

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119021.D
 Acq On : 24 Feb 2020 14:11
 Operator : CG/JU
 Sample : PB127020BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127020BS

Manual Integrations
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 2/25/2020 4:19:13 PM

Quant Time: Feb 25 00:45:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	157761	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	601395	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	348889	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	672528	20.00	ng	0.00
76) Chrysene-d12	13.92	240	479427	20.00	ng	0.00
87) Perylene-d12	15.34	264	367273	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	997082	105.62	ng	0.00
7) Phenol-d6	6.40	99	1228806	107.03	ng	0.00
23) Nitrobenzene-d5	7.32	82	721191	63.32	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	478322	104.80	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1522696	64.30	ng	0.00
79) Terphenyl-d14	12.86	244	1884651	67.68	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.53	88	144173	34.302	ng	99
3) Pyridine	3.27	79	351613	30.632	ng	97
4) n-Nitrosodimethylamine	3.19	42	131391	37.786	ng	93
6) Aniline	6.42	93	386448	27.279	ng	# 45
8) 2-Chlorophenol	6.55	128	414024	40.640	ng	95
9) Benzaldehyde	6.30	77	182640	23.810	ng	99
10) Phenol	6.42	94	486400	39.185	ng	95
11) bis(2-Chloroethyl)ether	6.49	93	370640	39.024	ng	100
12) 1,3-Dichlorobenzene	6.70	146	452737	37.077	ng	99
13) 1,4-Dichlorobenzene	6.77	146	461955	37.806	ng	100
14) 1,2-Dichlorobenzene	6.93	146	428636	38.464	ng	98
15) Benzyl Alcohol	6.90	79	352282	42.456	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	307506	37.376	ng	92
17) 2-Methylphenol	7.02	107	340206	41.189	ng	96
18) Hexachloroethane	7.27	117	164450	37.618	ng	99
19) n-Nitroso-di-n-propylamine	7.17	70	271391	40.567	ng	97
20) 3+4-Methylphenols	7.17	107	422659	41.768	ng	# 72
22) Acetophenone	7.16	105	546660	39.286	ng	# 94
24) Nitrobenzene	7.34	77	428670	38.058	ng	98
25) Isophorone	7.58	82	776881	39.274	ng	100
26) 2-Nitrophenol	7.66	139	236345	39.602	ng	98
27) 2,4-Dimethylphenol	7.70	122	359787	44.420	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	480836	37.345	ng	100
29) 2,4-Dichlorophenol	7.90	162	374350	39.260	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	410120	36.277	ng	99
31) Naphthalene	8.06	128	1205688	38.657	ng	100
32) Benzoic acid	7.85	122	200279	35.852	ng	99
33) 4-Chloroaniline	8.11	127	301178	22.451	ng	99
34) Hexachlorobutadiene	8.18	225	248540	35.294	ng	98
35) Caprolactam	8.48	113	106441m	36.253	ng	
36) 4-Chloro-3-methylphenol	8.60	107	389173	40.328	ng	95
37) 2-Methylnaphthalene	8.75	142	837453	39.899	ng	99
38) 1-Methylnaphthalene	8.85	142	784353	39.735	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	418363	35.566	ng	99

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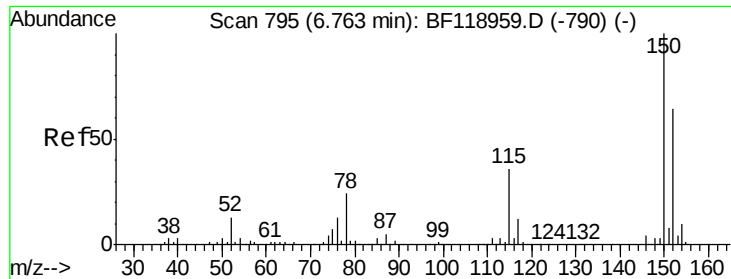
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	246434	60.190	nq	96
43) 2,4,6-Trichlorophenol	9.03	196	277800	37.397	nq	99
44) 2,4,5-Trichlorophenol	9.08	196	295128	37.861	nq	95
46) 1,1'-Biphenyl	9.22	154	1024274	36.325	nq	100
47) 2-Chloronaphthalene	9.24	162	819031	36.044	nq	98
48) 2-Nitroaniline	9.34	65	229687	36.241	nq	96
49) Acenaphthylene	9.66	152	1264803	38.539	nq	99
50) Dimethylphthalate	9.52	163	1004373	37.647	nq	99
51) 2,6-Dinitrotoluene	9.58	165	228910	38.620	nq	99
52) Acenaphthene	9.83	154	741765	37.484	nq	100
53) 3-Nitroaniline	9.75	138	156219	23.774	nq	96
54) 2,4-Dinitrophenol	9.87	184	194641	68.727	nq	99
55) Dibenzofuran	10.00	168	1143831	38.725	nq	100
56) 4-Nitrophenol	9.93	139	299058	75.749	nq	96
57) 2,4-Dinitrotoluene	9.99	165	300171	39.070	nq	92
58) Fluorene	10.34	166	890659	38.805	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	245562	37.334	nq	99
60) Diethylphthalate	10.22	149	979166	38.946	nq	100
61) 4-Chlorophenyl-phenylether	10.33	204	464411	38.227	nq	96
62) 4-Nitroaniline	10.36	138	226146	33.638	nq	99
63) Azobenzene	10.49	77	861207	39.408	nq	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	164381	40.393	nq	98
66) n-Nitrosodiphenylamine	10.45	169	812630	36.902	nq	100
67) 4-Bromophenyl-phenylether	10.82	248	317928	36.166	nq	95
68) Hexachlorobenzene	10.90	284	357546	35.277	nq	# 92
69) Atrazine	10.98	200	297891	38.718	nq	99
70) Pentachlorophenol	11.09	266	302238	74.028	nq	99
71) Phenanthrene	11.30	178	1351350	36.845	nq	100
72) Anthracene	11.35	178	1399859	38.200	nq	100
73) Carbazole	11.51	167	1225692	37.544	nq	99
74) Di-n-butylphthalate	11.84	149	1524618	38.563	nq	99
75) Fluoranthene	12.49	202	1452756	37.316	nq	99
77) Benzidine	12.60	184	383086	19.648	nq	98
78) Pyrene	12.72	202	1451487	37.703	nq	99
80) Butylbenzylphthalate	13.33	149	627522	38.730	nq	99
81) Benzo(a)anthracene	13.90	228	1211416	37.084	nq	100
82) 3,3'-Dichlorobenzidine	13.86	252	361990	28.538	nq	100
83) Chrysene	13.94	228	1182717	36.336	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	846672	41.363	nq	99
85) Di-n-octyl phthalate	14.50	149	1340875	41.113	nq	100
86) Indeno(1,2,3-cd)pyrene	16.76	276	955959	30.332	nq	99
88) Benzo(b)fluoranthene	14.93	252	1060162	43.793	nq	100
89) Benzo(k)fluoranthene	14.96	252	1024685	45.674	nq	99
90) Benzo(a)pyrene	15.28	252	881630	40.351	nq	99
91) Dibenzo(a,h)anthracene	16.76	278	805319	41.890	nq	99
92) Benzo(g,h,i)perylene	17.17	276	805511	42.407	nq	99

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



#1

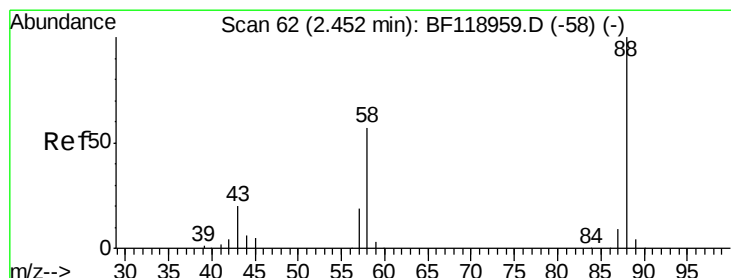
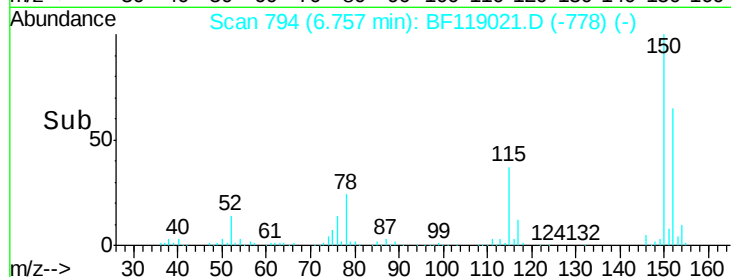
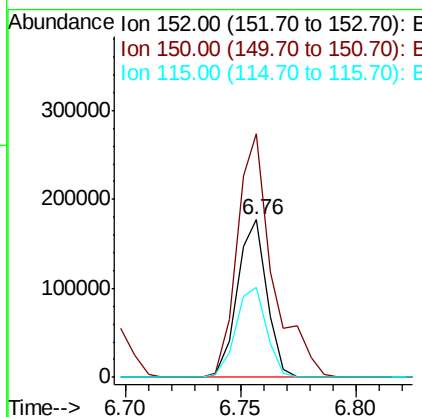
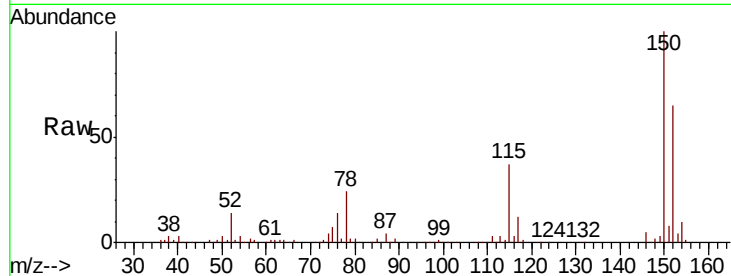
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.3	186.5
115	57.5	44.6	67.0

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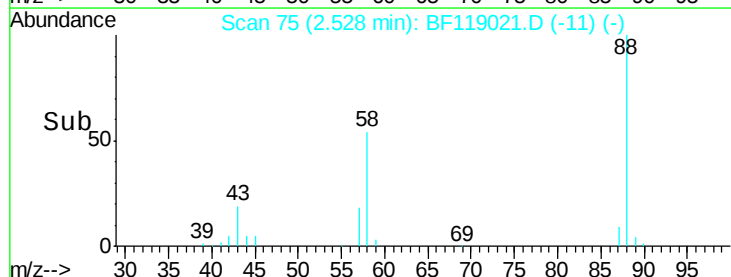
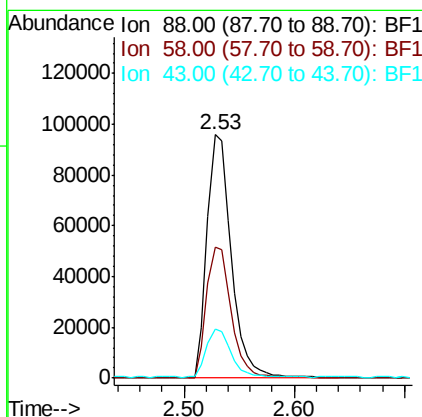
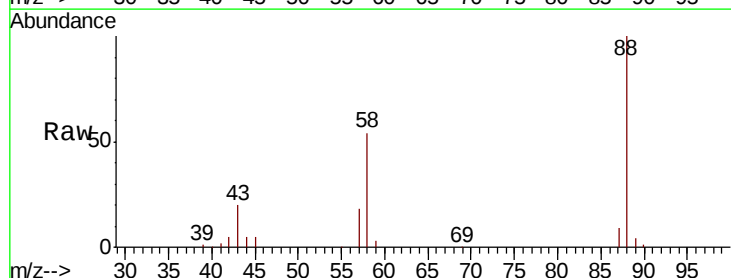
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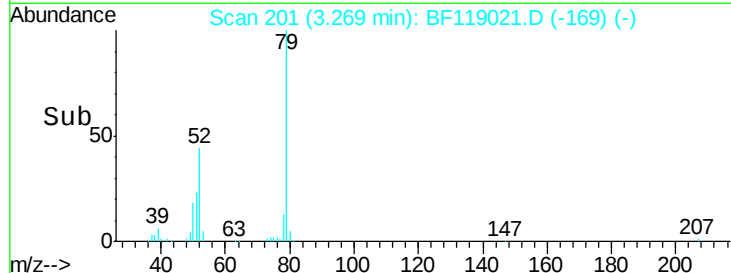
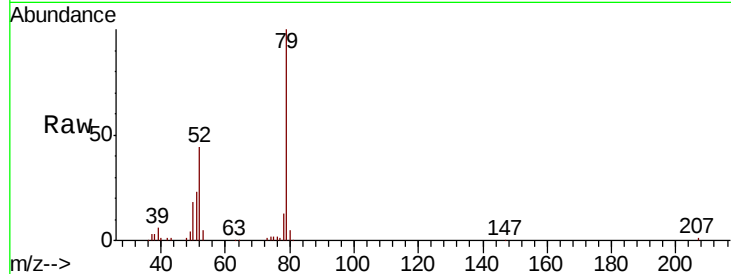


#2

1,4-Dioxane
Concen: 34.302 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.08 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.2	44.6	66.8
43	20.4	16.0	24.0





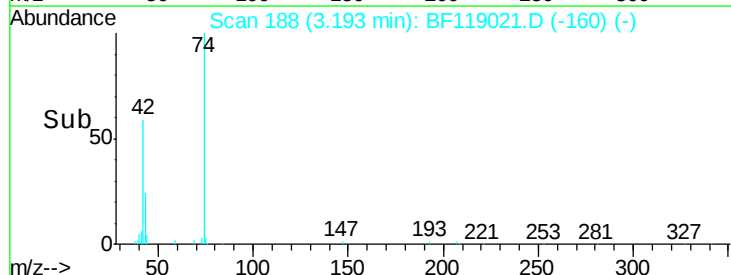
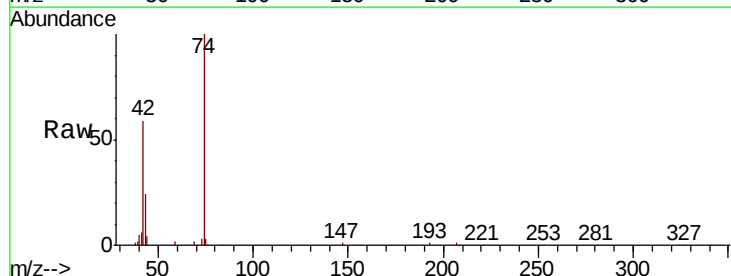
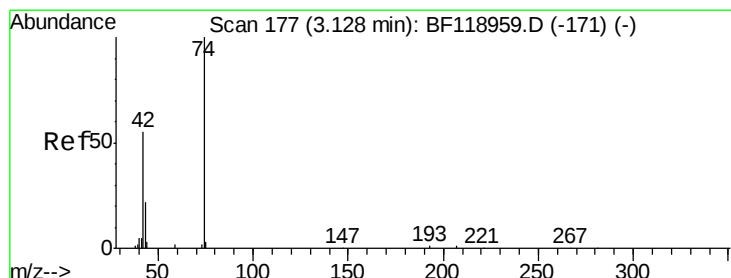
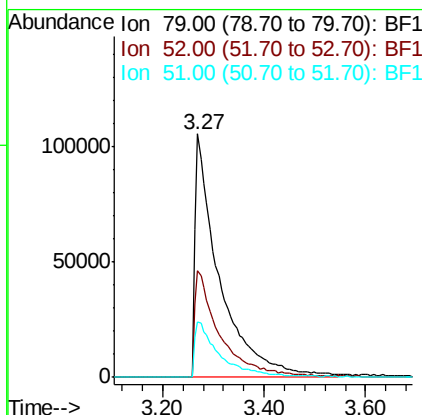
#3
Pvridine
Concen: 30.632 ng
RT: 3.27 min Scan# 201
Delta R.T. 0.09 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tot Ion	Ratio	Lower	Upper
79	100		
52	43.8	36.3	54.5
51	22.9	19.5	29.3

Instrument :
BNA_F
ClientSampleId :
PB127020BS

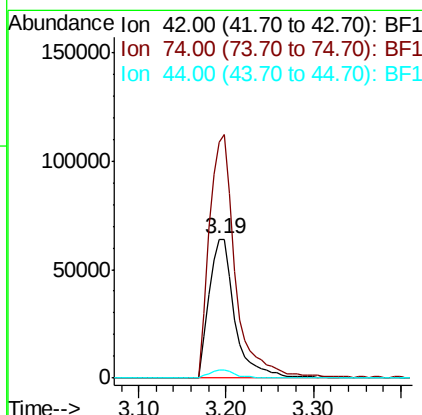
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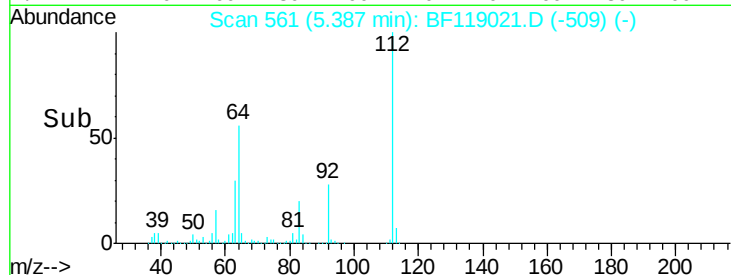
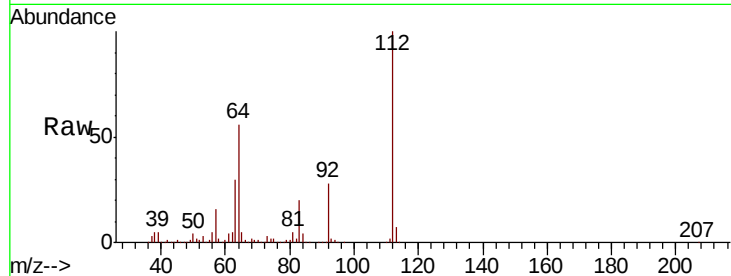
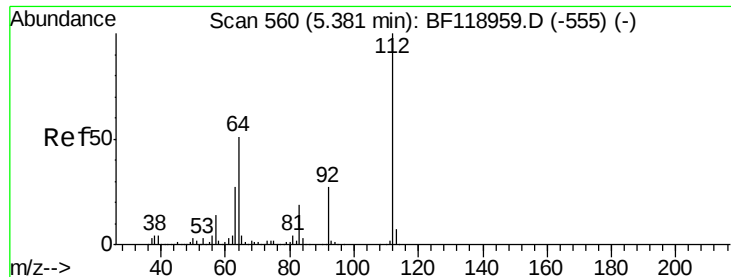
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#4
n-Nitrosodimethylamine
Concen: 37.786 ng
RT: 3.19 min Scan# 188
Delta R.T. 0.06 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	170.3	144.4	216.6
44	6.2	4.5	6.7





#5

2-Fluorophenol

Concen: 105.622 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Instrument :

BNA_F

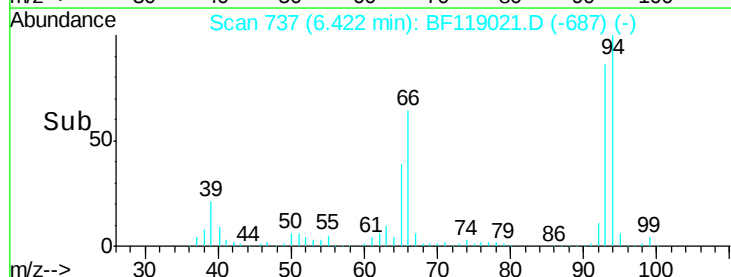
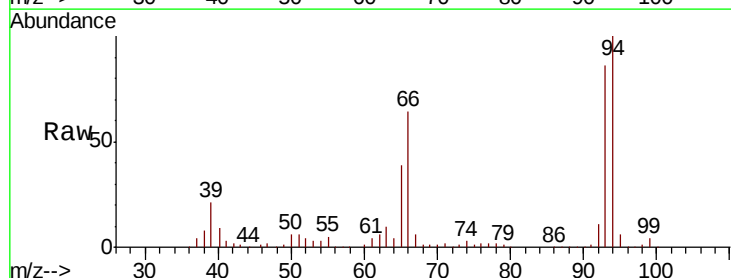
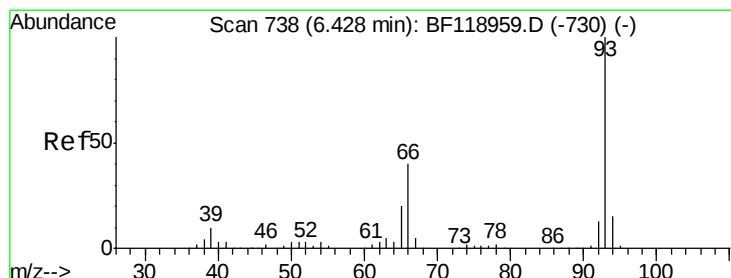
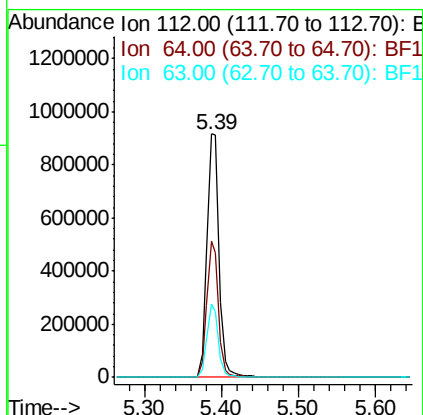
ClientSampleId :

PB127020BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		997082		
64	55.7	40.4	60.6		
63	30.0	21.3	31.9		

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#6

Aniline

Concen: 27.279 ng

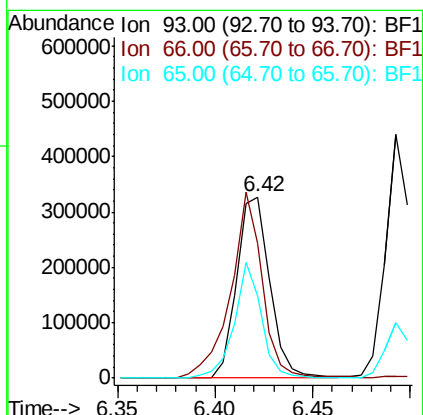
RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		386448		
66	74.7	32.2	48.2#		
65	45.4	16.1	24.1#		





#7

Phenol-d6

Concen: 107.030 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Instrument :

BNA_F

ClientSampleId :

PB127020BS

Tot Ion: 99 Resp: 1228806

Ion Ratio Lower Upper

99 100

42 15.3 11.4 17.0

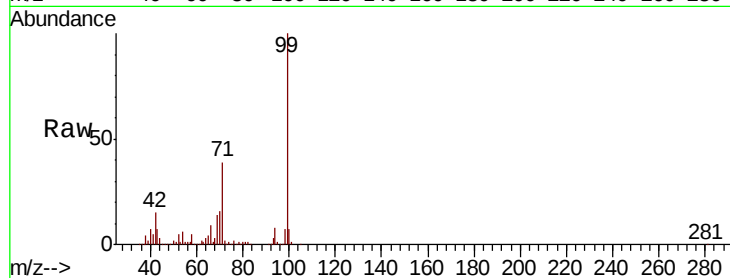
71 38.6 29.8 44.6

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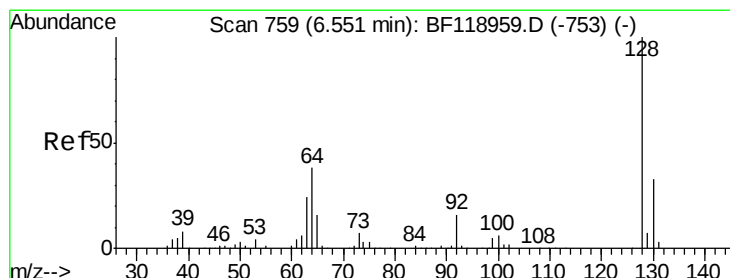
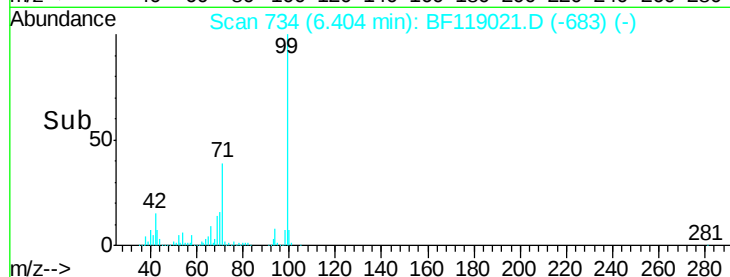
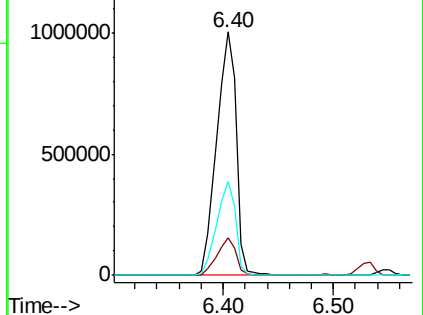
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.640 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

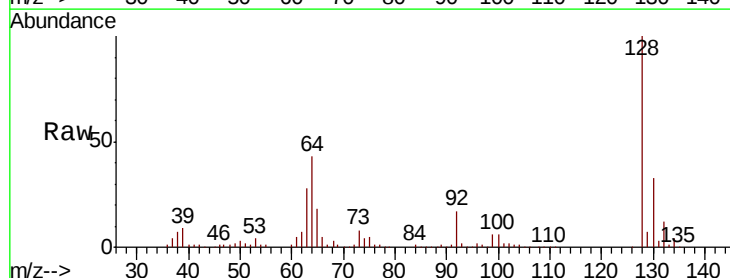
Tgt Ion: 128 Resp: 414024

Ion Ratio Lower Upper

128 100

130 33.3 12.7 52.7

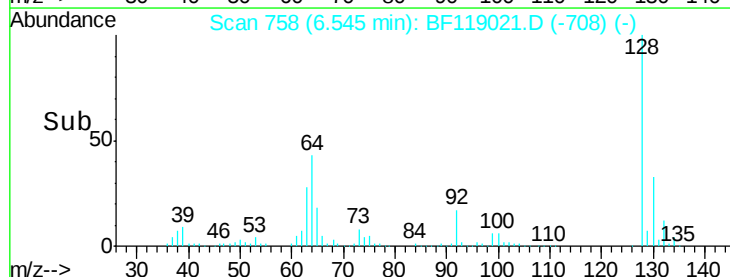
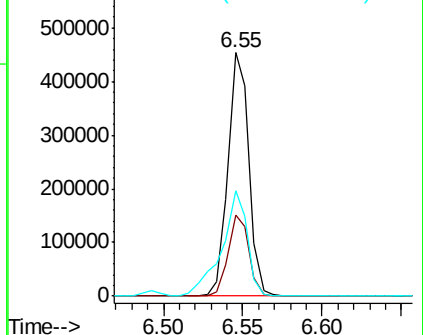
64 43.3 18.7 58.7

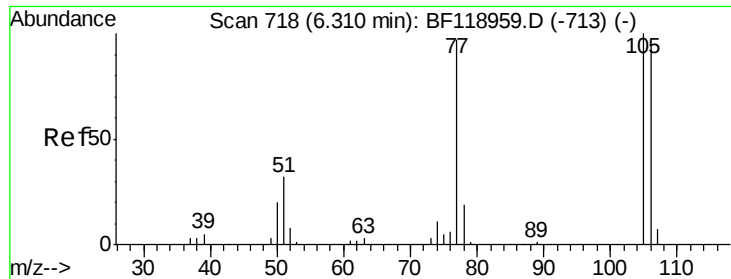


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.810 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Instrument :

BNA_F

ClientSampleId :

PB127020BS

Tot Ion: 77 Resp: 182640

Ion Ratio Lower Upper

77 100

105 102.4 83.0 123.0

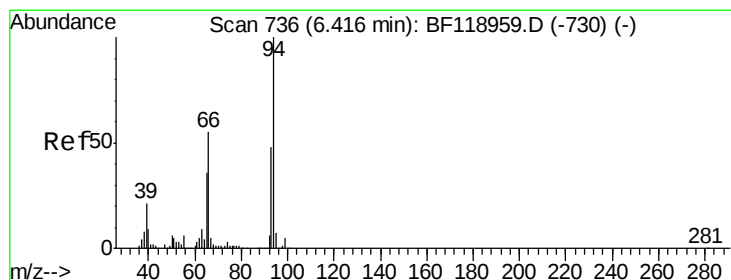
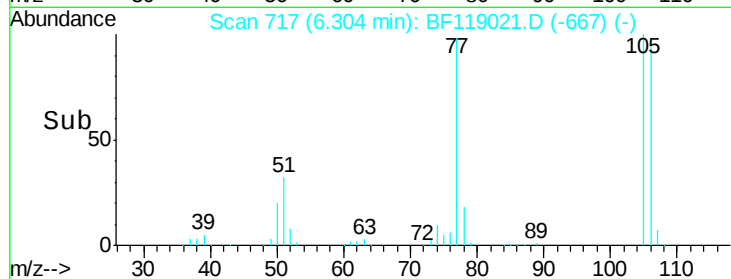
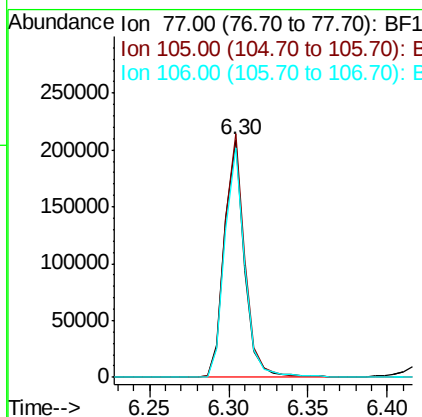
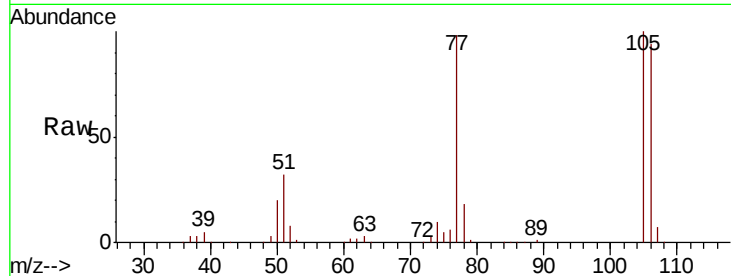
106 96.5 78.3 118.3

