

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118576.D
 Acq On : 17 Jan 2020 23:42
 Operator : JU
 Sample : PB126175BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126175BS

Manual Integrations
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mohammad
 1/21/2020 7:58:42 AM

Quant Time: Jan 18 01:49:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 15:49:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	367589	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1334179	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	739877	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1344131	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1130944	20.00	ng	0.00
87) Perylene-d12	15.52	264	1184516	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1003017	50.42	ng	0.00
7) Phenol-d6	6.50	99	821177	31.50	ng	-0.01
23) Nitrobenzene-d5	7.45	82	2283926	105.73	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	492059	60.16	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4164387	101.61	ng	0.00
79) Terphenyl-d14	13.00	244	4975648	86.89	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	174585	18.264	ng	99
3) Pyridine	3.46	79	333042	12.615	ng	99
4) n-Nitrosodimethylamine	3.37	42	228388	18.861	ng	# 99
6) Aniline	6.55	93	969430	28.413	ng	99
8) 2-Chlorophenol	6.67	128	987463	43.643	ng	95
9) Benzaldehyde	6.43	77	768240	57.571	ng	99
10) Phenol	6.52	94	413032	14.442	ng	100
11) bis(2-Chloroethyl)ether	6.62	93	1069973	46.710	ng	95
12) 1,3-Dichlorobenzene	6.83	146	1133847	42.141	ng	98
13) 1,4-Dichlorobenzene	6.90	146	1159245	42.887	ng	97
14) 1,2-Dichlorobenzene	7.06	146	1101435	43.552	ng	98
15) Benzyl Alcohol	7.02	79	650890	30.425	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1433886	42.671	ng	99
17) 2-Methylphenol	7.13	107	680265	35.421	ng	99
18) Hexachloroethane	7.41	117	402520	40.864	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	863533	46.195	ng	98
20) 3+4-Methylphenols	7.29	107	757652	32.990	ng	# 89
22) Acetophenone	7.29	105	1540859	47.592	ng	# 98
24) Nitrobenzene	7.47	77	1200274	52.248	ng	100
25) Isophorone	7.71	82	2194895	46.816	ng	100
26) 2-Nitrophenol	7.78	139	330449	35.184	ng	98
27) 2,4-Dimethylphenol	7.82	122	915292	49.088	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	1350665	44.838	ng	99
29) 2,4-Dichlorophenol	8.02	162	920799	44.865	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	1034535	43.253	ng	99
31) Naphthalene	8.19	128	2991189	47.540	ng	99
32) Benzoic acid	7.95	122	2357m	8.008	ng	
33) 4-Chloroaniline	8.23	127	1117233	38.216	ng	99
34) Hexachlorobutadiene	8.32	225	599904	40.211	ng	99
35) Caprolactam	8.58	113	33570	5.258	ng	# 86
36) 4-Chloro-3-methylphenol	8.70	107	885547	43.525	ng	100
37) 2-Methylnaphthalene	8.89	142	2152599	48.291	ng	99
38) 1-Methylnaphthalene	8.99	142	2048243	48.570	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1086099	45.512	ng	99

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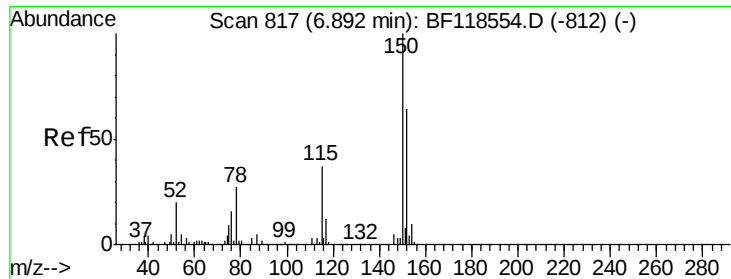
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1241449	99.566	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	543211	35.726	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	642892	41.821	nq	99
46) 1,1'-Biphenyl	9.35	154	2582142	48.842	nq	98
47) 2-Chloronaphthalene	9.37	162	2077099	46.614	nq	98
48) 2-Nitroaniline	9.46	65	613710	52.954	nq	95
49) Acenaphthylene	9.79	152	3165098	50.307	nq	99
50) Dimethylphthalate	9.65	163	2391829	47.083	nq	98
51) 2,6-Dinitrotoluene	9.70	165	548690	56.609	nq	96
52) Acenaphthene	9.96	154	1914690	46.455	nq	98
53) 3-Nitroaniline	9.87	138	514524	46.860	nq	# 98
54) 2,4-Dinitrophenol	9.97	184	604	10.716	nq	# 1
55) Dibenzofuran	10.13	168	2885135	49.465	nq	97
56) 4-Nitrophenol	10.01	139	74441	9.178	nq	98
57) 2,4-Dinitrotoluene	10.10	165	666658	51.744	nq	95
58) Fluorene	10.47	166	2246330	49.734	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	273784	20.818	nq	97
60) Diethylphthalate	10.35	149	2358235	47.551	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	1202336	48.659	nq	98
62) 4-Nitroaniline	10.48	138	524132	48.062	nq	97
63) Azobenzene	10.63	77	2360623	48.838	nq	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	1866	9.997	nq	# 48
66) n-Nitrosodiphenylamine	10.58	169	2090147	48.395	nq	100
67) 4-Bromophenyl-phenylether	10.96	248	813824	45.231	nq	94
68) Hexachlorobenzene	11.03	284	899500	45.113	nq	95
69) Atrazine	11.11	200	766750	61.520	nq	98
70) Pentachlorophenol	11.21	266	151857	15.497	nq	98
71) Phenanthrene	11.44	178	3308535	48.970	nq	99
72) Anthracene	11.49	178	3463093	51.375	nq	98
73) Carbazole	11.64	167	3064798	50.413	nq	100
74) Di-n-butylphthalate	11.97	149	3457798	45.769	nq	100
75) Fluoranthene	12.62	202	3596001	49.493	nq	99
77) Benzidine	12.74	184	2930729	106.658	nq	98
78) Pyrene	12.85	202	3642265	43.150	nq	99
80) Butylbenzylphthalate	13.47	149	1459071	40.325	nq	95
81) Benzo(a)anthracene	14.04	228	3384765	47.415	nq	98
82) 3,3'-Dichlorobenzidine	14.00	252	1392017	55.580	nq	99
83) Chrysene	14.08	228	3224028	46.953	nq	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	2042700	45.484	nq	98
85) Di-n-octyl phthalate	14.64	149	3282080	47.723	nq	99
86) Indeno(1,2,3-cd)pyrene	17.01	276	4008852	59.329	nq	99
88) Benzo(b)fluoranthene	15.09	252	3344129	43.347	nq	99
89) Benzo(k)fluoranthene	15.12	252	3356033	48.133	nq	98
90) Benzo(a)pyrene	15.46	252	3057134	45.541	nq	99
91) Dibenzo(a,h)anthracene	17.03	278	3330697	53.123	nq	99
92) Benzo(g,h,i)perylene	17.46	276	3316380	54.760	nq	98

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



#1

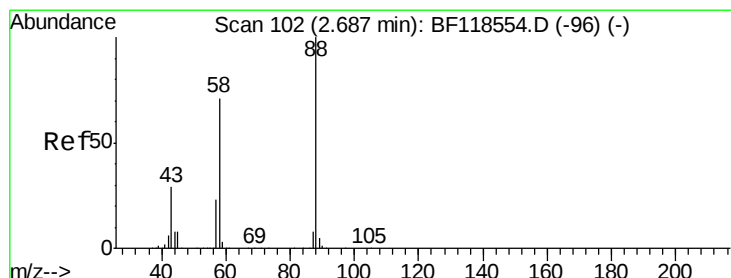
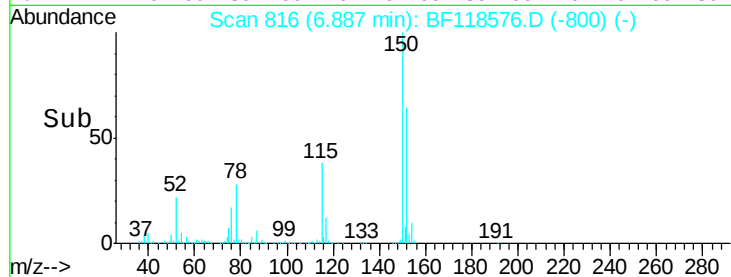
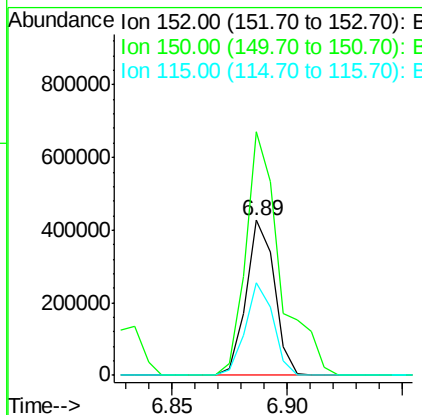
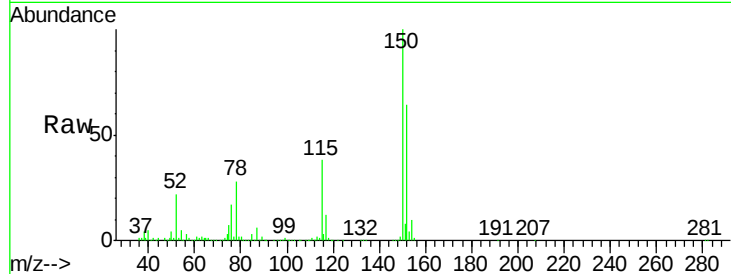
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.9	187.3
115	59.9	45.8	68.6

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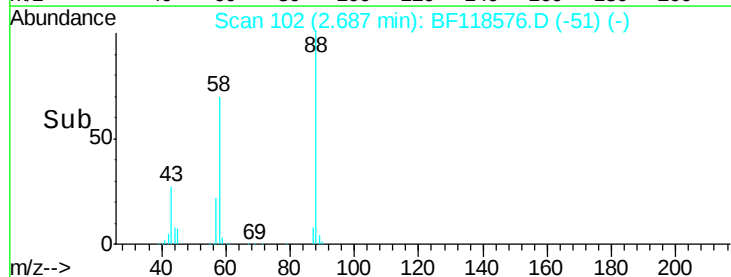
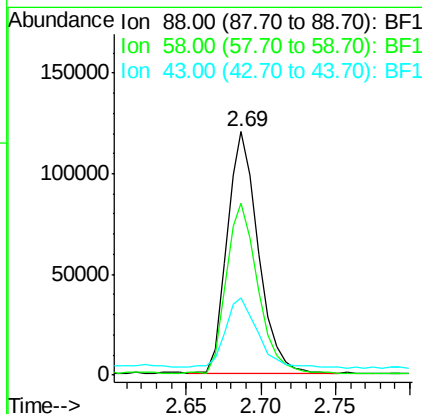
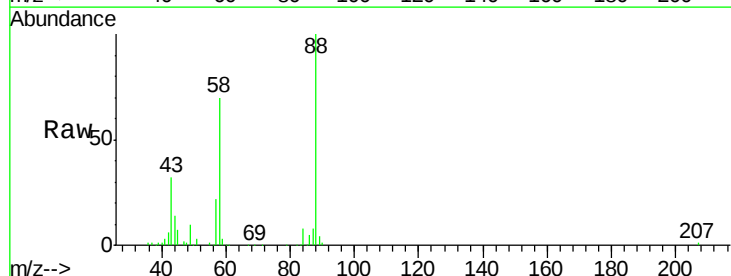
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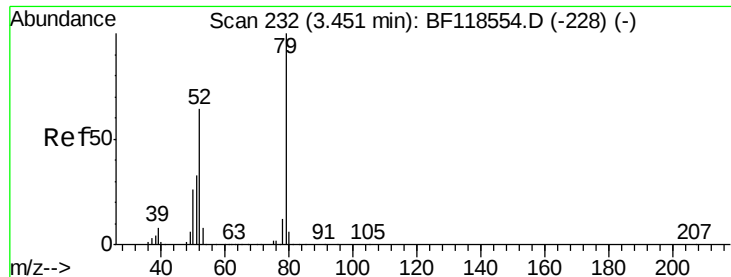


#2

1,4-Dioxane
Concen: 18.264 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	56.7	85.1
43	30.3	23.3	34.9





#3

Pvridine

Concen: 12.615 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

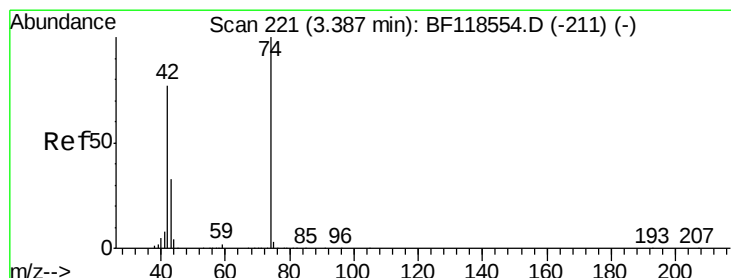
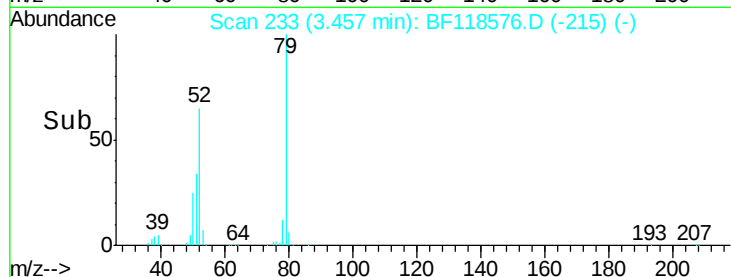
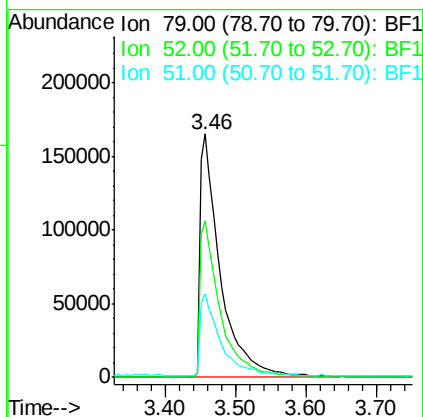
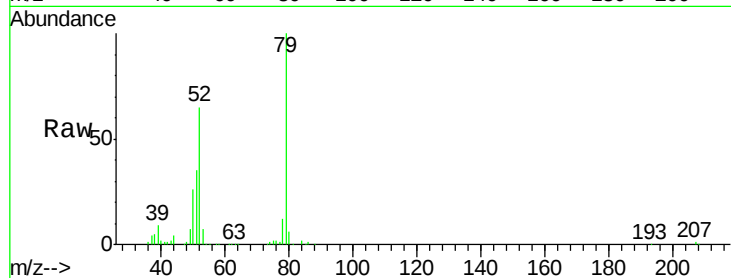
ClientSampleId :

PB126175BS

Tot Ion:	79	Resp:	333042
Ion Ratio	Lower	Upper	
79	100		
52	64.5	51.3	76.9
51	34.6	26.7	40.1

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#4

n-Nitrosodimethylamine

Concen: 18.861 ng

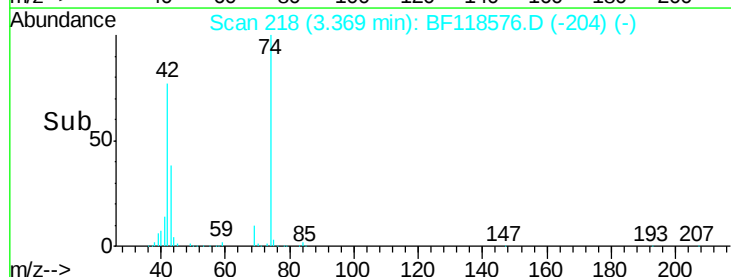
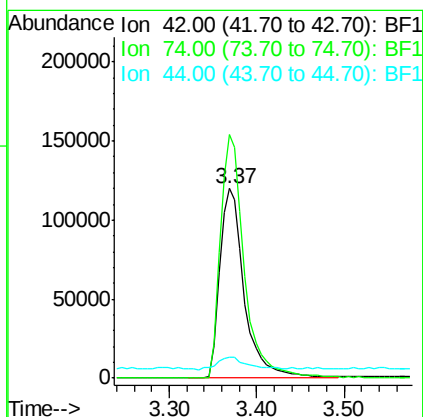
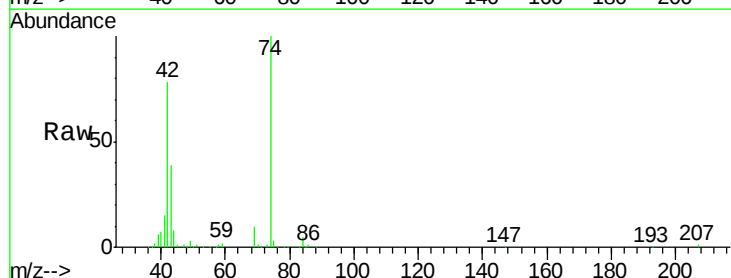
RT: 3.37 min Scan# 218

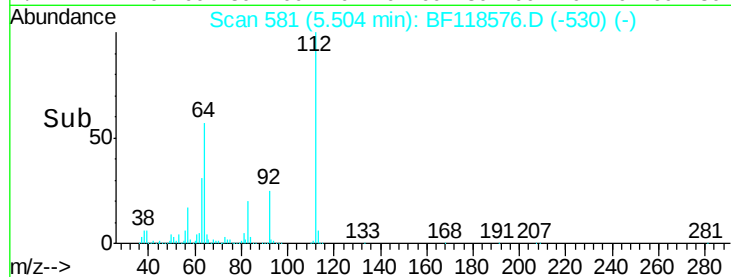
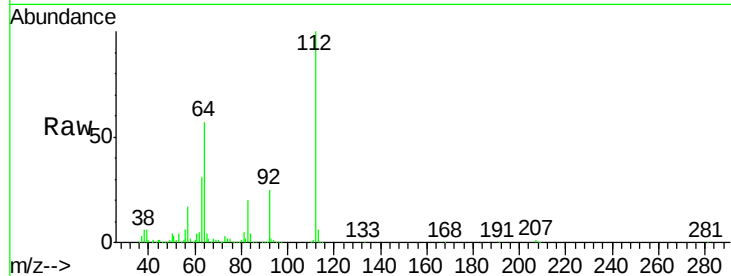
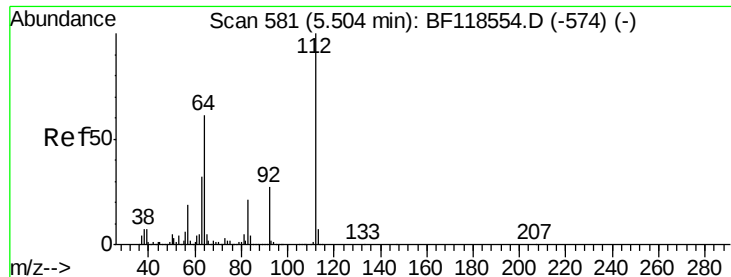
Delta R.T. -0.02 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Tgt Ion:	42	Resp:	228388
Ion Ratio	Lower	Upper	
42	100		
74	128.5	103.1	154.7
44	10.9	5.4	8.2#





#5

2-Fluorophenol

Concen: 50.418 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Tot Ion:	112	Resp:	1003017
Ion	Ratio	Lower	Upper
112	100		
64	56.5	49.1	73.7
63	30.5	25.8	38.8

Instrument :

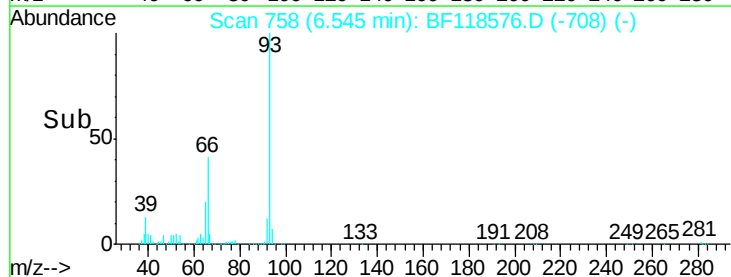
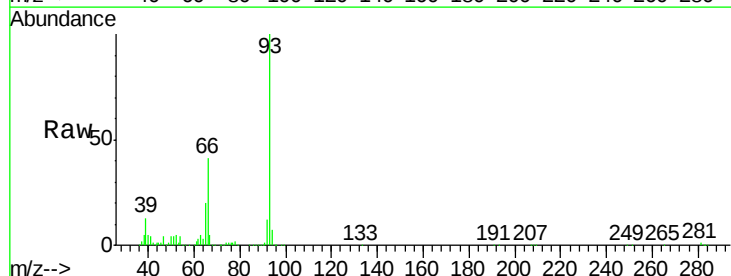
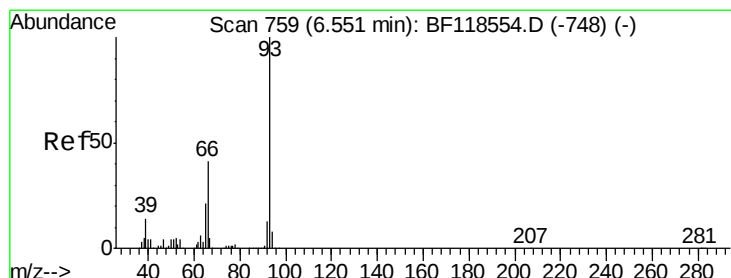
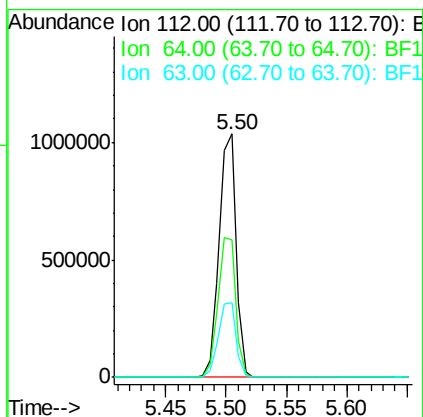
BNA_F

ClientSampleId :

PB126175BS

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#6

Aniline

Concen: 28.413 ng

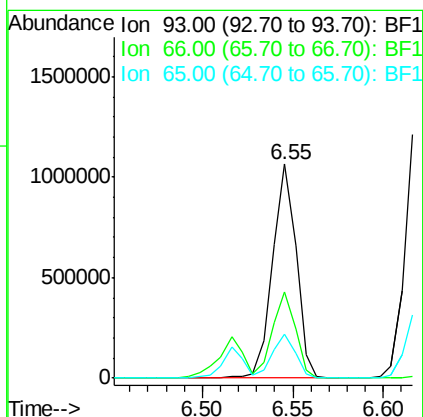
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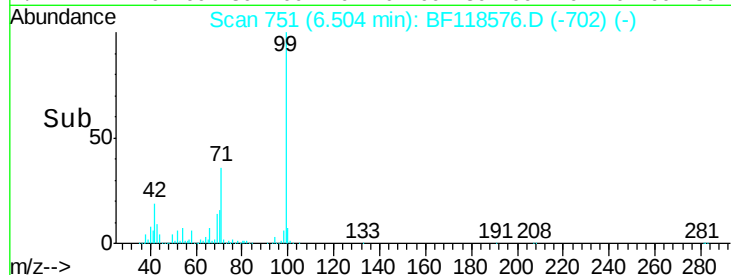
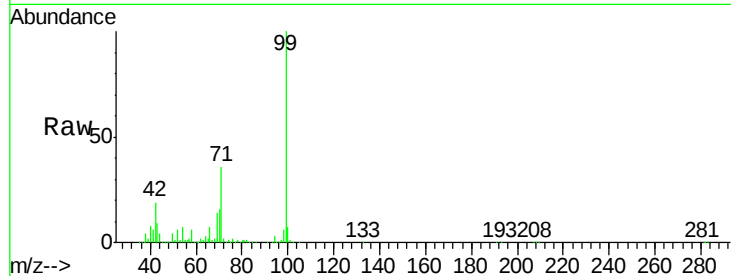
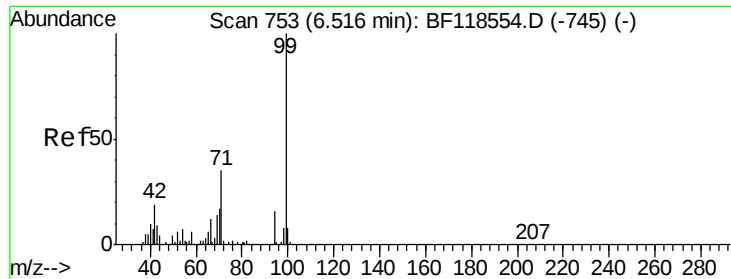
Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Tgt Ion:	93	Resp:	969430
Ion	Ratio	Lower	Upper
93	100		
66	40.5	32.9	49.3
65	20.4	16.5	24.7





