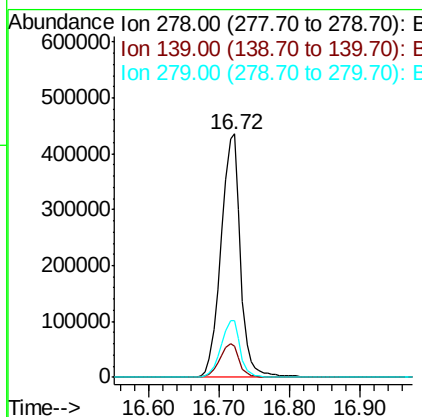
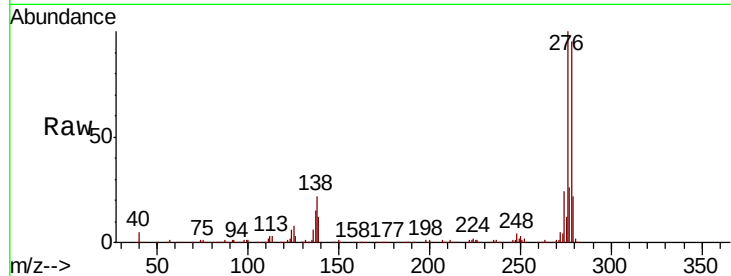
ClientSampleId :

GP-10-030220MS

Tot Ion:	278	Resp:	835741
Ion Ratio	Lower	Upper	
278	100		
139	12.7	11.0	16.4
279	23.4	18.6	28.0

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 54.722 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Tgt Ion:	276	Resp:	853905
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.7	28.1
138	18.2	14.3	21.5