Manual Integrations

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#10

Phenol

Concen: 39.185 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

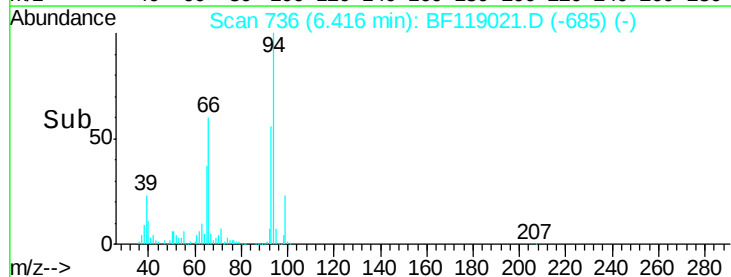
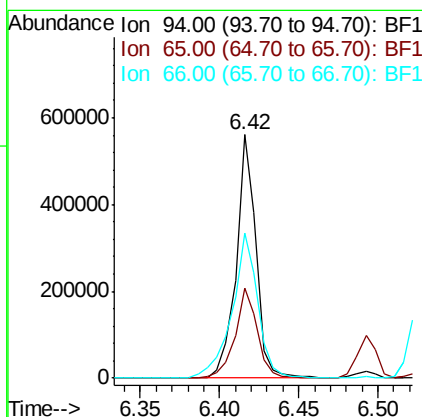
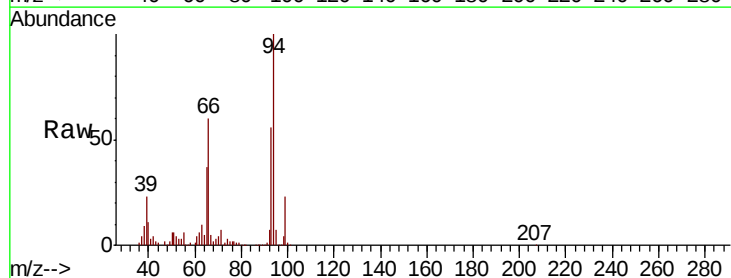
Tgt Ion: 94 Resp: 486400

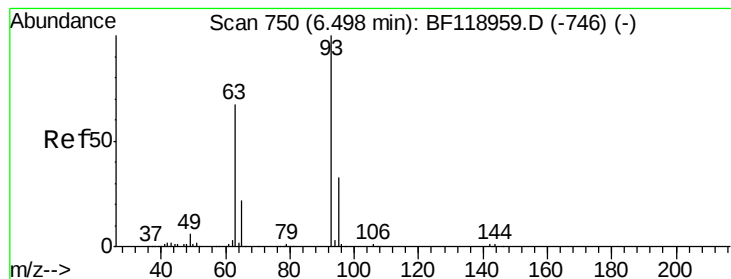
Ion Ratio Lower Upper

94 100

65 37.2 15.5 55.5

66 59.7 35.6 75.6





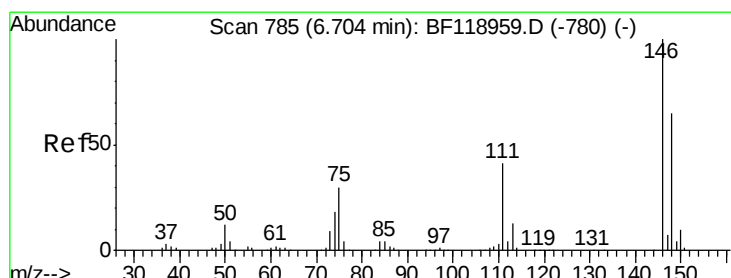
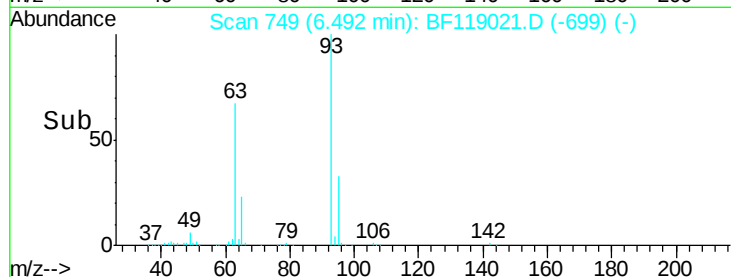
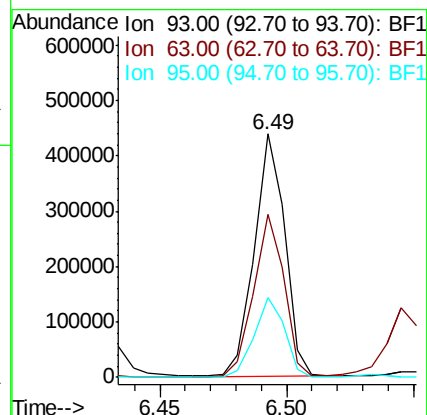
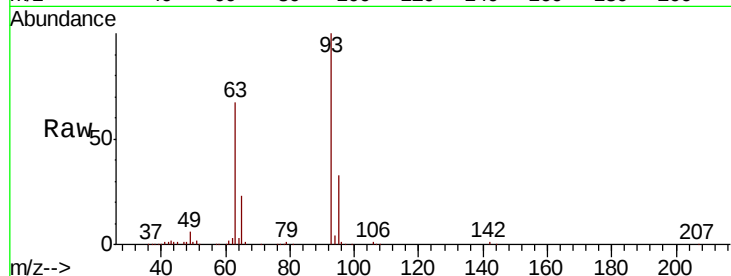
#11
bis(2-Chloroethyl)ether
Concen: 39.024 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	370640		
63	67.1		46.8	86.8
95	32.9		12.7	52.7

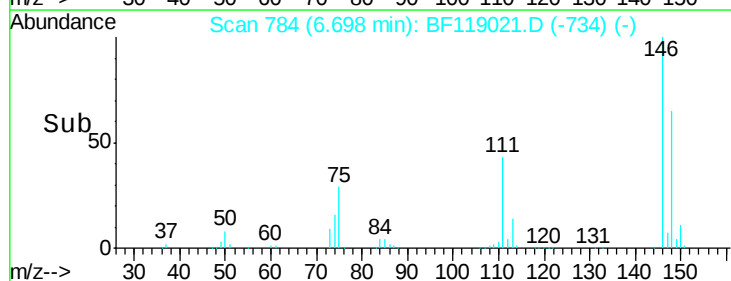
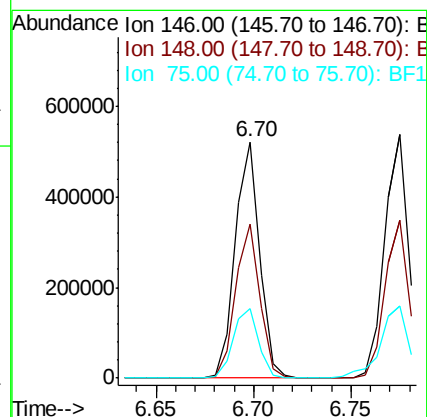
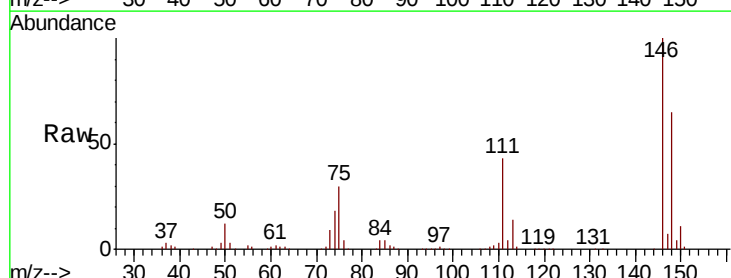
Manual Integrations
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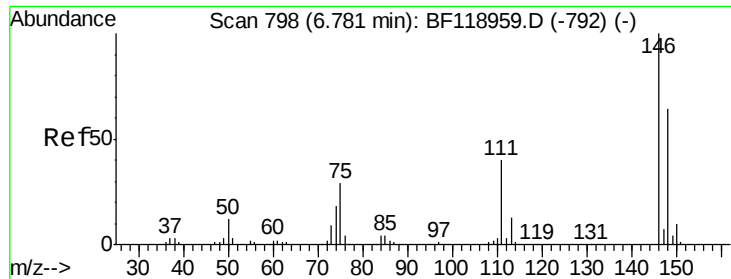
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.077 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	452737		
148	65.2		51.7	77.5
75	29.5		23.6	35.4





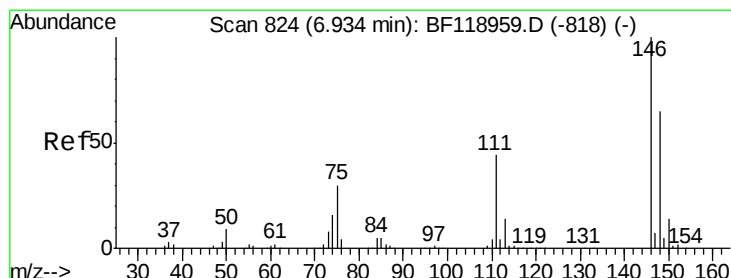
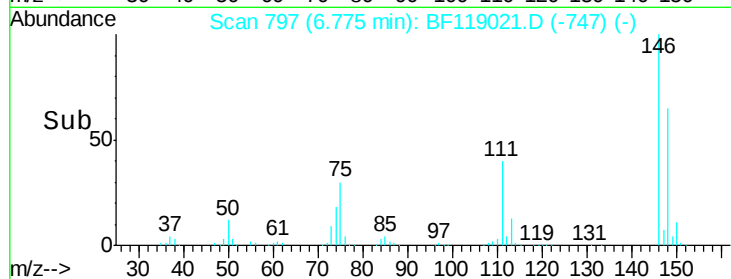
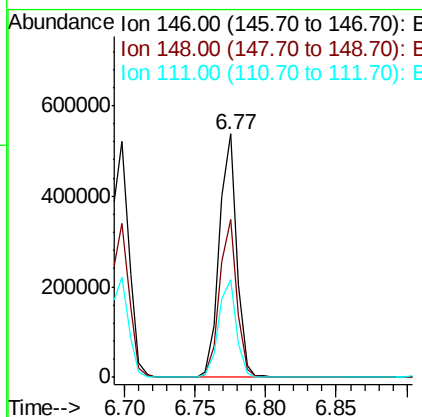
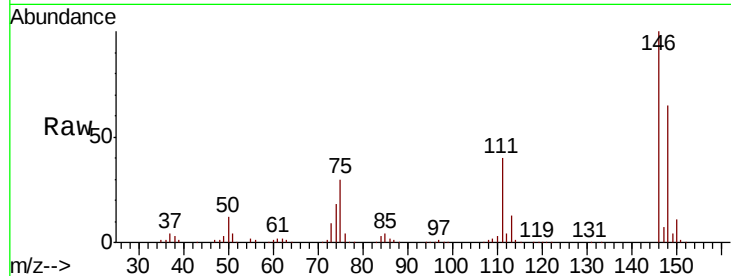
#13
 1,4-Dichlorobenzene
 Concen: 37.806 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB127020BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	40.1	31.9	47.9

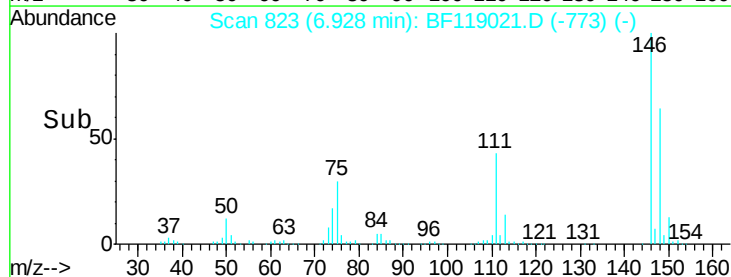
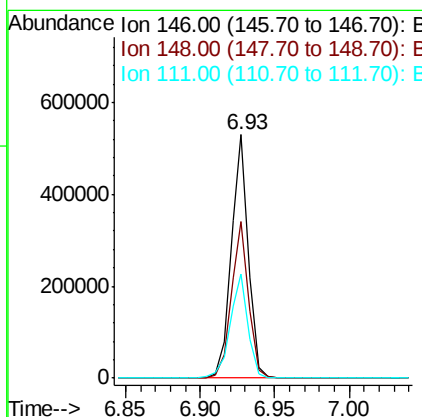
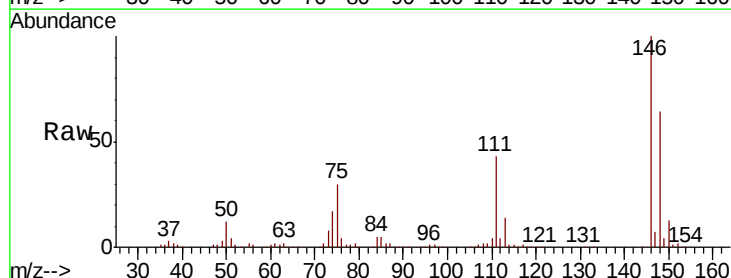
Manual Integrations
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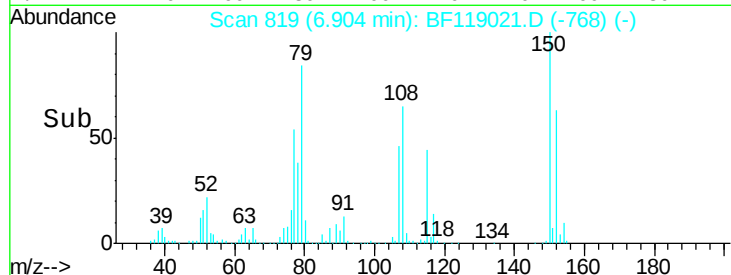
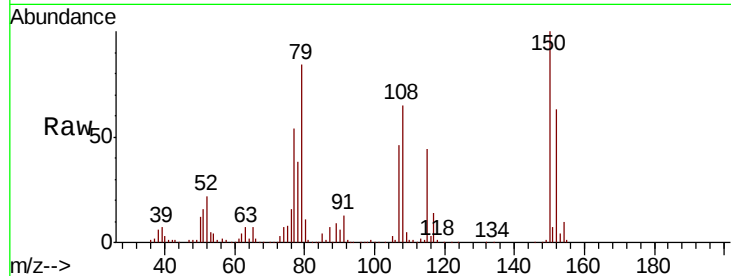
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.464 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.1	78.1
111	42.8	35.5	53.3





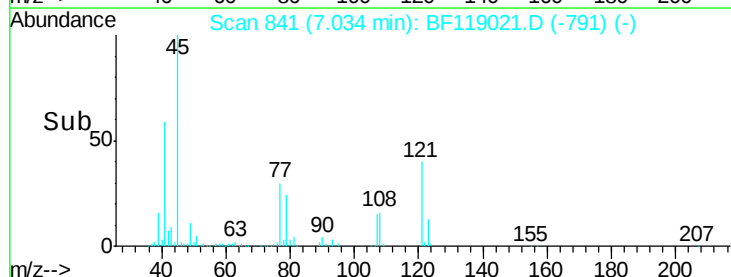
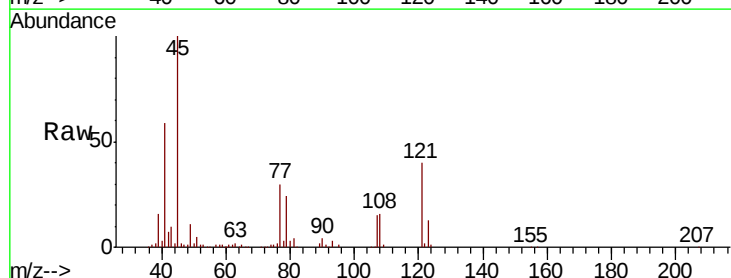
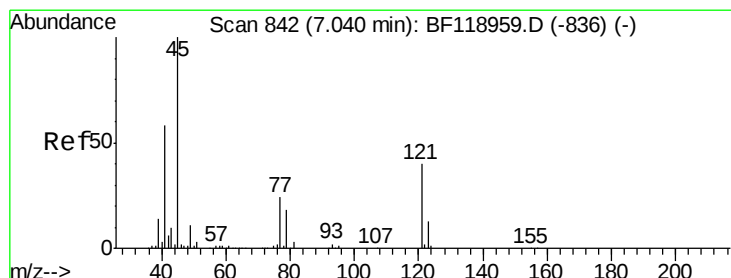
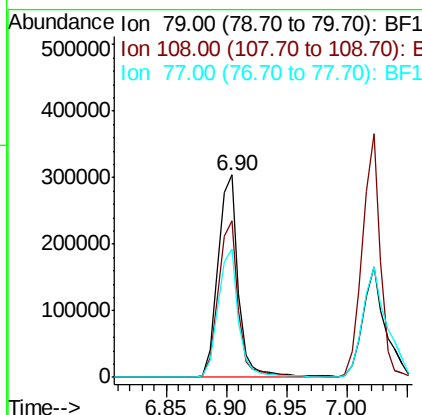
#15
Benzyl Alcohol
Concen: 42.456 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.5	61.1	91.7
77	63.7	50.2	75.2

Instrument :
BNA_F
ClientSampleID :
PB127020BS

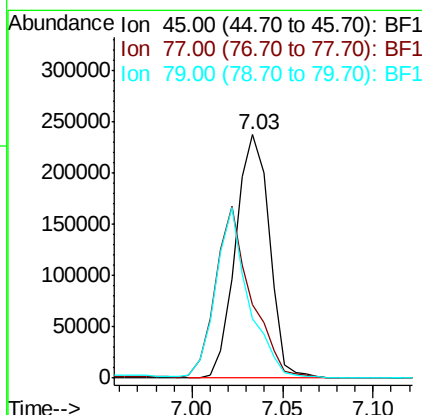
Manual Integrations
APPROVED

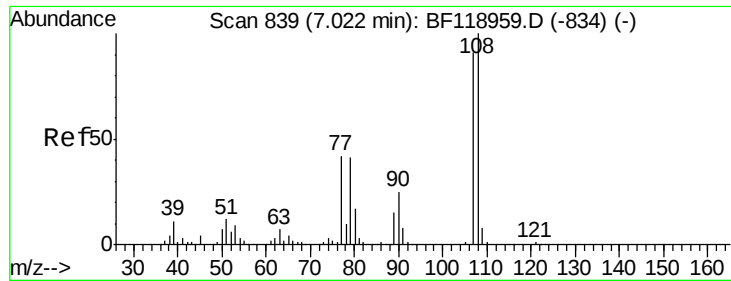
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.376 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.3	6.1	46.1
79	24.2	0.5	40.5





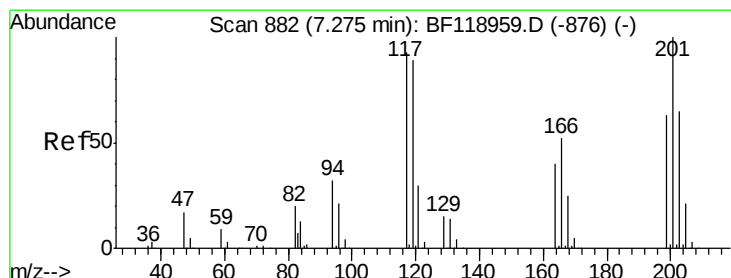
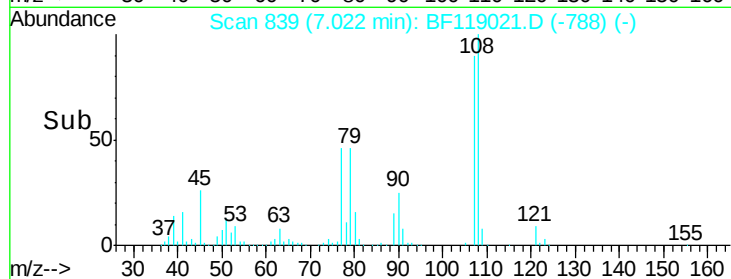
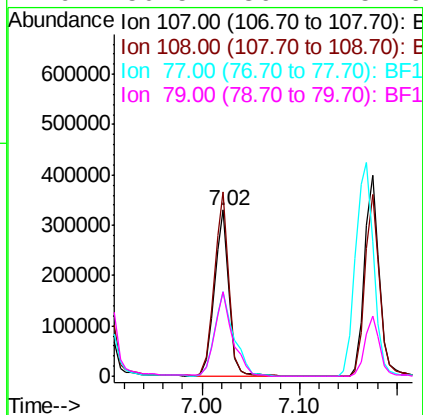
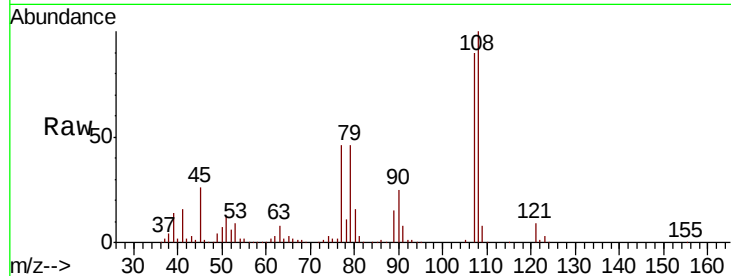
#17
2-Methylphenol
Concen: 41.189 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion:	107	Resp:	340206
Ion	Ratio	Lower	Upper
107	100		
108	110.8	87.7	131.5
77	50.6	36.8	55.2
79	50.5	36.4	54.6

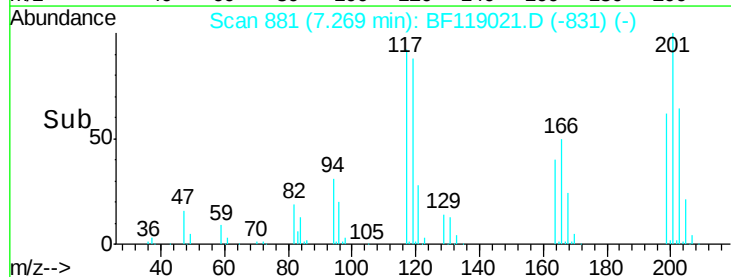
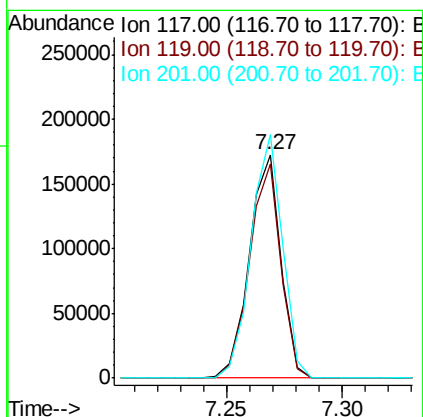
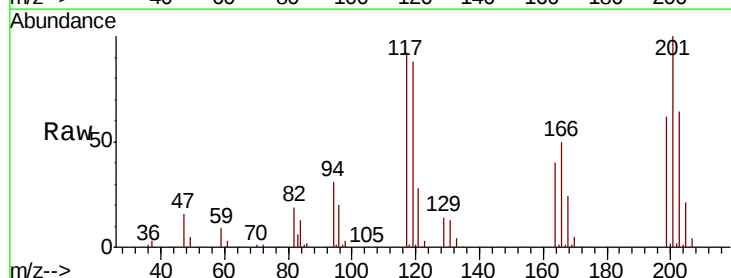
Manual Integrations
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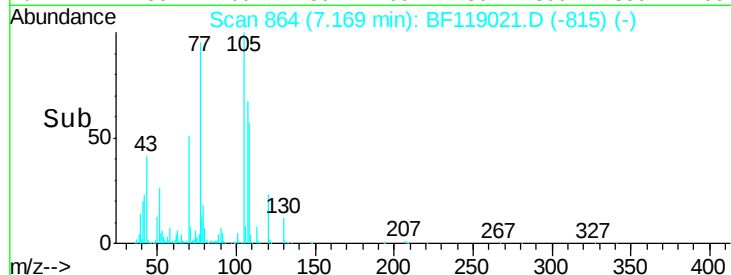
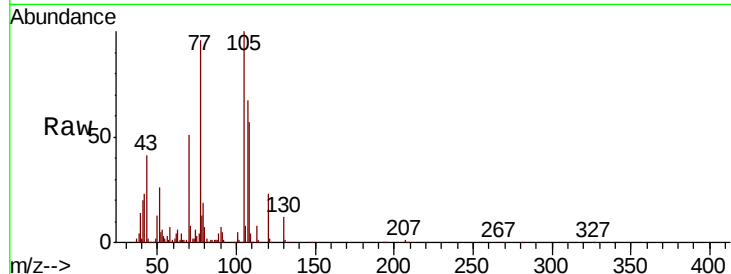
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#18
Hexachloroethane
Concen: 37.618 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion:	117	Resp:	164450
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.0	115.6
201	109.0	86.4	129.6





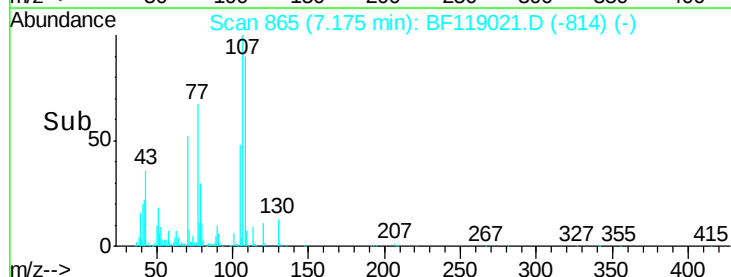
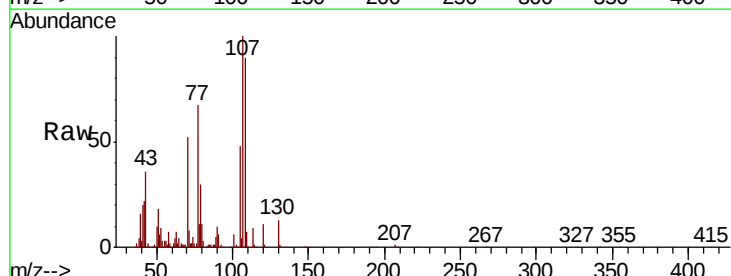
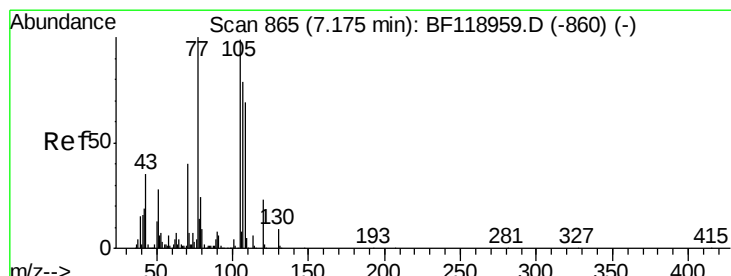
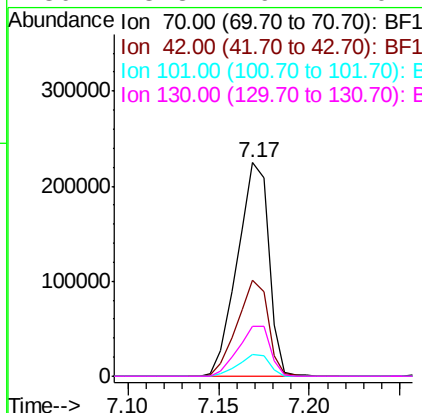
#19
n-Nitroso-di-n-propylamine
Concen: 40.567 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.3	34.6	51.8
101	10.5	8.1	12.1
130	23.3	19.4	29.2

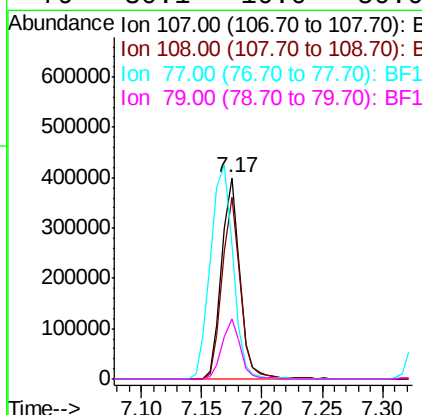
Manual Integrations
APPROVED

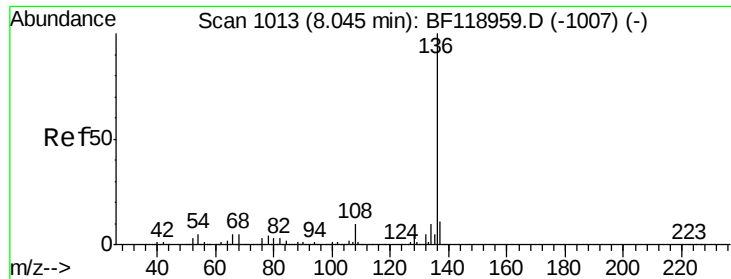
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#20
3+4-Methylphenols
Concen: 41.768 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	67.0	107.0
77	67.0	106.2	146.2#
79	30.1	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Instrument :

BNA_F

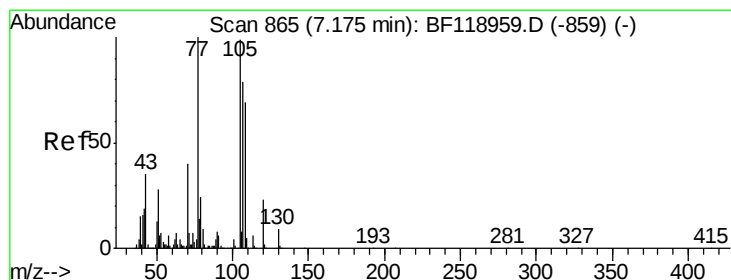
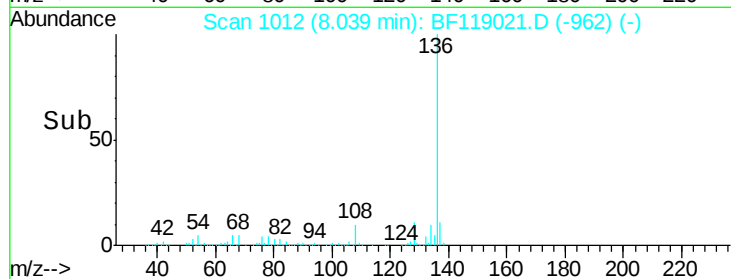
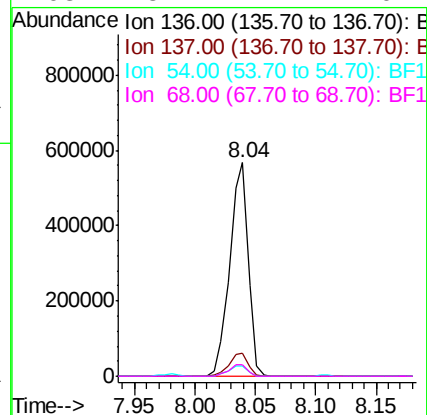
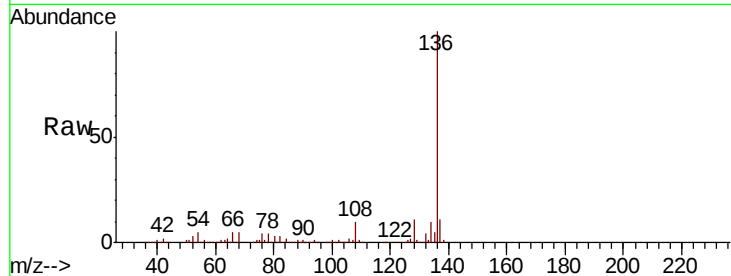
ClientSampleId :