#7

Phenol-d6

Concen: 31.502 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		821177		
42	18.9	14.9	22.3		
71	35.8	28.3	42.5		

Instrument :

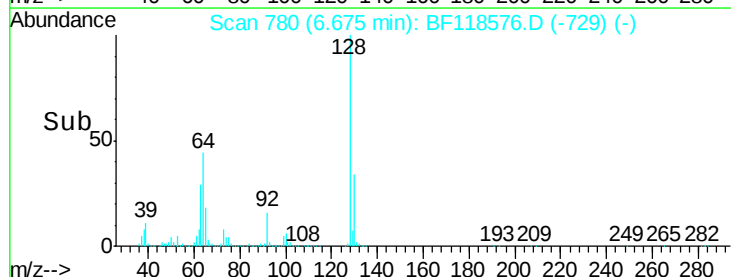
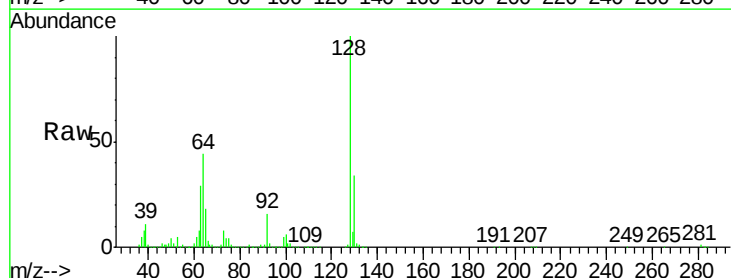
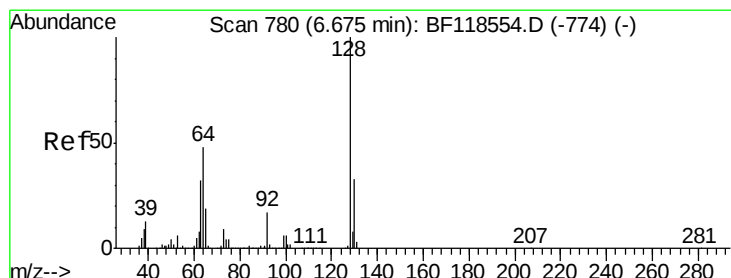
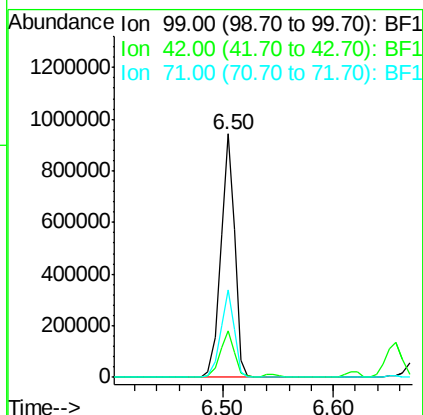
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#8

2-Chlorophenol

Concen: 43.643 ng

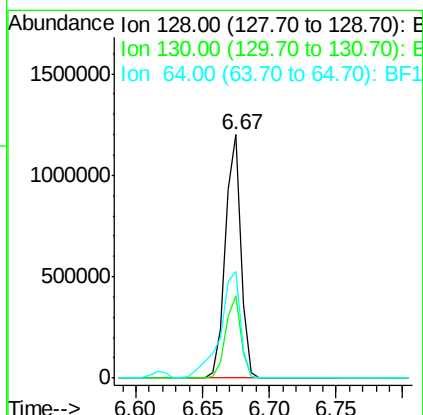
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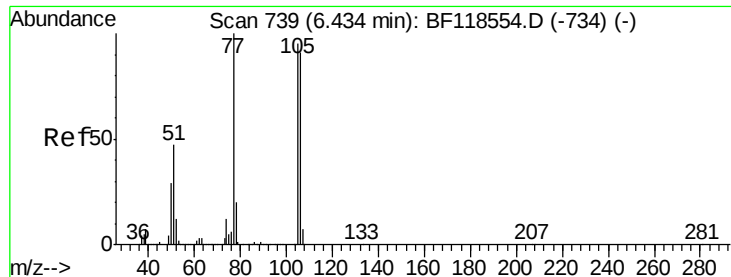
Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		987463		
130	33.7	13.2	53.2		
64	44.0	28.9	68.9		





#9

Benzaldehyde

Concen: 57.571 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

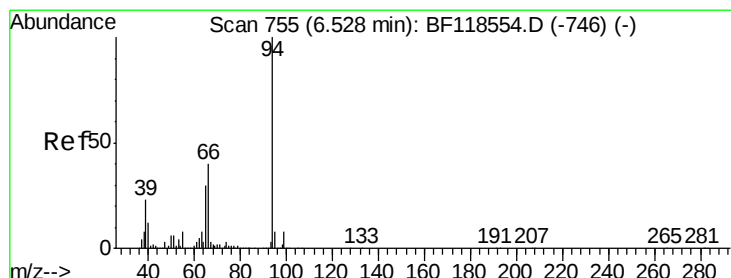
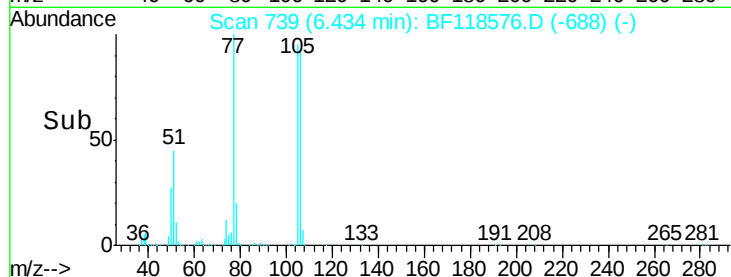
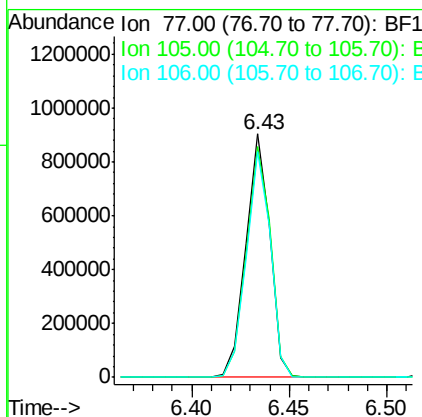
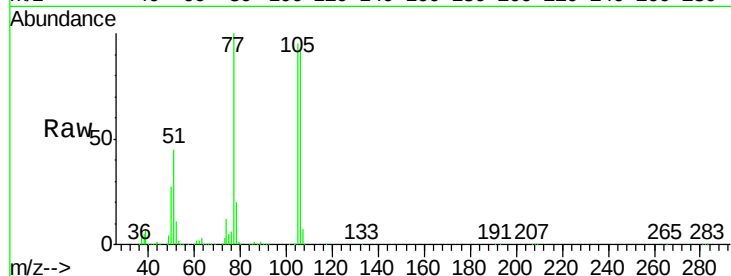
ClientSampleId :

PB126175BS

Tot Ion:	77	Resp:	768240
Ion Ratio	Lower	Upper	
77	100		
105	94.9	75.2	115.2
106	92.7	71.4	111.4

Manual Integrations
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#10

Phenol

Concen: 14.442 ng

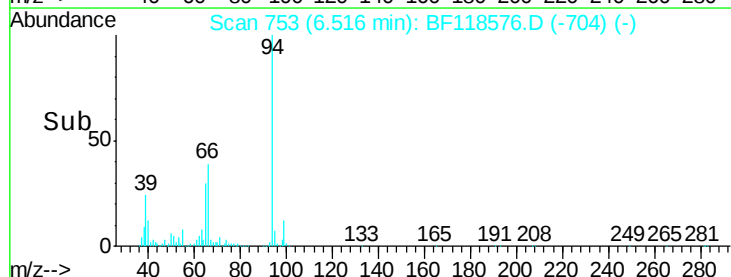
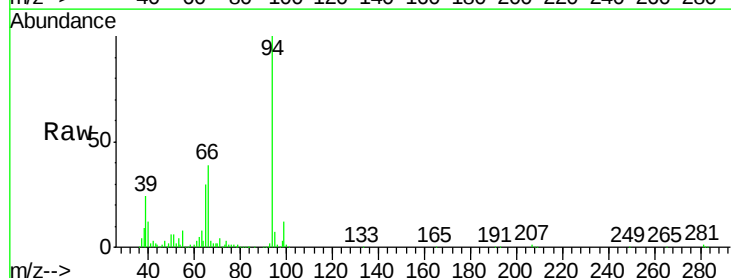
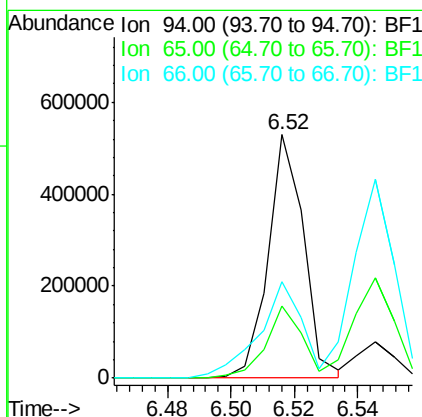
RT: 6.52 min Scan# 753

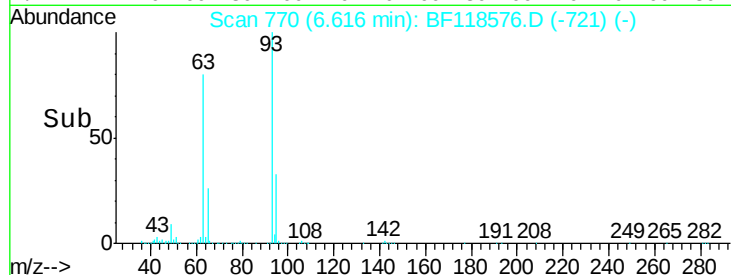
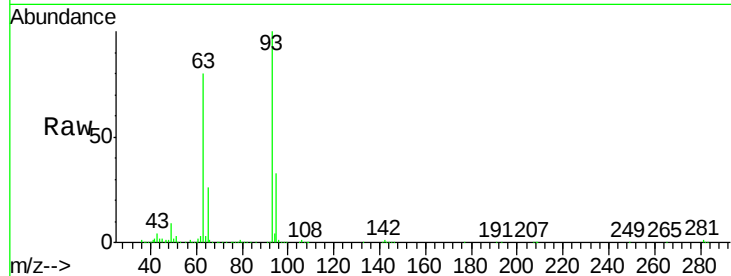
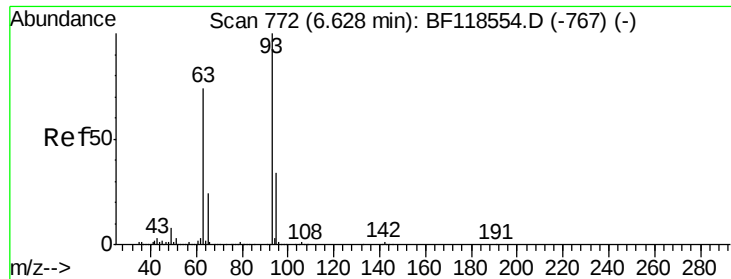
Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Tgt Ion:	94	Resp:	413032
Ion Ratio	Lower	Upper	
94	100		
65	29.6	9.8	49.8
66	39.4	19.5	59.5





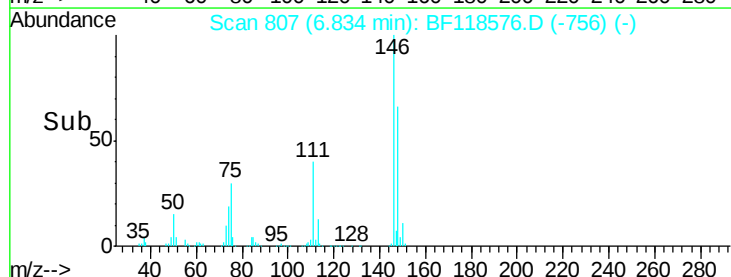
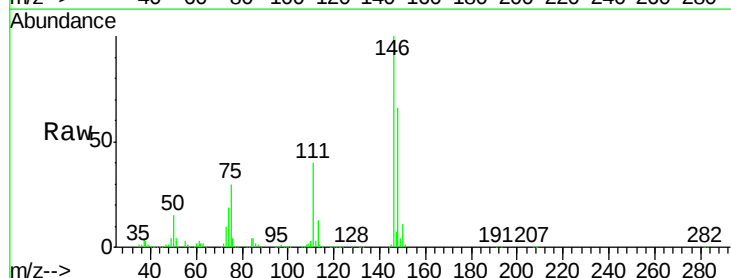
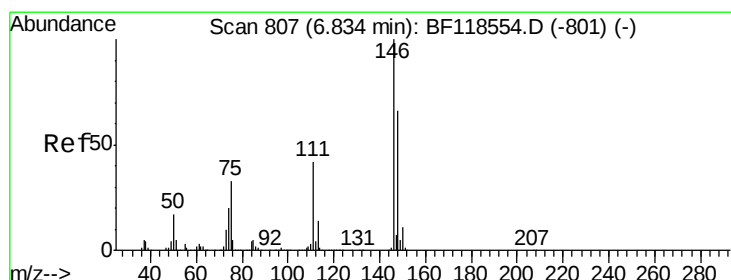
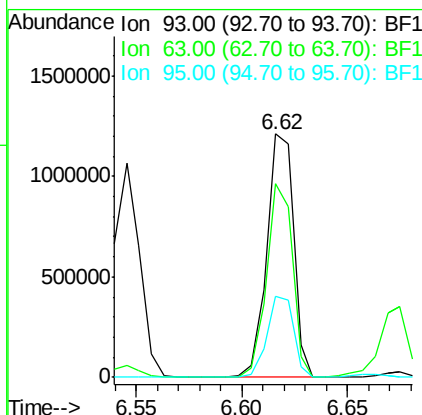
#11
bis(2-Chloroethyl)ether
Concen: 46.710 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tot Ion: 93 Resp: 1069973
Ion Ratio Lower Upper
93 100
63 79.6 54.0 94.0
95 33.1 13.5 53.5

Instrument :
BNA_F
ClientSampleId :
PB126175BS

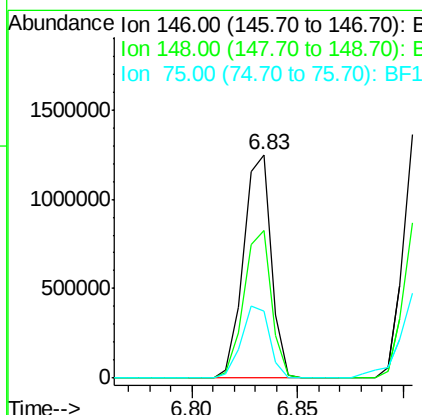
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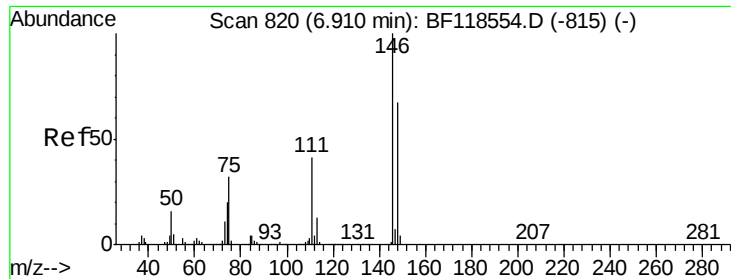
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#12
1,3-Dichlorobenzene
Concen: 42.141 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion: 146 Resp: 1133847
Ion Ratio Lower Upper
146 100
148 65.8 53.0 79.6
75 30.2 26.5 39.7





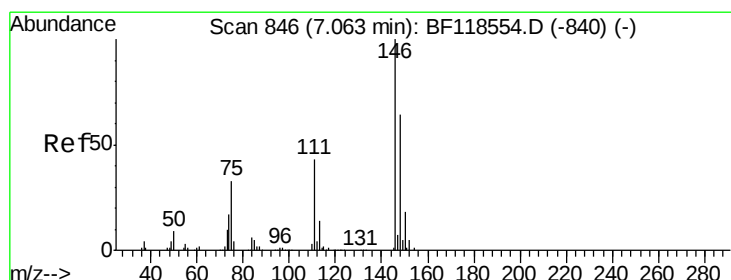
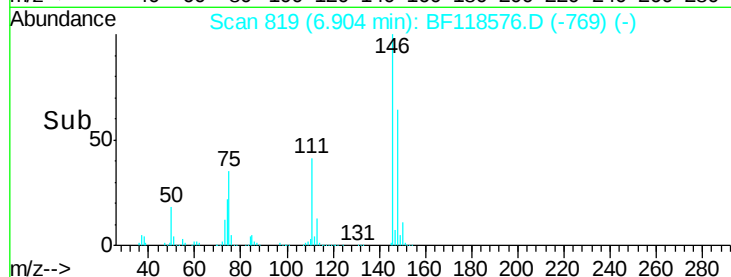
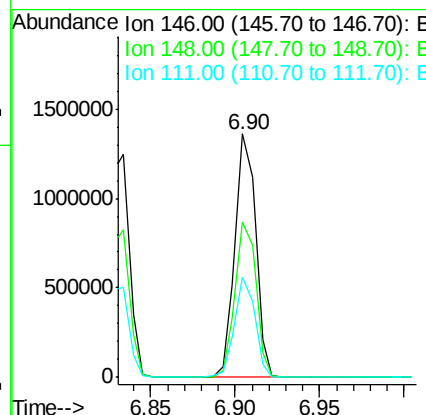
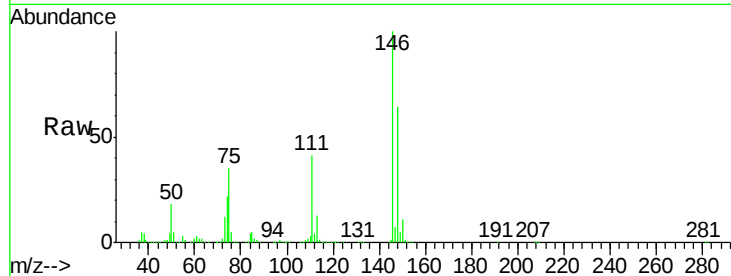
#13
 1,4-Dichlorobenzene
 Concen: 42.887 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126175BS

Tot Ion:146 Resp: 1159245
 Ion Ratio Lower Upper
 146 100
 148 63.7 53.4 80.2
 111 41.3 32.6 48.8

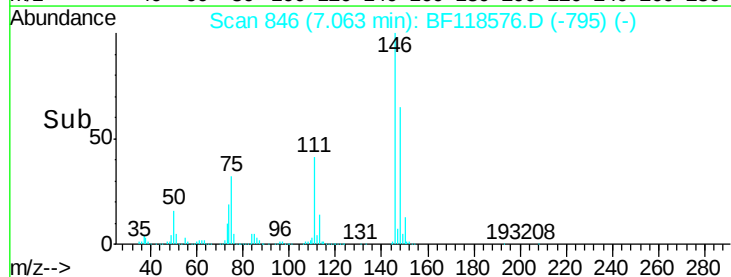
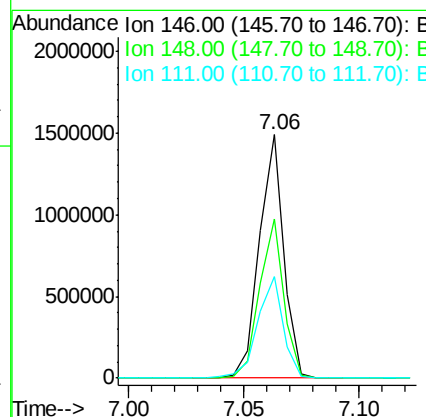
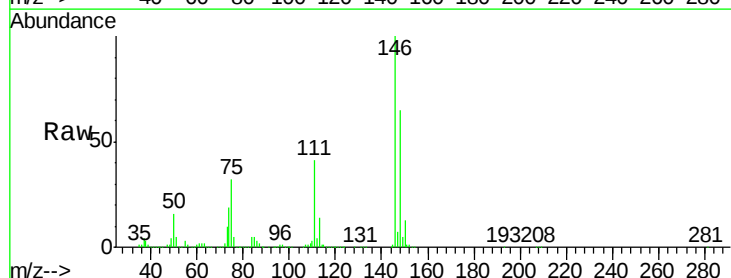
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#14
 1,2-Dichlorobenzene
 Concen: 43.552 ng
 RT: 7.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Tgt Ion:146 Resp: 1101435
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.2 76.8
 111 41.5 34.6 52.0





#15

Benzyl Alcohol

Concen: 30.425 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

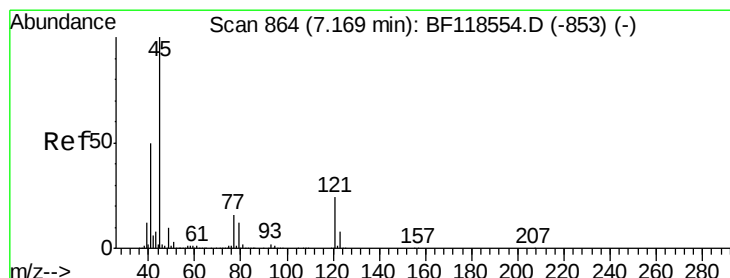
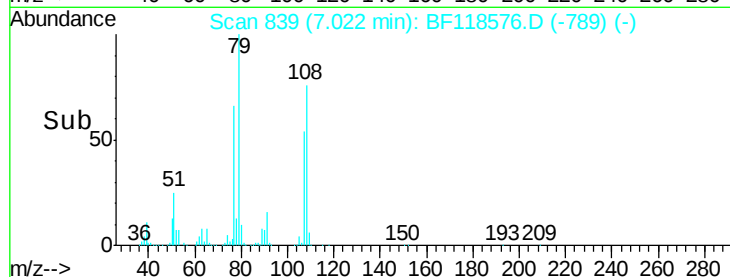
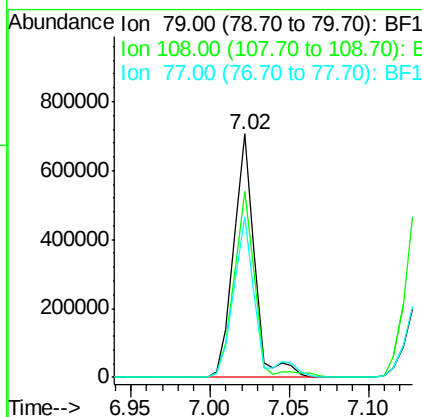
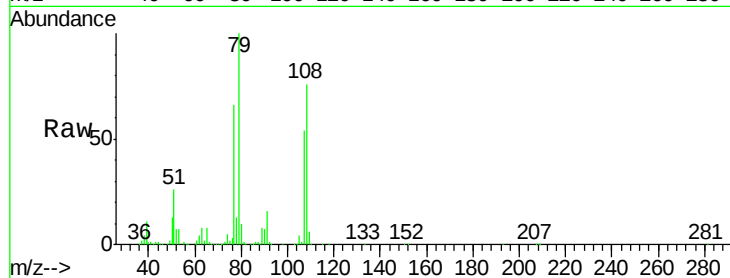
ClientSampleId :

PB126175BS

Tot Ion:	79	Resp:	650890
Ion	Ratio	Lower	Upper
79	100		
108	76.4	61.9	92.9
77	65.7	51.5	77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.671 ng

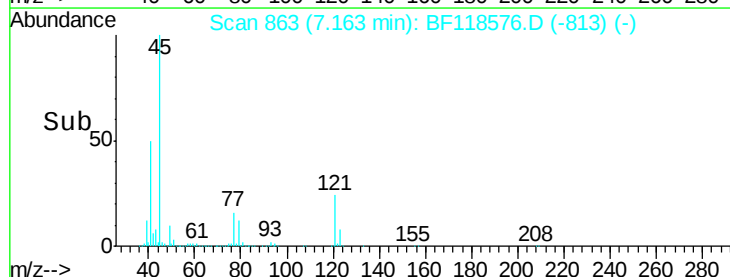
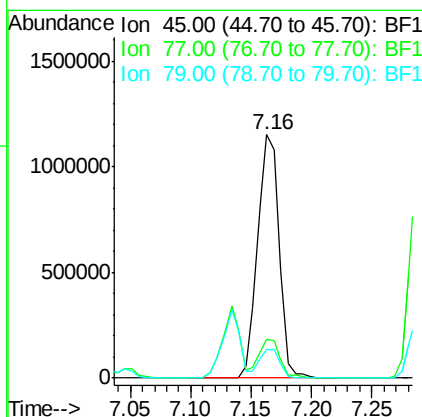
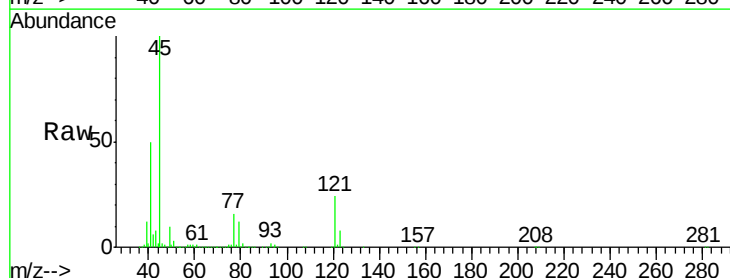
RT: 7.16 min Scan# 863