PB127020BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		601395		
137	10.9		8.9	13.3	
54	4.6		3.8	5.6	
68	5.2		4.2	6.2	

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#22

Acetophenone

Concen: 39.286 ng

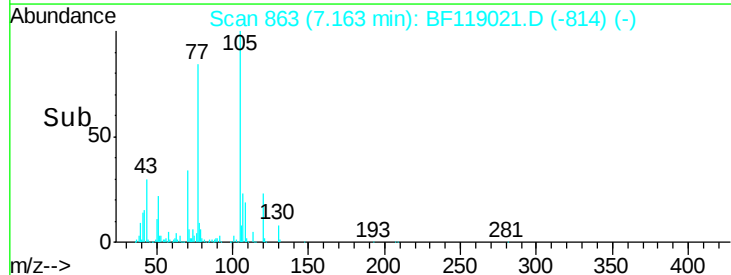
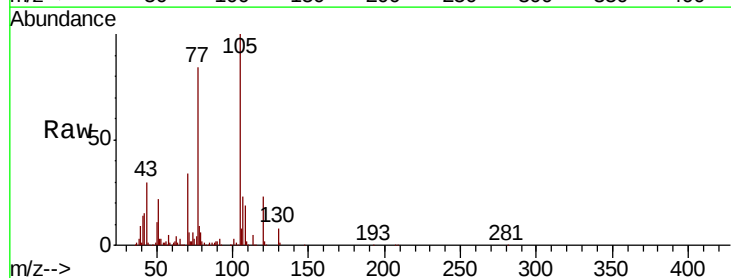
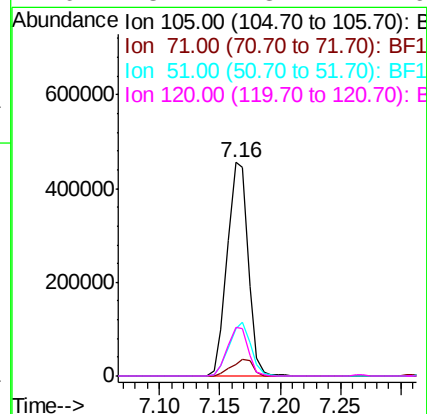
RT: 7.16 min Scan# 863

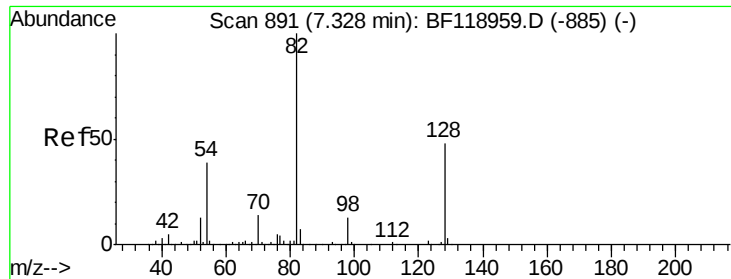
Delta R.T. -0.01 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		546660		
71	5.7		5.4	8.0	
51	22.4		22.5	33.7	
120	23.1		18.4	27.6	





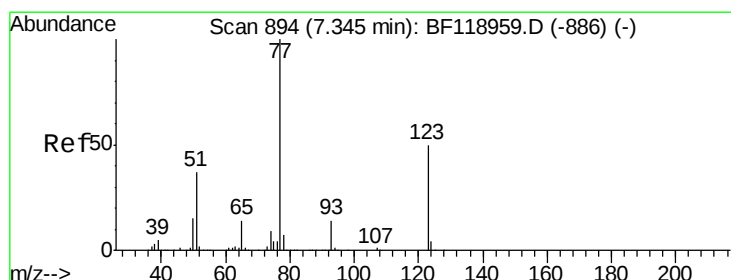
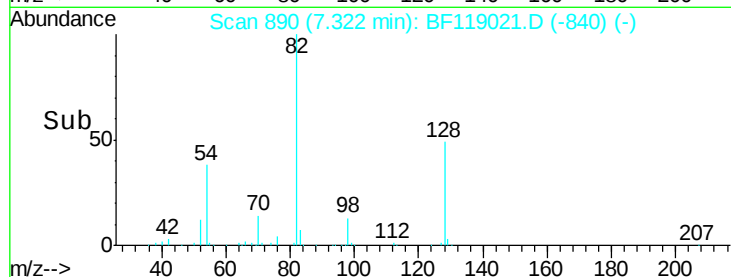
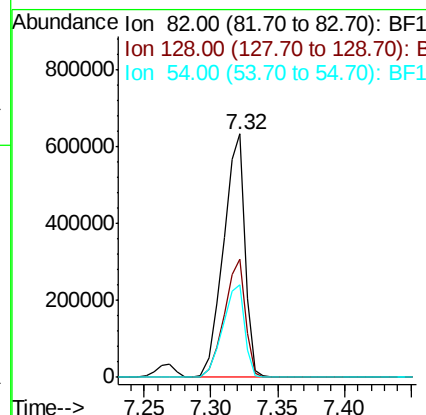
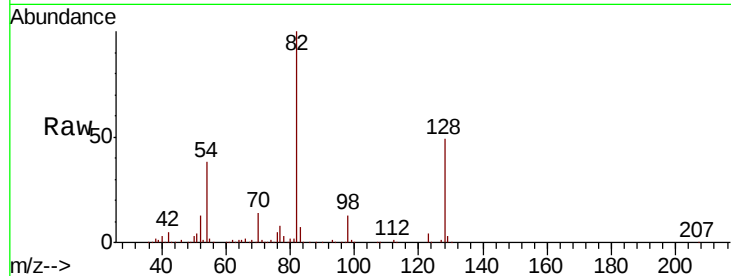
#23
Nitrobenzene-d5
Concen: 63.318 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	721191		
128	48.5	38.2	57.2	
54	38.2	31.3	46.9	

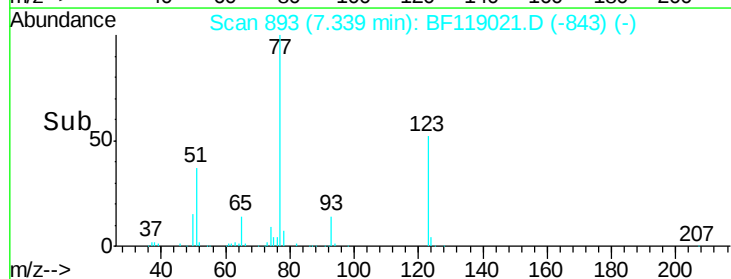
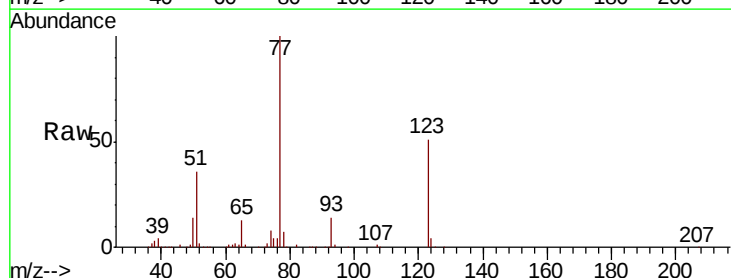
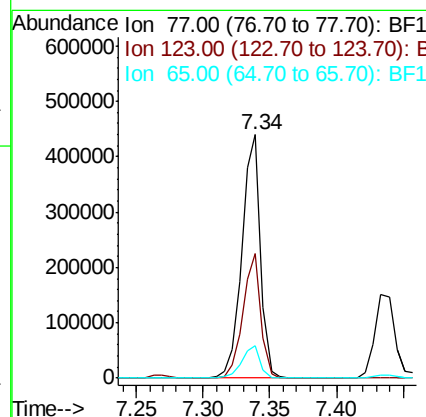
Manual Integrations
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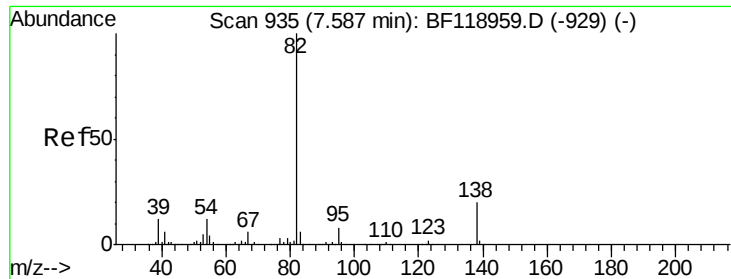
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#24
Nitrobenzene
Concen: 38.058 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	428670		
123	51.4	40.1	60.1	
65	13.2	10.9	16.3	





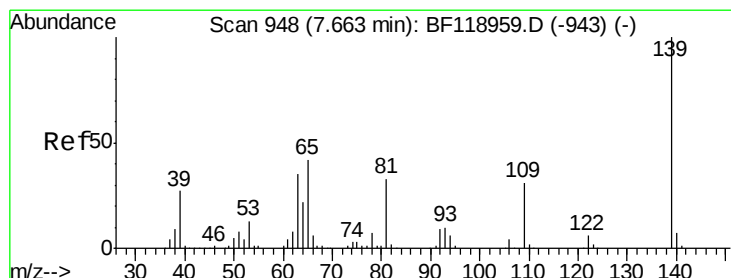
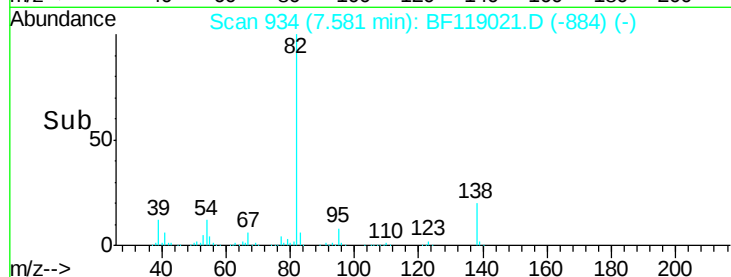
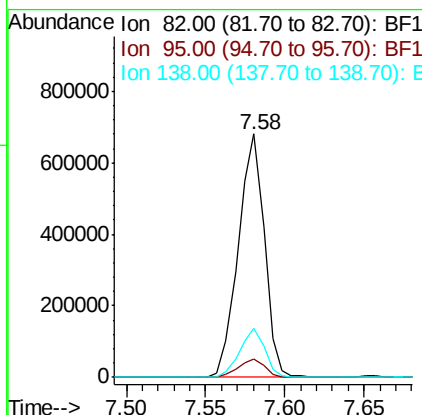
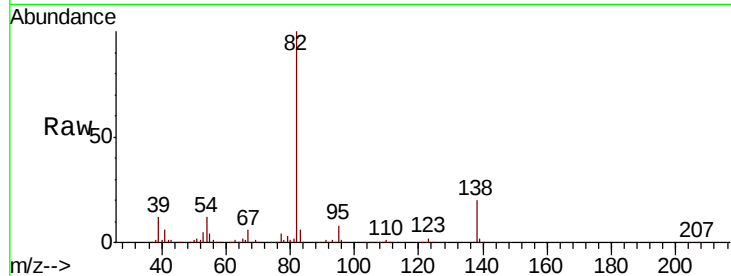
#25
Isophorone
Concen: 39.274 ng
RT: 7.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.1	9.1
138	19.9	15.8	23.6

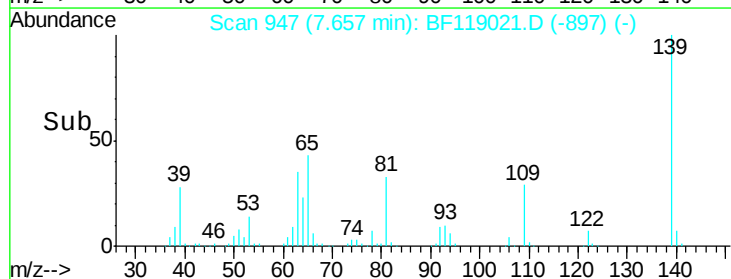
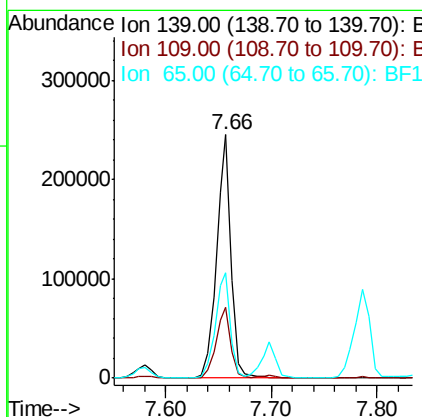
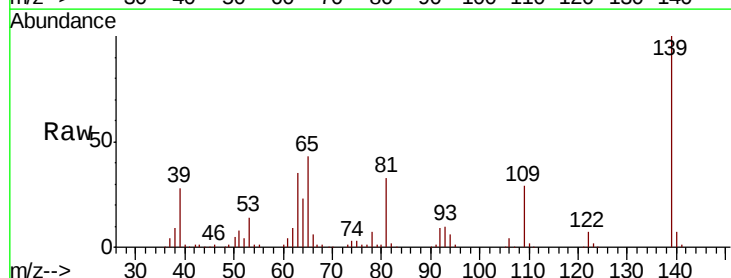
Manual Integrations
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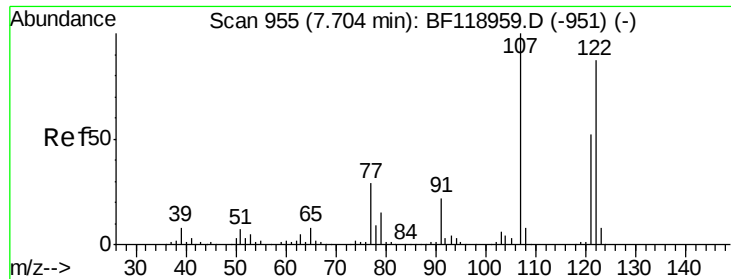
mohammad
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#26
2-Nitrophenol
Concen: 39.602 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.3	24.6	36.8
65	43.3	33.6	50.4





#27

2,4-Dimethylphenol

Concen: 44.420 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Instrument :

BNA_F

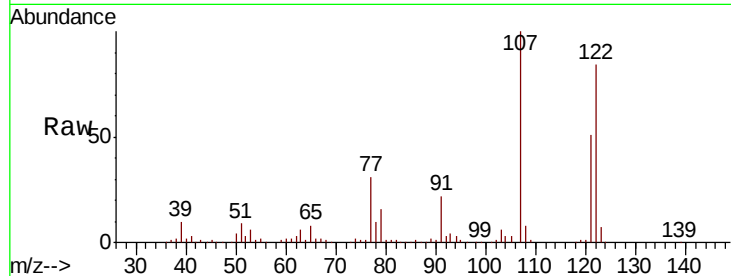
ClientSampleId :

PB127020BS

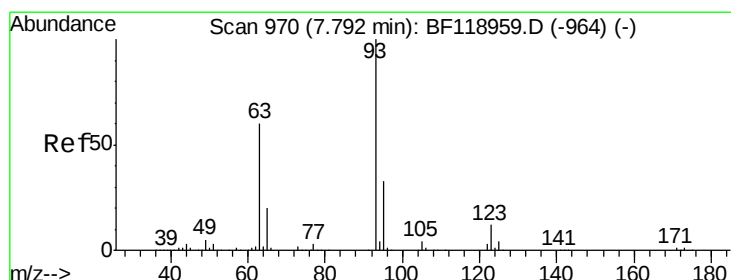
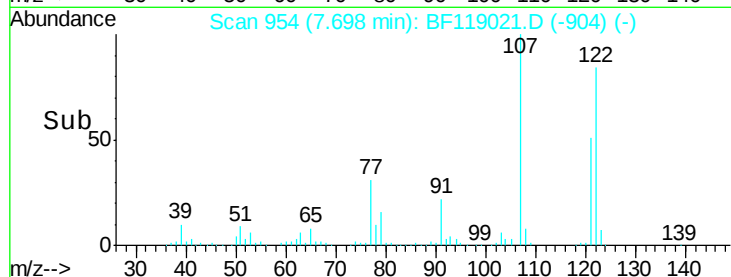
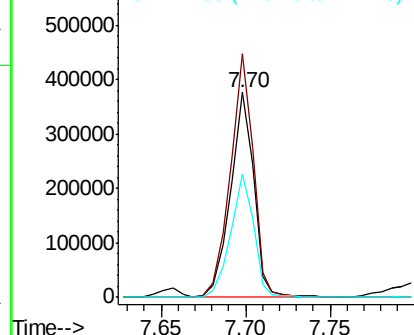
Tot Ion:	122	Resp:	359787
Ion Ratio	Lower	Upper	
122	100		
107	118.9	91.8	137.8
121	60.5	47.4	71.0

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.345 ng

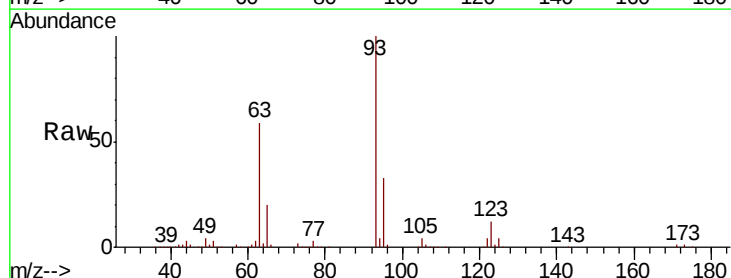
RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

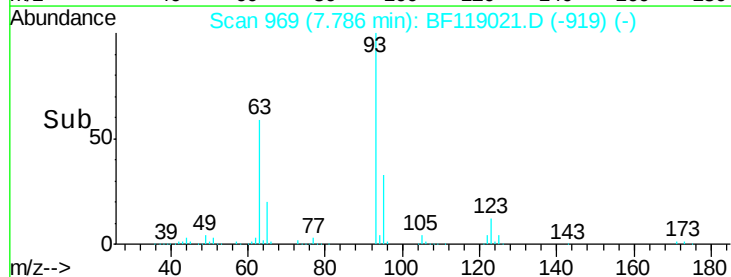
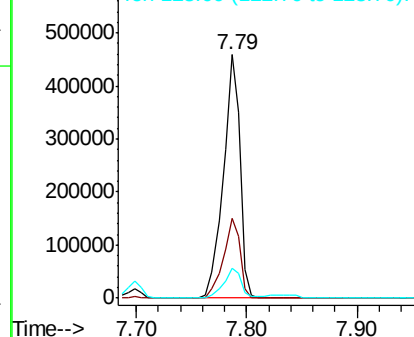
Lab File: BF119021.D

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Tgt Ion:	93	Resp:	480836
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	12.3	9.8	14.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





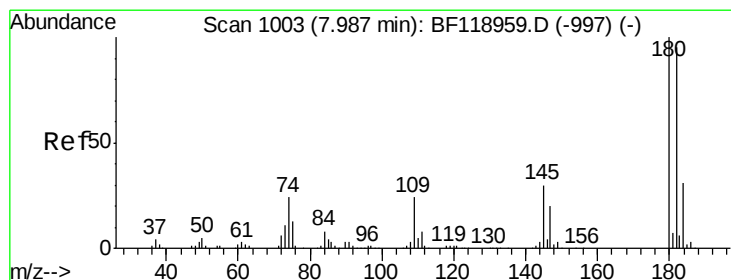
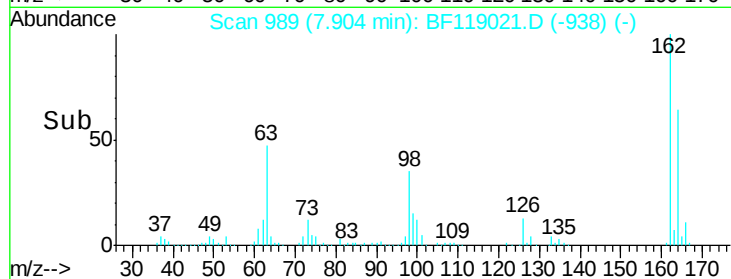
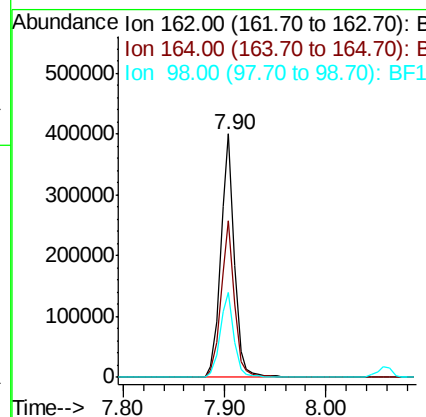
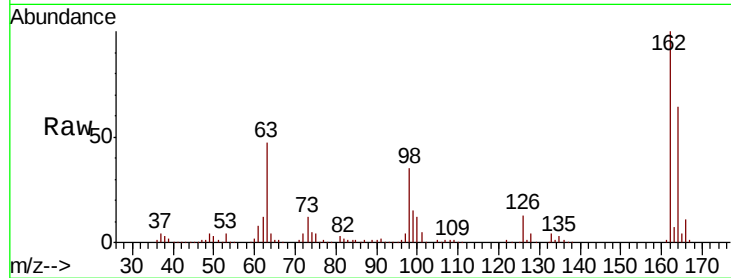
#29
2,4-Dichlorophenol
Concen: 39.260 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	374350		
164	64.3	44.1	84.1	
98	35.1	16.4	56.4	

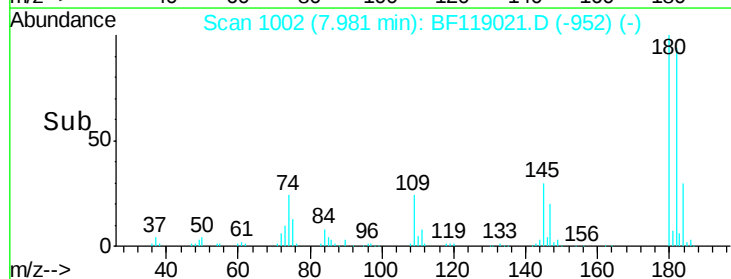
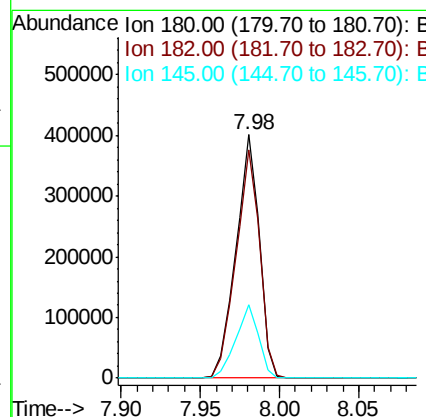
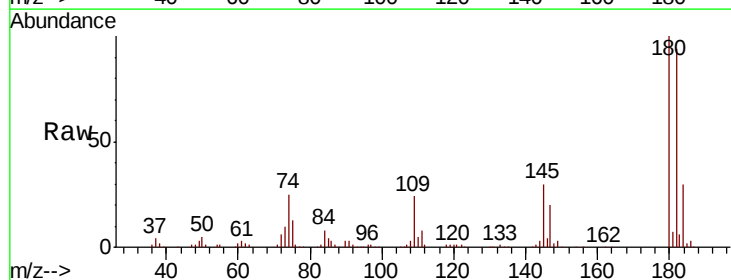
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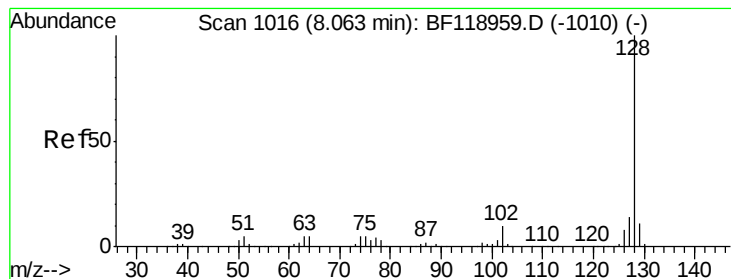
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 36.277 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	410120		
182	93.9	75.8	113.8	
145	30.2	24.2	36.2	





#31

Naphthalene

Concen: 38.657 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Instrument :

BNA_F

ClientSampleId :

PB127020BS

Tot Ion:128 Resp: 1205688

Ion Ratio Lower Upper

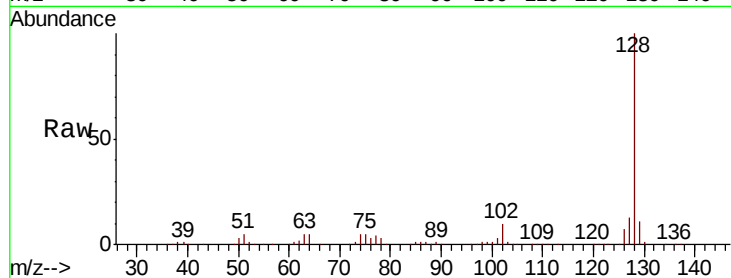
128 100

129 11.4 9.0 13.4

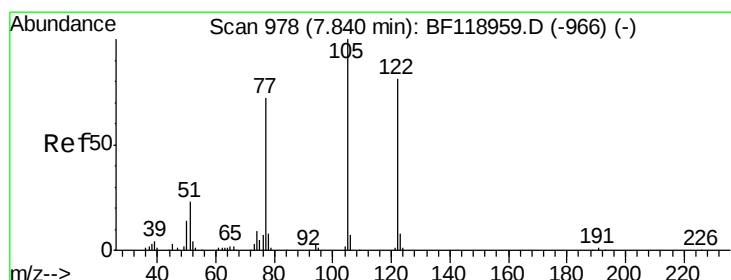
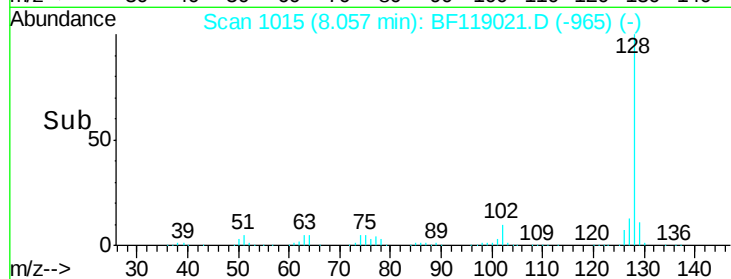
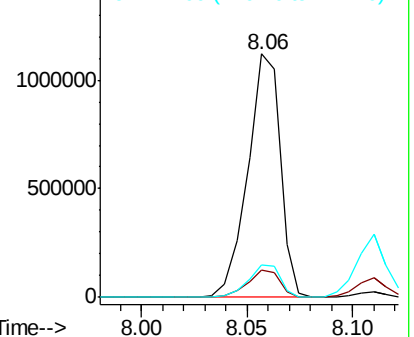
127 13.5 10.9 16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.852 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

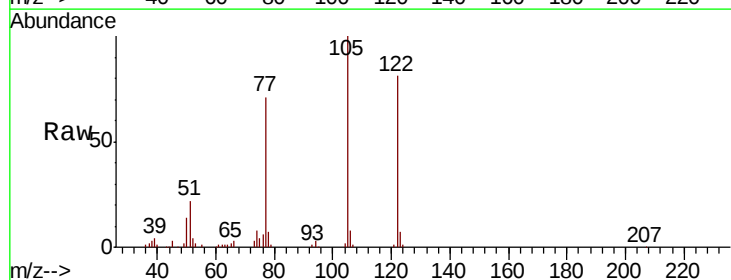
Tgt Ion:122 Resp: 200279

Ion Ratio Lower Upper

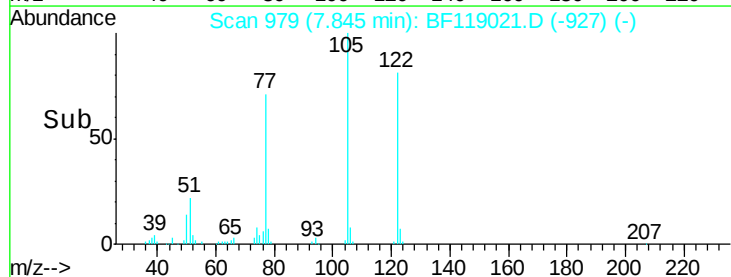
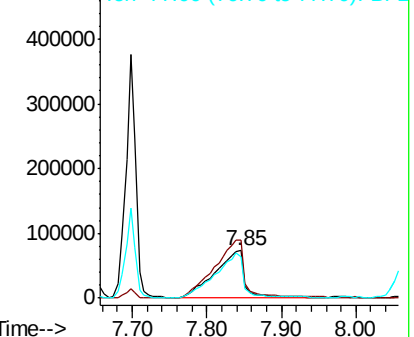
122 100

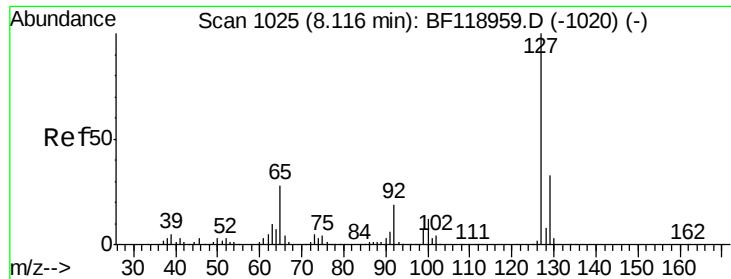
105 123.3 102.2 142.2

77 87.6 68.6 108.6



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





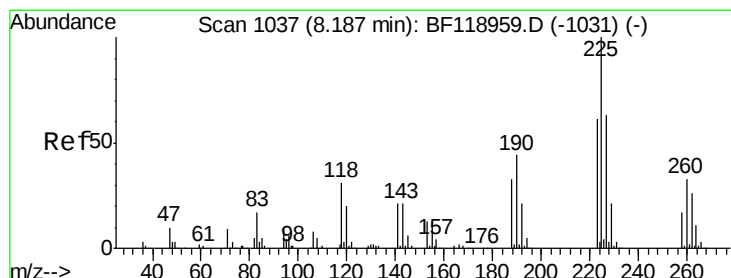
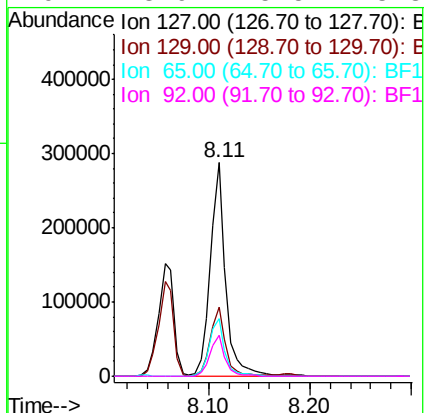
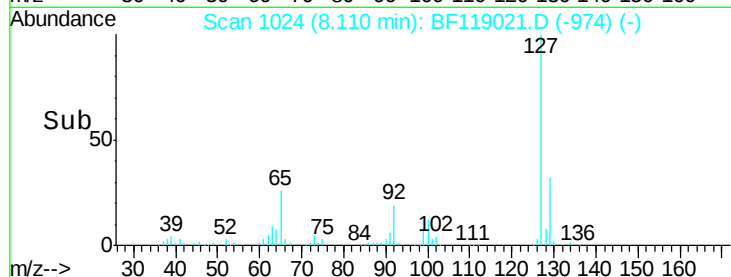
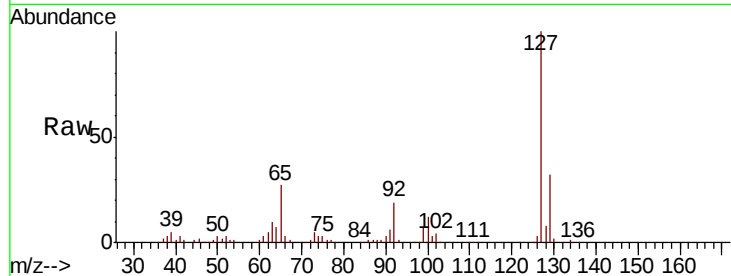
#33
4-Chloroaniline
Concen: 22.451 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.2	39.2		
65	26.7	22.0	33.0		
92	18.9	15.5	23.3		