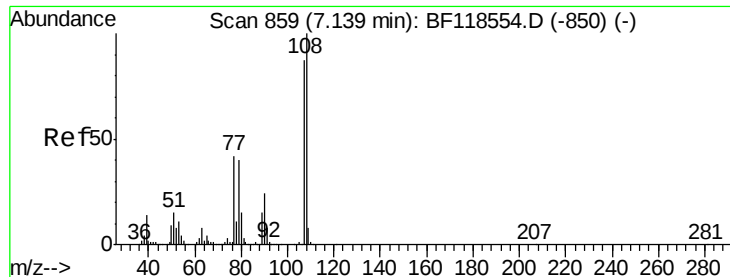
Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Tgt Ion:	45	Resp:	1433886
Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	35.8
79	11.8	0.0	32.2





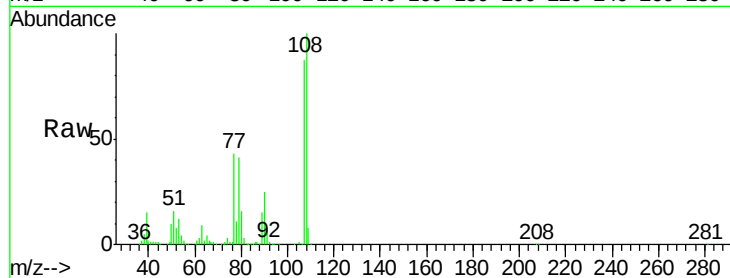
#17
2-Methylphenol
Concen: 35.421 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

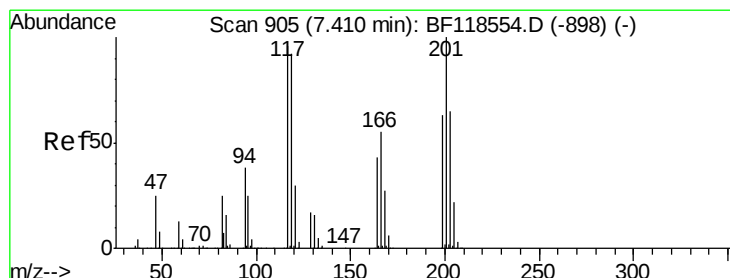
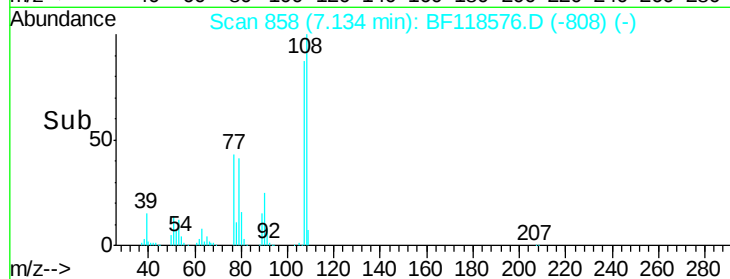
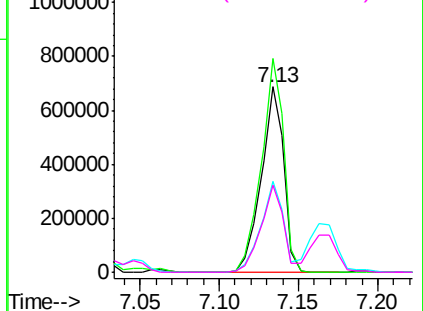
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	92.3	138.5	
77	49.4	38.6	57.8	
79	47.1	37.0	55.6	

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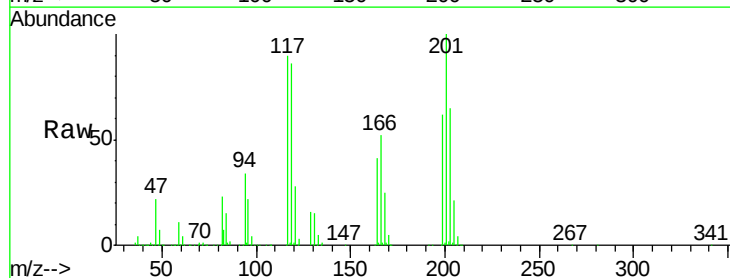


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

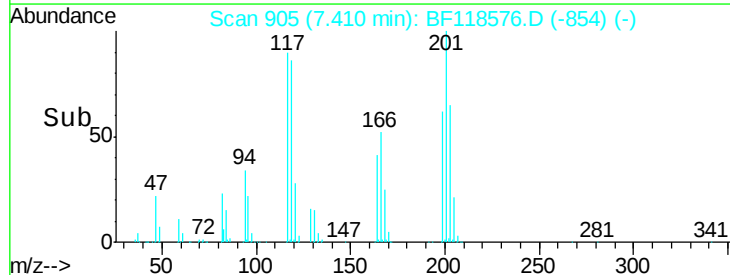
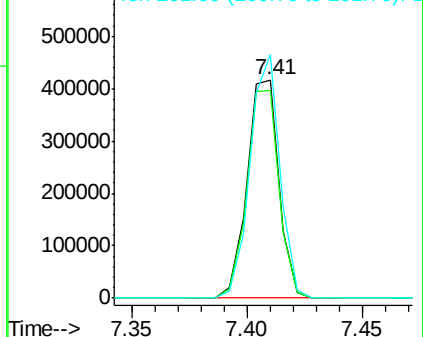


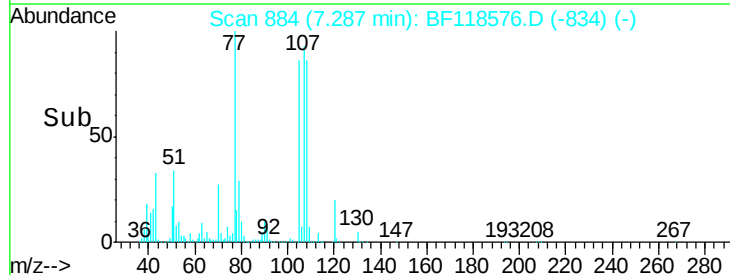
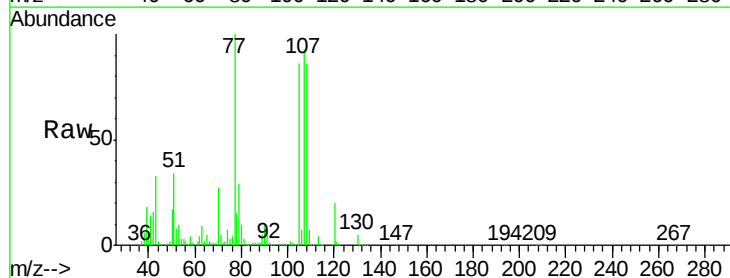
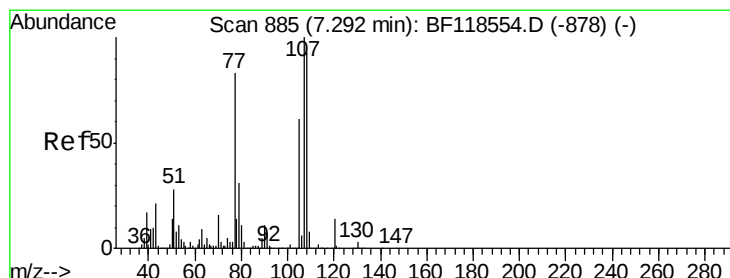
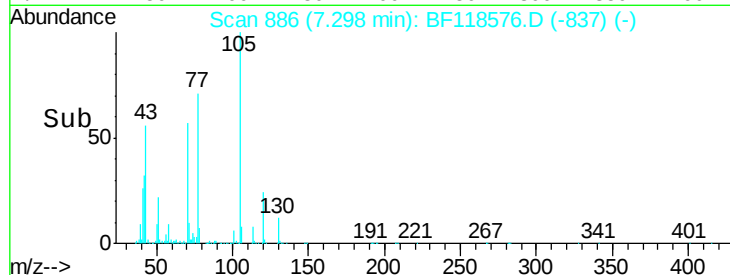
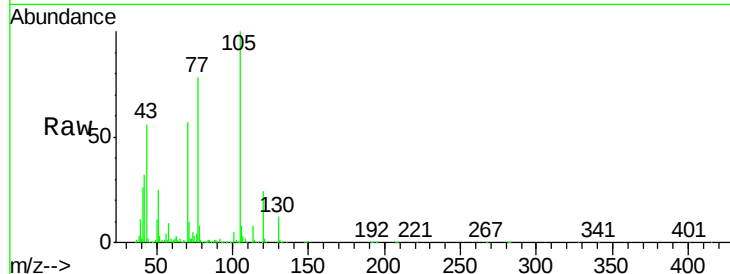
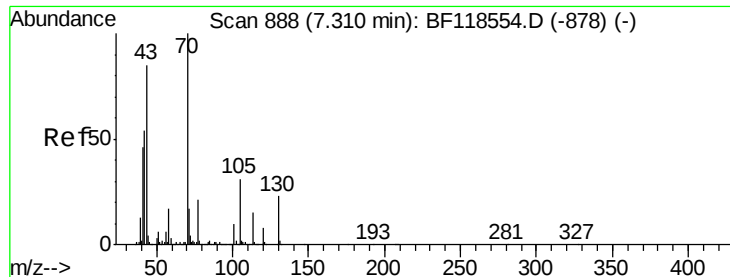
#18
Hexachloroethane
Concen: 40.864 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	76.9	115.3	
201	111.4	83.6	125.4	



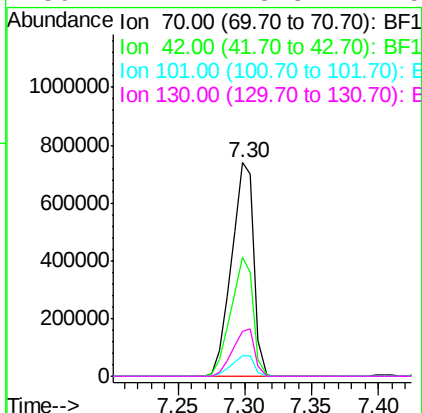
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 46.195 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.7	43.6	65.4		
101	9.7	7.7	11.5		
130	21.1	18.3	27.5		



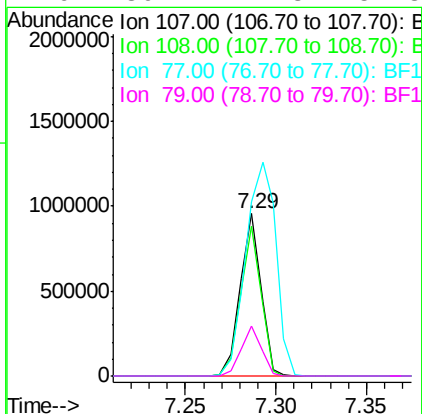
Instrument :
BNA_F
ClientSampleId :
PB126175BS

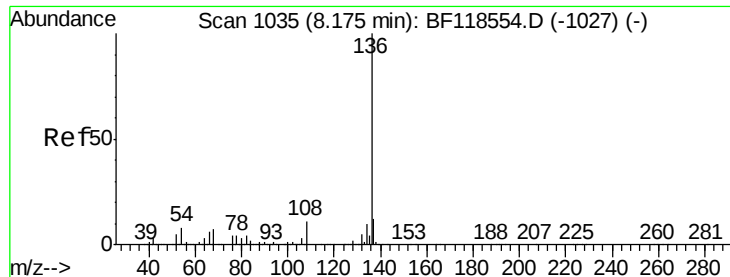
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#20
3+4-Methylphenols
Concen: 32.990 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.4	72.6	112.6		
77	107.1	63.0	103.0#		
79	30.7	11.3	51.3		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

Tot Ion:136 Resp: 1334179

Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

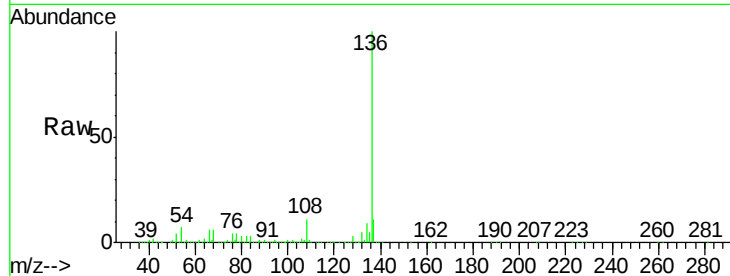
54 6.8 6.2 9.2

68 5.6 5.4 8.0

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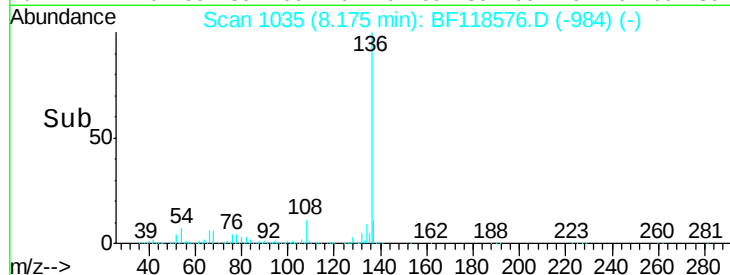


Abundance Ion 136.00 (135.70 to 136.70): E

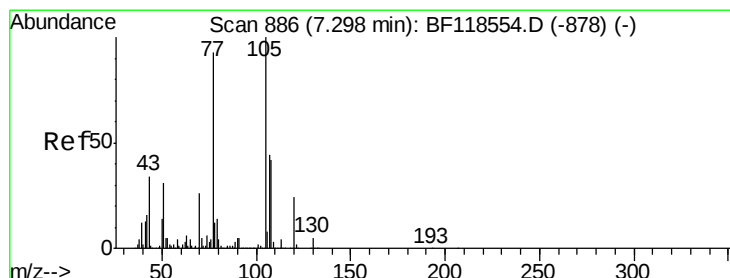
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 47.592 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Tgt Ion:105 Resp: 1540859

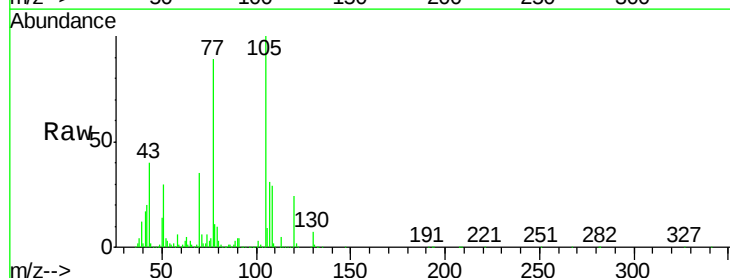
Ion Ratio Lower Upper

105 100

71 5.9 3.8 5.6#

51 29.9 24.9 37.3

120 23.8 19.2 28.8

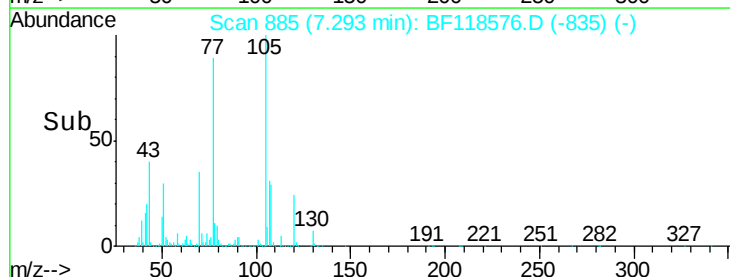


Abundance Ion 105.00 (104.70 to 105.70): E

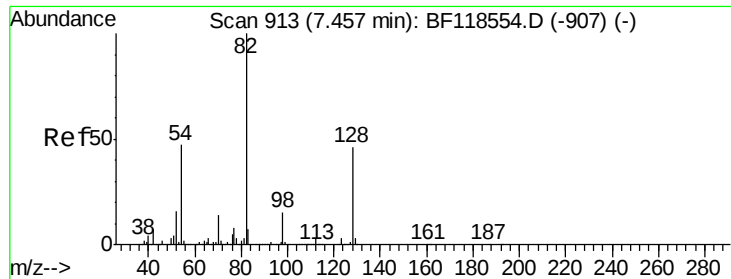
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->



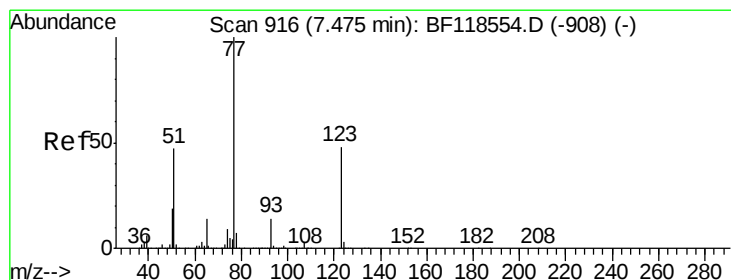
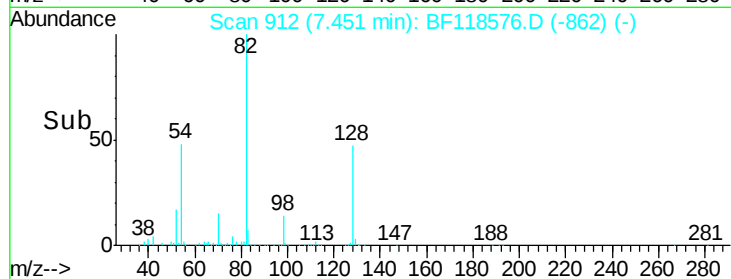
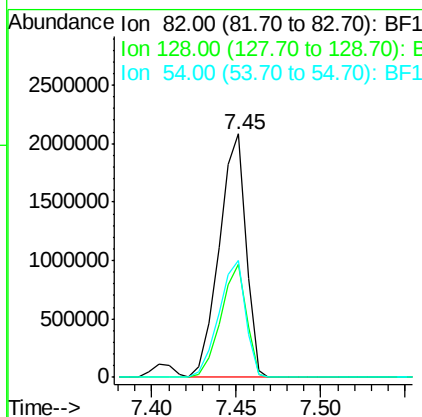
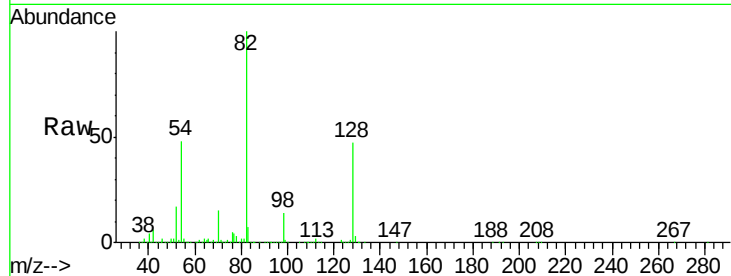
#23
 Nitrobenzene-d5
 Concen: 105.727 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126175BS

Tot Ion	82	Resp	2283926
Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.0	55.4
54	48.1	37.4	56.0

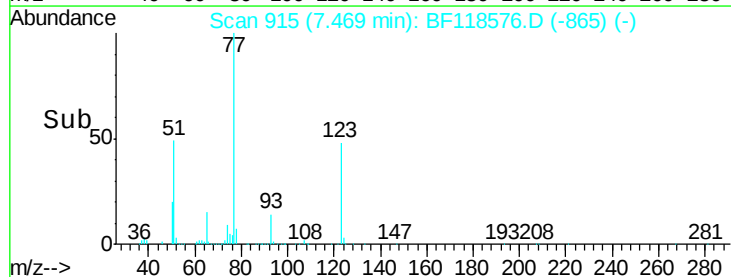
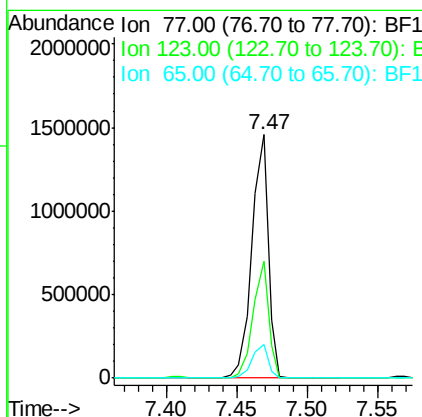
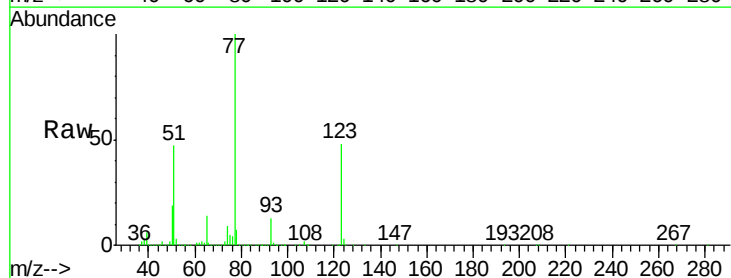
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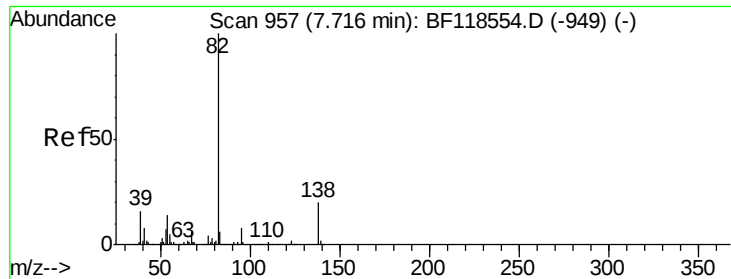
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#24
 Nitrobenzene
 Concen: 52.248 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Tgt Ion	77	Resp	1200274
Ion	Ratio	Lower	Upper
77	100		
123	47.9	38.2	57.2
65	13.8	11.1	16.7





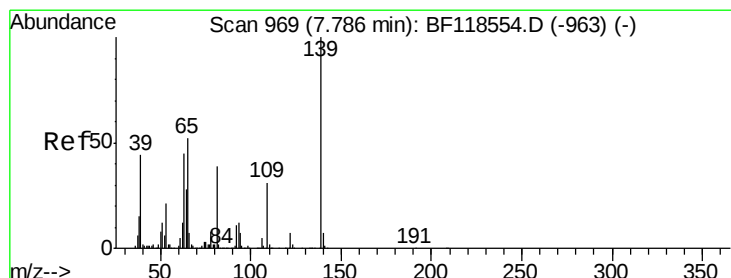
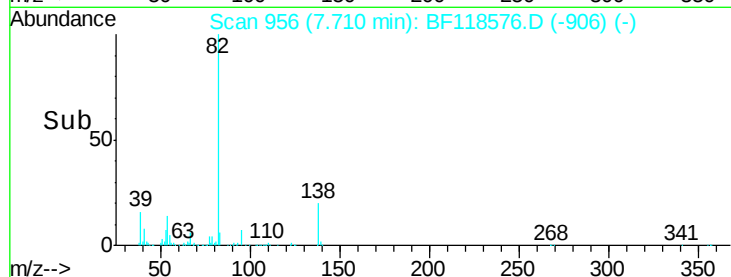
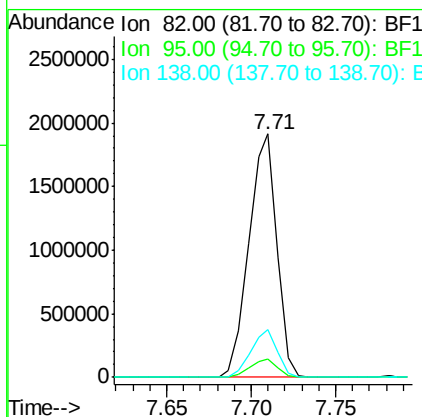
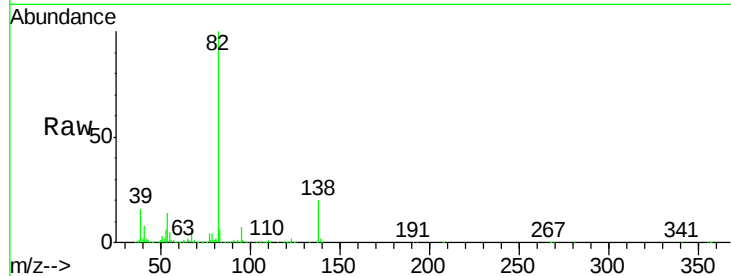
#25
Isophorone
Concen: 46.816 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tot Ion	82	Resp	2194895
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.0	9.0
138	19.5	15.8	23.8

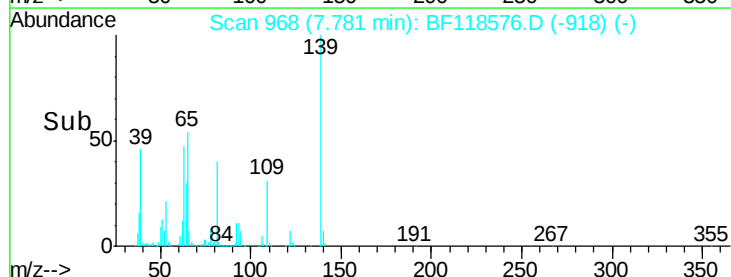
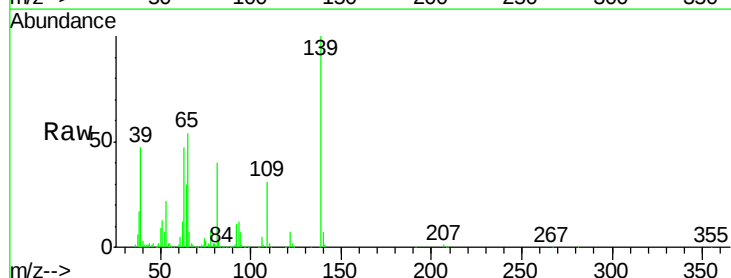
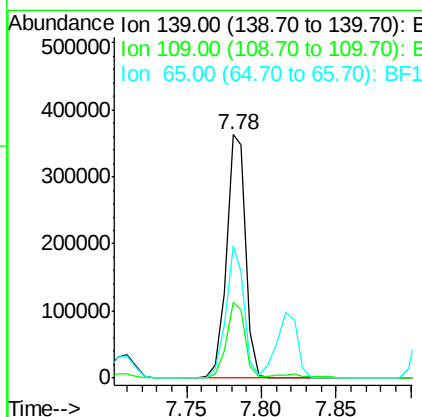
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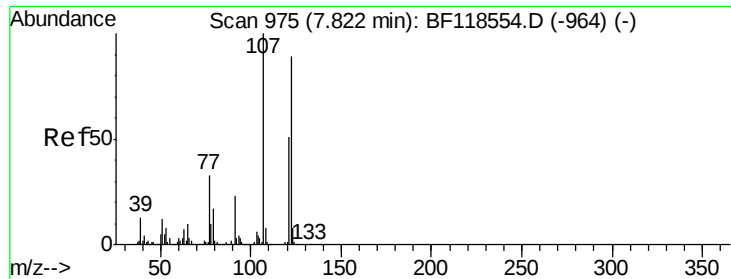
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#26
2-Nitrophenol
Concen: 35.184 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	139	Resp	330449
Ion Ratio	Lower	Upper	
139	100		
109	31.2	24.6	36.8
65	54.3	42.1	63.1





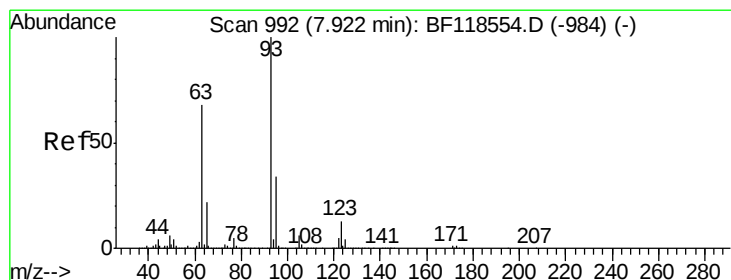
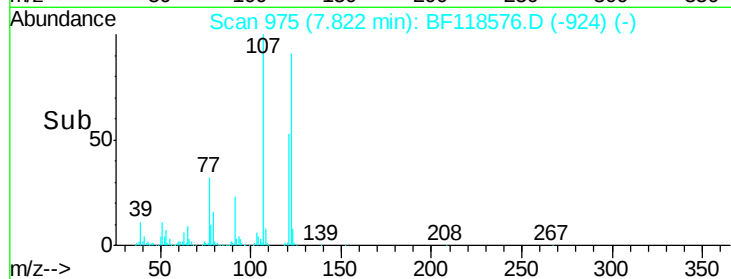
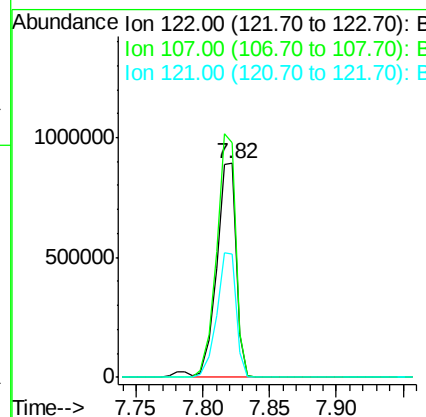
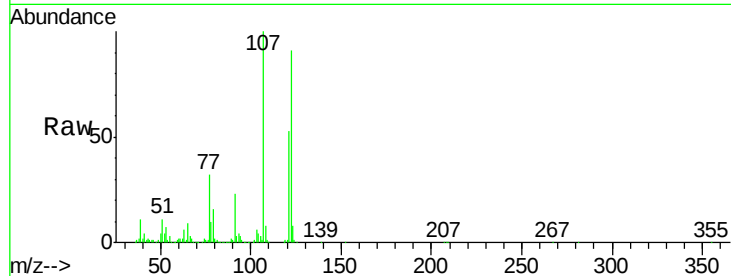
#27
2,4-Dimethylphenol
Concen: 49.088 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	109.9	89.6	134.4	
121	57.9	45.9	68.9	

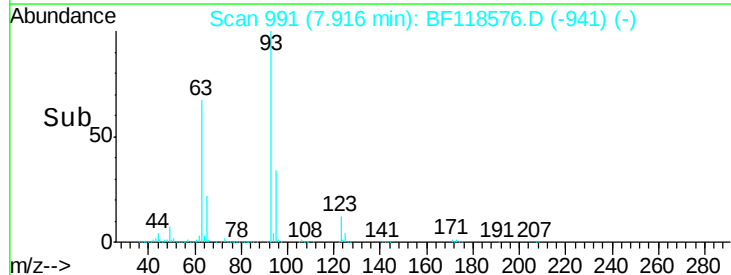
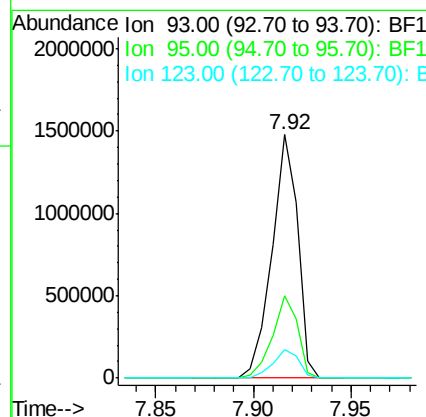
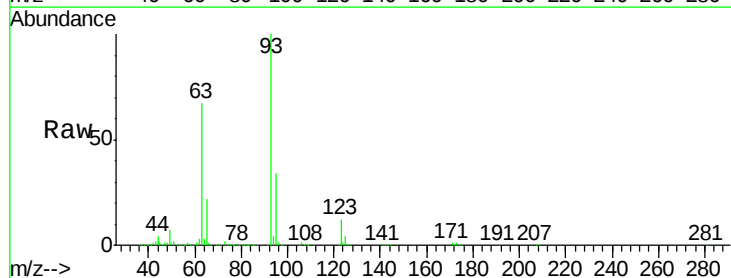
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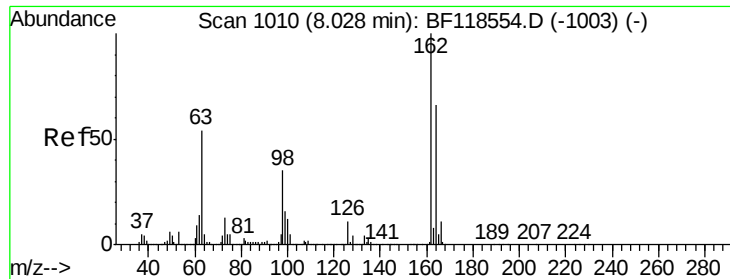
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.838 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.6	27.3	40.9	
123	11.9	10.2	15.4	





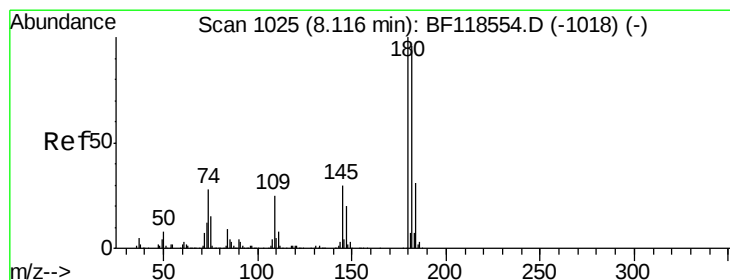
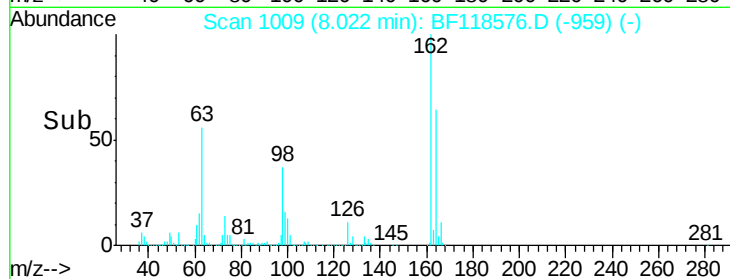
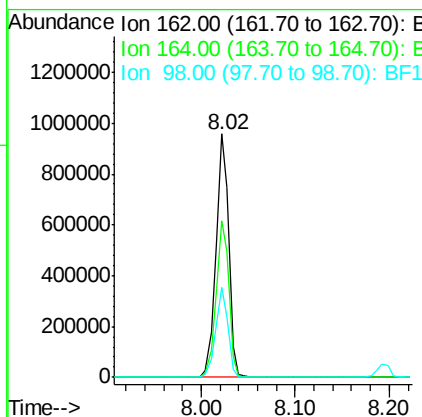
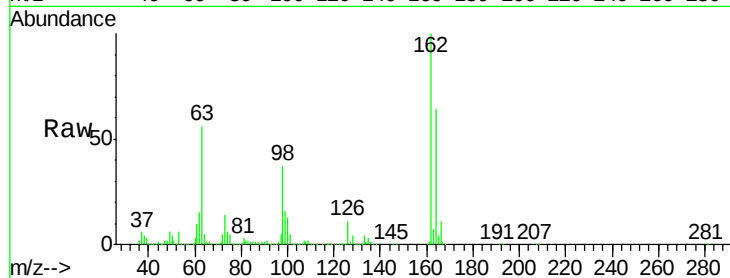
#29
 2,4-Dichlorophenol
 Concen: 44.865 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126175BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	920799		
164	64.5	45.6	85.6	
98	36.9	15.4	55.4	

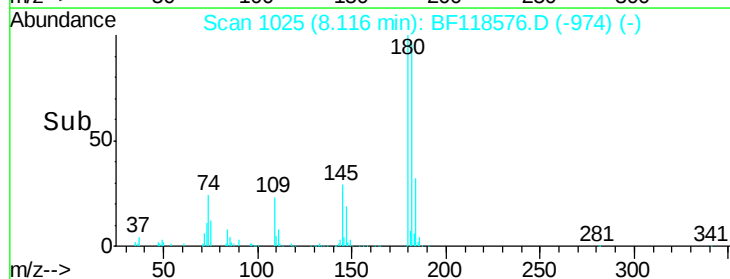
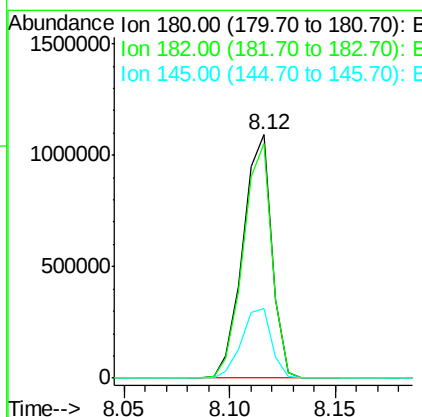
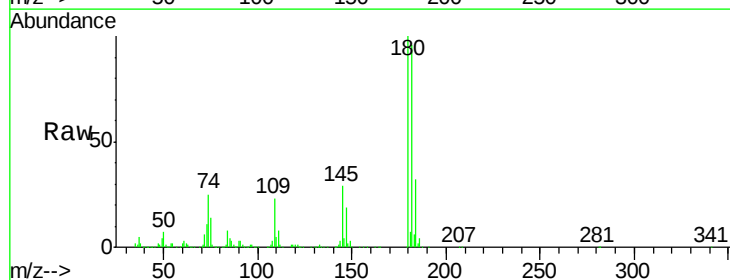
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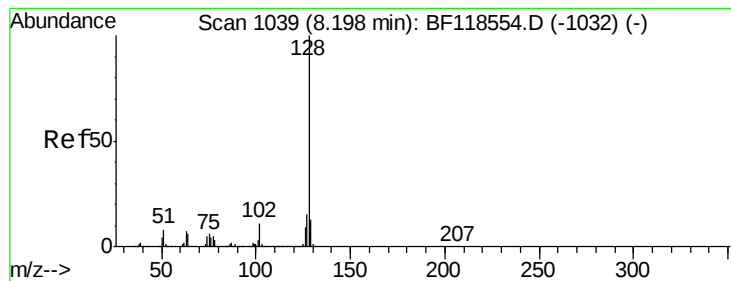
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.253 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1034535		
182	96.2	76.8	115.2	
145	28.6	24.2	36.2	





#31

Naphthalene

Concen: 47.540 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

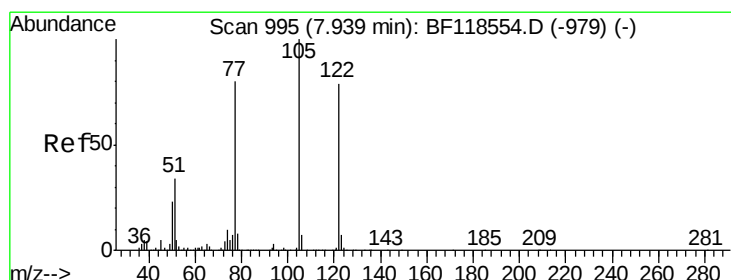
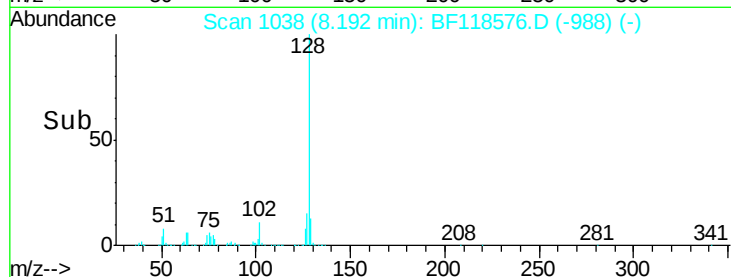
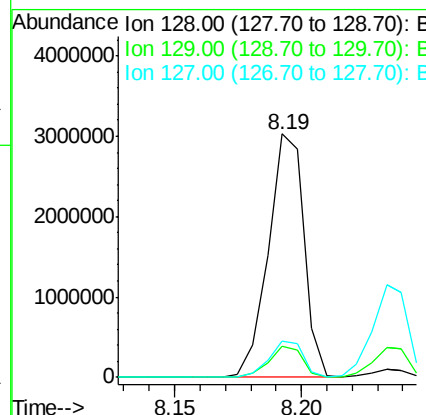
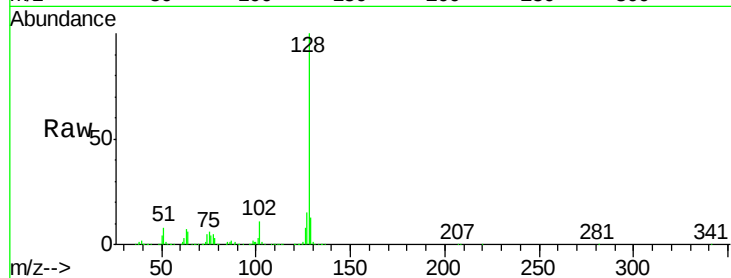
ClientSampleId :

PB126175BS

Tot Ion:	128	Resp:	2991189
Ion	Ratio	Lower	Upper
128	100		
129	12.7	10.3	15.5
127	14.8	12.1	18.1

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#32

Benzoic acid

Concen: 8.008 ng m

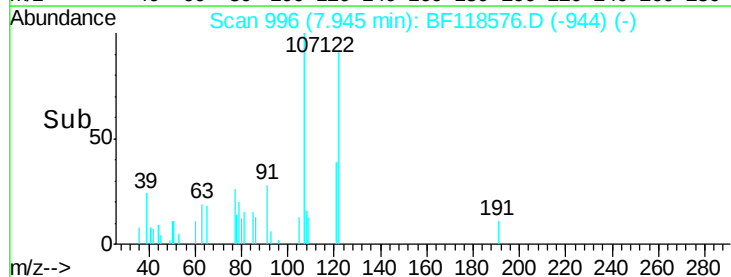
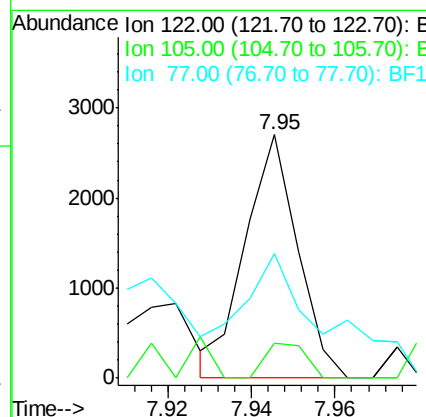
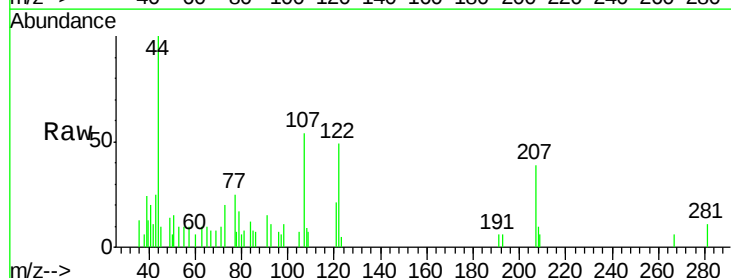
RT: 7.95 min Scan# 996

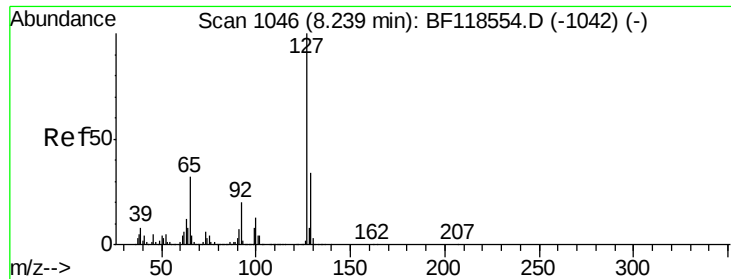
Delta R.T. 0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Tgt Ion:	122	Resp:	2357
Ion	Ratio	Lower	Upper
122	100		
105	14.4	105.0	145.0#
77	51.4	80.7	120.7#





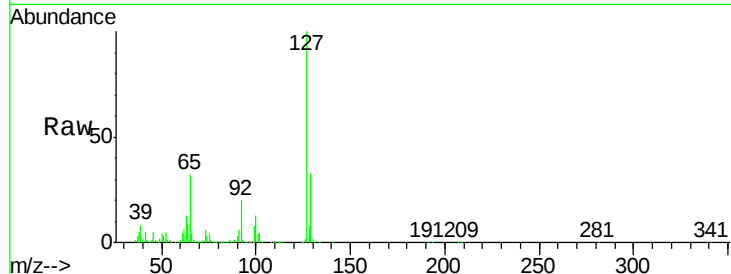
#33
4-Chloroaniline
Concen: 38.216 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

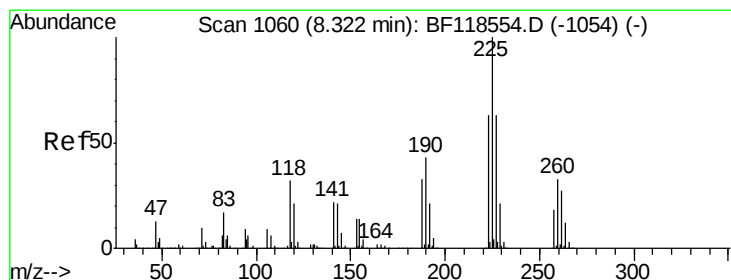
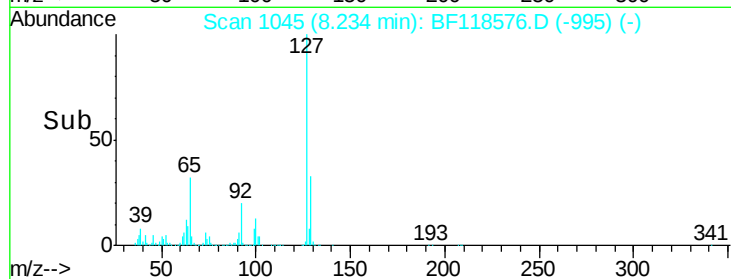
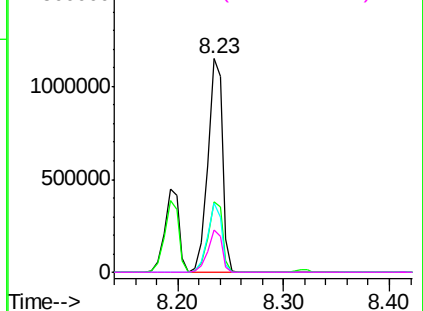
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		1117233		
129	32.9	27.0	40.4		
65	32.4	25.8	38.8		
92	19.6	15.8	23.8		

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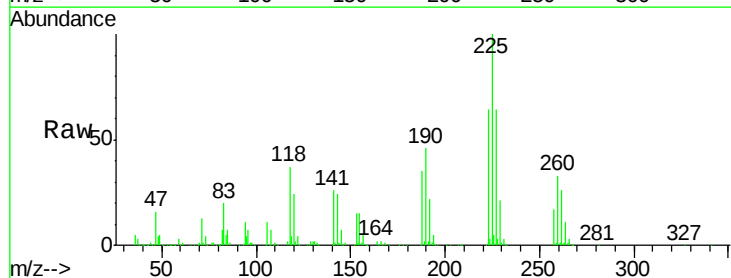


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

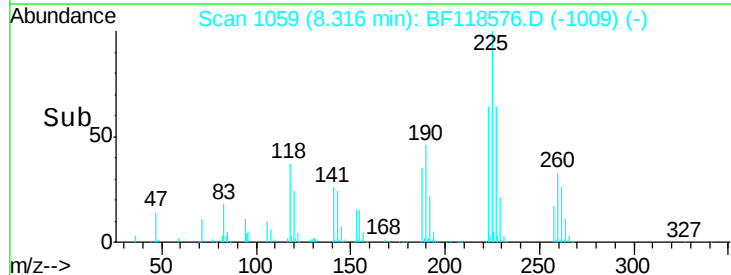
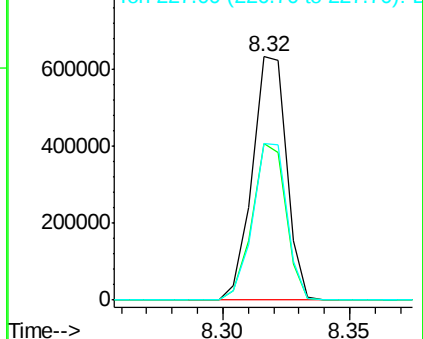


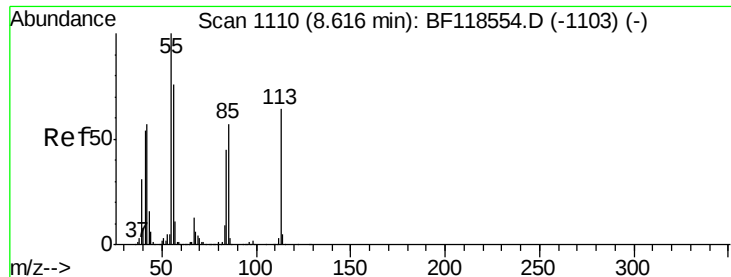
#34
Hexachlorobutadiene
Concen: 40.211 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		599904		
223	64.5	50.6	76.0		
227	64.1	50.4	75.6		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 5.258 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.04 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