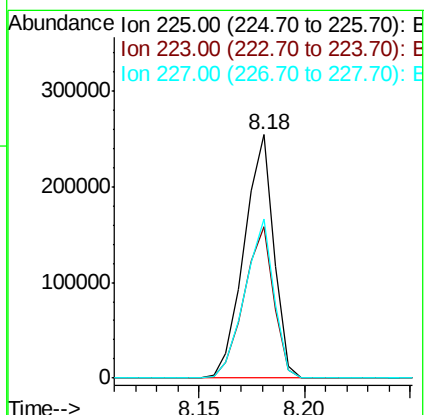
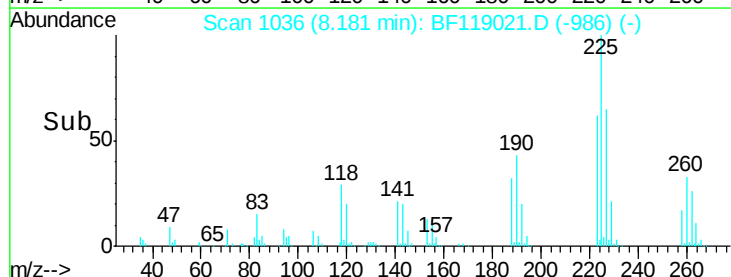
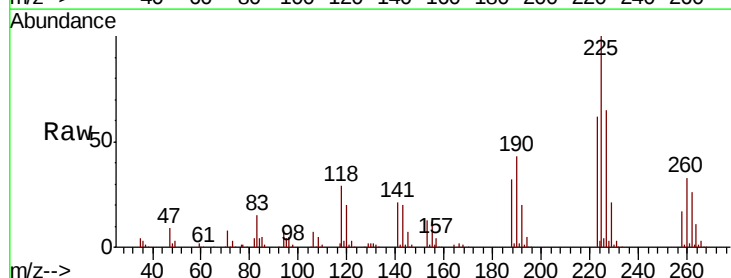
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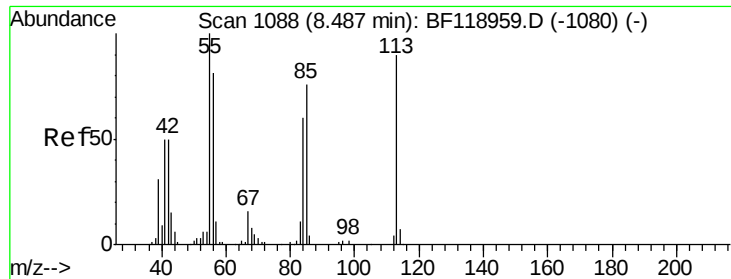
mohammad
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#34
Hexachlorobutadiene
Concen: 35.294 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	48.9	73.3		
227	65.2	50.4	75.6		





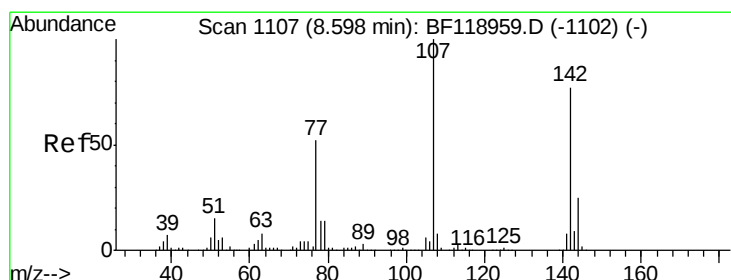
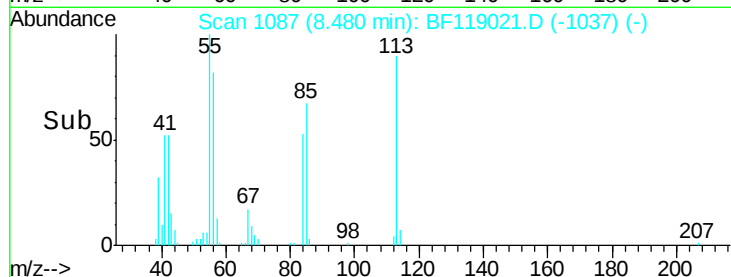
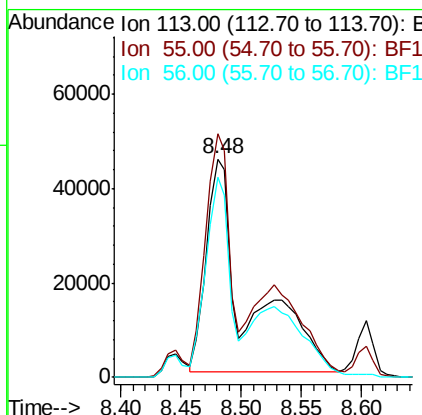
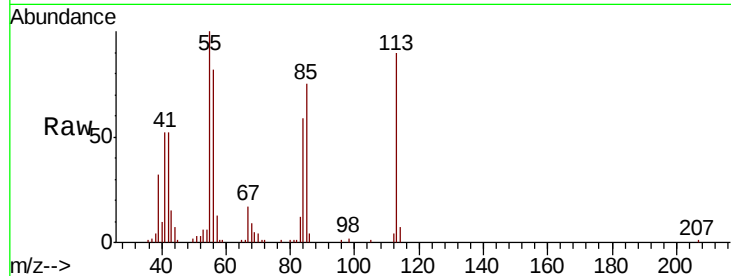
#35
Caprolactam
Concen: 36.253 ng/ml
RT: 8.48 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		106441		
55	111.7	90.8	130.8		
56	91.5	70.0	110.0		

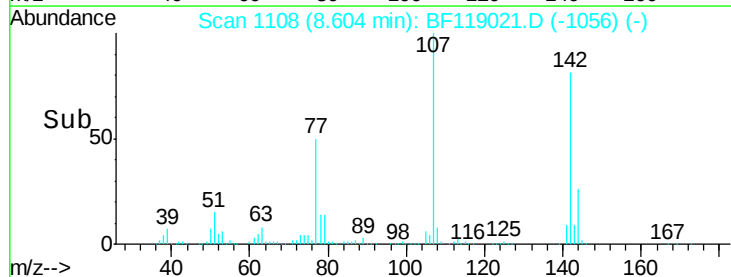
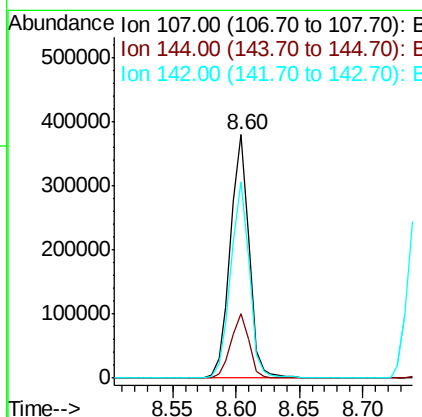
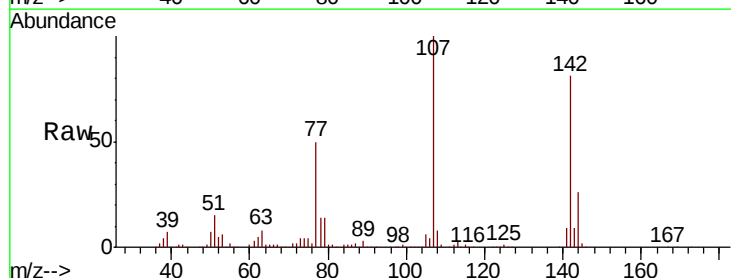
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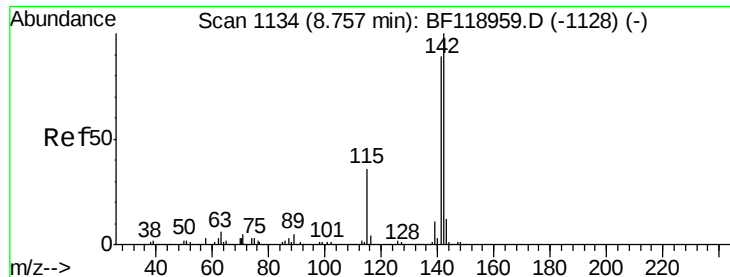
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#36
4-Chloro-3-methylphenol
Concen: 40.328 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		389173		
144	26.4	19.8	29.8		
142	80.8	61.3	91.9		





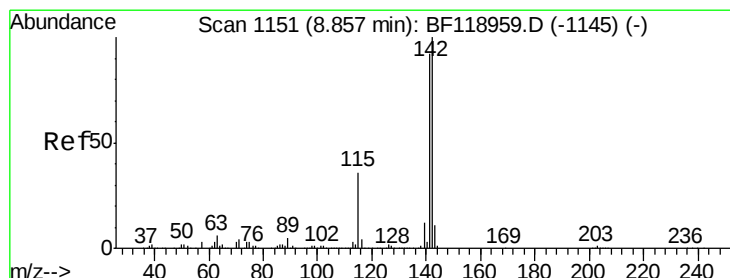
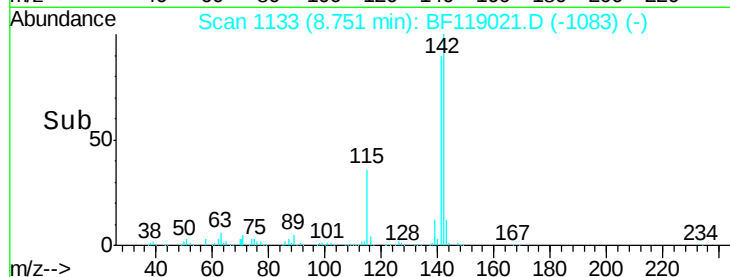
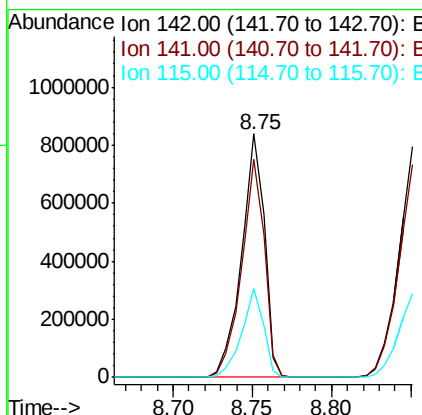
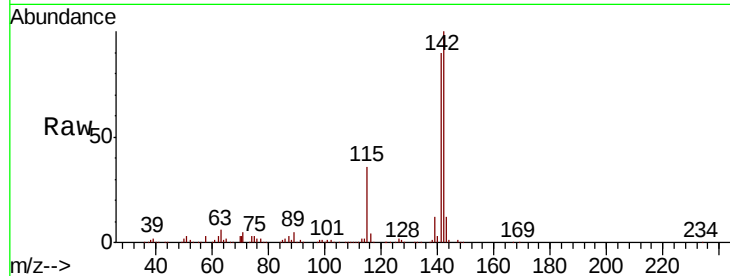
#37
 2-Methylnaphthalene
 Concen: 39.899 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB127020BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.4
115	36.3	28.6	42.8

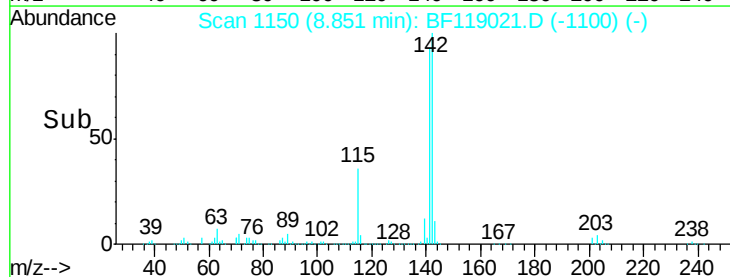
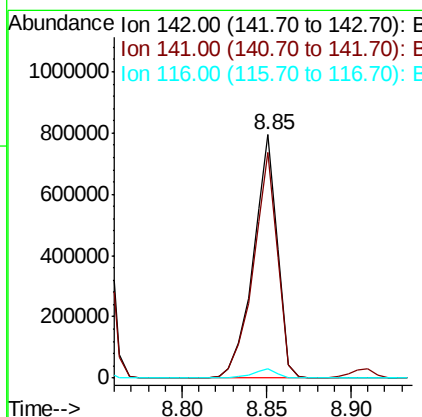
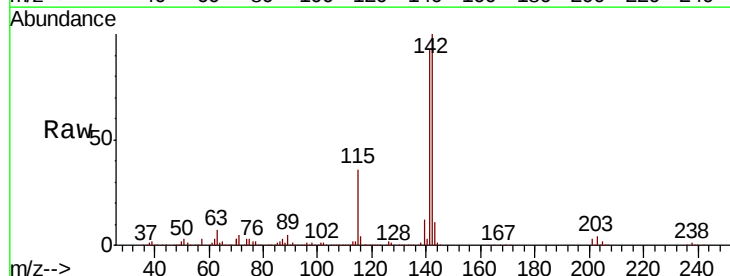
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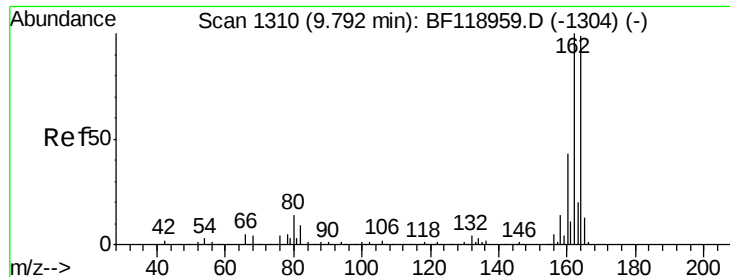
mohammad
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#38
 1-Methylnaphthalene
 Concen: 39.735 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.7	110.5
116	3.8	3.0	4.6





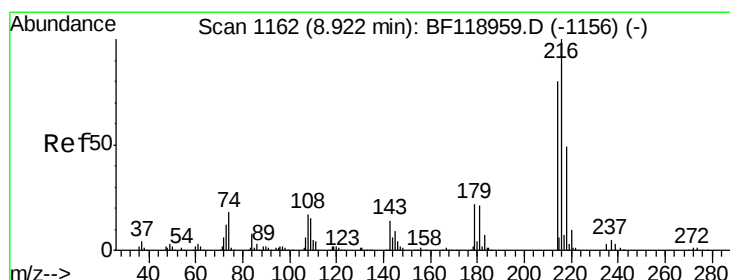
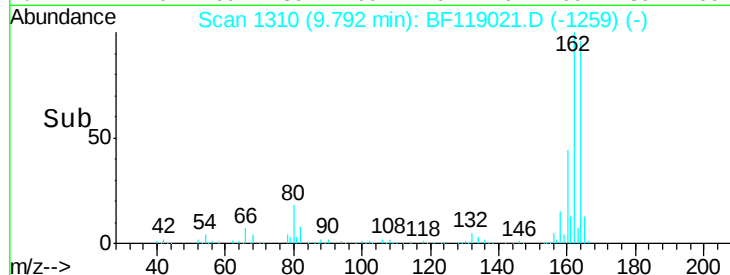
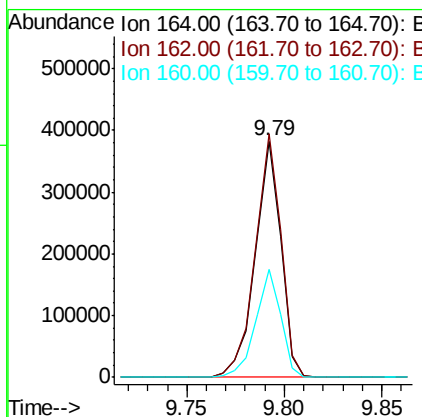
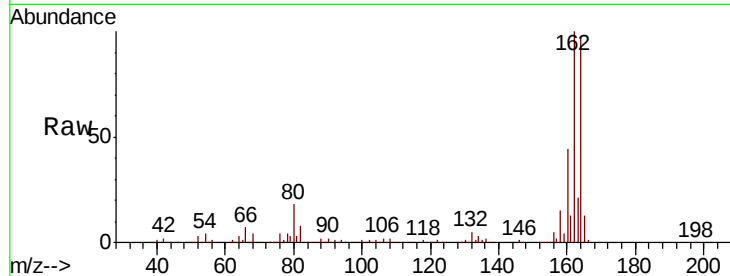
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.0	81.2	121.8	
160	45.6	35.2	52.8	

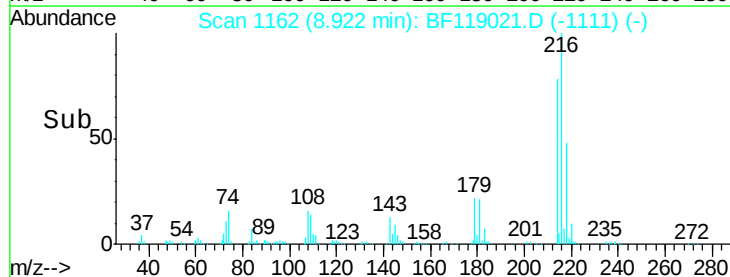
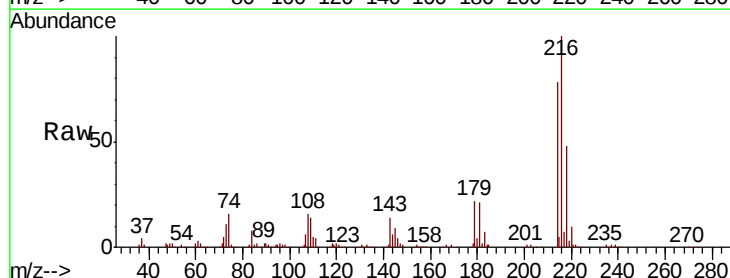
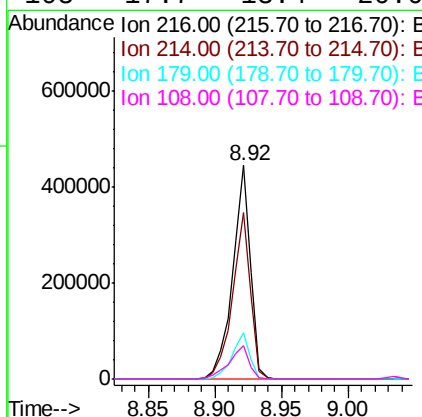
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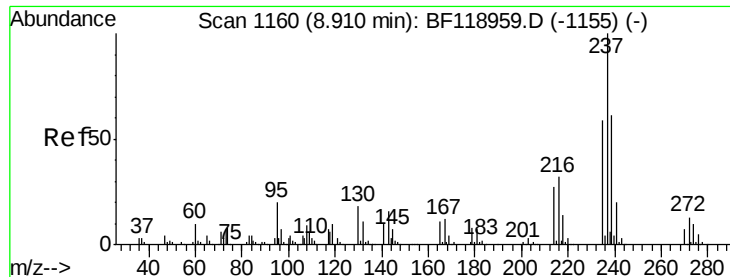
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.566 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.4	63.1	94.7	
179	21.3	17.2	25.8	
108	17.7	13.4	20.0	





#41

Hexachlorocyclopentadiene

Concen: 60.190 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Instrument :

BNA_F

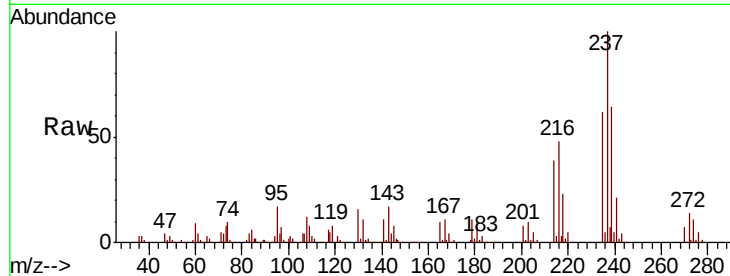
ClientSampleId :

PB127020BS

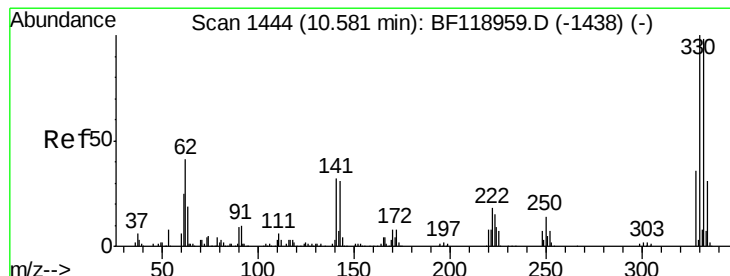
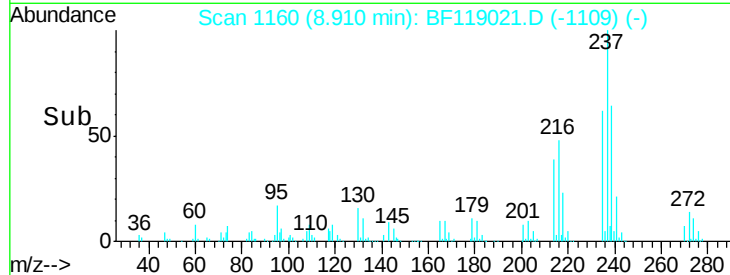
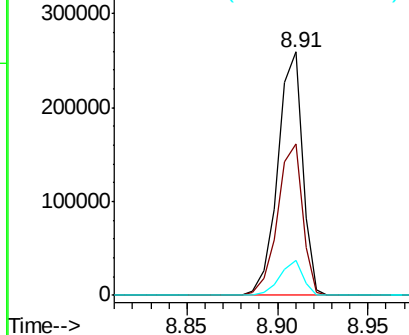
Tot Ion:	237	Resp:	246434
Ion Ratio	Lower	Upper	
237	100		
235	62.0	39.4	79.4
272	14.4	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 104.802 ng

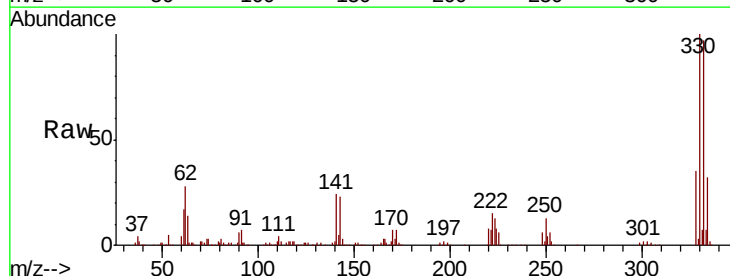
RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

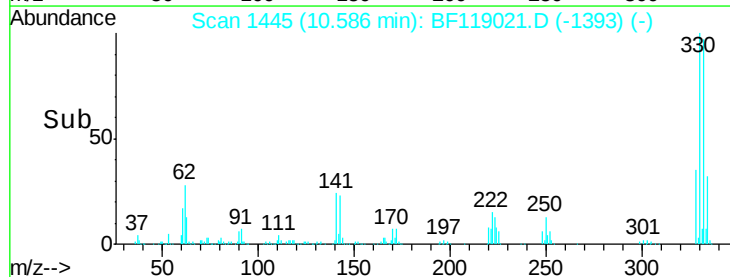
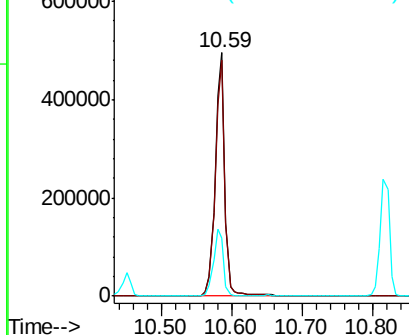
Lab File: BF119021.D

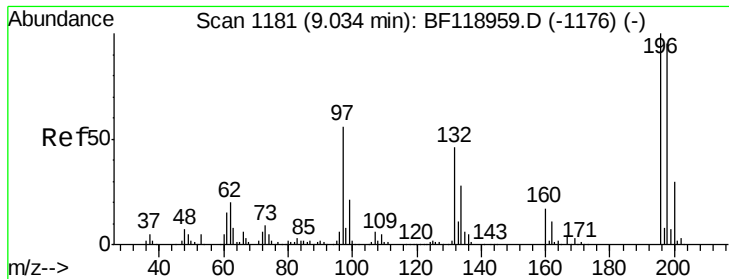
Acq: 24 Feb 2020 14:11

Tgt Ion:	330	Resp:	478322
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.1	115.7
141	28.6	23.0	34.6



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





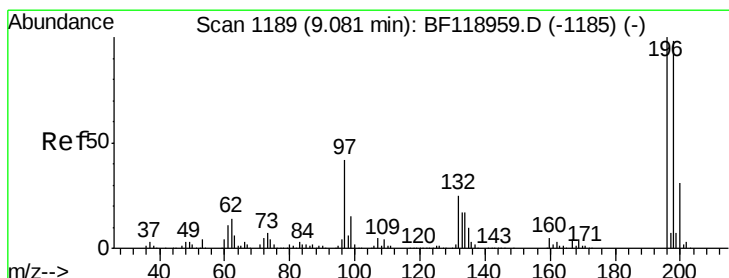
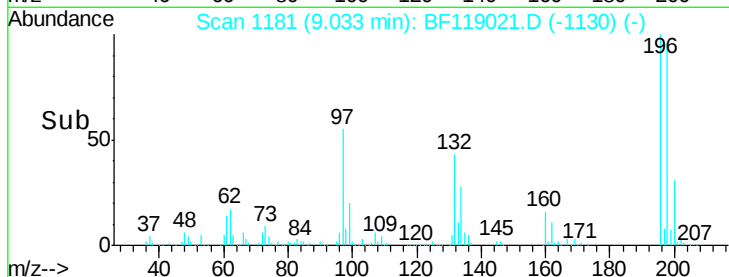
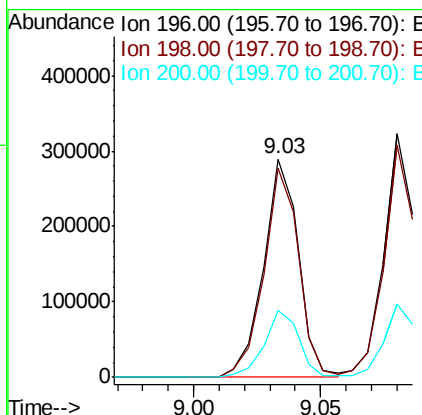
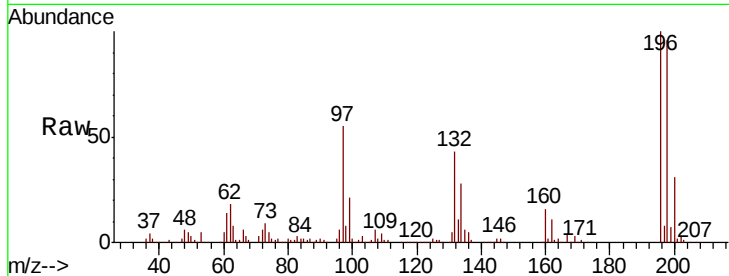
#43
 2,4,6-Trichlorophenol
 Concen: 37.397 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB127020BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	277800		
198	95.8	75.8	113.6	
200	30.6	24.1	36.1	

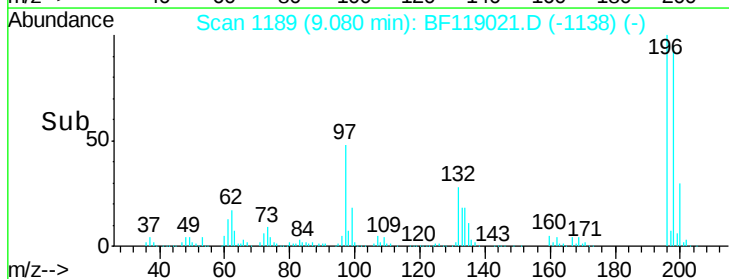
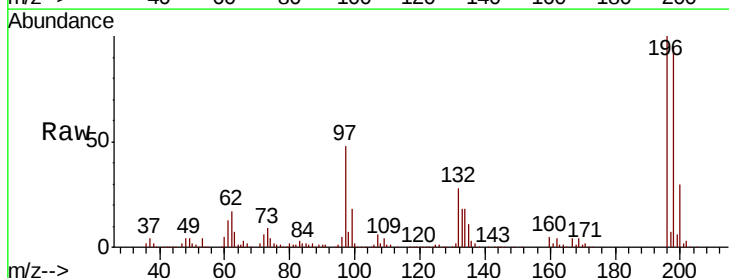
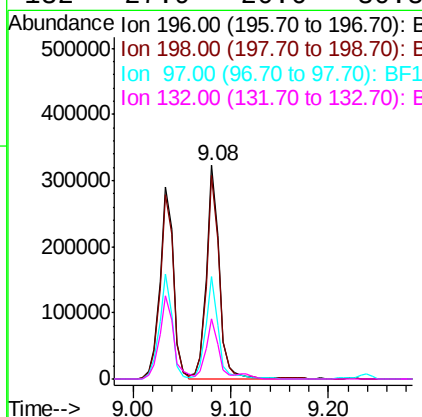
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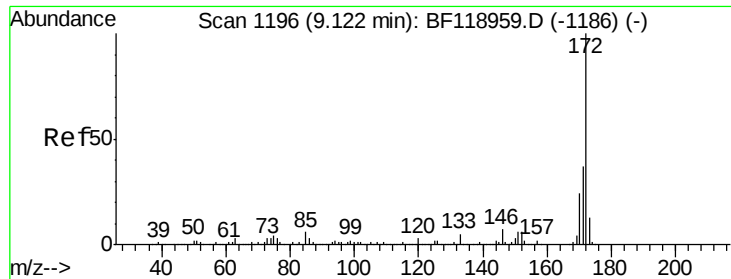
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.861 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	295128		
198	95.1	78.4	117.6	
97	47.7	33.4	50.0	
132	27.9	20.6	30.8	