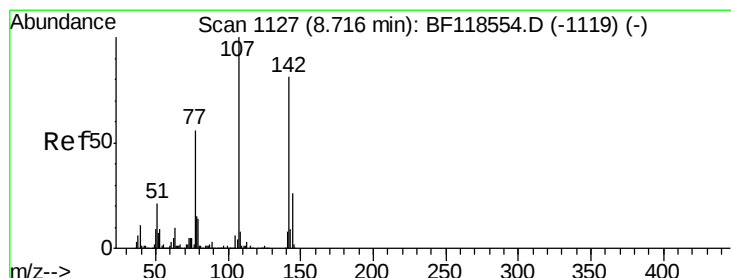
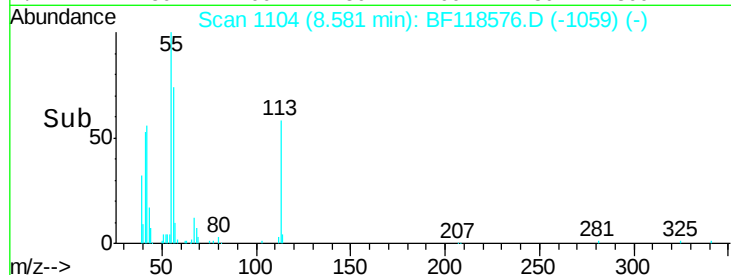
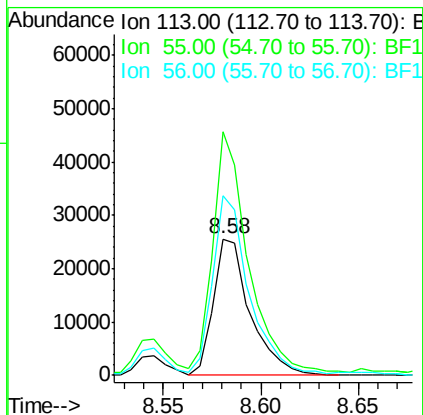
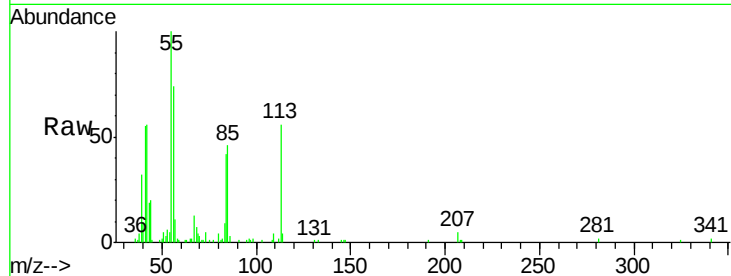
ClientSampleId :

PB126175BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.2	137.3	177.3#
56	131.2	99.7	139.7

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#36

4-Chloro-3-methylphenol

Concen: 43.525 ng

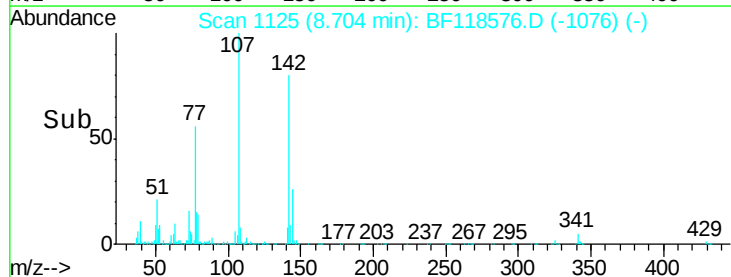
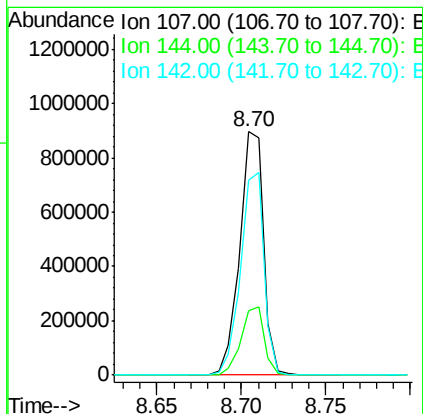
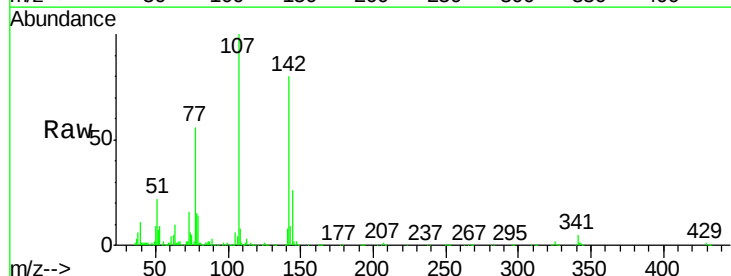
RT: 8.70 min Scan# 1125

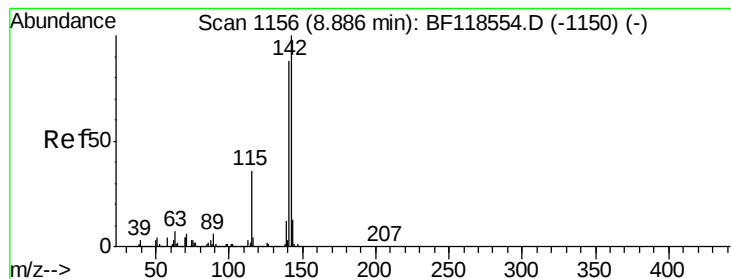
Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.2	31.8
142	80.1	64.4	96.6





#37

2-Methylnaphthalene

Concen: 48.291 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

Tot Ion:142 Resp: 2152599

Ion Ratio Lower Upper

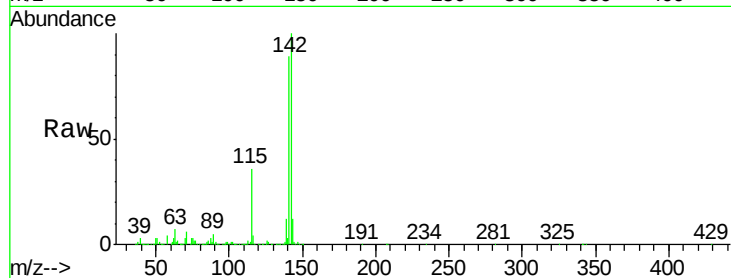
142 100

141 89.0 70.6 106.0

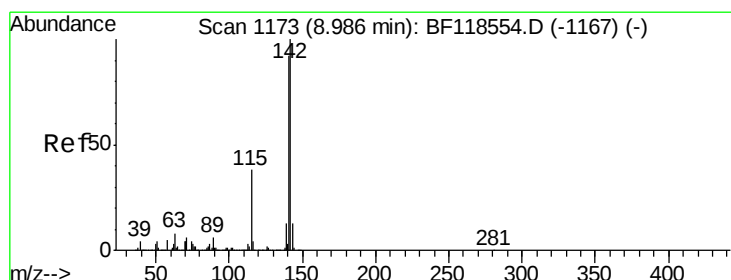
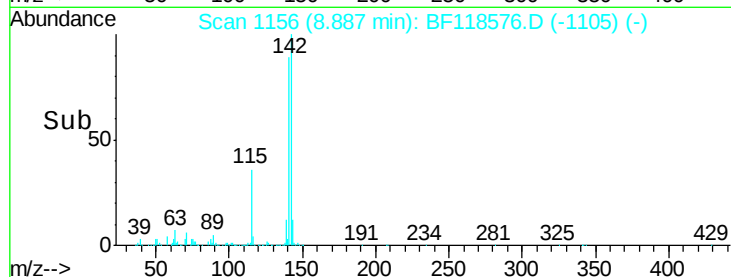
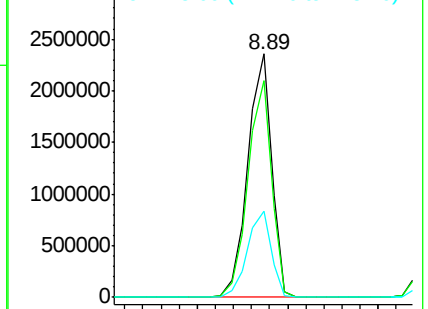
115 35.6 29.0 43.4

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.570 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

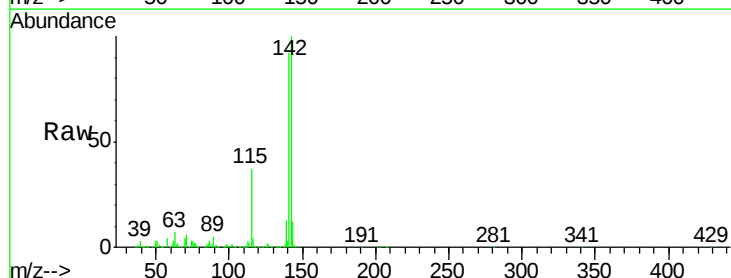
Tgt Ion:142 Resp: 2048243

Ion Ratio Lower Upper

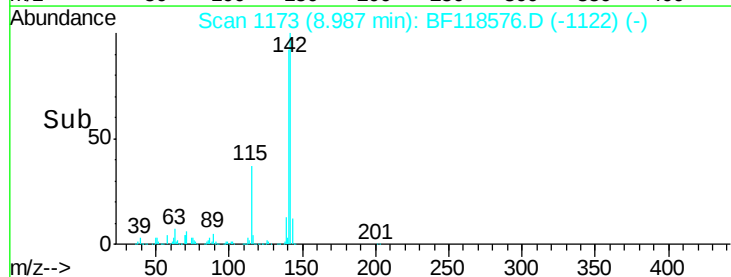
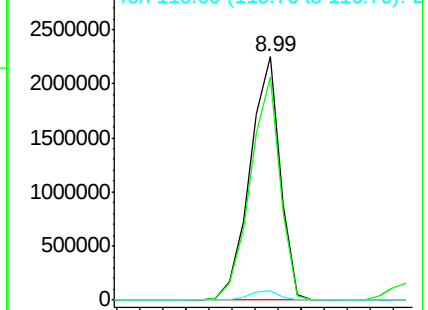
142 100

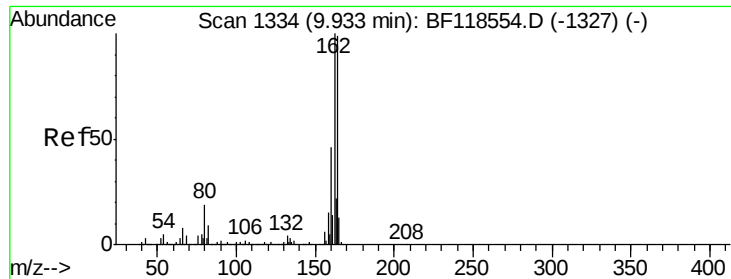
141 91.7 73.8 110.6

116 3.8 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





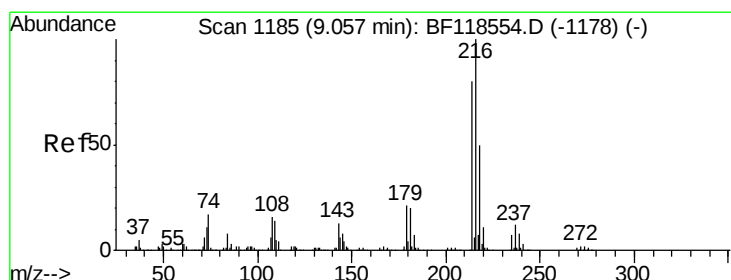
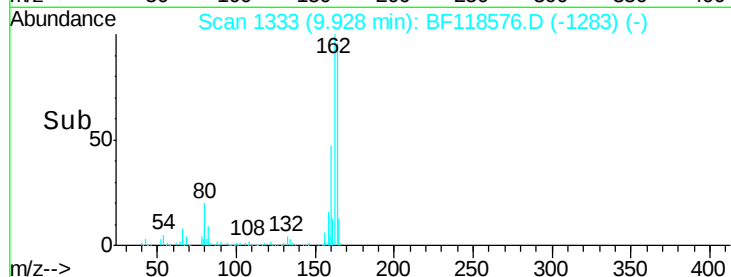
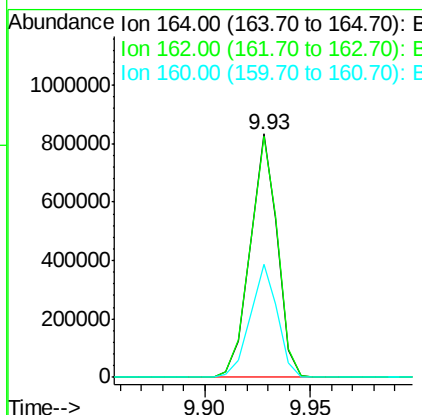
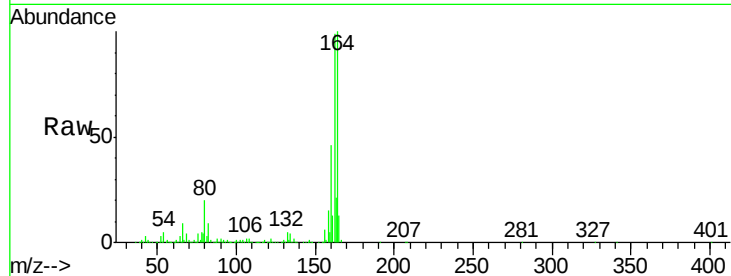
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.6	120.8
160	46.3	36.7	55.1

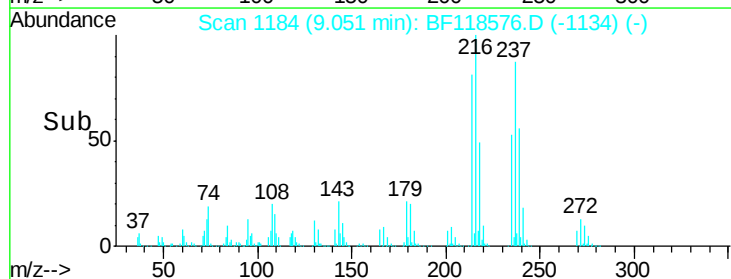
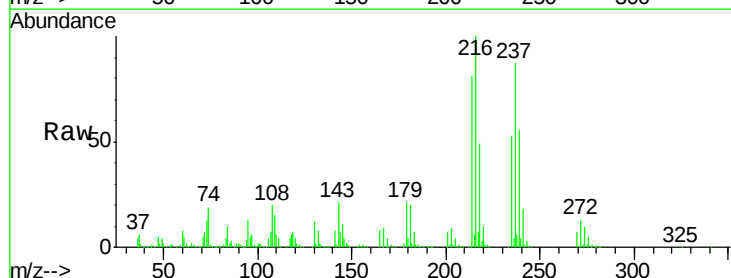
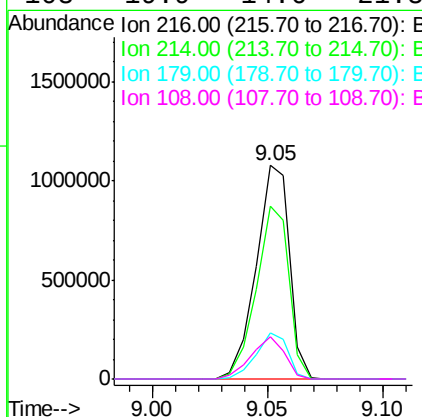
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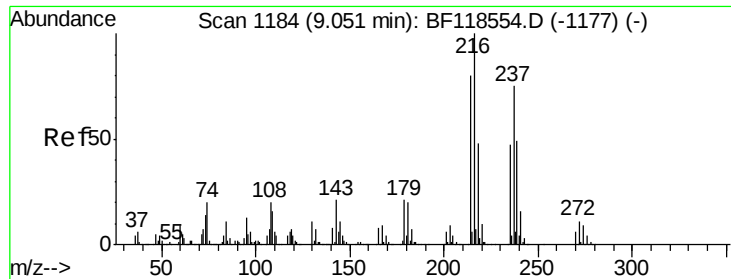
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.512 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.6	95.4
179	20.4	16.5	24.7
108	19.9	14.6	21.8





#41

Hexachlorocyclopentadiene

Concen: 99.566 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

Tot Ion:237 Resp: 1241449

Ion Ratio Lower Upper

237 100

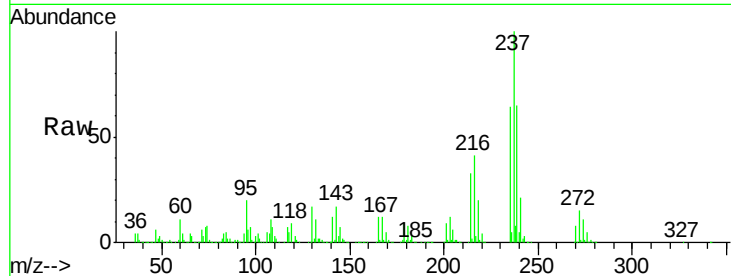
235 63.7 42.1 82.1

272 14.5 0.0 34.3

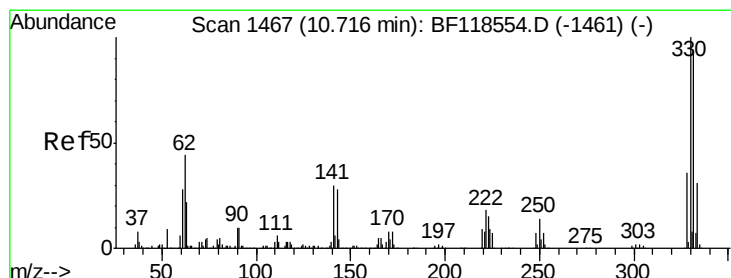
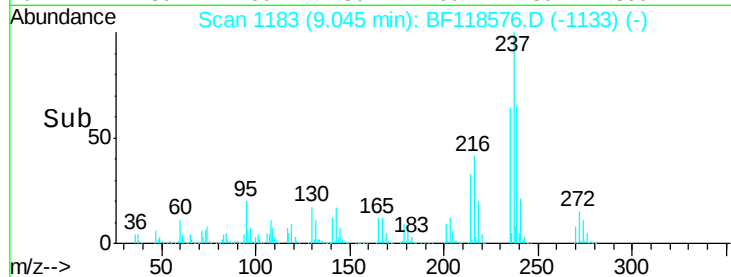
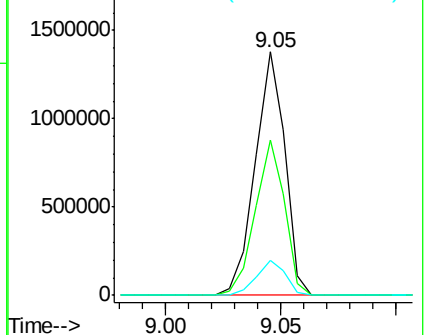
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 60.160 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

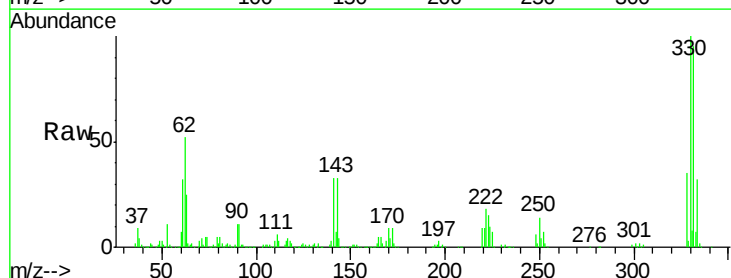
Tgt Ion:330 Resp: 492059

Ion Ratio Lower Upper

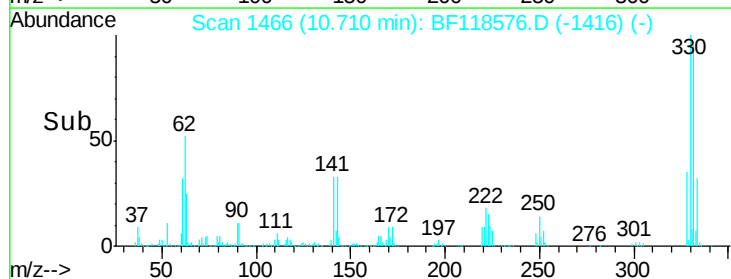
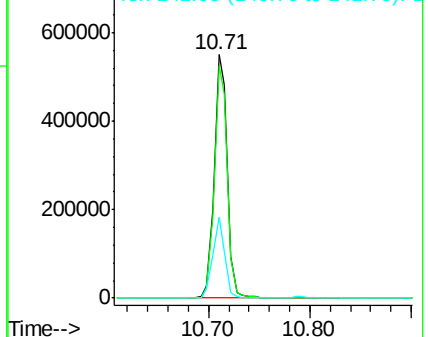
330 100

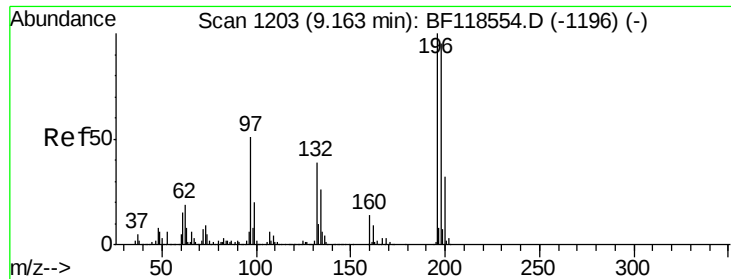
332 95.2 76.4 114.6

141 31.0 23.4 35.2



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





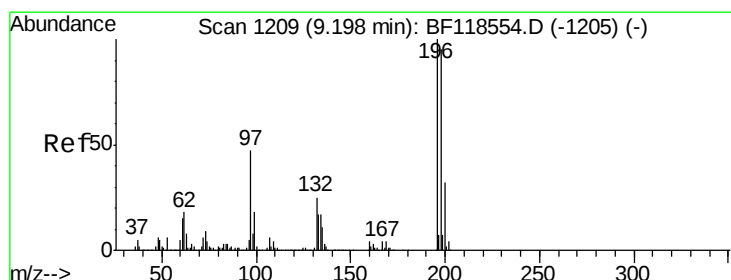
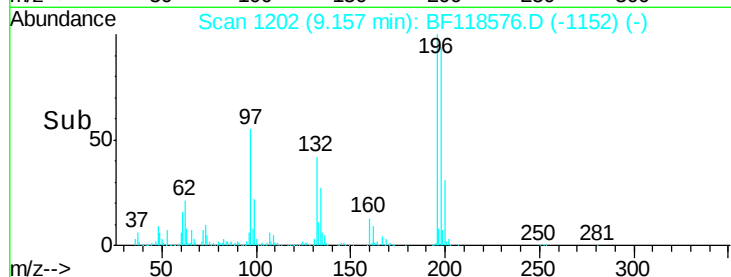
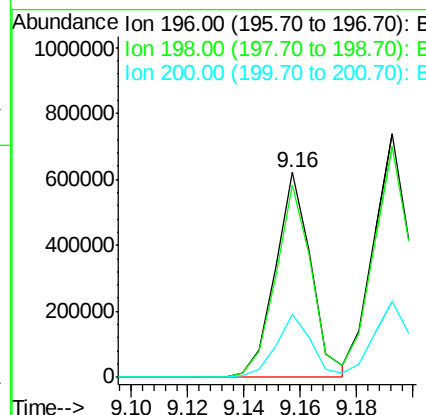
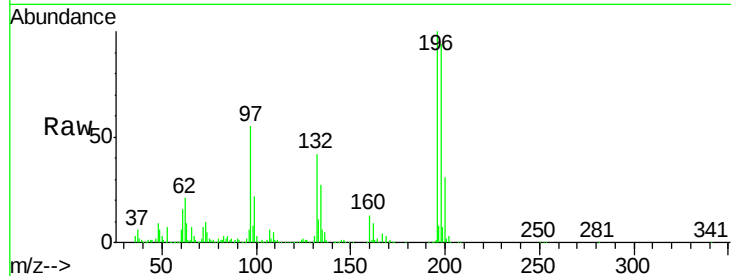
#43
2,4,6-Trichlorophenol
Concen: 35.726 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	543211		
198	94.2	76.0	114.0	
200	30.6	25.4	38.0	