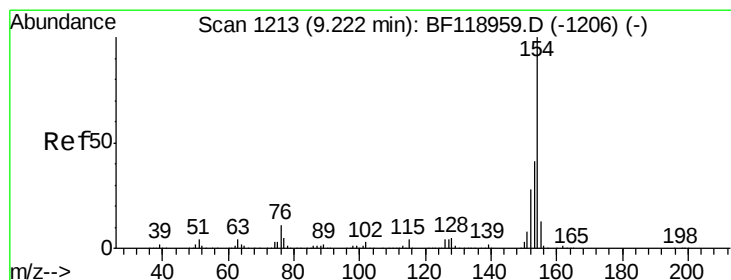
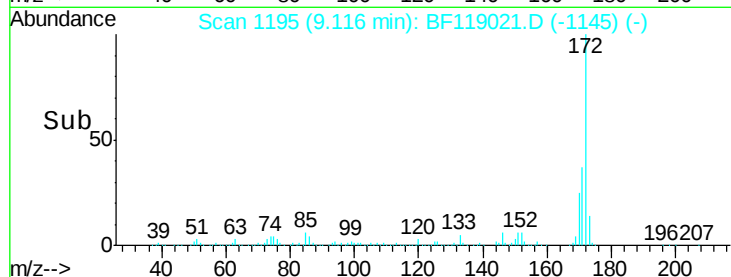
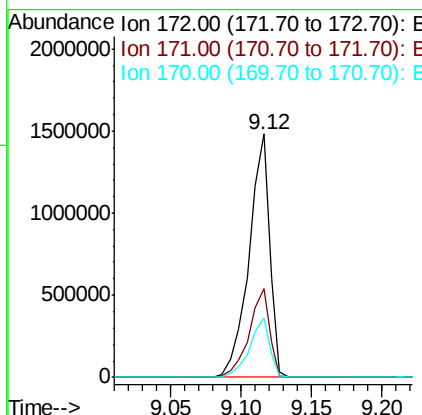
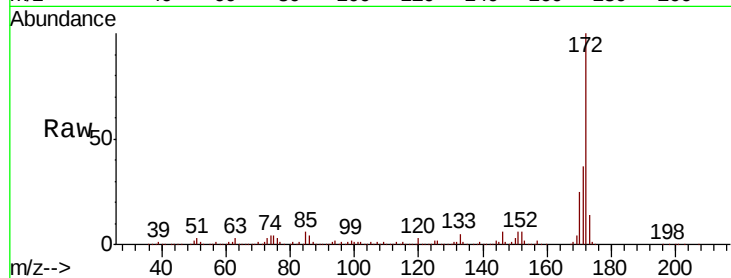
#45
 2-Fluorobiphenyl
 Concen: 64.295 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB127020BS

Tot Ion:172	Resp: 1522696
Ion Ratio	Lower Upper
172 100	
171 36.6	29.4 44.2
170 24.6	19.6 29.4

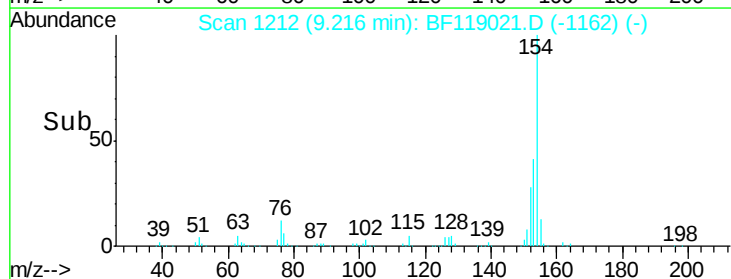
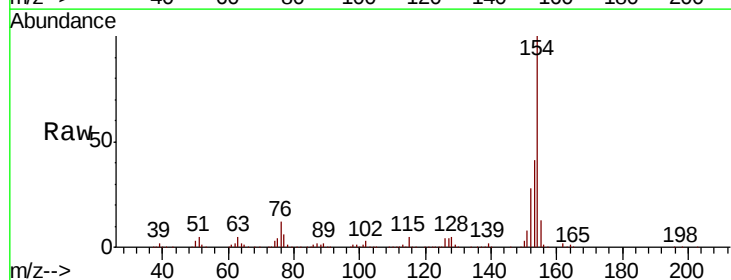
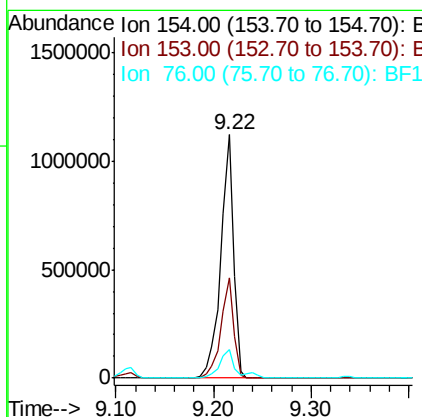
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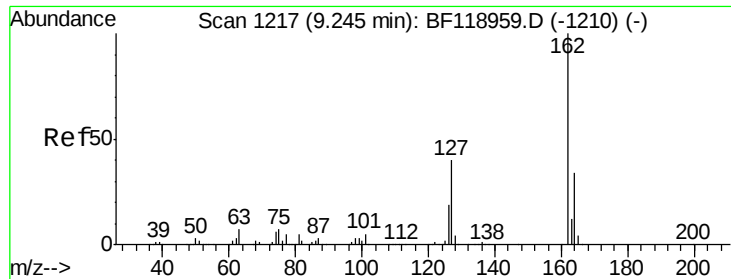
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#46
 1,1'-Biphenyl
 Concen: 36.325 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Tgt Ion	154	Resp: Lower	1024274 Upper
	Ratio		
154	100		
153	41.3	21.2	61.2
76	11.7	0.0	31.1





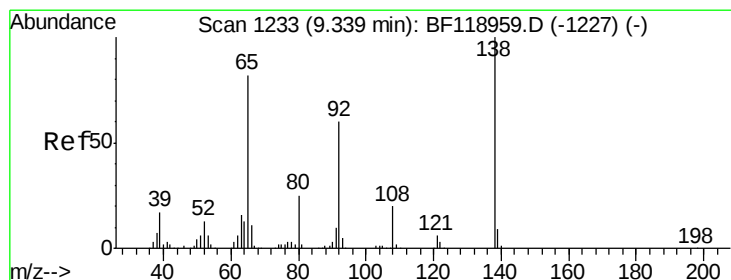
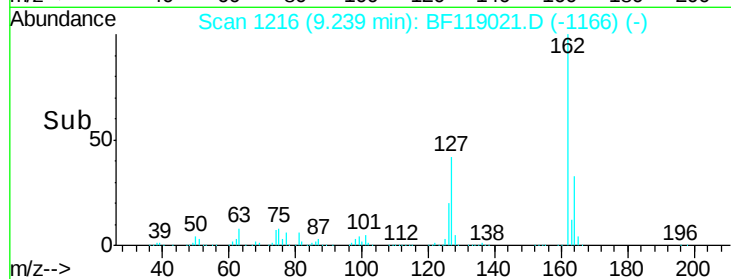
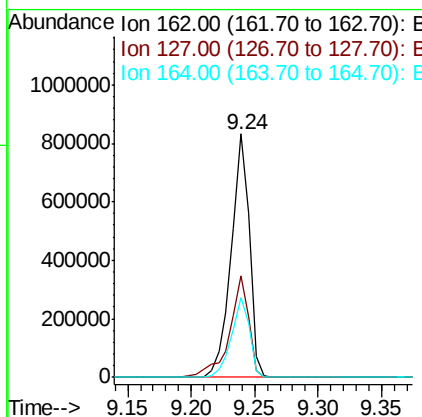
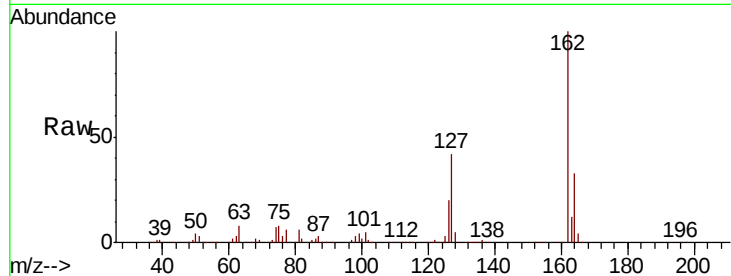
#47
 2-Chloronaphthalene
 Concen: 36.044 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Instrument :
 BNA_F
 ClientSampled :
 PB127020BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	819031		
127	41.6		31.9	47.9
164	32.7		26.8	40.2

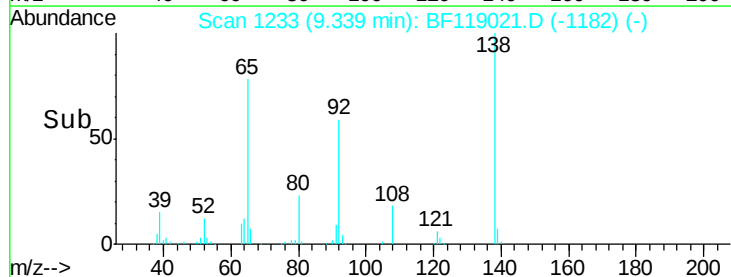
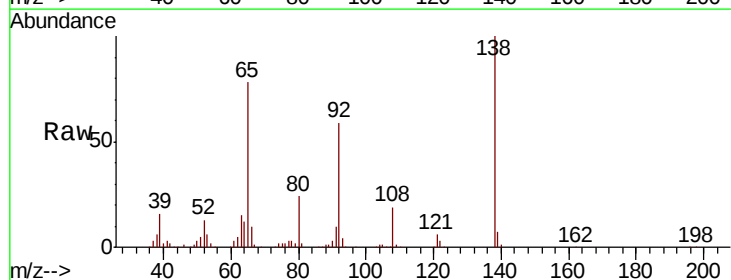
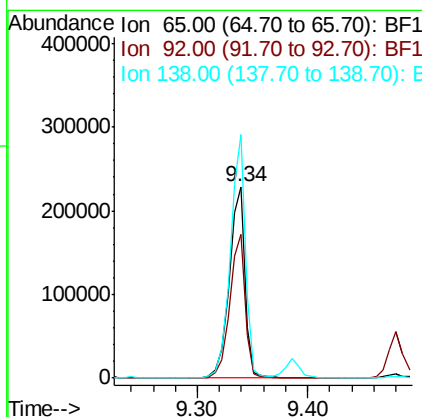
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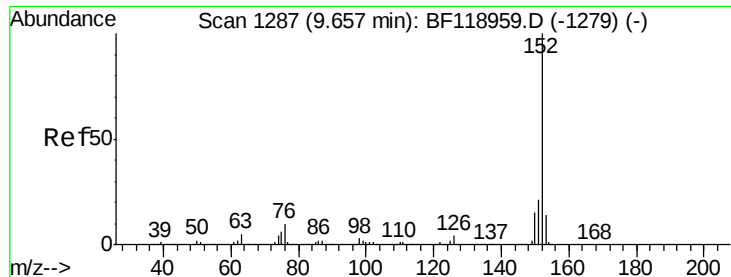
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#48
 2-Nitroaniline
 Concen: 36.241 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	229687		
92	75.3		58.6	87.8
138	127.4		97.5	146.3





#49

Acenaphthylene

Concen: 38.539 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Instrument :

BNA_F

ClientSampleId :

PB127020BS

Tot Ion:152 Resp: 1264803

Ion Ratio Lower Upper

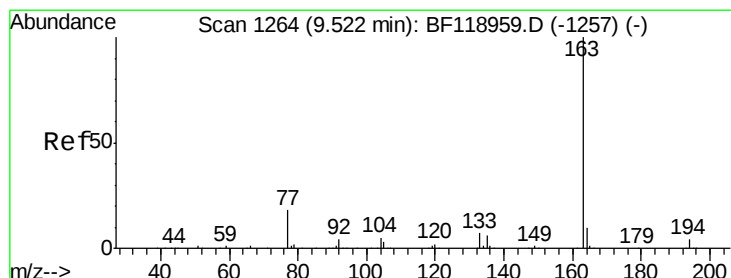
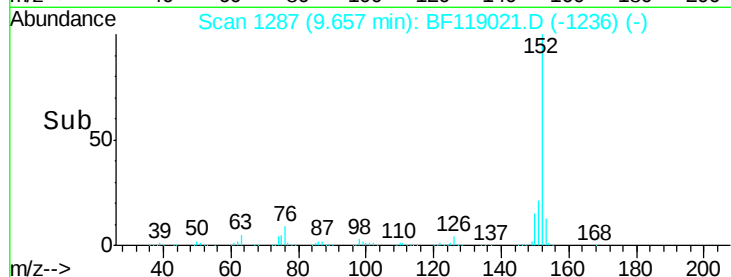
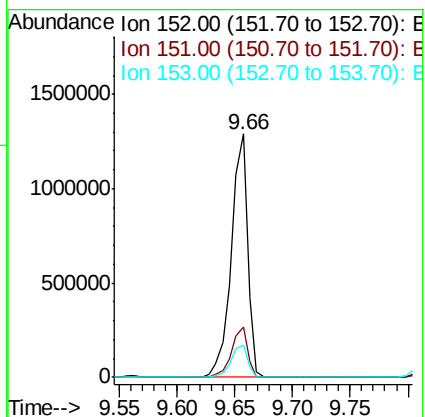
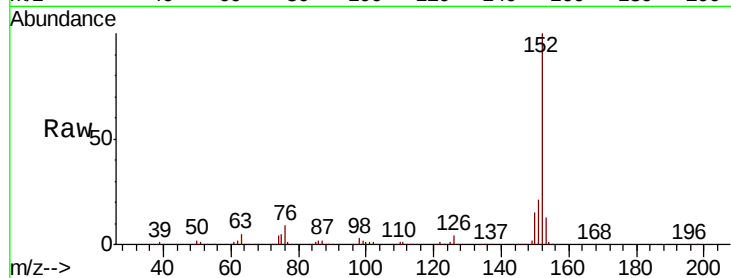
152 100

151 20.8 16.7 25.1

153 13.2 10.9 16.3

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#50

Dimethylphthalate

Concen: 37.647 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

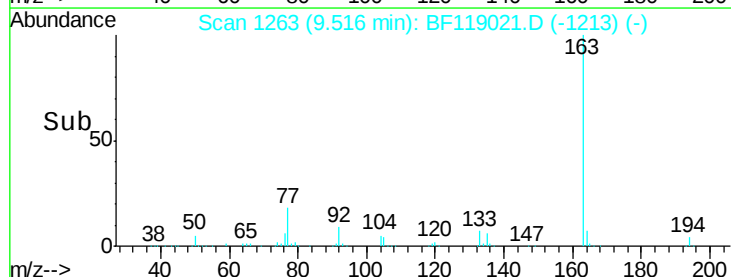
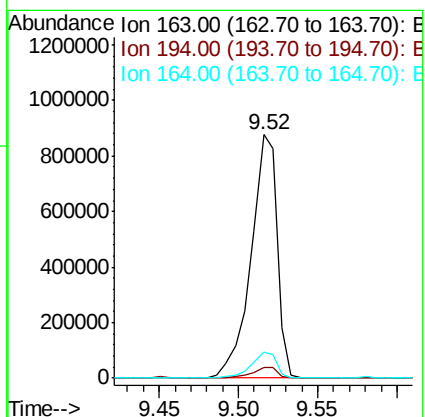
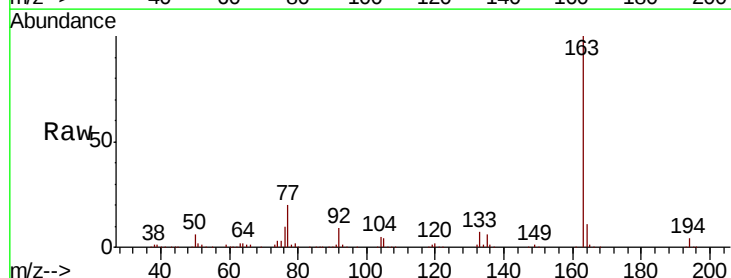
Tgt Ion:163 Resp: 1004373

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.6 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 38.620 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Instrument :

BNA_F

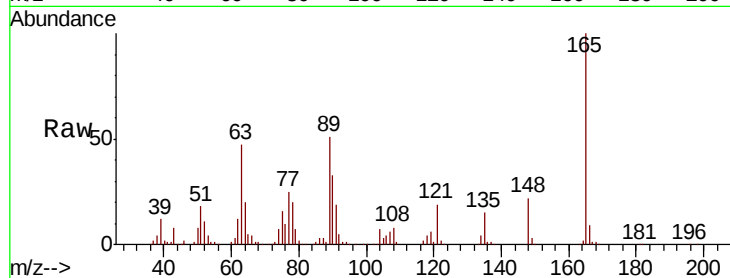
ClientSampleId :

PB127020BS

Tot Ion:	165	Resp:	228910
Ion Ratio		Lower	Upper
165	100		
63	46.9	37.9	56.9
89	50.7	41.4	62.0

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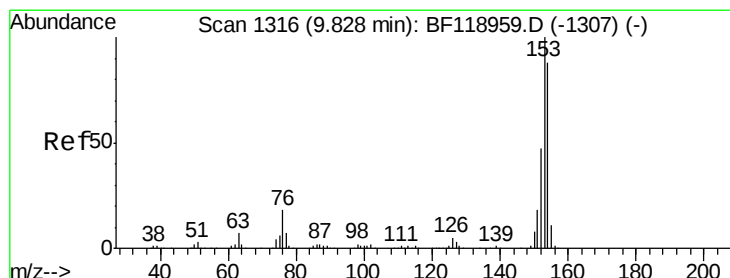
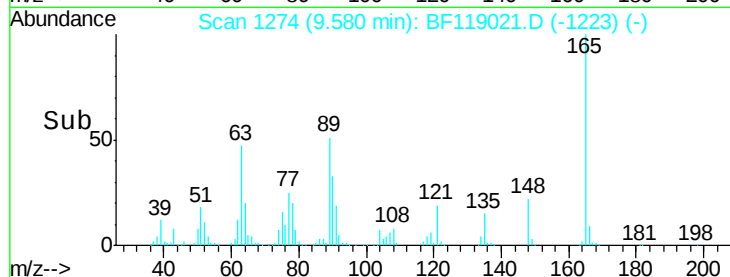
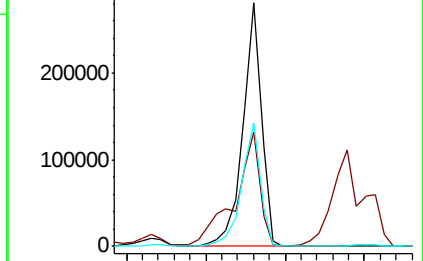
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.484 ng

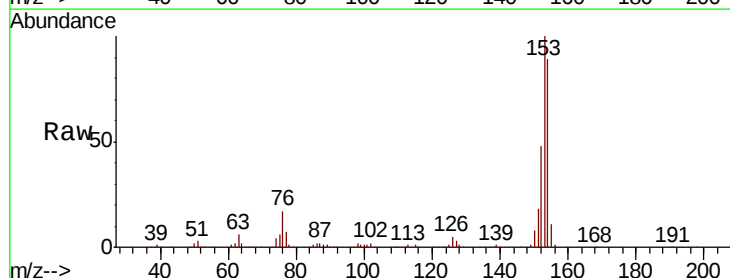
RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

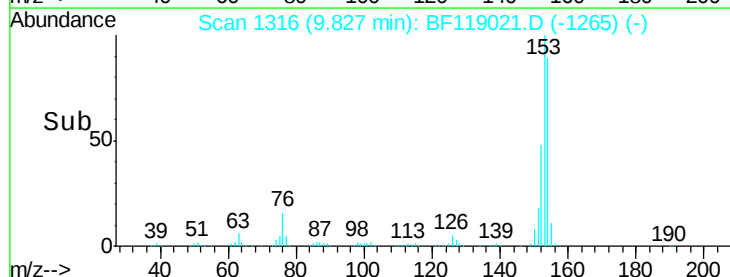
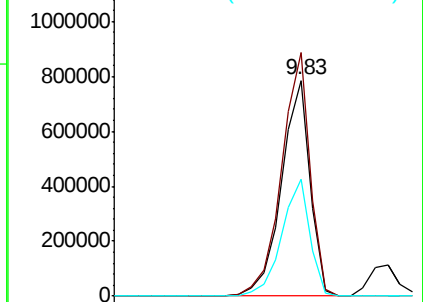
Tgt Ion:	154	Resp:	741765
Ion Ratio		Lower	Upper
154	100		
153	112.8	90.4	135.6
152	53.9	42.9	64.3

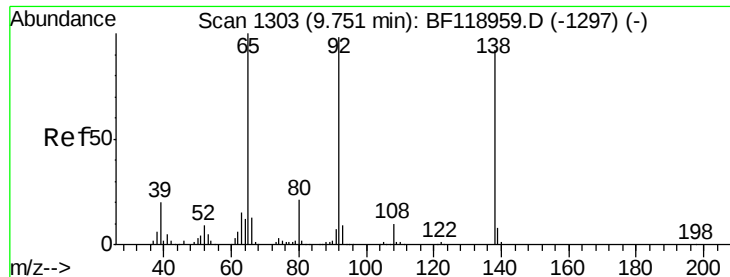


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





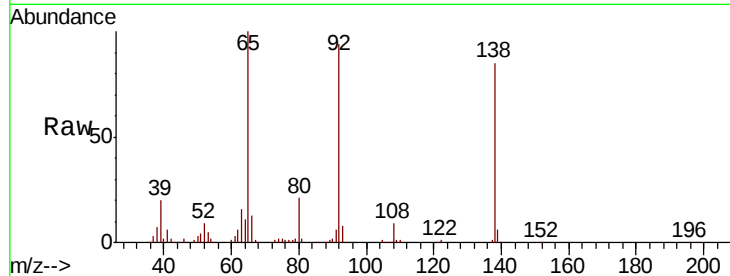
#53
3-Nitroaniline
Concen: 23.774 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.6	13.0
92	110.2	84.6	127.0

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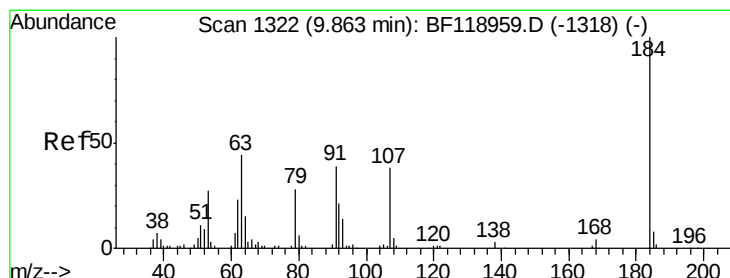
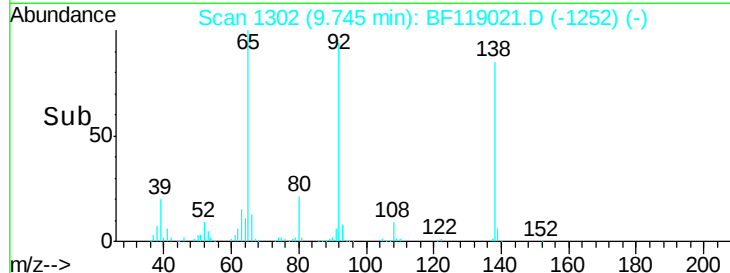
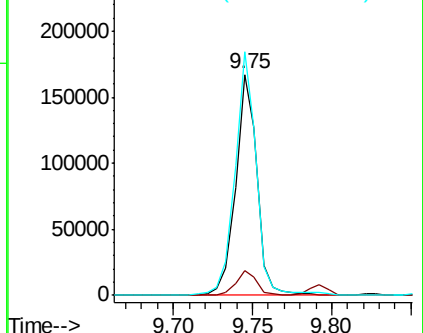


Abundance

Ion 138.00 (137.70 to 138.70): E

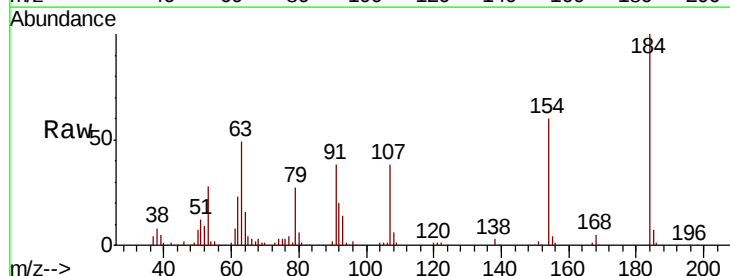
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 68.727 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.5	37.8	56.6
154	59.5	47.6	71.4

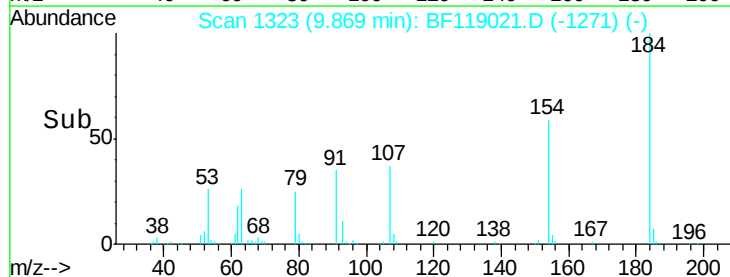
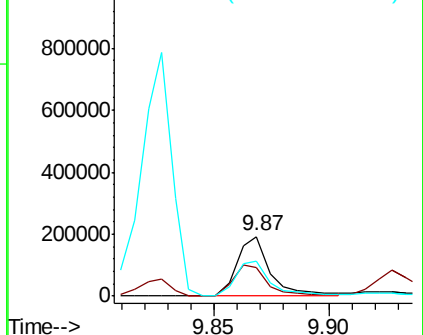


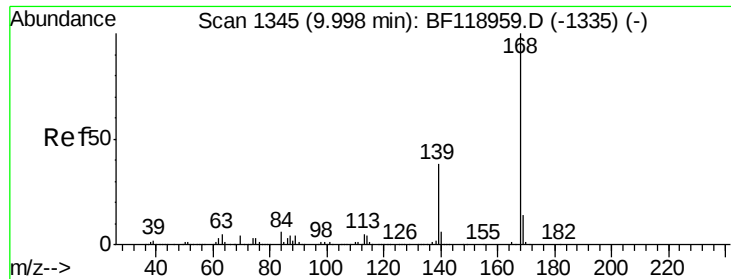
Abundance

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





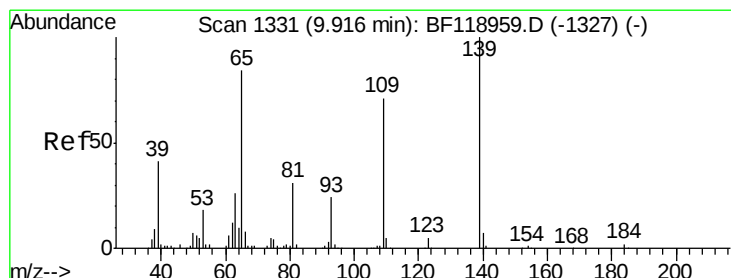
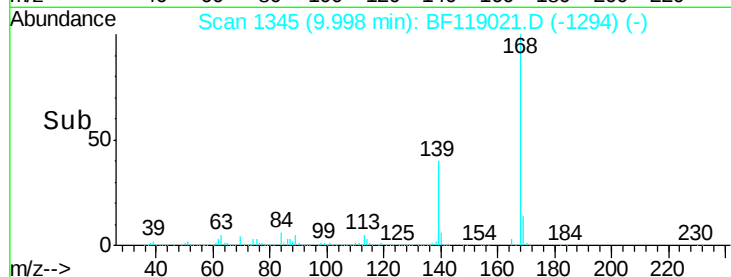
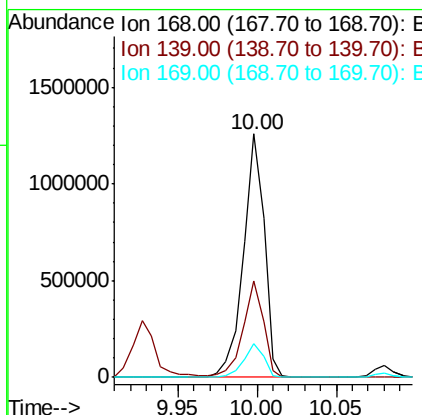
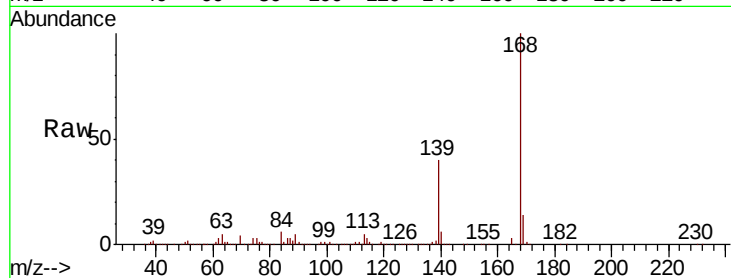
#55
Dibenzofuran
Concen: 38.725 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.7	47.5
169	13.7	11.0	16.4

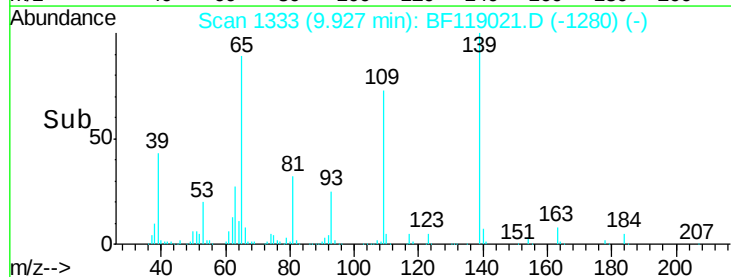
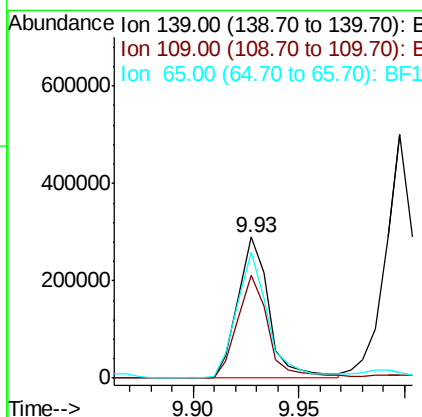
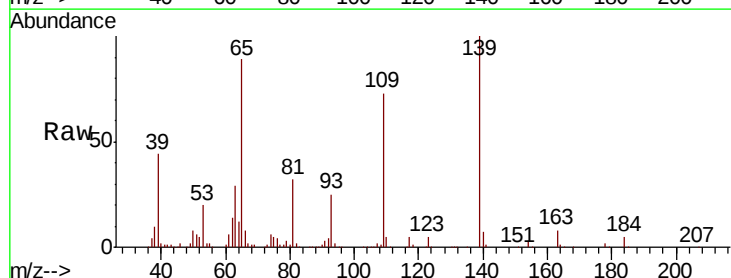
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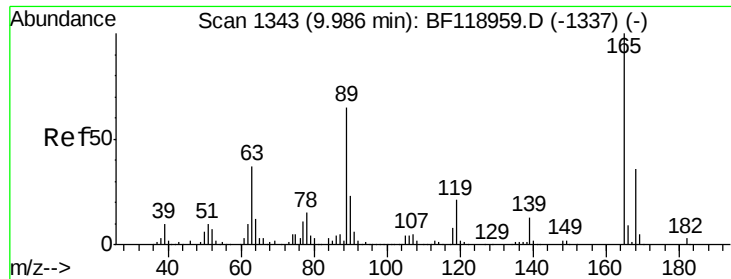
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#56
4-Nitrophenol
Concen: 75.749 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.0	51.1	91.1
65	89.2	64.7	104.7





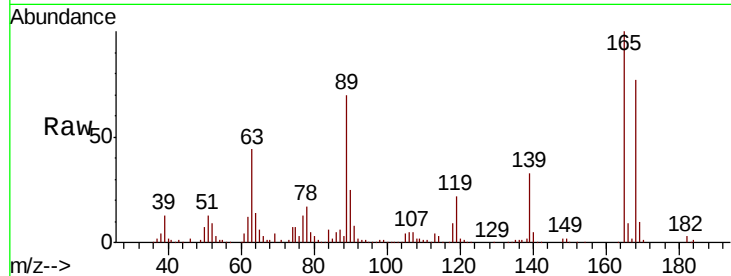
#57
2,4-Dinitrotoluene
Concen: 39.070 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

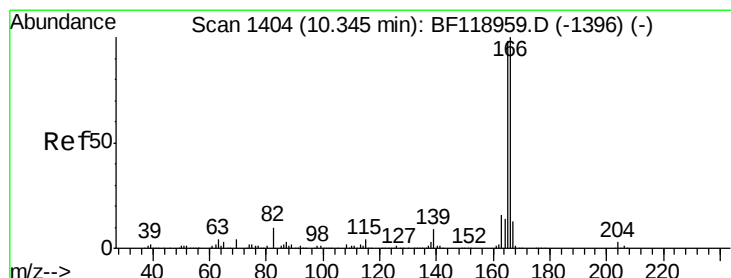
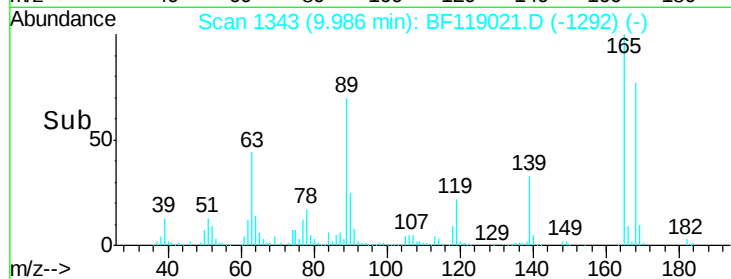
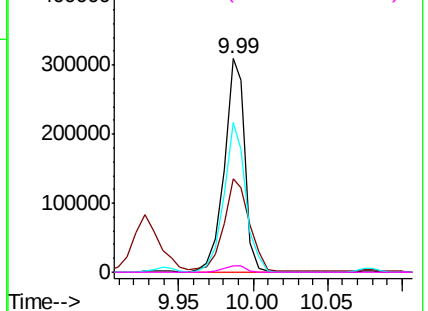
Tot Ion	Ratio	Resp	Lower	Upper
165	100	300171		
63	43.9		29.8	44.8
89	70.3		51.9	77.9
182	2.9		2.3	3.5

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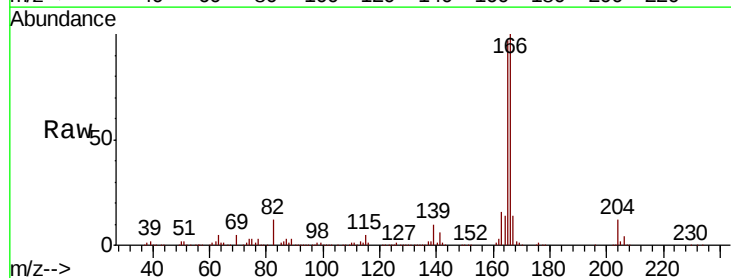


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

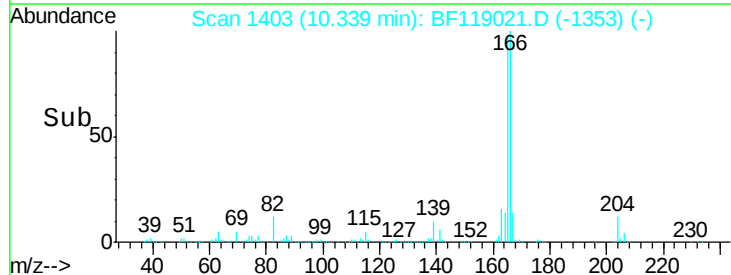
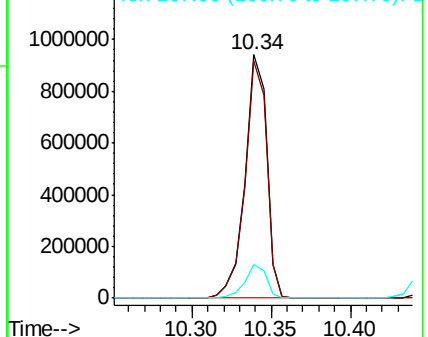


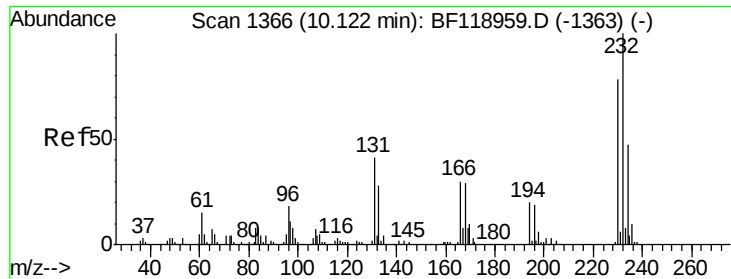
#58
Fluorene
Concen: 38.805 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	890659		
165	97.4		78.2	117.4
167	13.8		10.6	16.0



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





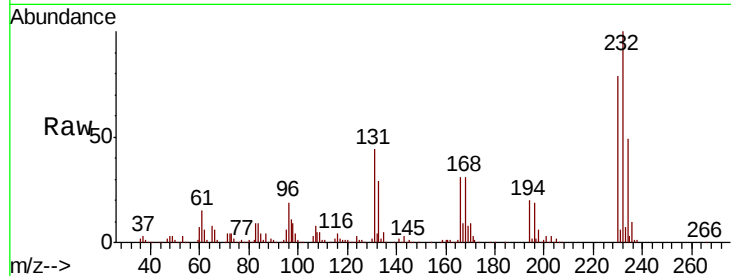
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.334 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		245562		
131	41.3	34.0	51.0		
130	2.1	1.6	2.4		
166	29.1	23.6	35.4		

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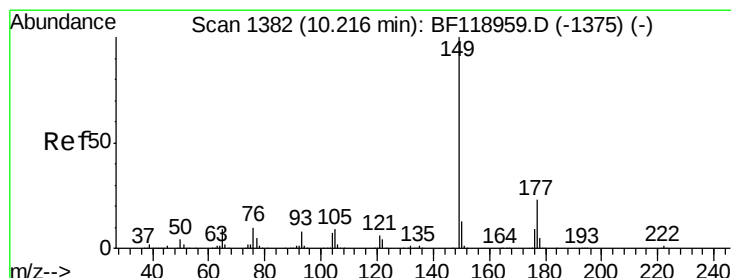
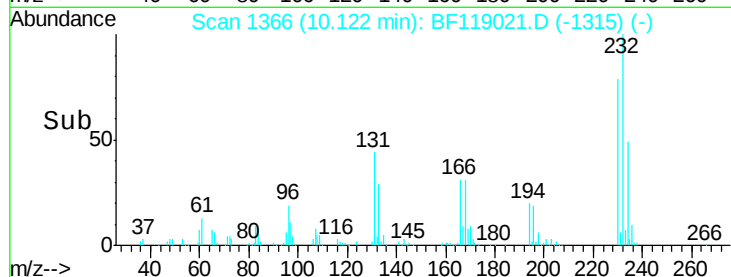
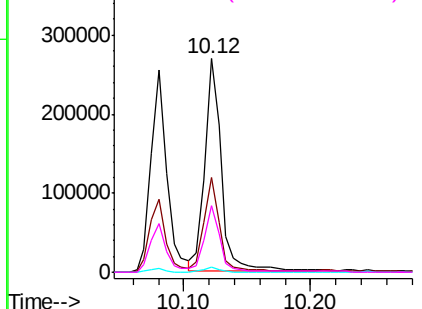
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

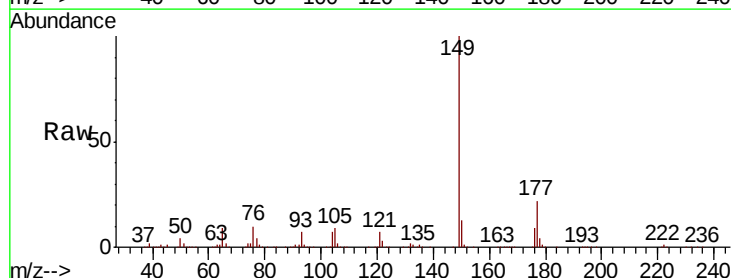
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.946 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		979166		
177	22.4	18.1	27.1		
150	13.0	10.4	15.6		

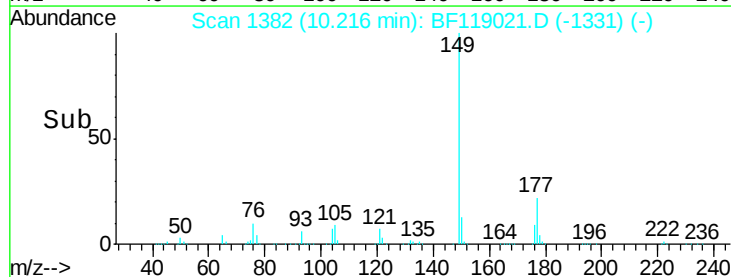
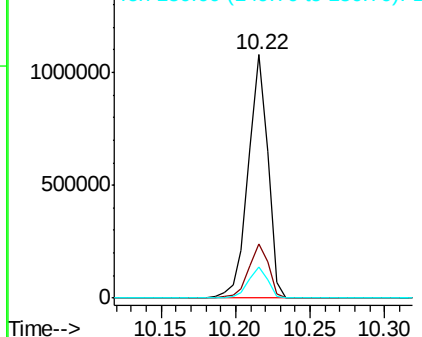


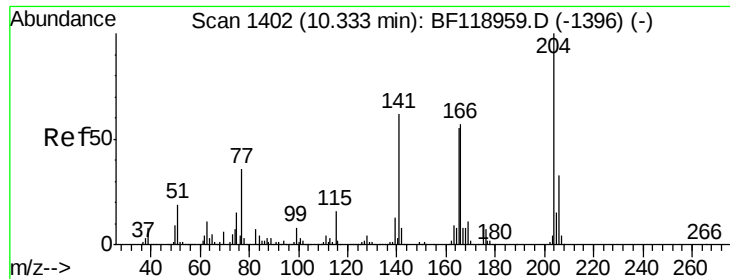
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





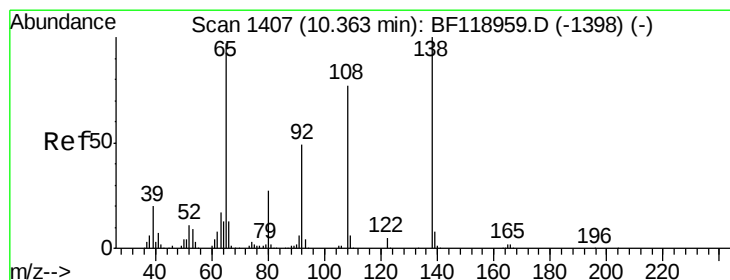
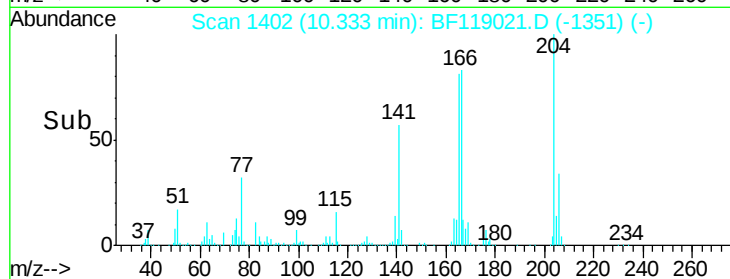
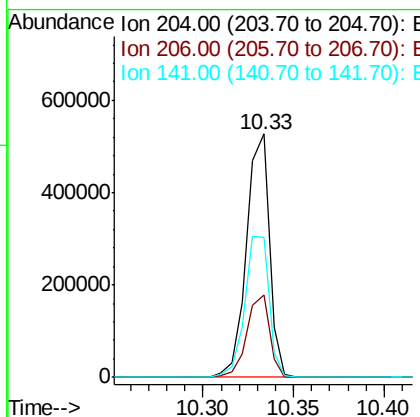
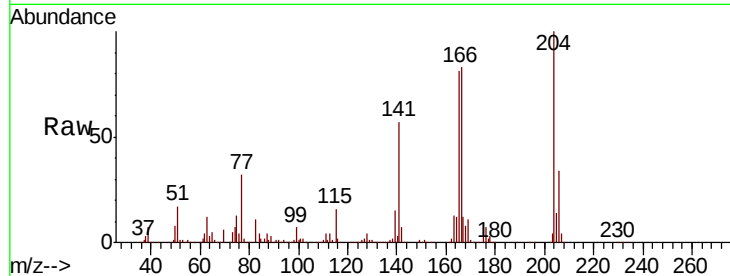
#61
 4-Chlorophenyl-phenylether
 Concen: 38.227 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB127020BS

Tot Ion:	204	Resp:	464411
Ion Ratio	Lower	Upper	
204	100		
206	34.0	26.5	39.7
141	57.5	49.5	74.3

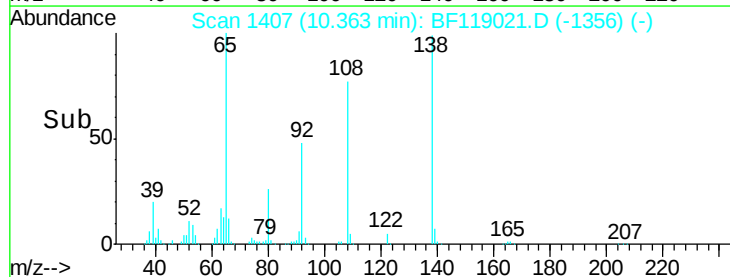
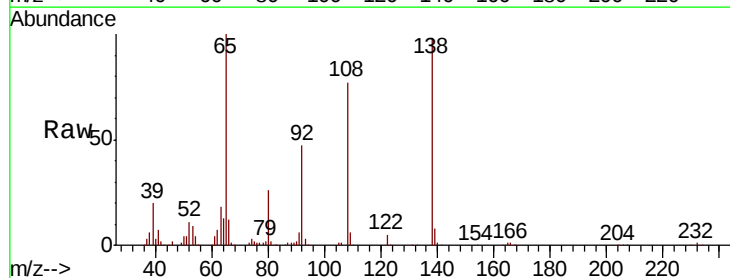
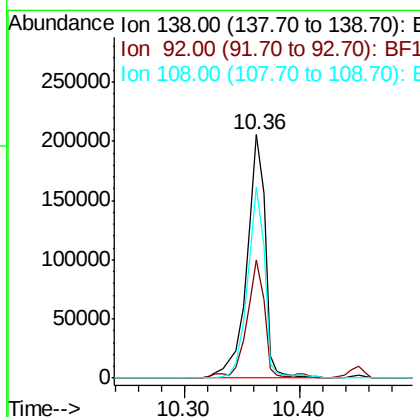
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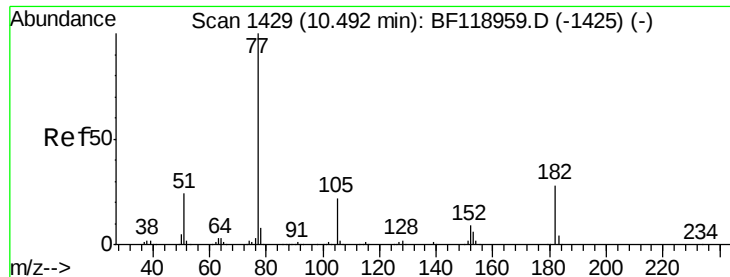
mohammad
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#62
 4-Nitroaniline
 Concen: 33.638 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Tgt Ion:	138	Resp:	226146
Ion Ratio	Lower	Upper	
138	100		
92	48.5	28.7	68.7
108	78.5	56.8	96.8





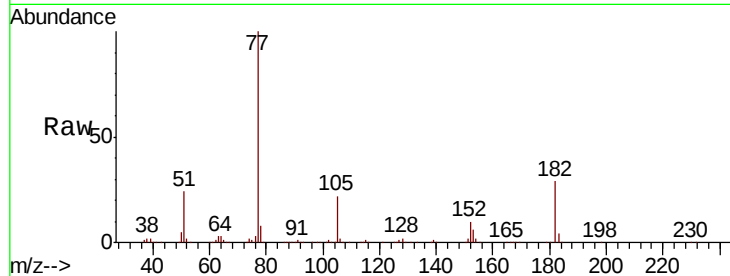
#63
Azobenzene
Concen: 39.408 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

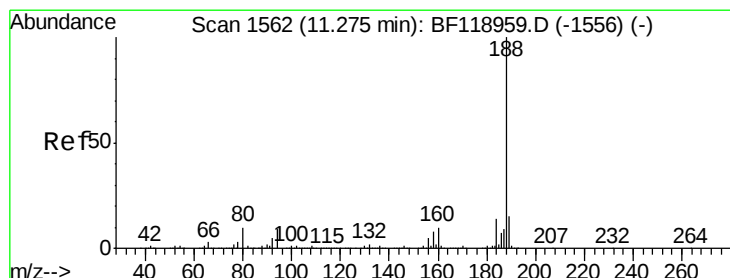
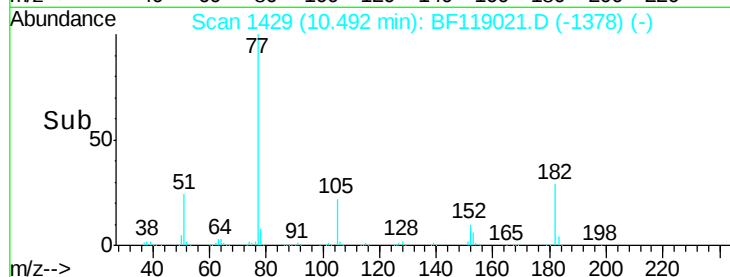
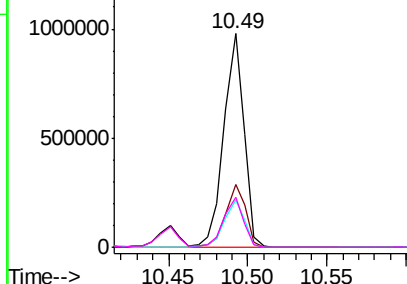
Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	8.2	48.2
105	22.4	2.3	42.3
51	23.6	3.6	43.6

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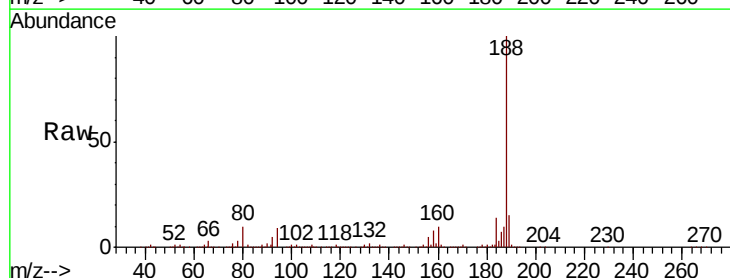


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

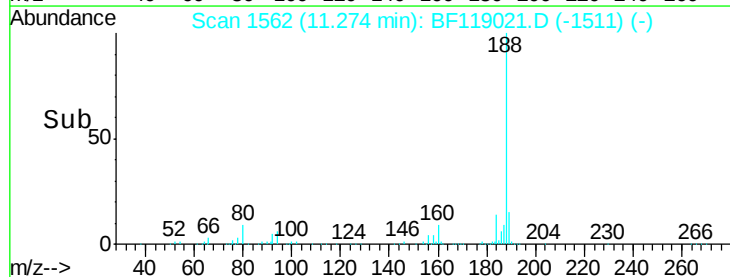
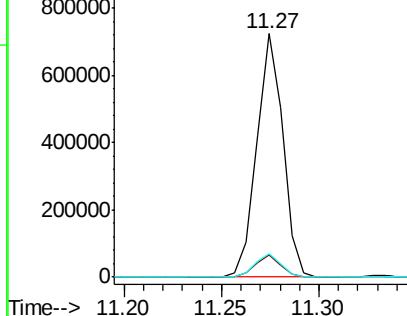


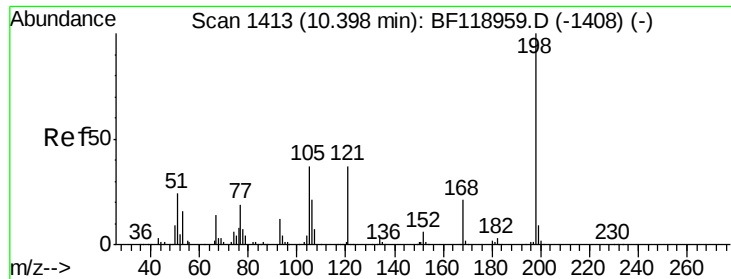
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.7	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





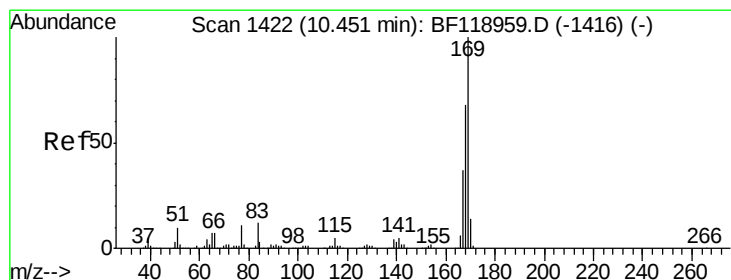
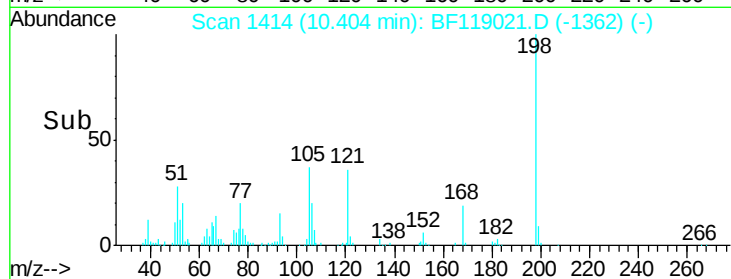
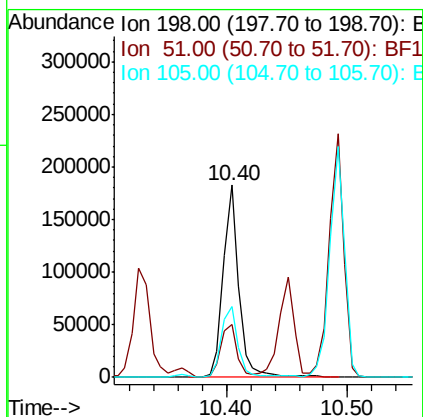
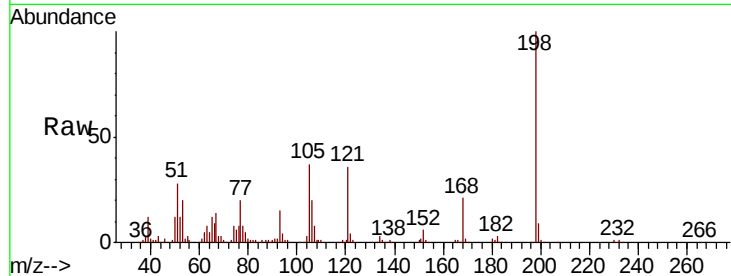
#65
4,6-Dinitro-2-methylphenol
Concen: 40.393 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	164381		
51	27.6		7.1	47.1
105	37.1		18.3	58.3

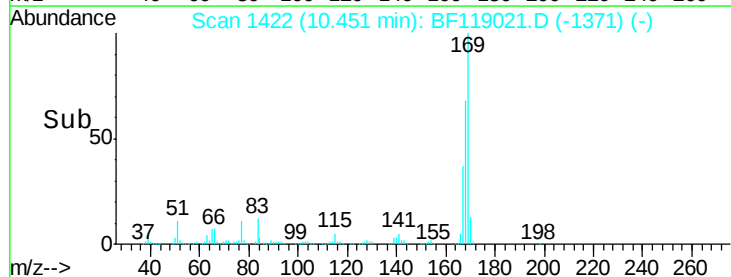
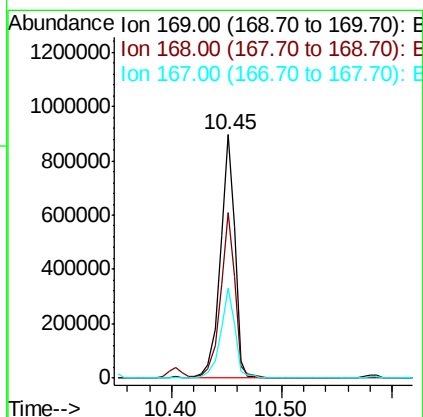
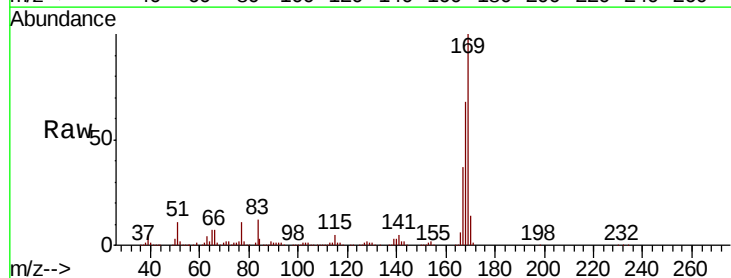
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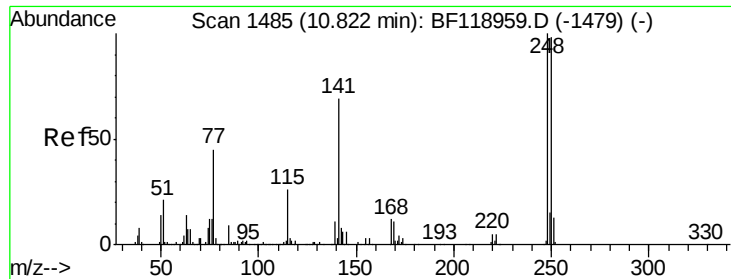
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#66
n-Nitrosodiphenylamine
Concen: 36.902 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	812630		
168	68.0		54.2	81.2
167	37.2		29.4	44.2





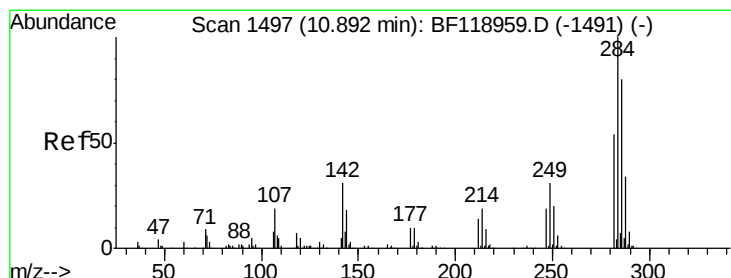
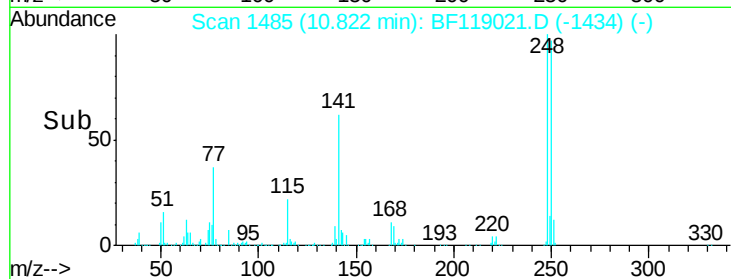
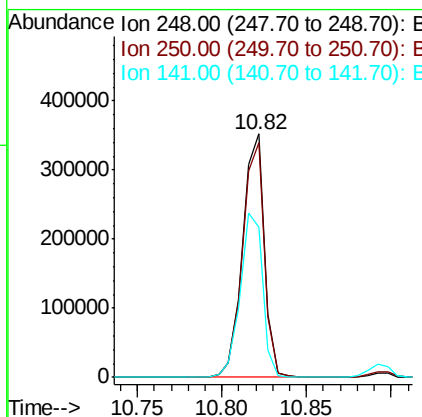
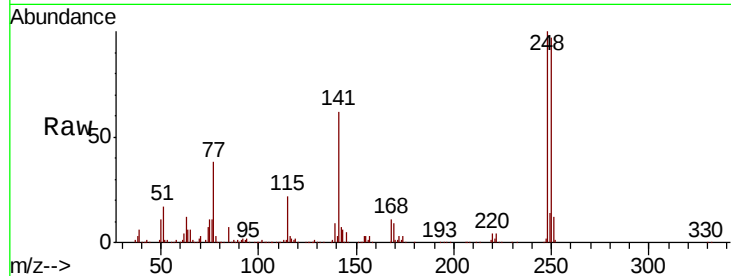
#67
4-Bromophenyl-phenylether
Concen: 36.166 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.8	118.2
141	61.8	55.3	82.9