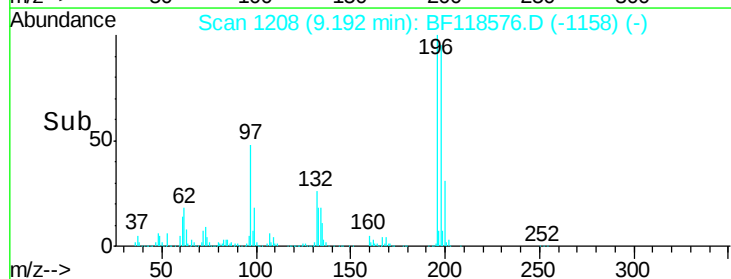
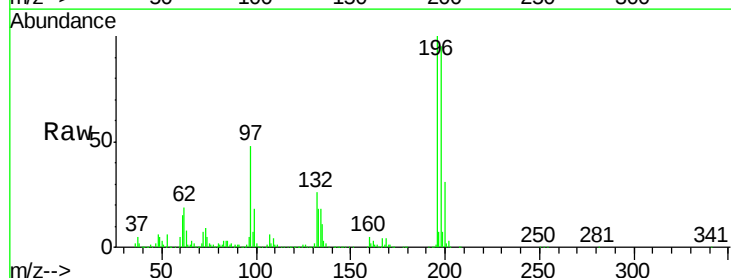
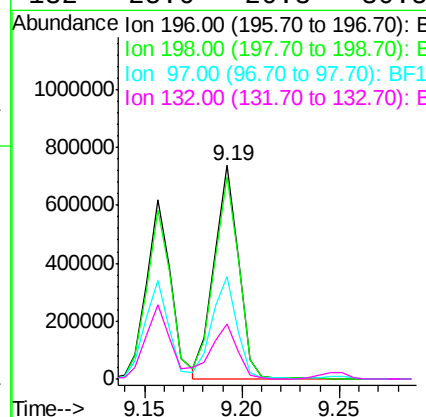
Manual Integrations
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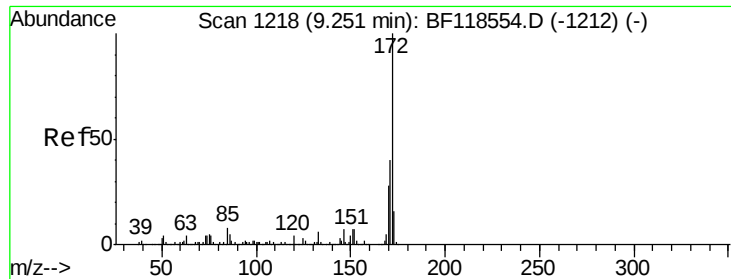
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 41.821 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	642892		
198	94.9	76.2	114.4	
97	48.0	37.4	56.2	
132	25.6	20.3	30.5	





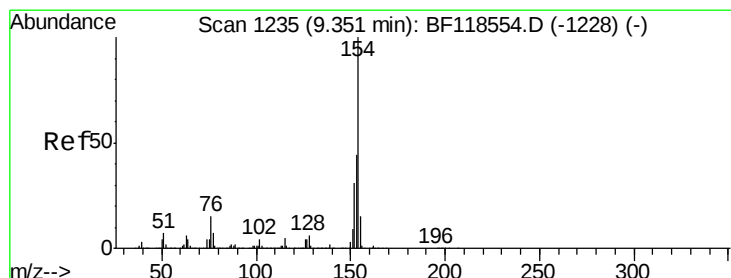
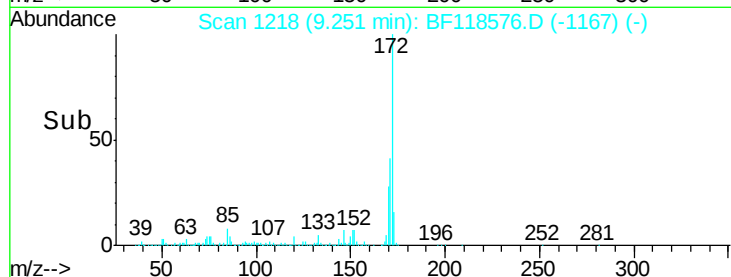
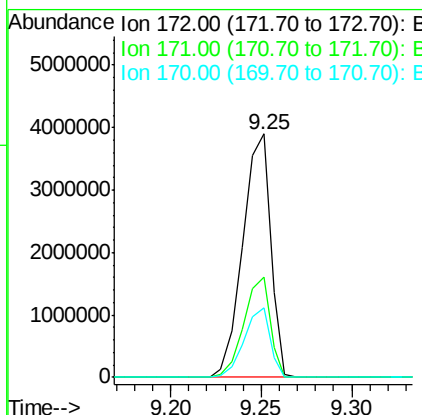
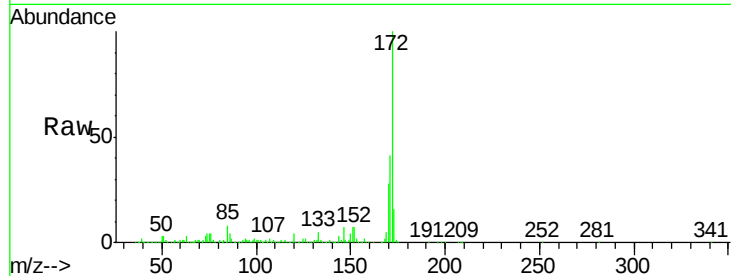
#45
2-Fluorobiphenyl
Concen: 101.611 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.2	32.4	48.6
170	28.4	22.5	33.7

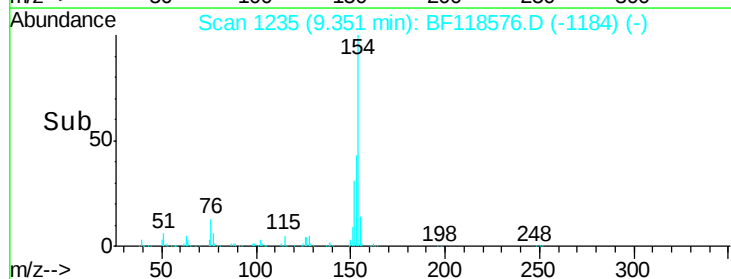
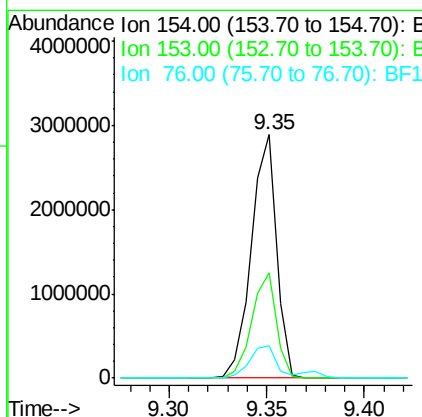
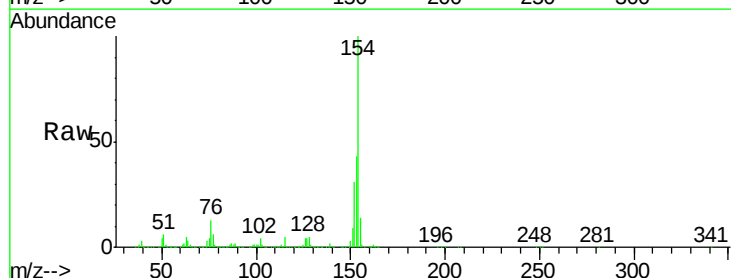
Manual Integrations
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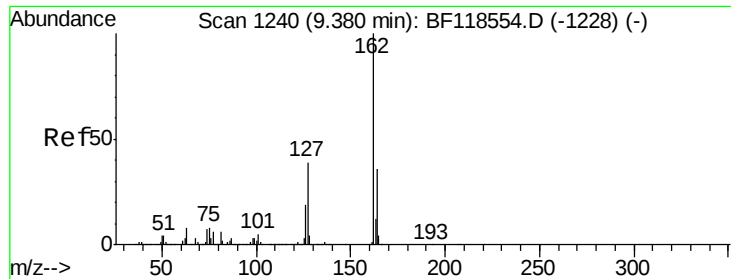
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#46
1,1'-Biphenyl
Concen: 48.842 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.7	63.7
76	13.4	0.0	35.2





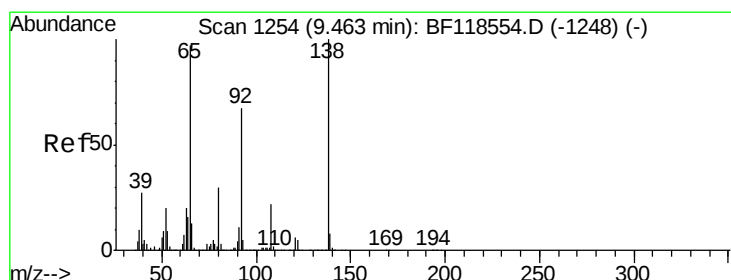
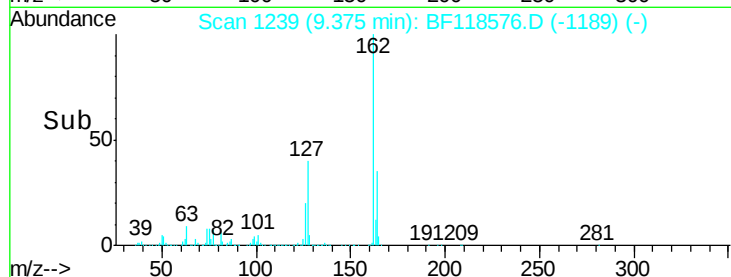
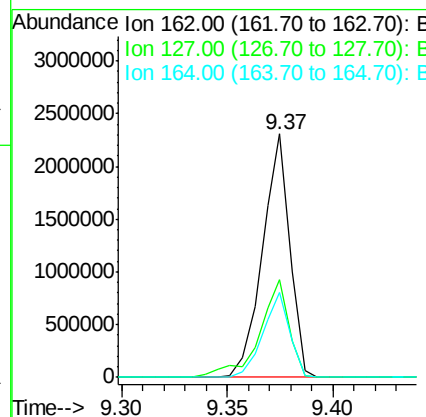
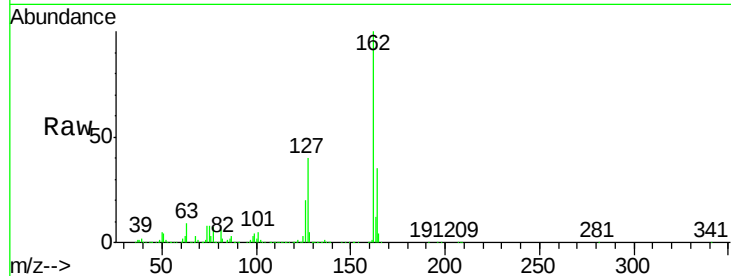
#47
2-Chloronaphthalene
Concen: 46.614 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.0	46.4
164	35.1	28.6	42.8

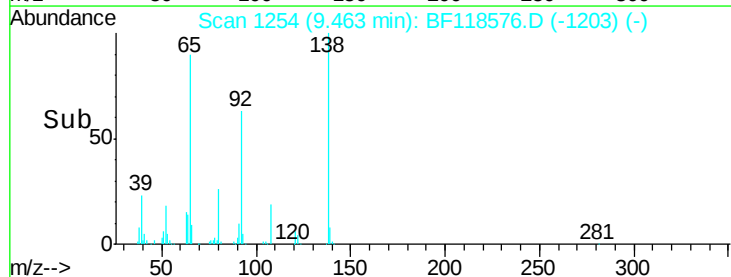
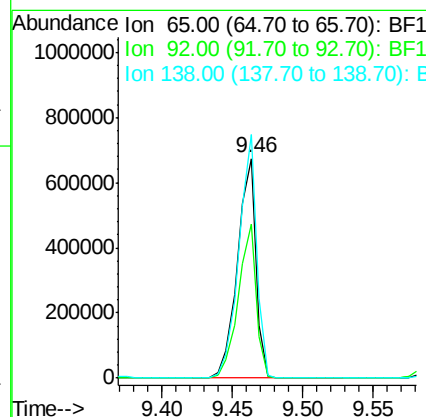
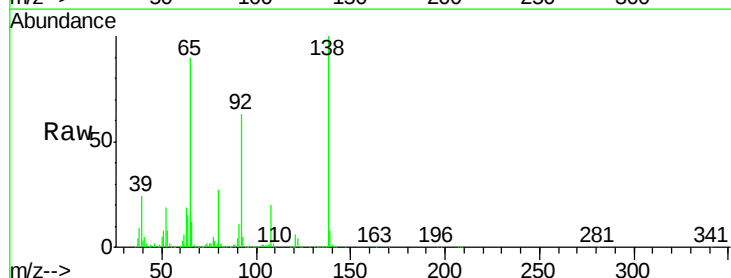
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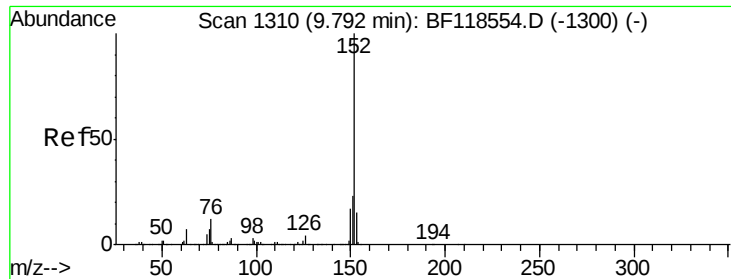
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#48
2-Nitroaniline
Concen: 52.954 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	55.3	82.9
138	110.8	82.9	124.3





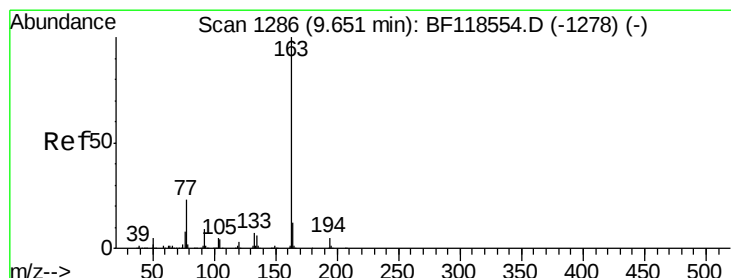
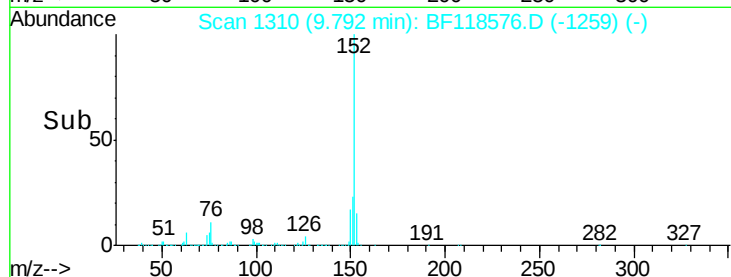
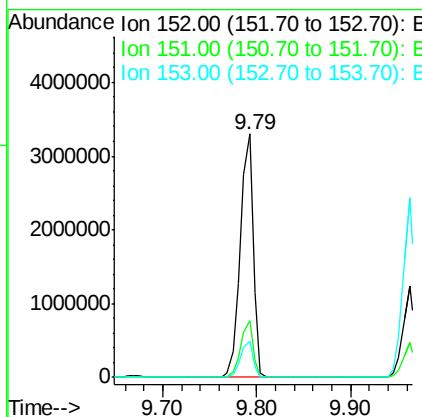
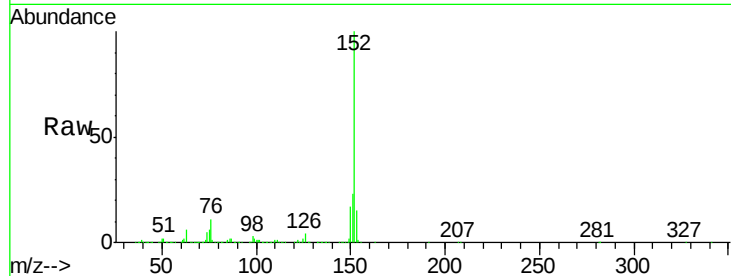
#49
Acenaphthylene
Concen: 50.307 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.3	18.6	27.8
153	14.9	12.3	18.5

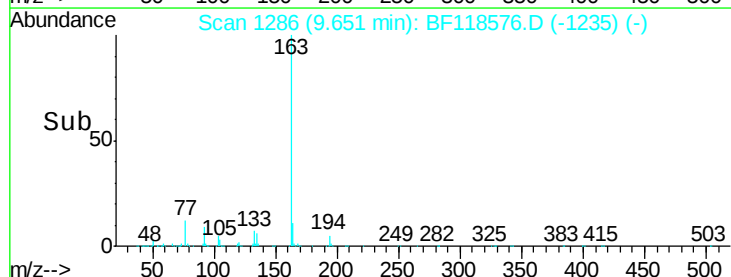
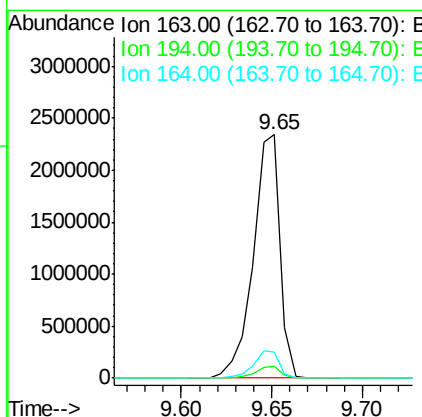
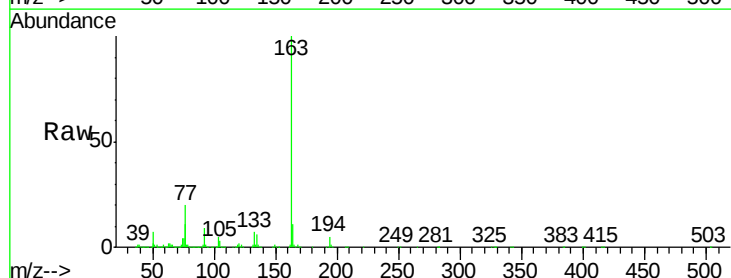
Manual Integrations
APPROVED

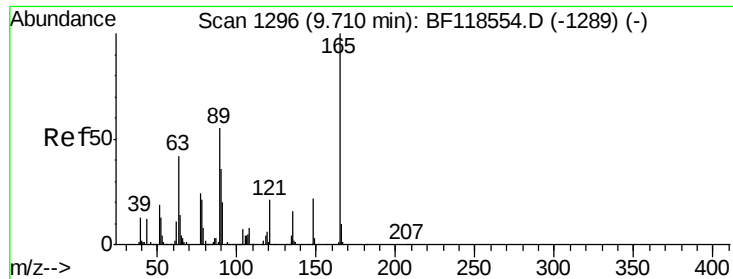
mohammad
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#50
Dimethylphthalate
Concen: 47.083 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.8	5.8
164	10.8	9.3	13.9





#51

2,6-Dinitrotoluene

Concen: 56.609 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

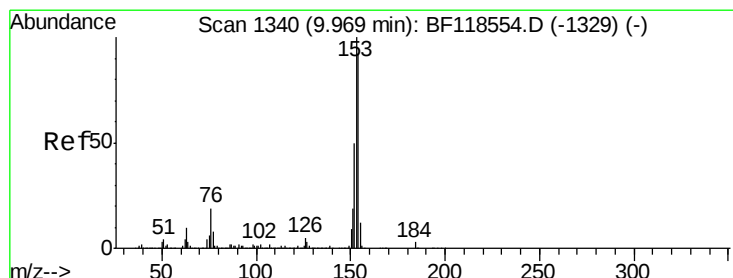
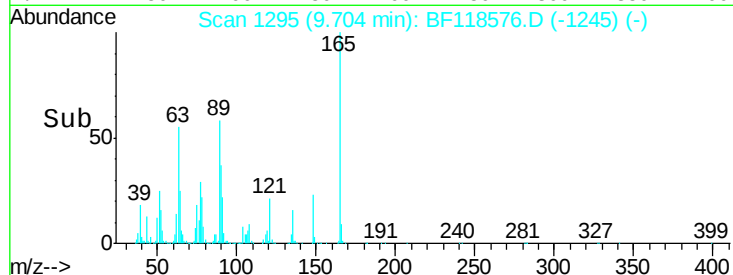
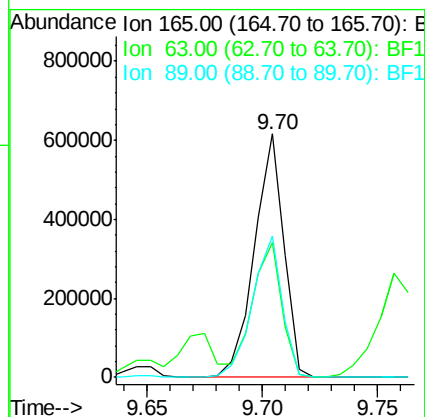
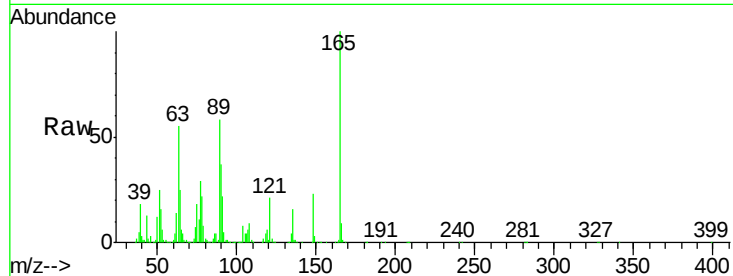
ClientSampleId :

PB126175BS

Tot Ion:	165	Resp:	548690
Ion Ratio	Lower	Upper	
165	100		
63	55.3	41.9	62.9
89	57.8	44.0	66.0

Manual Integrations
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#52

Acenaphthene

Concen: 46.455 ng

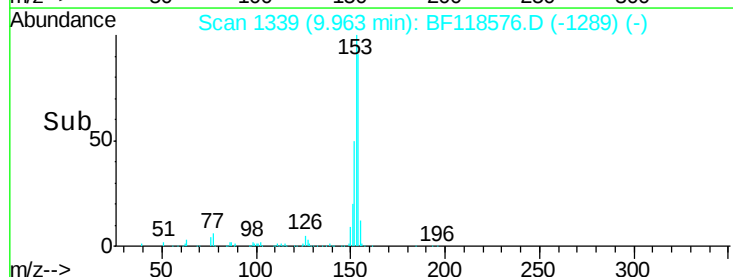
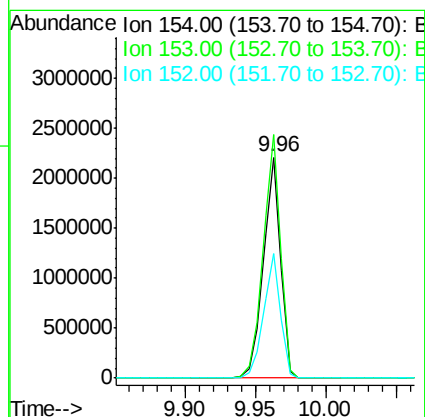
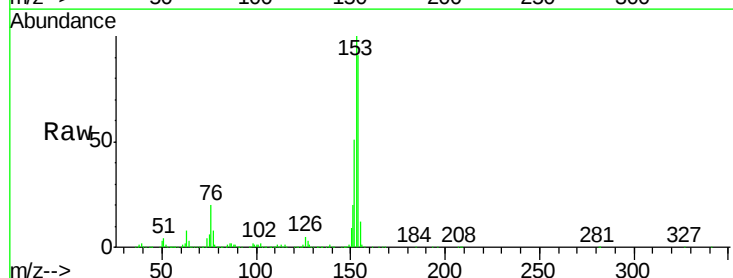
RT: 9.96 min Scan# 1339

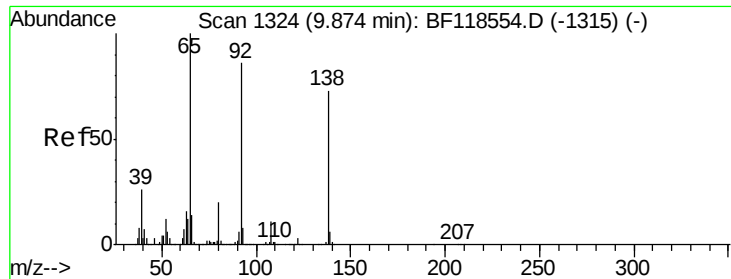
Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Tgt Ion:	154	Resp:	1914690
Ion Ratio	Lower	Upper	
154	100		
153	110.2	87.0	130.4
152	56.3	43.8	65.8