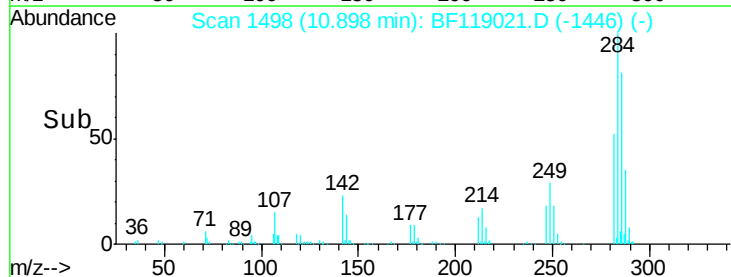
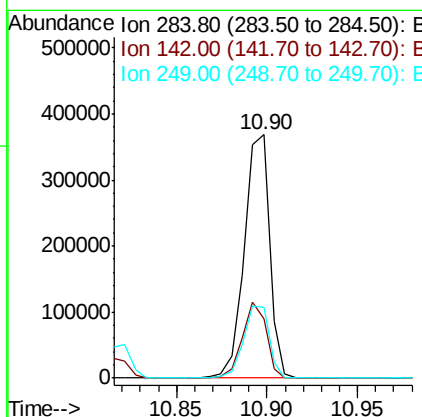
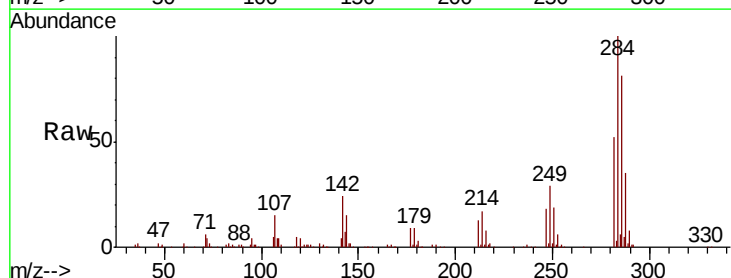
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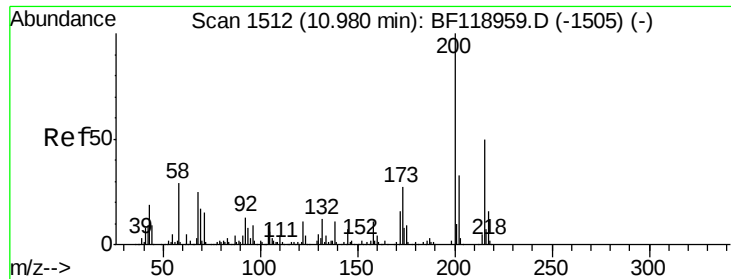
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#68
Hexachlorobenzene
Concen: 35.277 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.4	25.0	37.6#
249	29.2	25.0	37.4





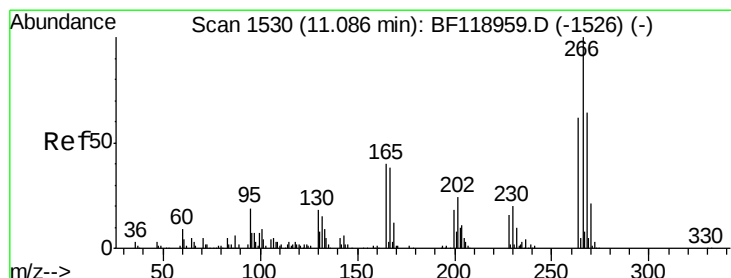
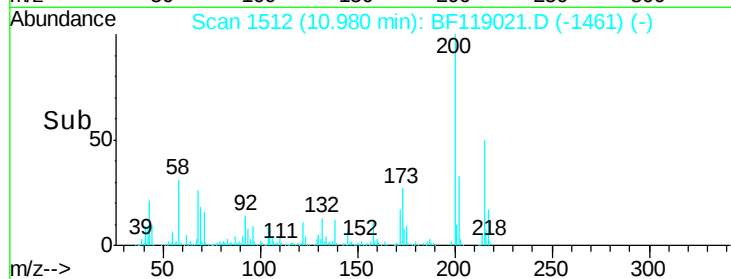
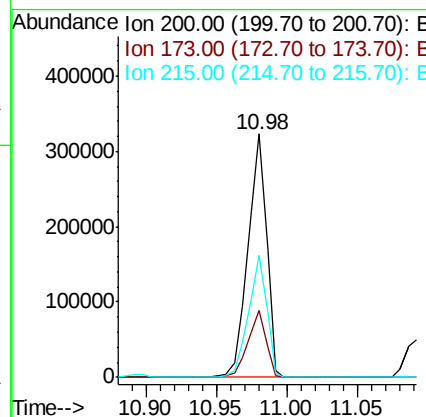
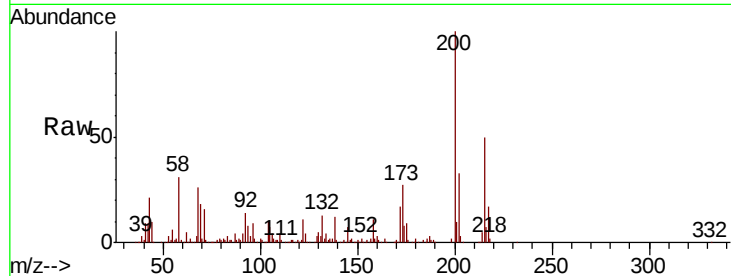
#69
Atrazine
Concen: 38.718 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	297891		
173	27.4	6.9	46.9	
215	50.3	29.7	69.7	

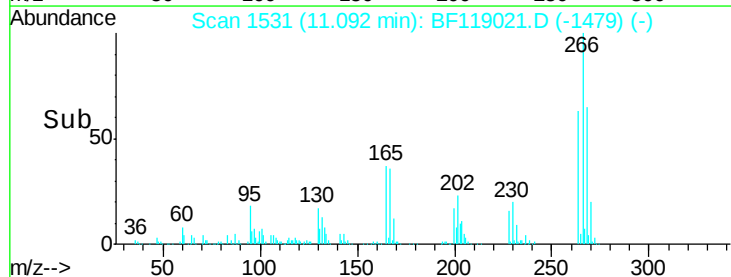
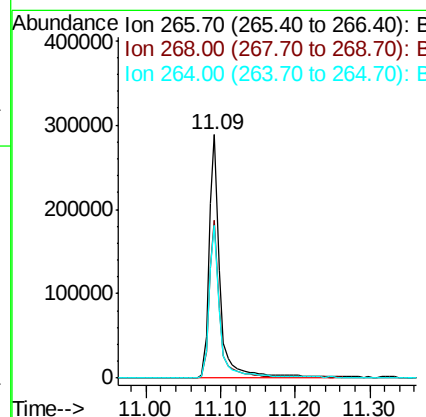
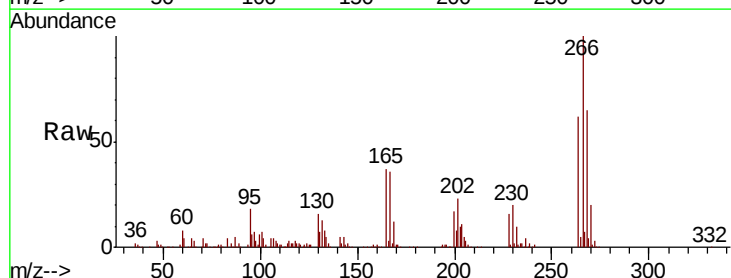
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#70
Pentachlorophenol
Concen: 74.028 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	302238		
268	64.6	51.4	77.0	
264	62.5	49.5	74.3	





#71

Phenanthrene

Concen: 36.845 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Instrument :

BNA_F

ClientSampleId :

PB127020BS

Tot Ion:178 Resp: 1351350

Ion Ratio Lower Upper

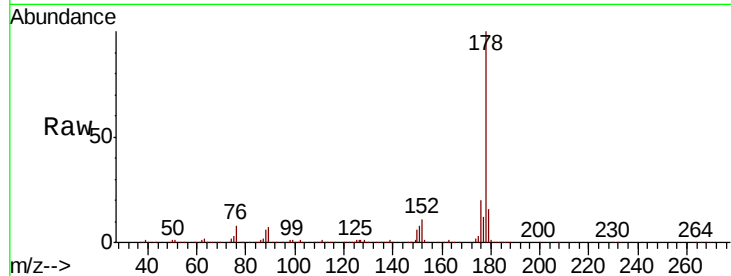
178 100

176 19.6 15.6 23.4

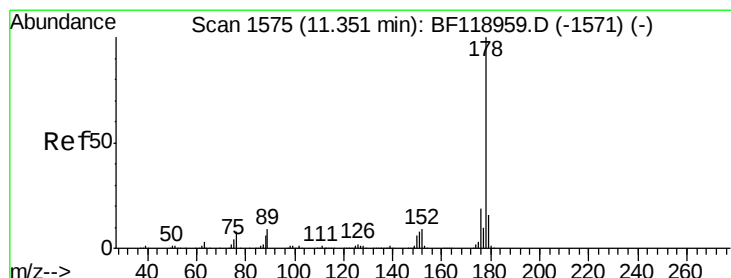
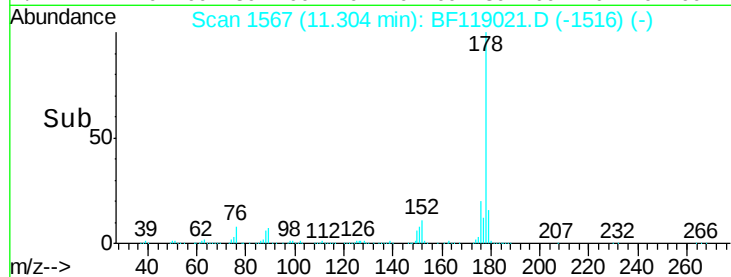
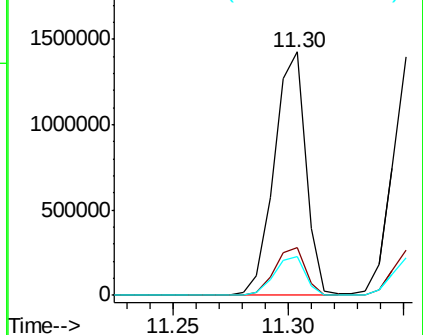
179 15.7 12.6 18.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.200 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

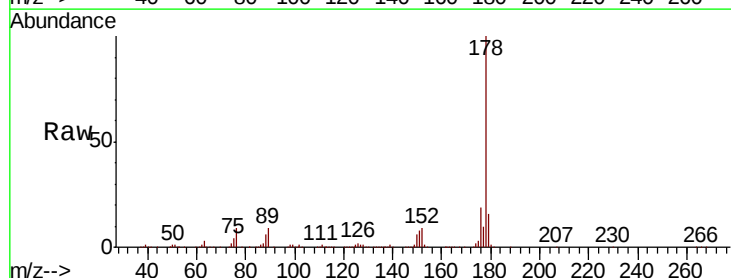
Tgt Ion:178 Resp: 1399859

Ion Ratio Lower Upper

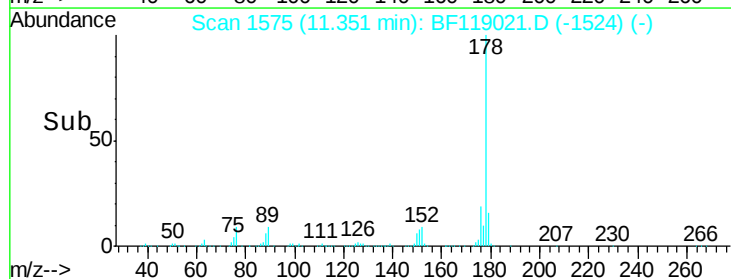
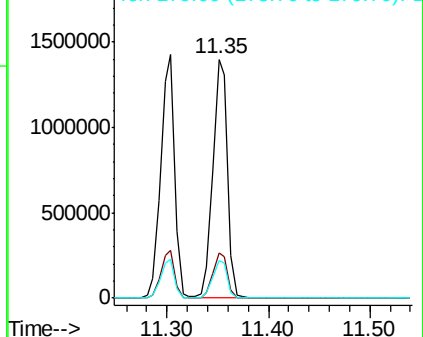
178 100

176 19.1 15.4 23.2

179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





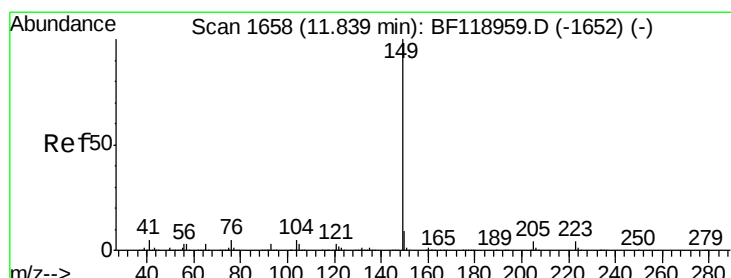
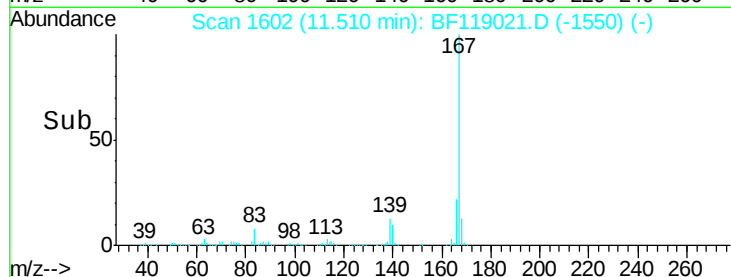
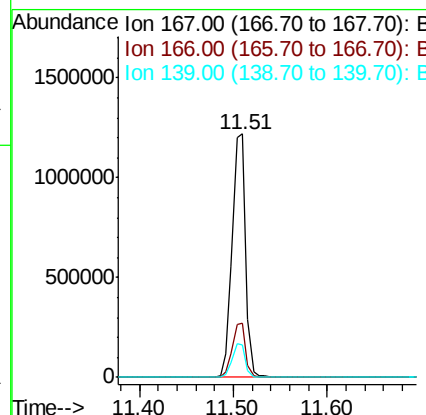
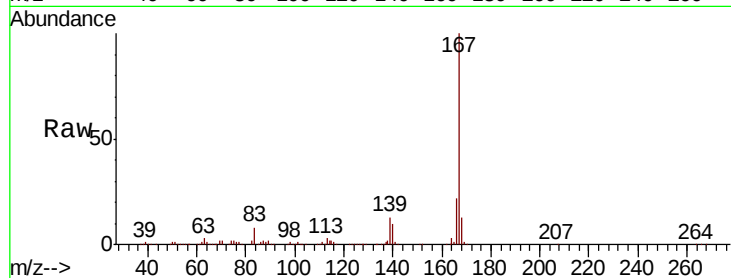
#73
 Carbazole
 Concen: 37.544 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB127020BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	13.3	11.2	16.8

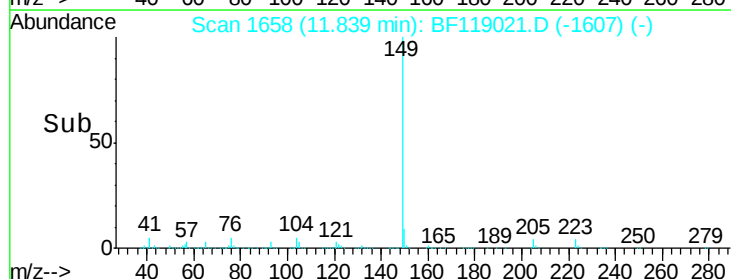
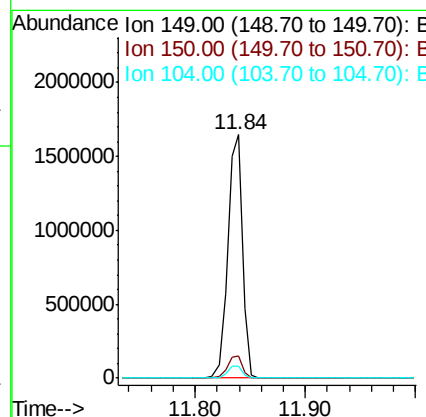
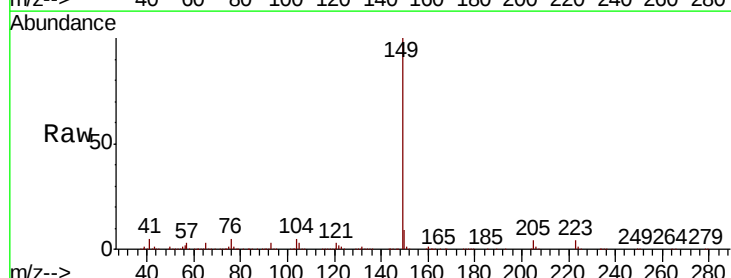
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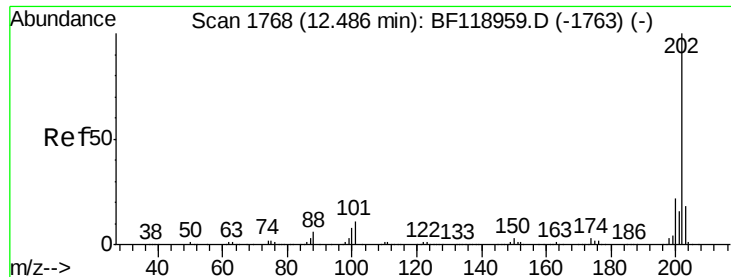
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#74
 Di-n-butylphthalate
 Concen: 38.563 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	4.9	4.0	6.0





#75

Fluoranthene

Concen: 37.316 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Instrument :

BNA_F

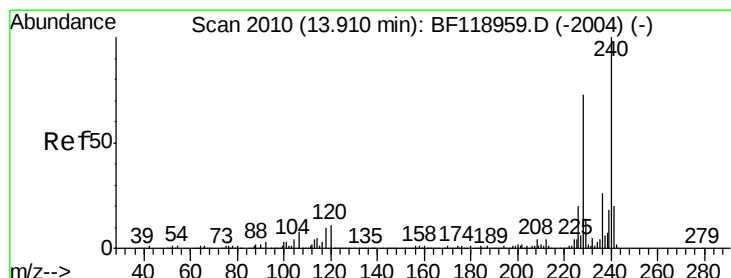
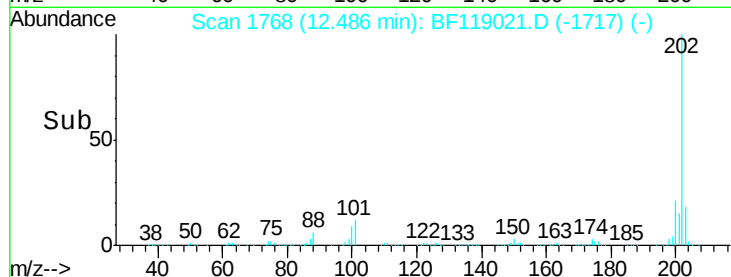
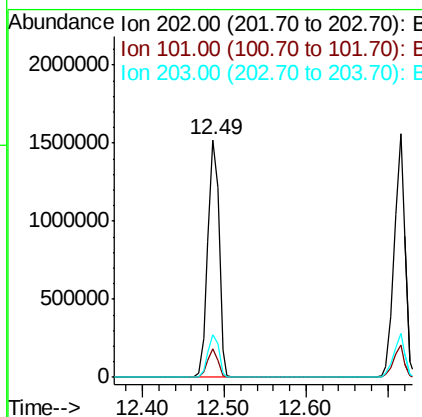
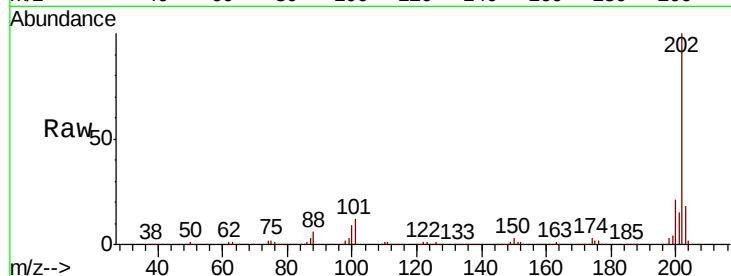
ClientSampleId :

PB127020BS

Tot Ion:	202	Resp:	1452756
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.1
203	18.2	0.0	38.1

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#76

Chrysene-d12

Concen: 20.000 ng

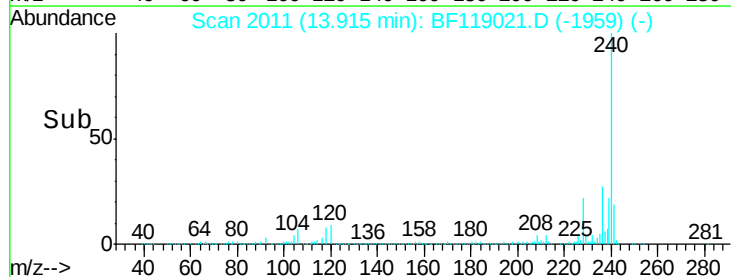
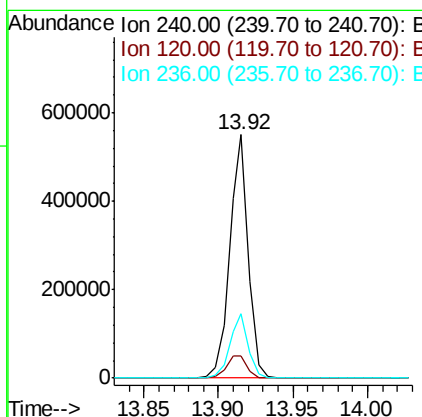
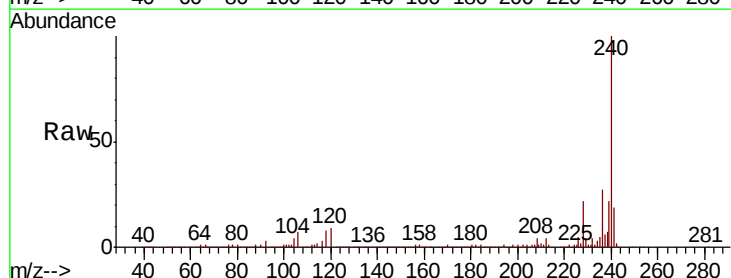
RT: 13.92 min Scan# 2011

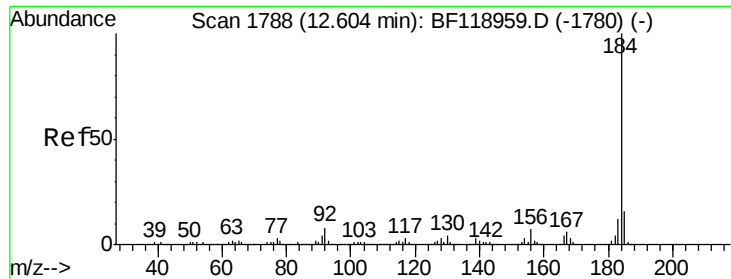
Delta R.T. 0.01 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Tgt Ion:	240	Resp:	479427
Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.9	13.3
236	26.5	20.6	30.8





#77

Benzidine

Concen: 19.648 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Instrument :

BNA_F

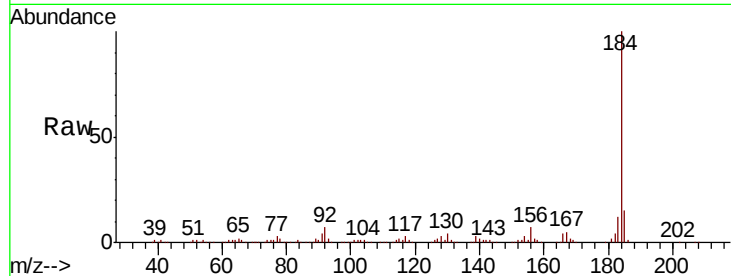
ClientSampleId :

PB127020BS

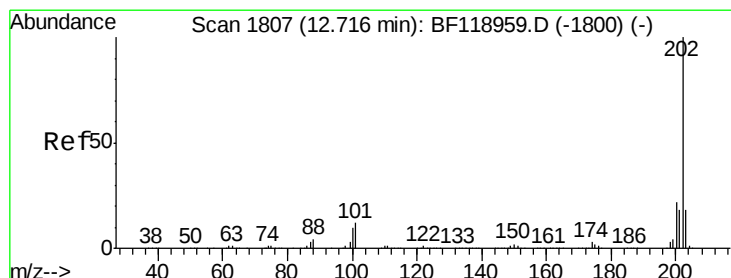
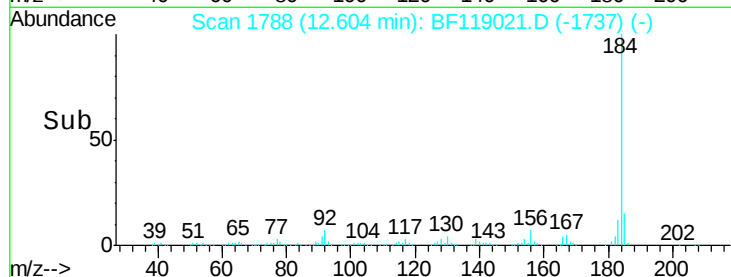
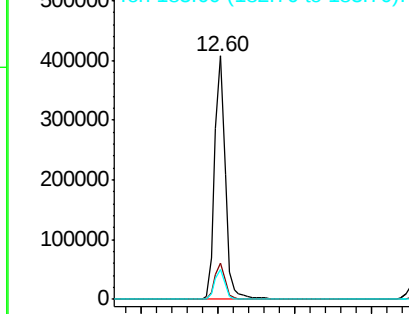
Tot Ion:	184	Resp:	383086
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.6	19.0
183	12.2	9.9	14.9

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



#78

Pyrene

Concen: 37.703 ng

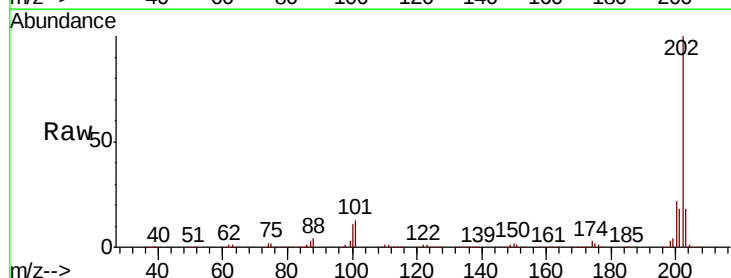
RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

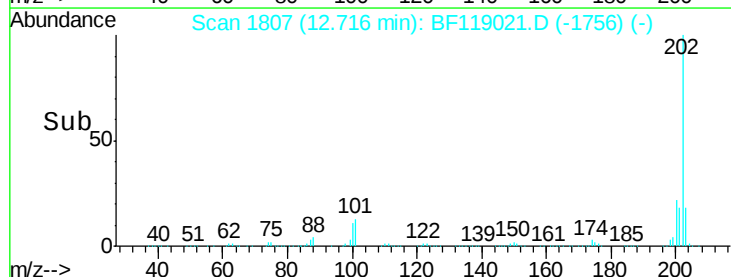
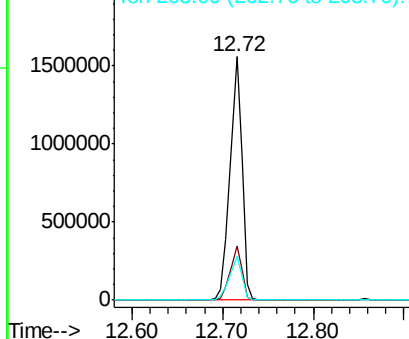
Lab File: BF119021.D

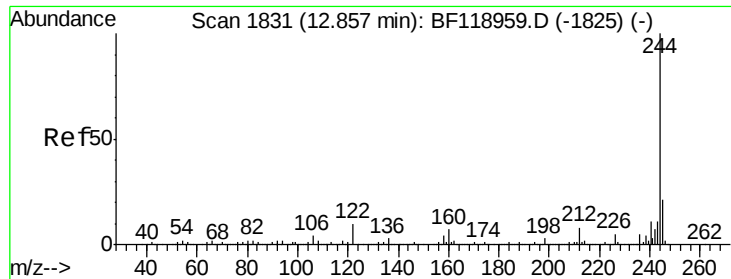
Acq: 24 Feb 2020 14:11

Tgt Ion:	202	Resp:	1451487
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.4	26.0
203	18.1	14.5	21.7



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





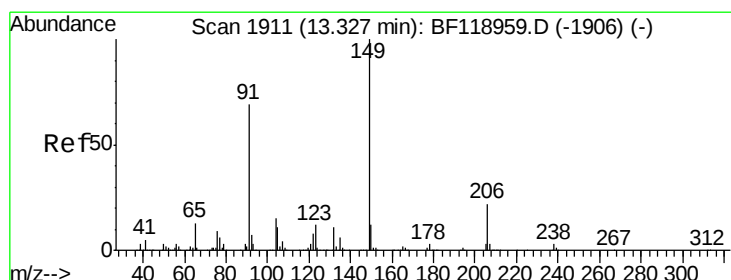
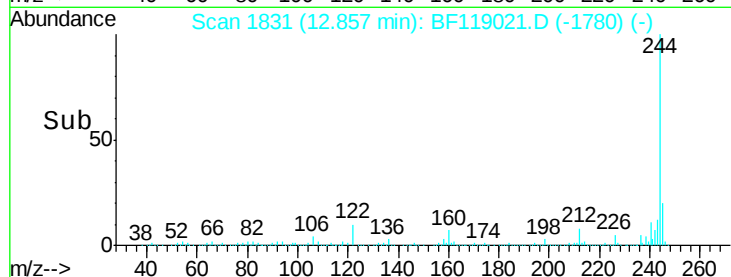
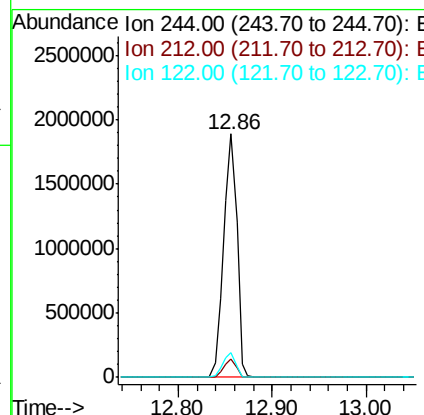
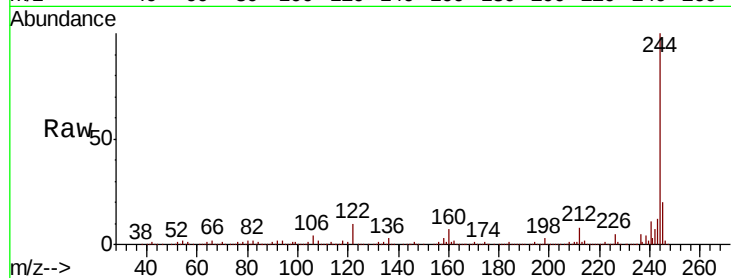
#79
 Terphenyl-d14
 Concen: 67.680 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Instrument :
 BNA_F
 ClientSampleID :
 PB127020BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	10.2	8.4	12.6

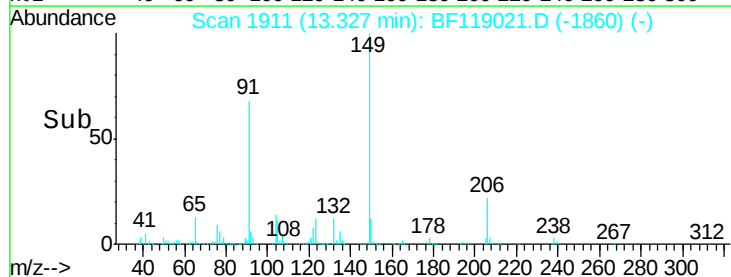
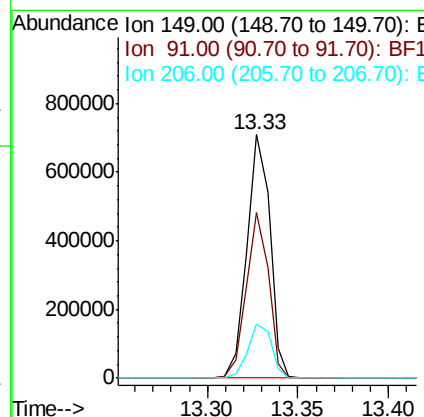
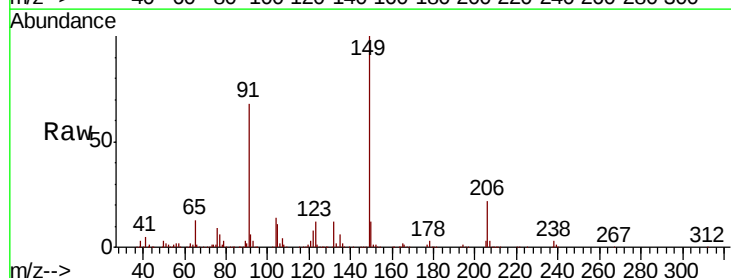
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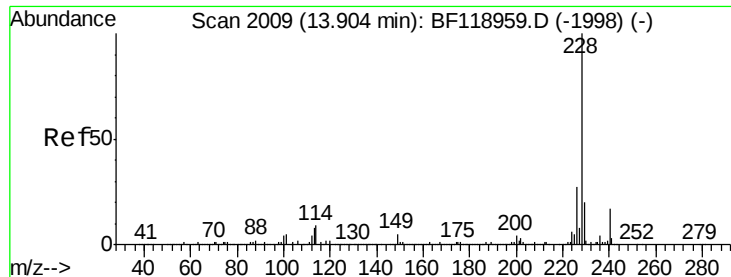
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#80
 Butylbenzylphthalate
 Concen: 38.730 ng
 RT: 13.33 min Scan# 1911
 Delta R.T. -0.00 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.0	55.4	83.2
206	22.1	17.7	26.5





#81

Benzo(a)anthracene

Concen: 37.084 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Instrument :

BNA_F

ClientSampleId :

PB127020BS

Tot Ion:228 Resp: 1211416

Ion Ratio Lower Upper

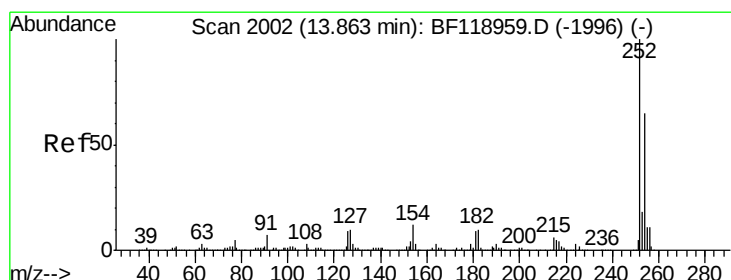
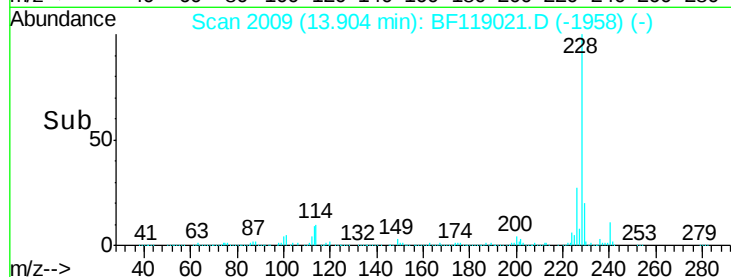
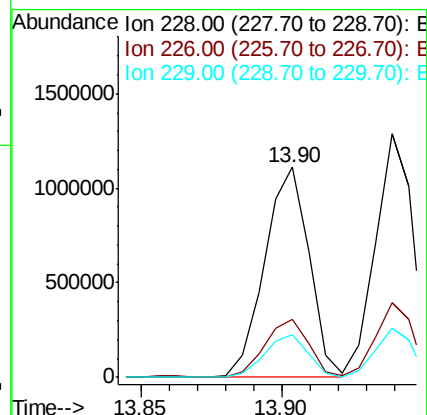
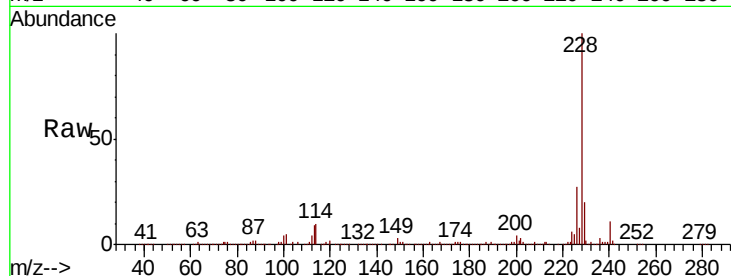
228 100

226 27.3 21.8 32.8

229 20.1 16.0 24.0

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#82

3,3'-Dichlorobenzidine

Concen: 28.538 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

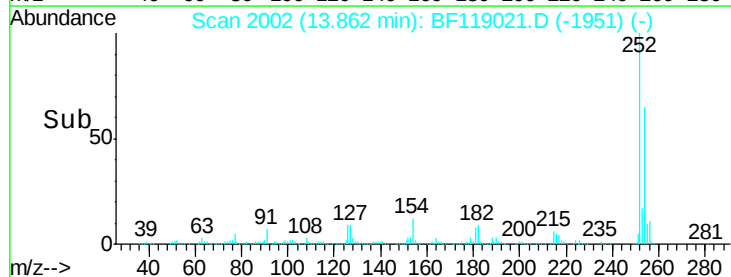
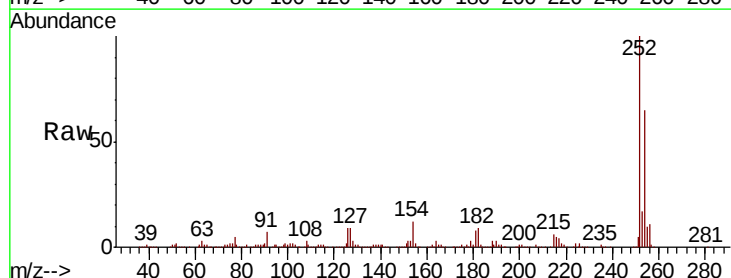
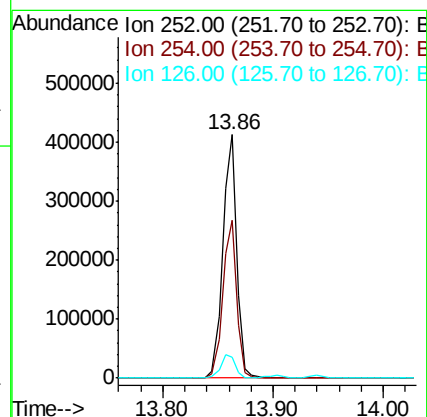
Tgt Ion:252 Resp: 361990

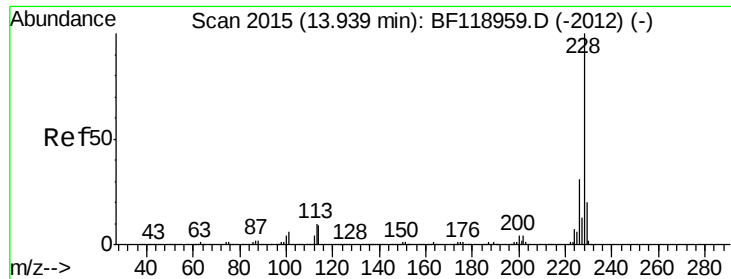
Ion Ratio Lower Upper

252 100

254 65.0 52.1 78.1

126 8.7 7.3 10.9





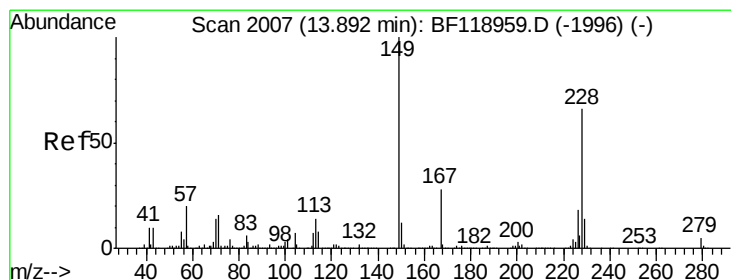
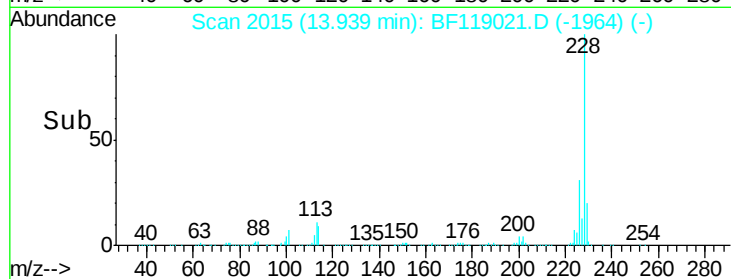
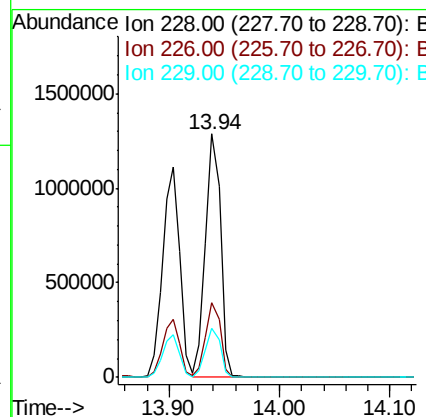
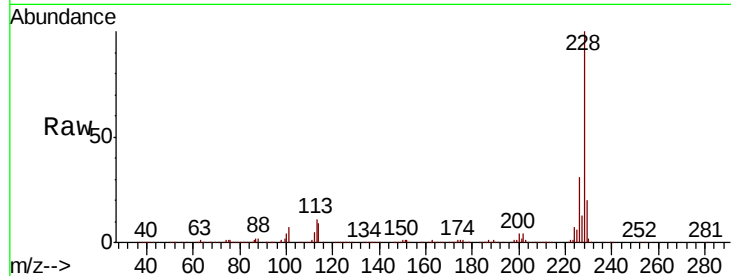
#83
 Chrysene
 Concen: 36.336 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB127020BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	20.2	16.2	24.2

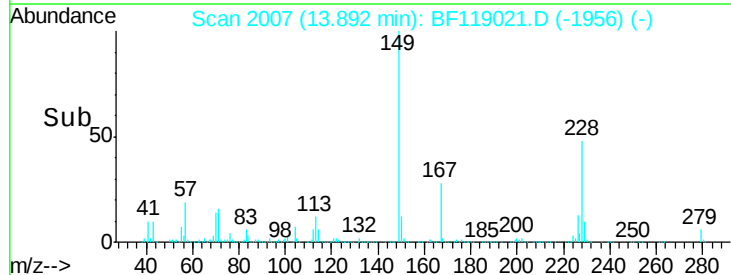
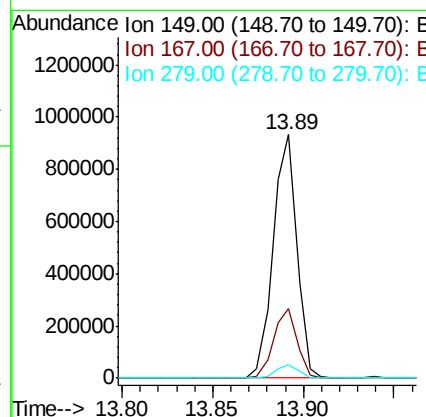
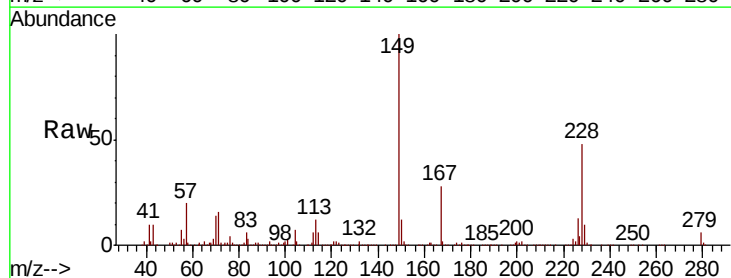
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.363 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BF119021.D
 Acq: 24 Feb 2020 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.3	33.5
279	5.6	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 41.113 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Instrument :

BNA_F

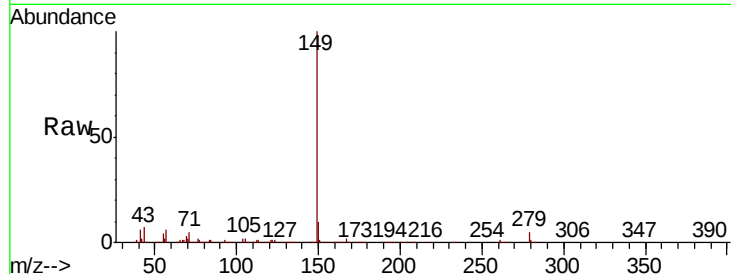
ClientSampleId :

PB127020BS

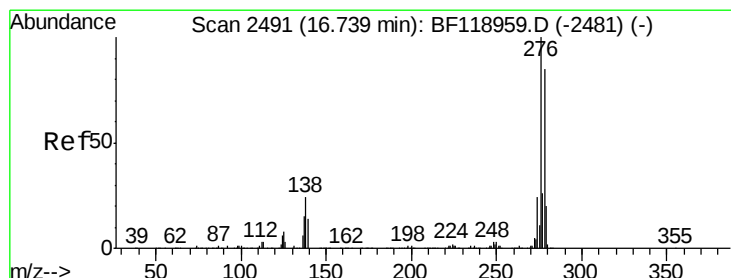
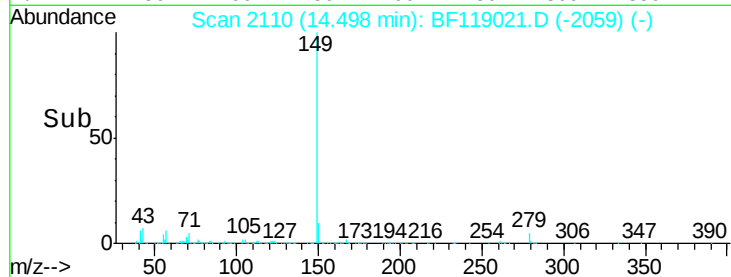
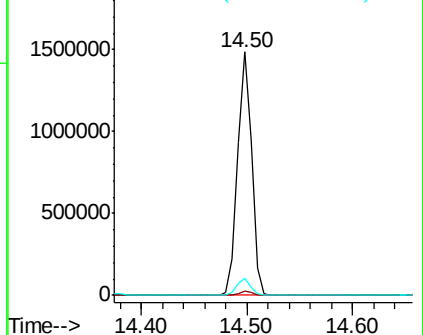
Tot Ion:	149	Resp:	1340875
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.5	5.2	7.8

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Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.332 ng

RT: 16.76 min Scan# 2494

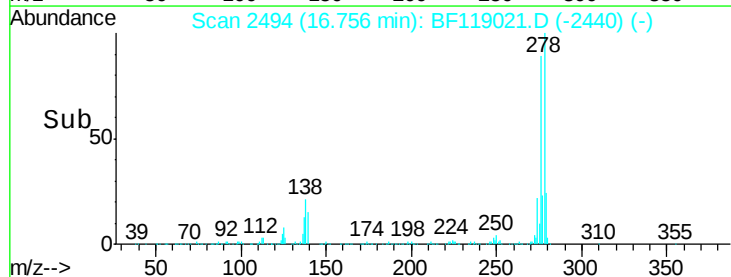
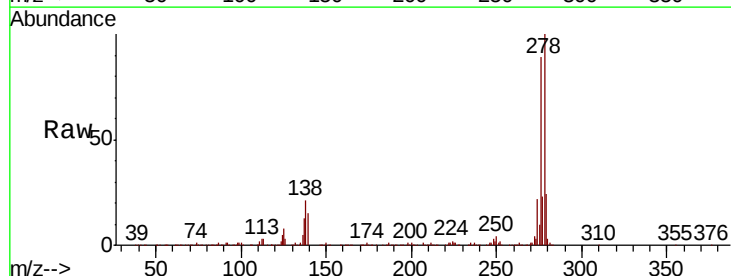
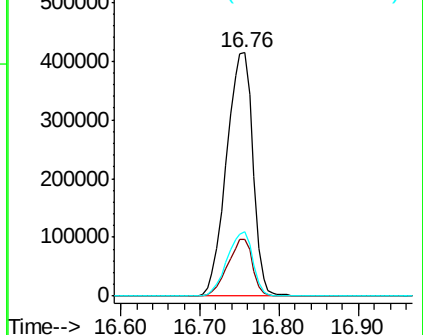
Delta R.T. 0.02 min

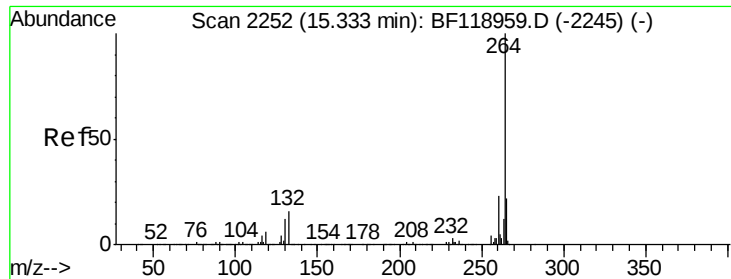
Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Tgt Ion:	276	Resp:	955959
Ion	Ratio	Lower	Upper
276	100		
138	22.0	18.7	28.1
277	25.5	20.3	30.5

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





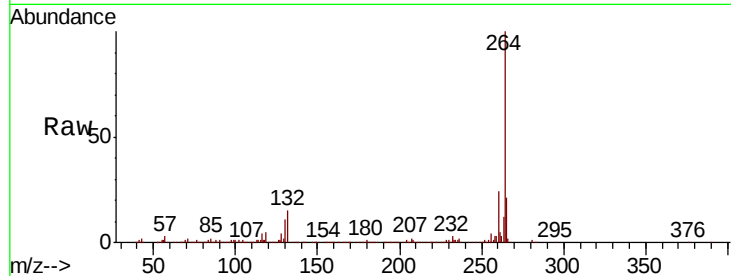
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.5	17.3	25.9

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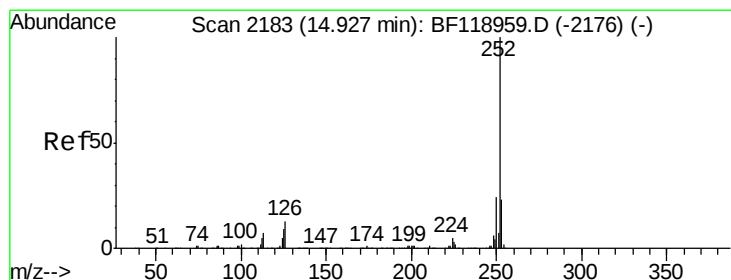
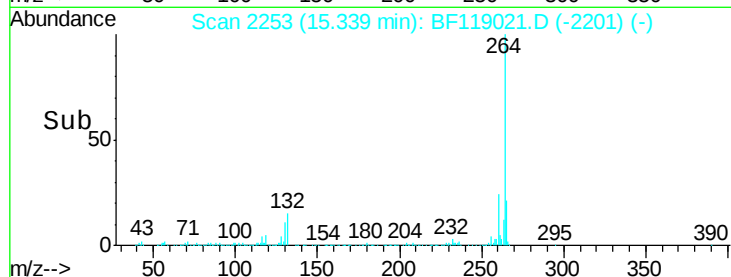
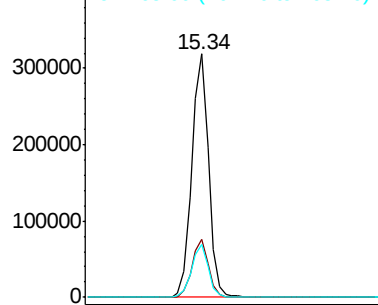


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 43.793 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

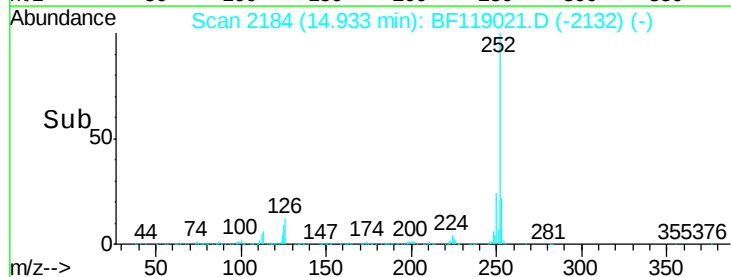
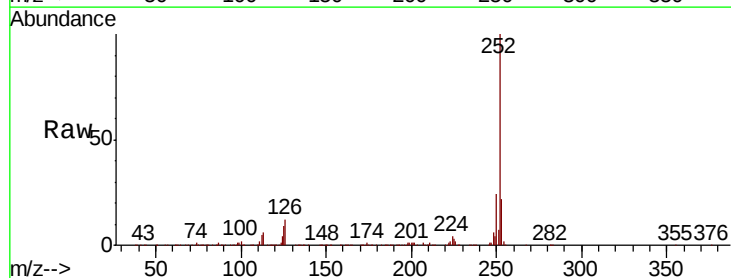
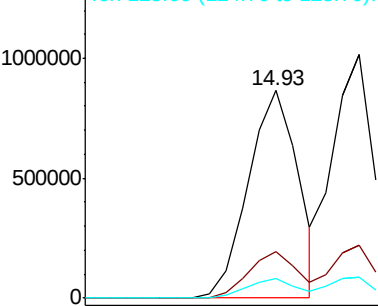
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.4	7.4	11.0

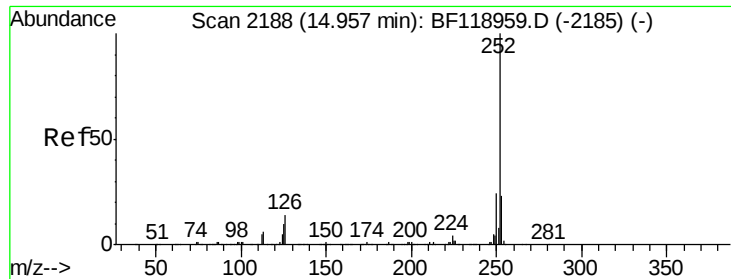
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.674 ng

RT: 14.96 min Scan# 2189

Delta R.T. 0.01 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

Instrument :

BNA_F

ClientSampleId :

PB127020BS

Tot Ion:252 Resp: 1024685

Ion Ratio Lower Upper

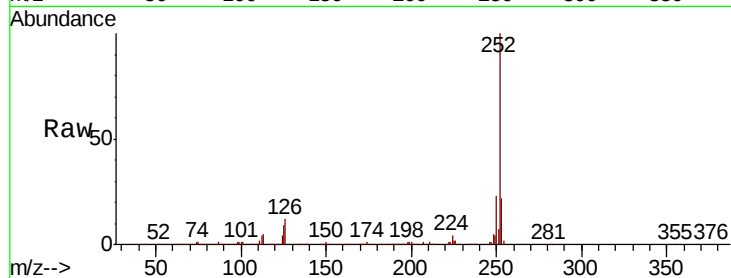
252 100

253 22.0 17.9 26.9

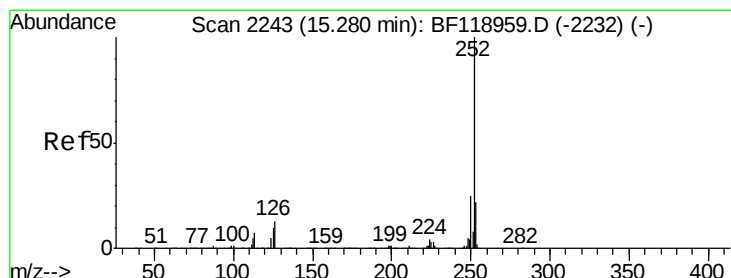
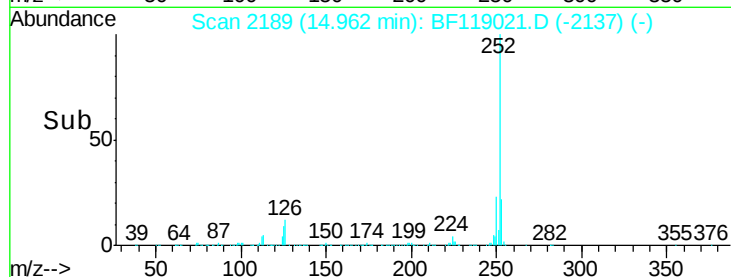
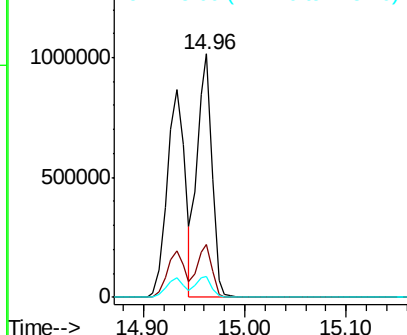
125 8.7 7.3 10.9

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.351 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BF119021.D

Acq: 24 Feb 2020 14:11

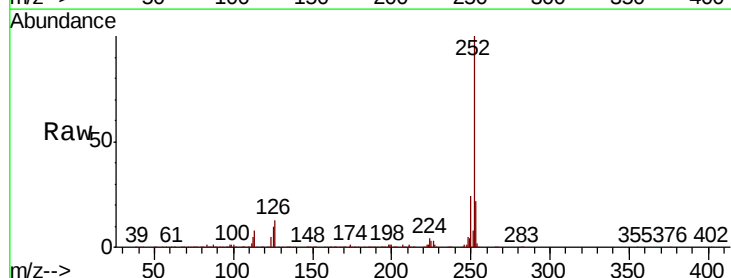
Tgt Ion:252 Resp: 881630

Ion Ratio Lower Upper

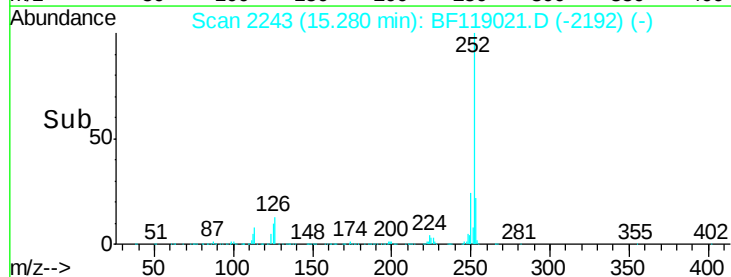
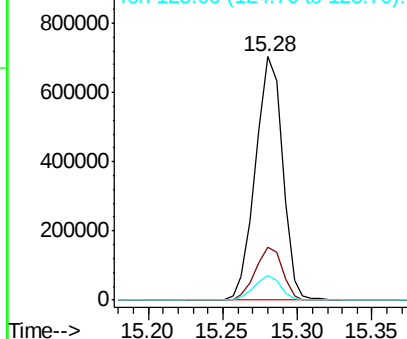
252 100

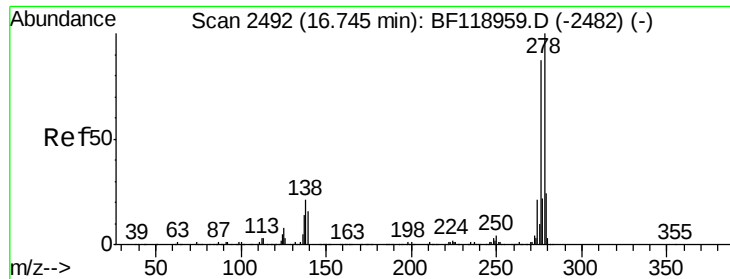
253 21.7 17.9 26.9

125 10.1 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





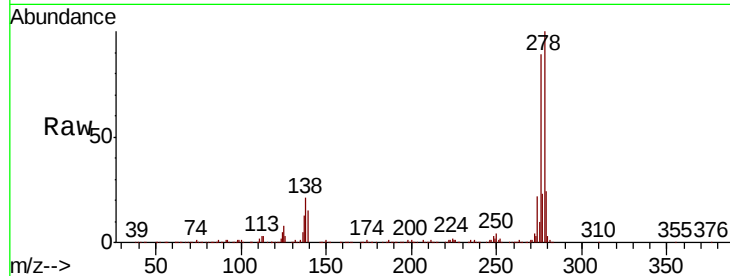
#91
Dibenzo(a,h)anthracene
Concen: 41.890 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

Instrument :
BNA_F
ClientSampleId :
PB127020BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.6	18.8
279	23.9	19.0	28.6

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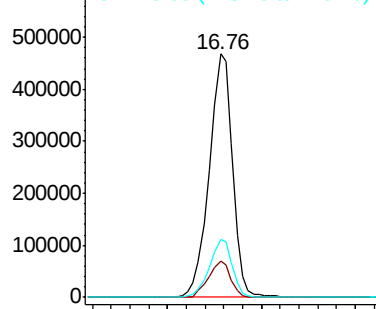


Abundance

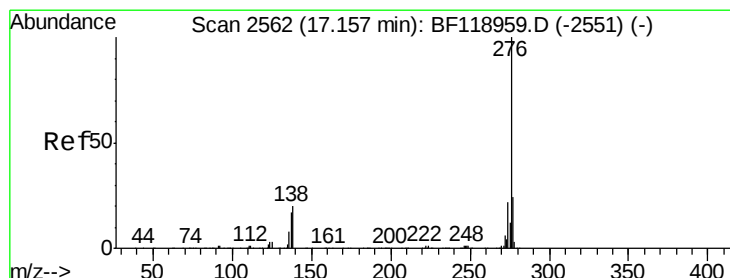
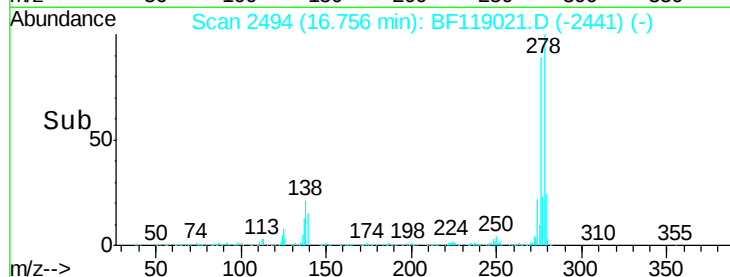
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92
Benzo(g,h,i)perylene
Concen: 42.407 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.02 min
Lab File: BF119021.D
Acq: 24 Feb 2020 14:11

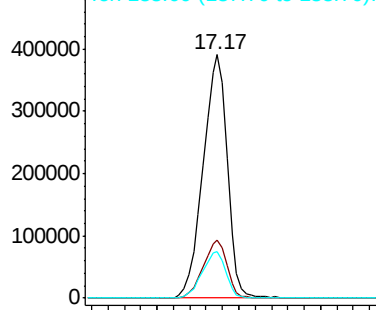
Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	19.2	16.2	24.4

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->