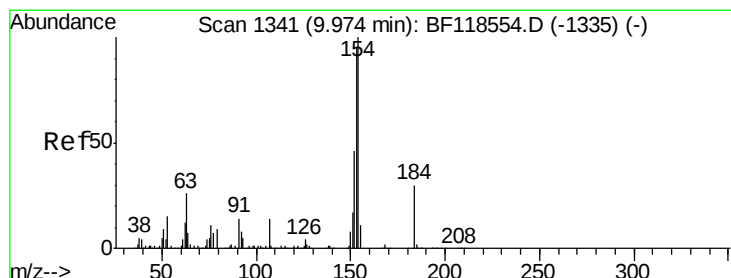
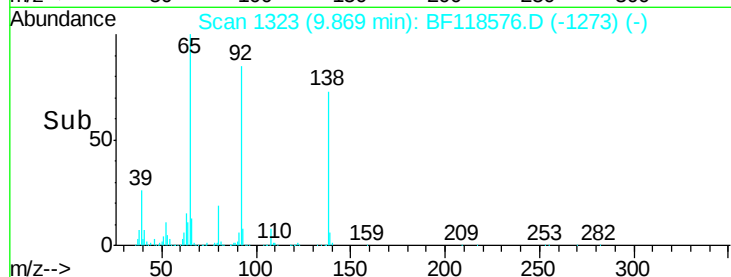
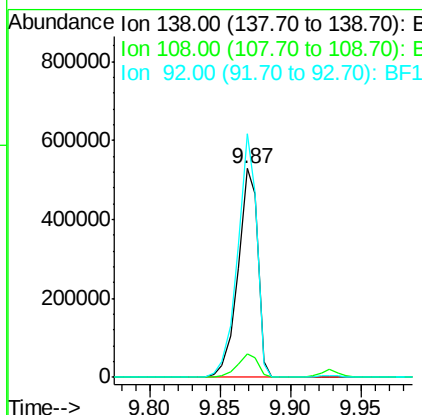
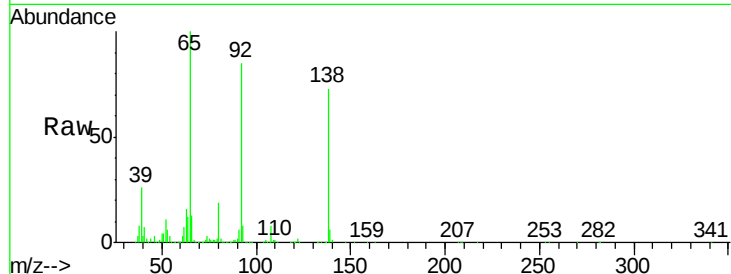
#53
3-Nitroaniline
Concen: 46.860 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	12.2	18.4#
92	116.6	94.2	141.2

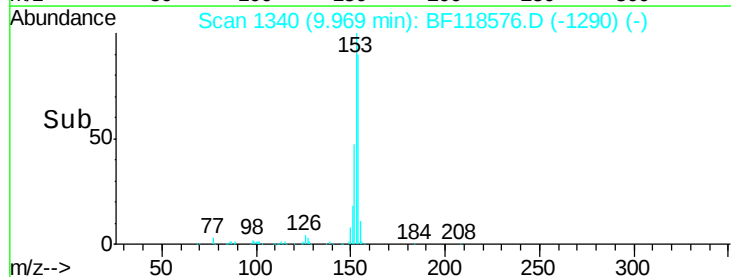
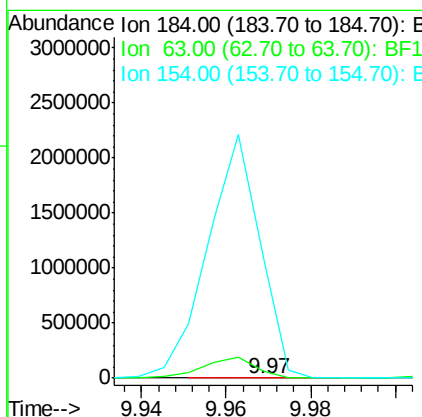
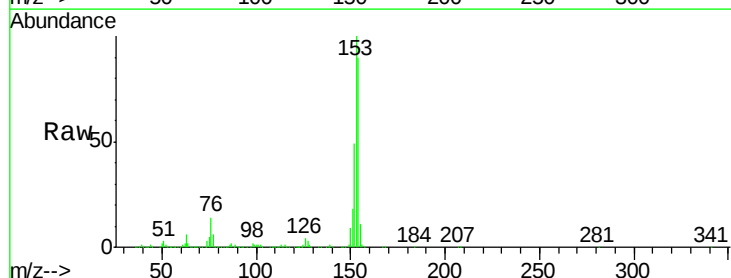
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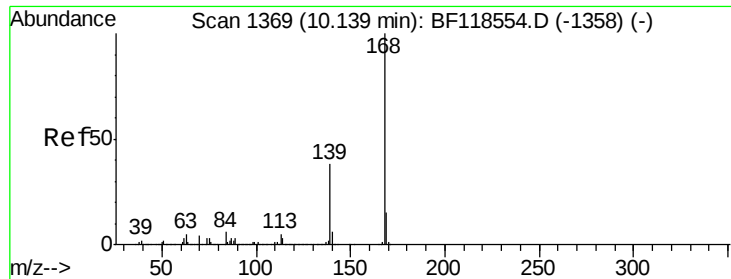
mohammad
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#54
2,4-Dinitrophenol
Concen: 10.716 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	8762.3	69.4	104.0#
154	140867.0	268.5	402.7#





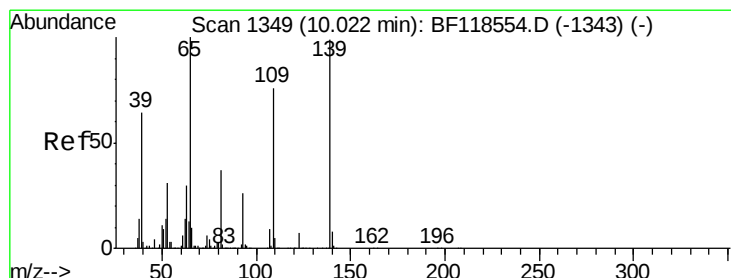
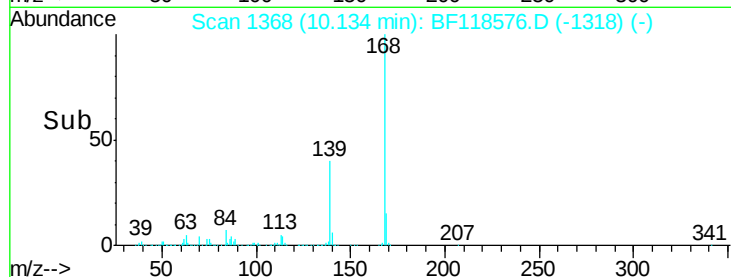
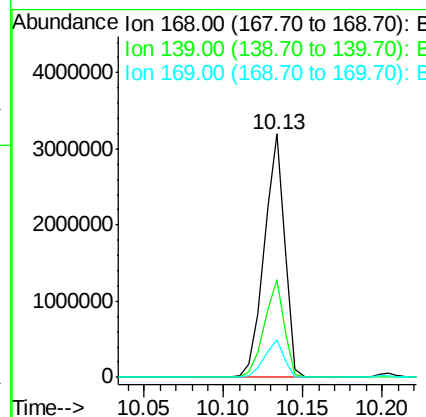
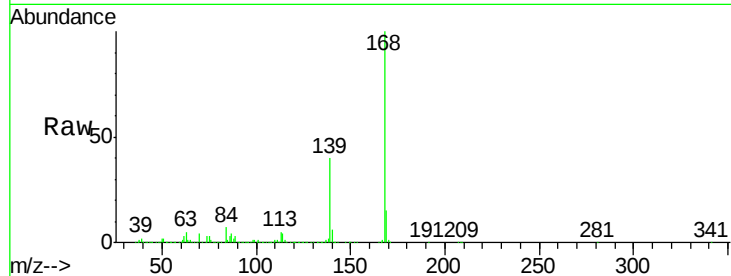
#55
Dibenzofuran
Concen: 49.465 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.6	46.0
169	15.5	11.9	17.9

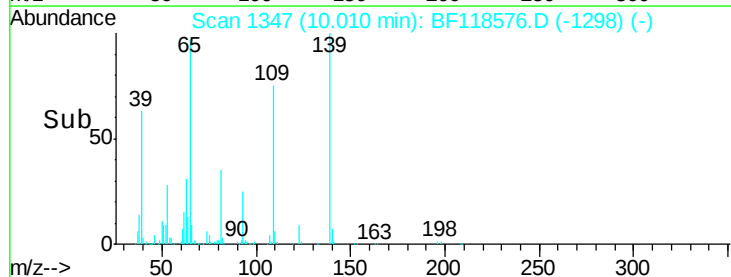
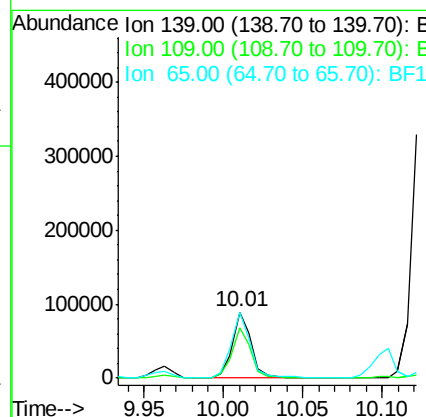
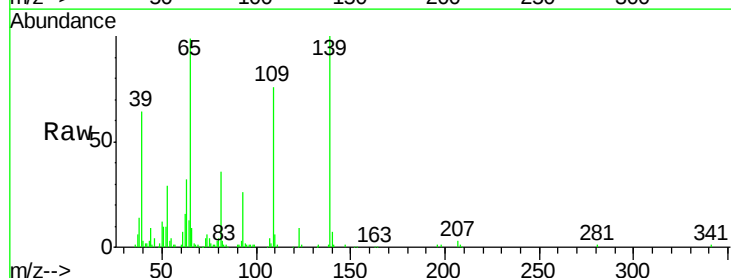
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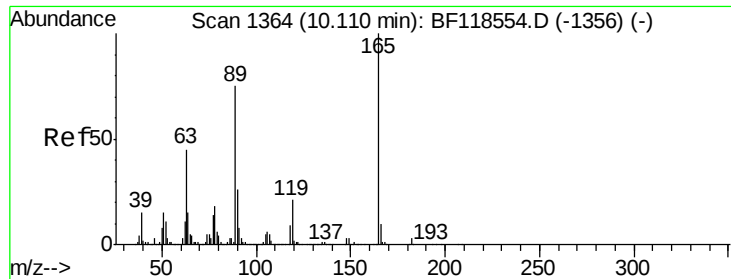
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#56
4-Nitrophenol
Concen: 9.178 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.0	56.9	96.9
65	98.9	81.7	121.7





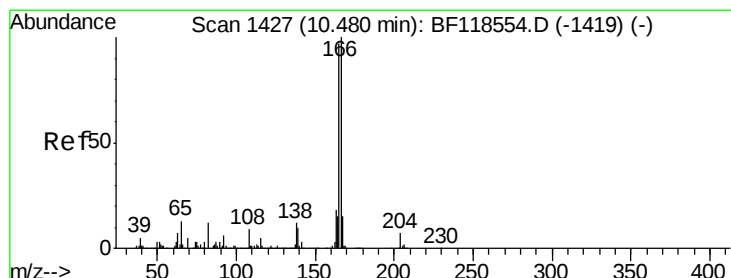
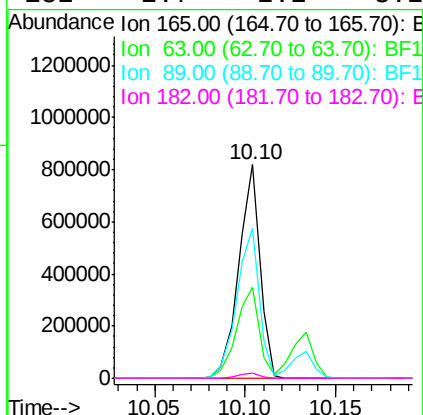
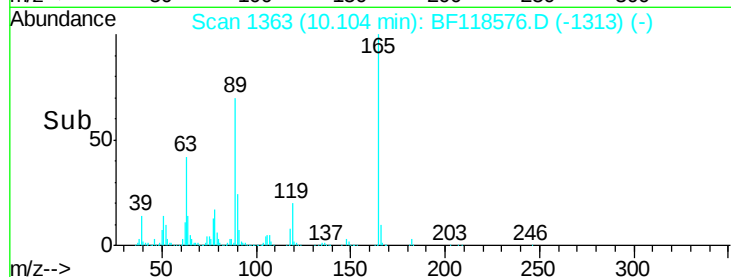
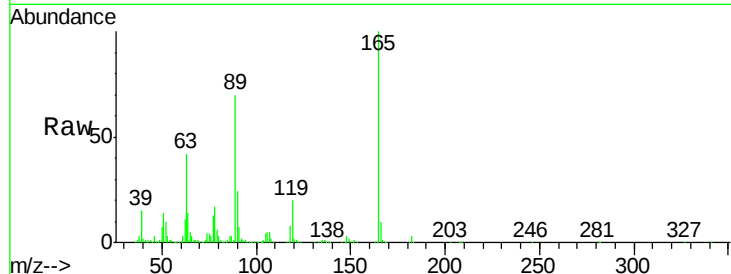
#57
2,4-Dinitrotoluene
Concen: 51.744 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	666658		
63	42.4		35.8	53.6
89	70.4		59.9	89.9
182	2.7		2.2	3.2

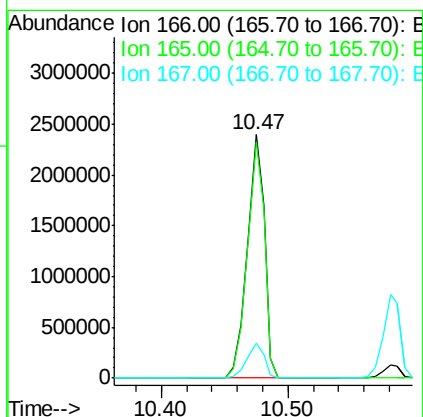
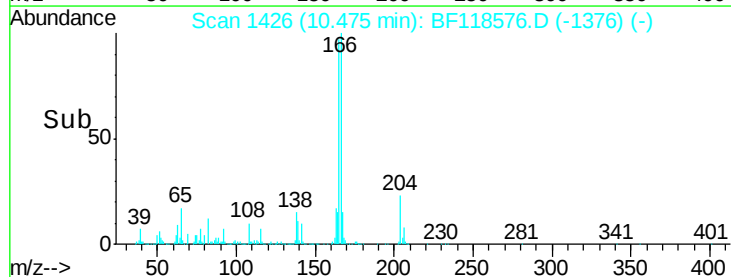
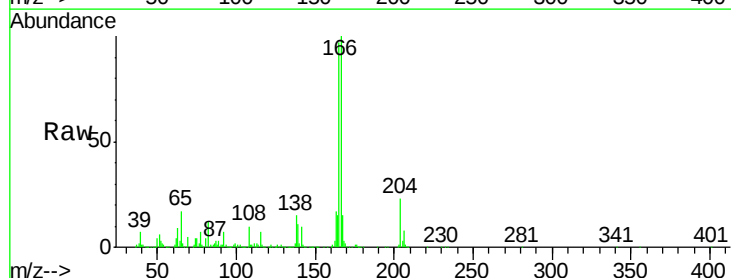
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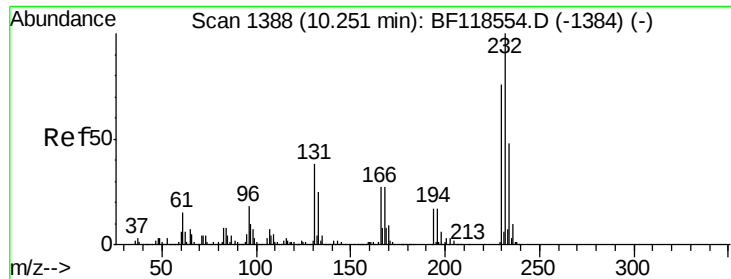
mohammad
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#58
Fluorene
Concen: 49.734 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2246330		
165	97.0		77.8	116.8
167	14.6		11.7	17.5





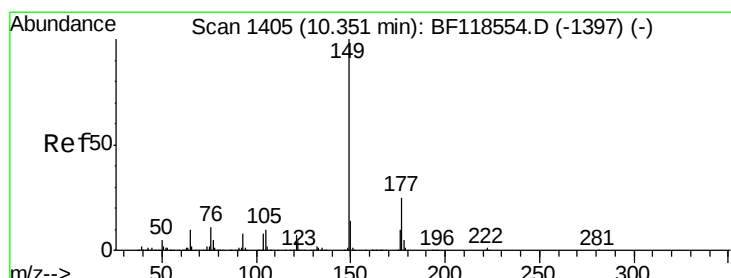
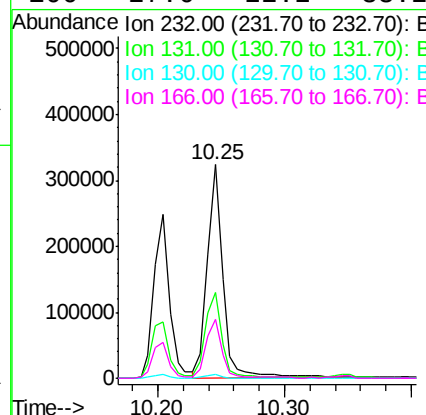
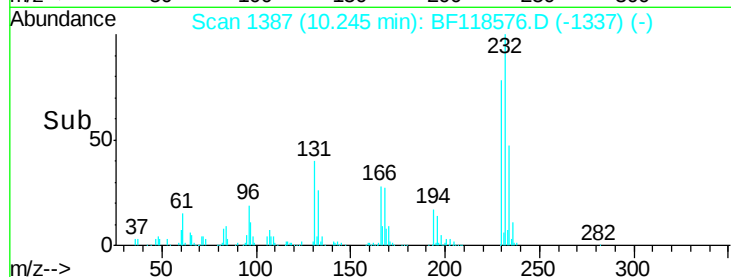
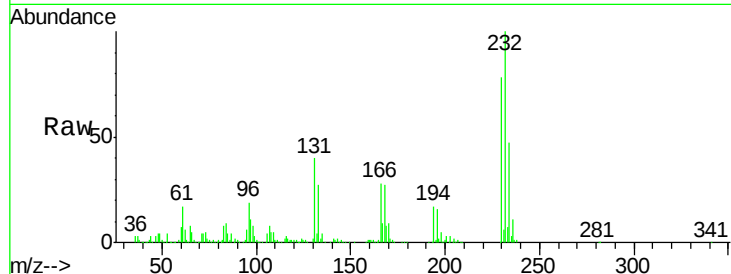
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.818 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.0	32.3	48.5
130	2.3	1.7	2.5
166	27.6	22.2	33.2

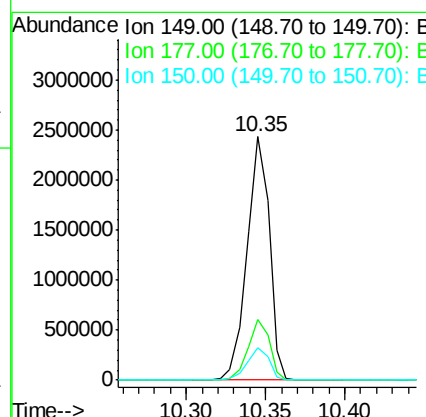
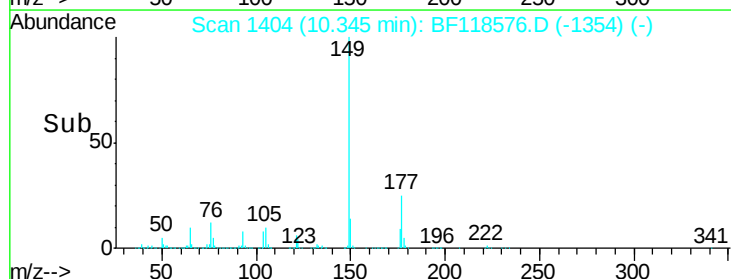
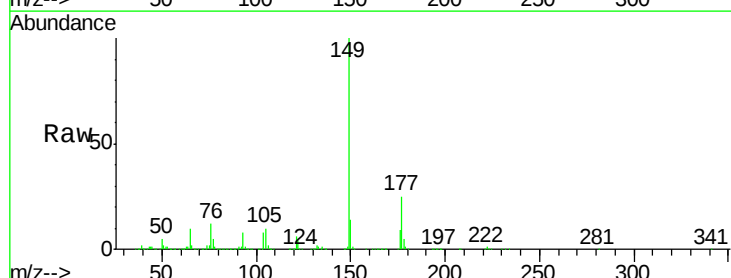
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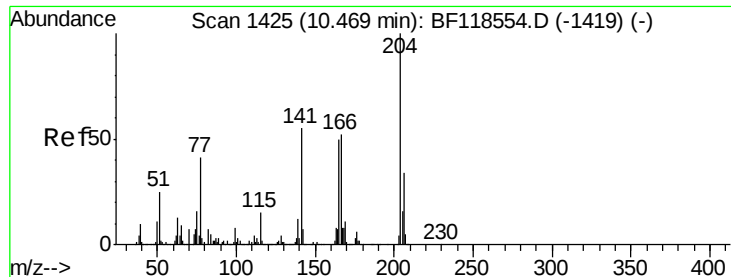
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#60
Diethylphthalate
Concen: 47.551 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.9	20.2	30.4
150	13.5	11.0	16.4





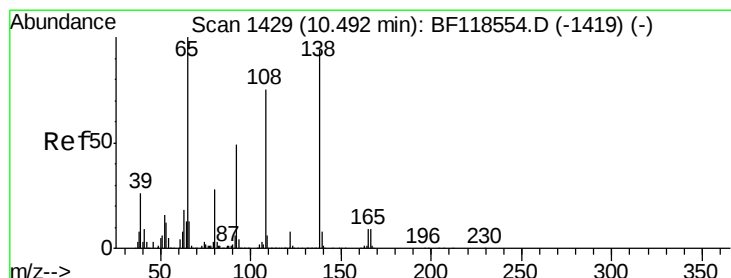
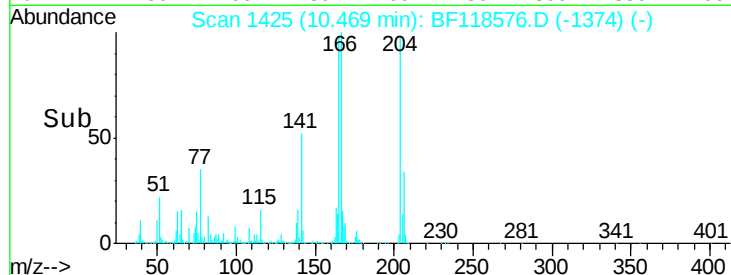
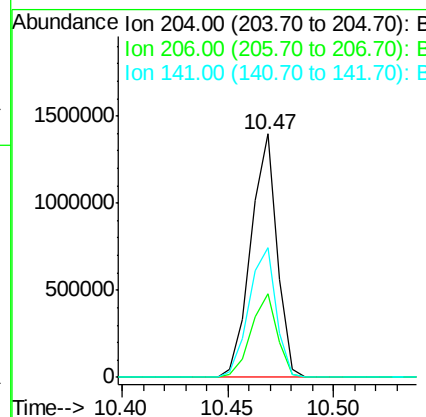
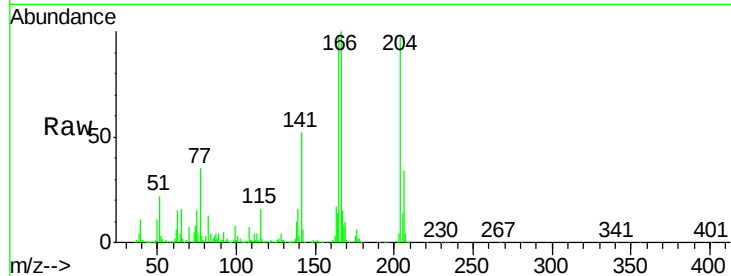
#61
4-Chlorophenyl-phenylether
Concen: 48.659 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tot Ion:204 Resp: 1202336
Ion Ratio Lower Upper
204 100
206 34.5 27.1 40.7
141 53.2 44.4 66.6

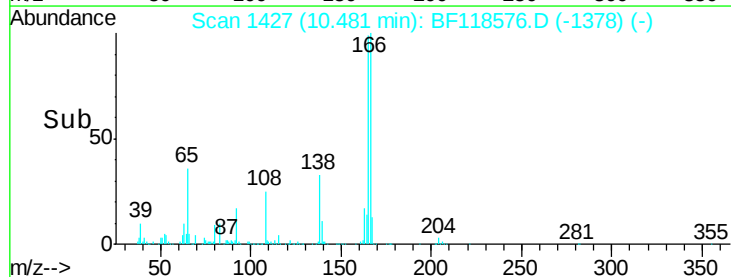
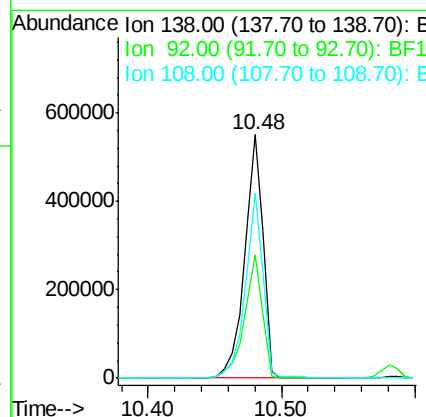
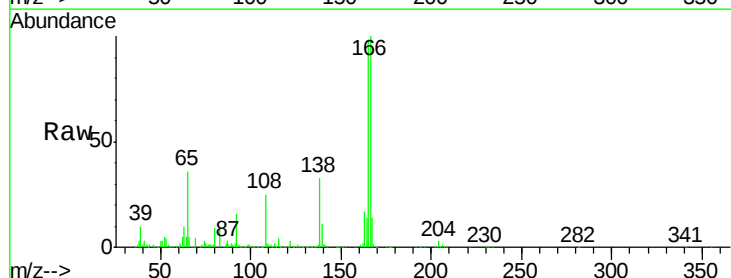
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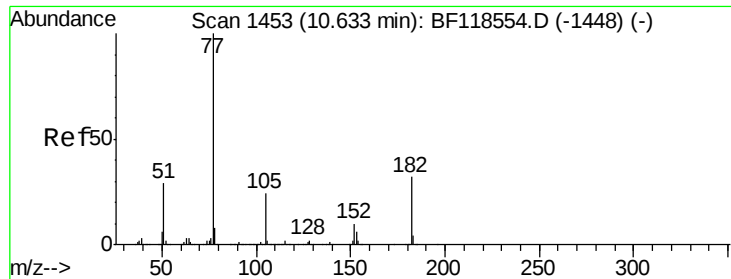
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#62
4-Nitroaniline
Concen: 48.062 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:138 Resp: 524132
Ion Ratio Lower Upper
138 100
92 50.6 31.7 71.7
108 75.9 59.6 99.6





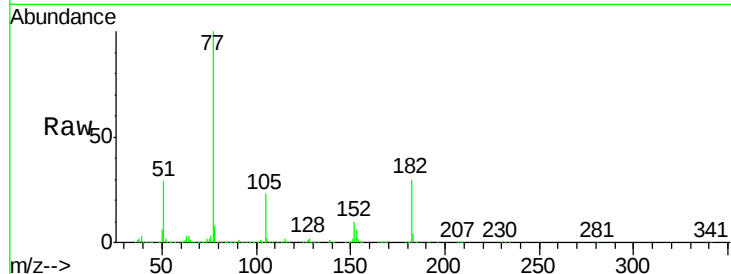
#63
Azobenzene
Concen: 48.838 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.8	11.7	51.7
105	23.2	3.6	43.6
51	29.1	9.0	49.0

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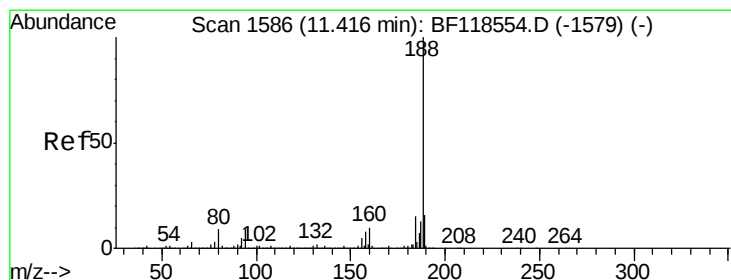
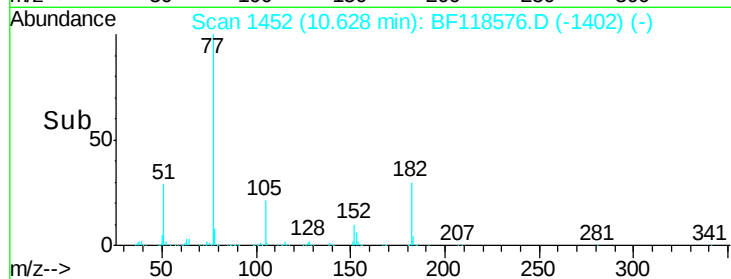
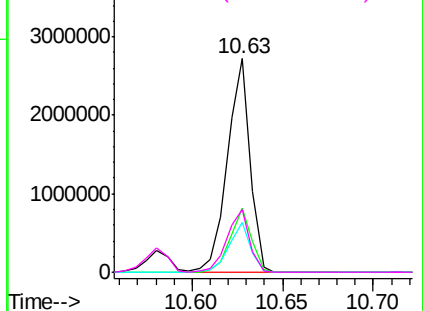
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

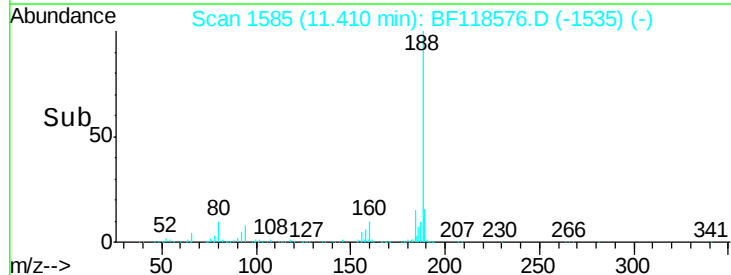
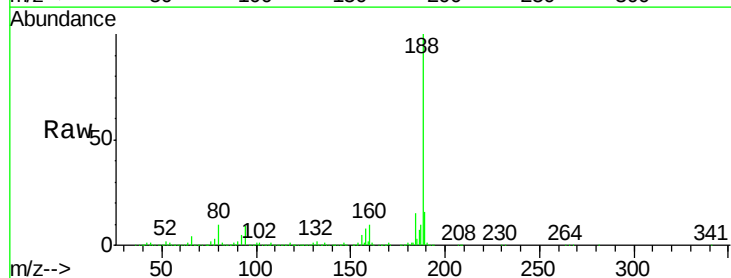
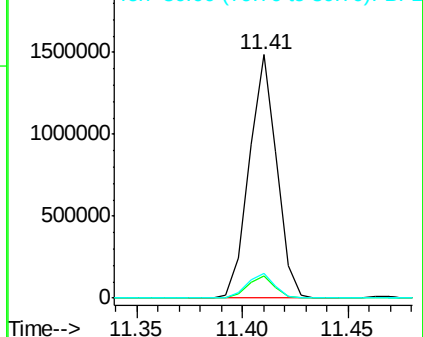
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.4
80	10.1	7.4	11.2

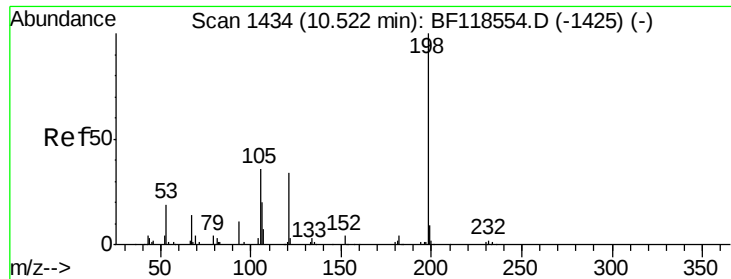
Abundance

Ion 188.00 (187.70 to 188.70): BF1

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: 9.997 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

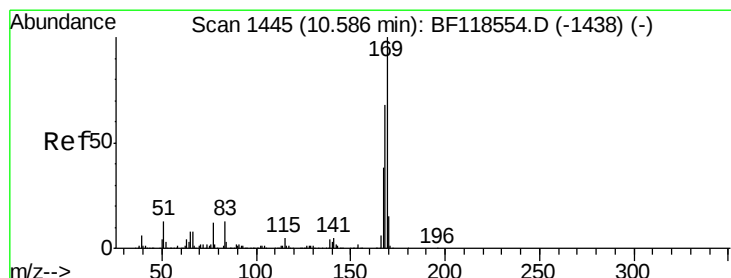
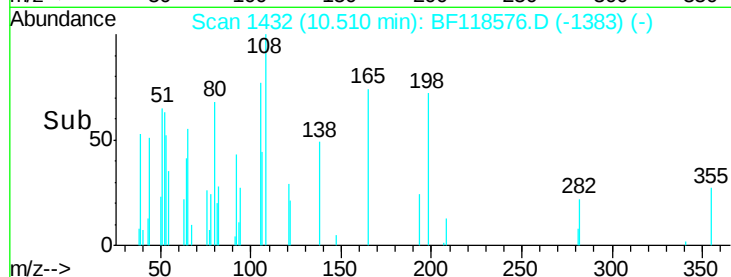
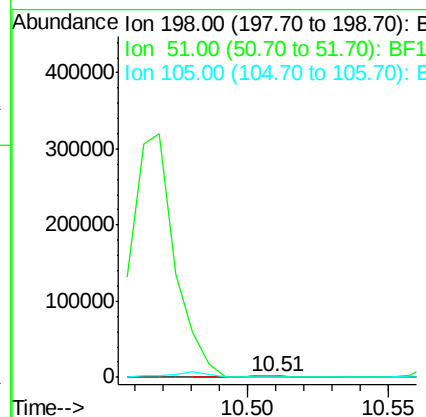
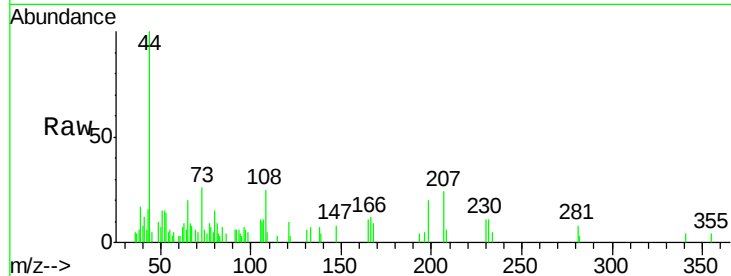
ClientSampleId :

PB126175BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	1866		
51	75.7	13.2	53.2#	
105	56.3	17.2	57.2	

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#66

n-Nitrosodiphenylamine

Concen: 48.395 ng

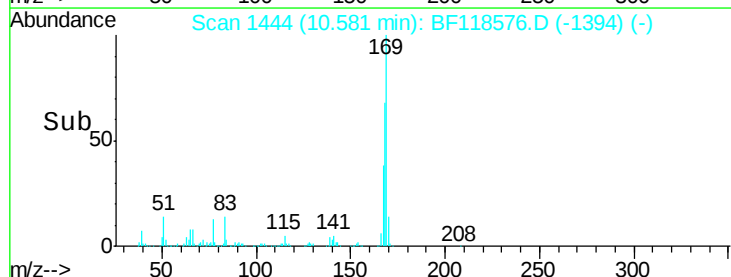
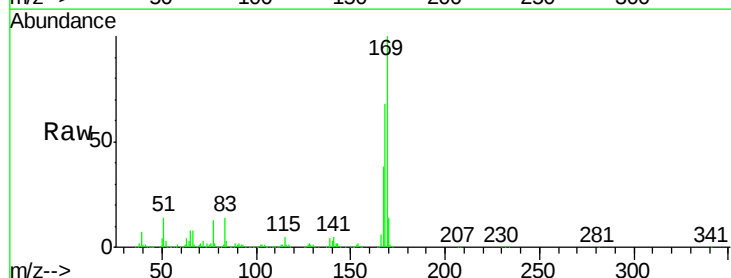
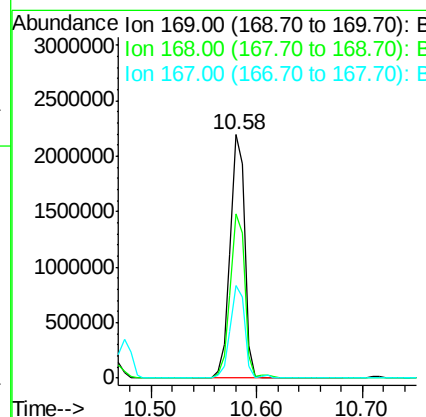
RT: 10.58 min Scan# 1444

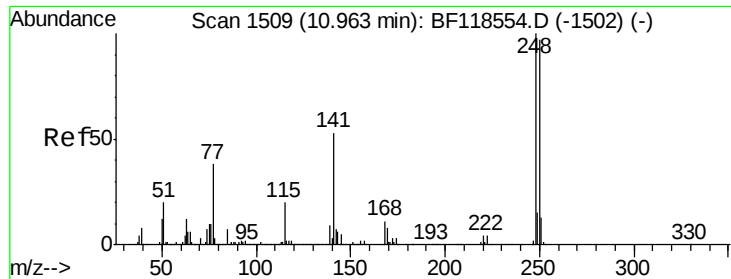
Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2090147		
168	67.5	54.2	81.4	
167	37.8	30.5	45.7	





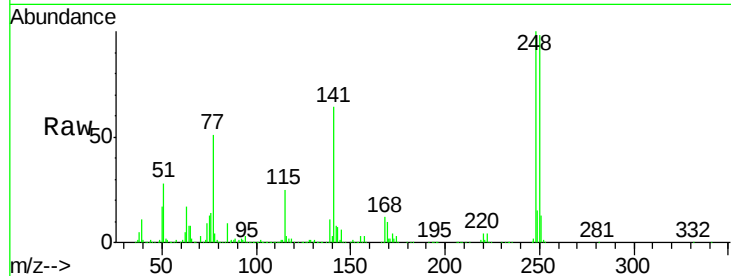
#67
4-Bromophenyl-phenylether
Concen: 45.231 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

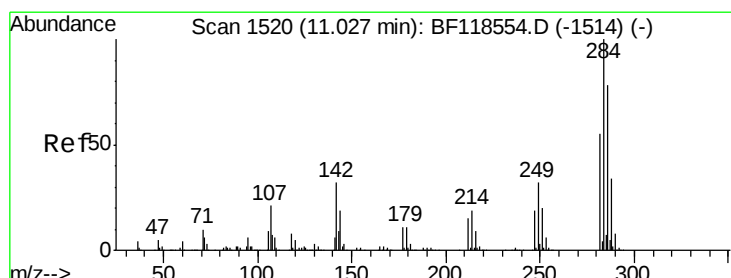
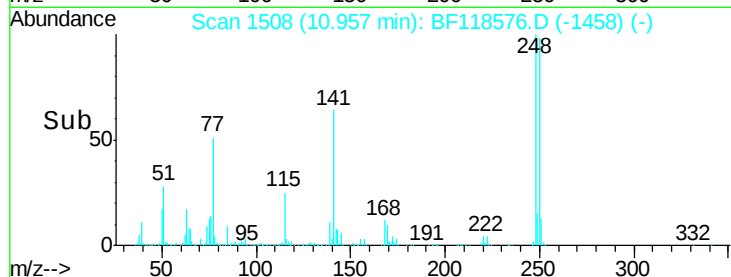
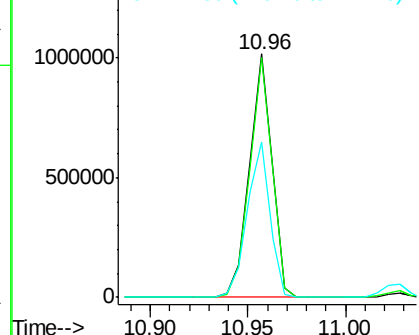
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.8	116.8
141	63.6	42.7	64.1

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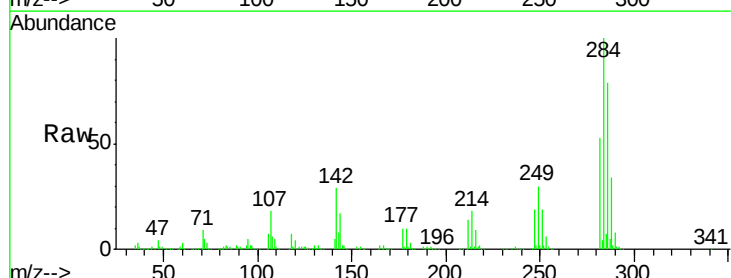


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

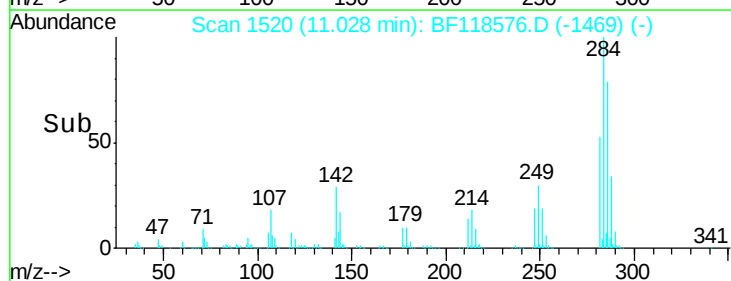
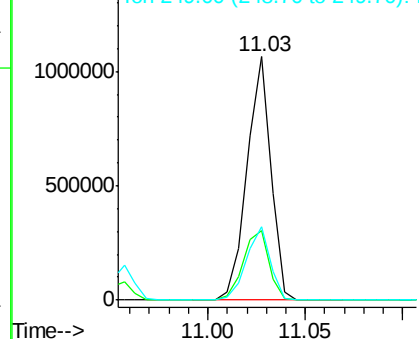


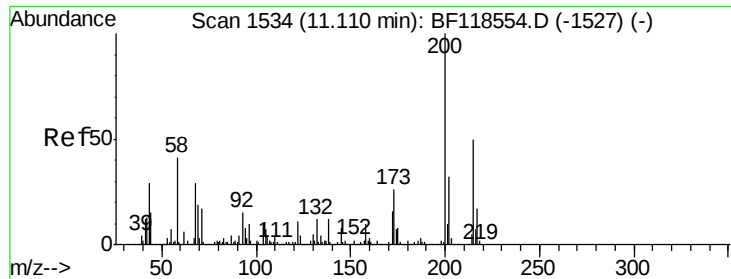
#68
Hexachlorobenzene
Concen: 45.113 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	25.6	38.4
249	30.3	25.6	38.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





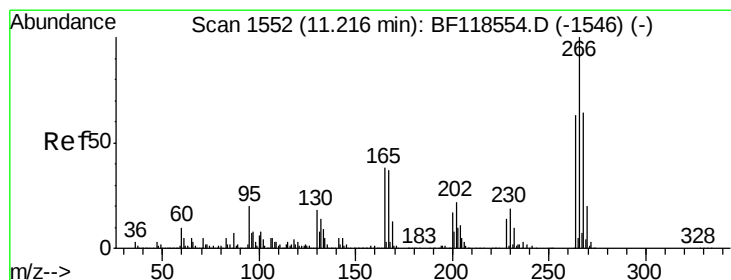
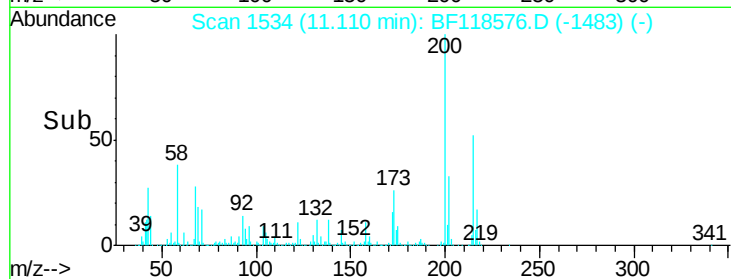
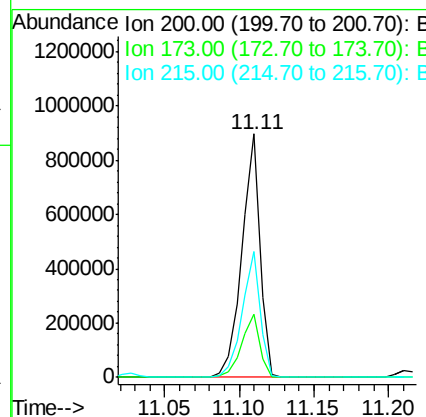
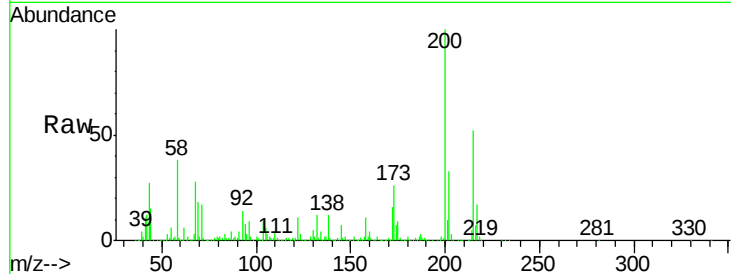
#69
Atrazine
Concen: 61.520 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	5.8	45.8
215	51.6	29.8	69.8

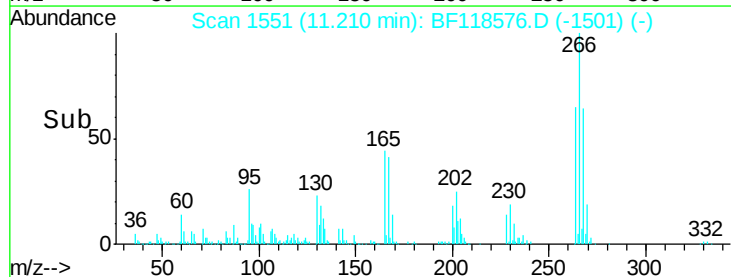
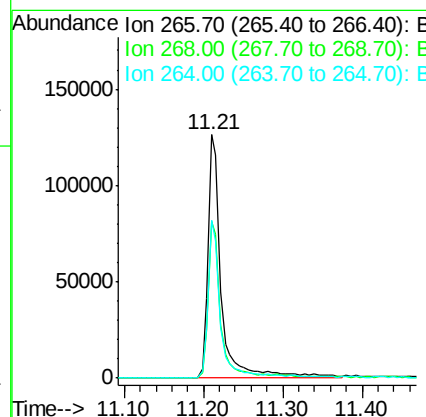
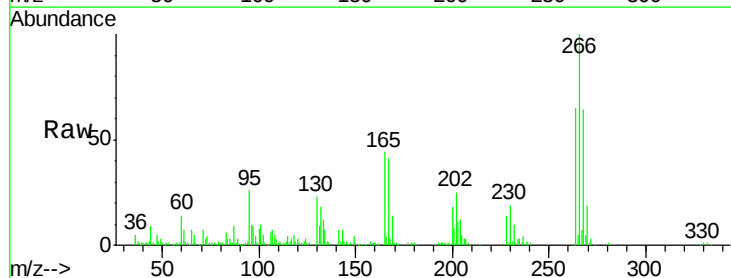
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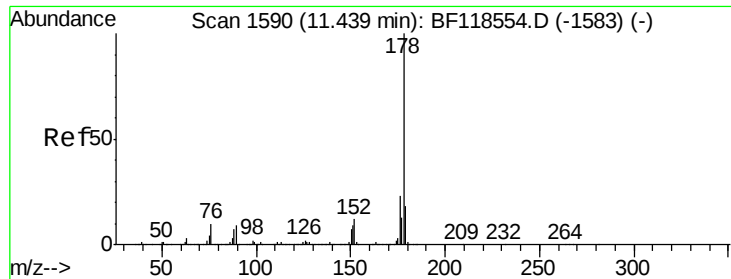
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#70
Pentachlorophenol
Concen: 15.497 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.0	76.4
264	64.7	50.5	75.7





#71

Phenanthrene

Concen: 48.970 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

Tot Ion:178 Resp: 3308535

Ion Ratio Lower Upper

178 100

176 22.7 18.6 28.0

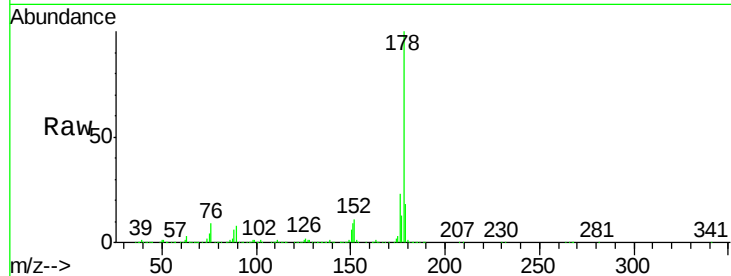
179 17.8 14.6 22.0

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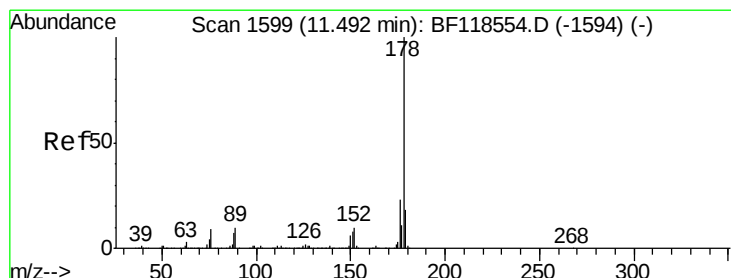
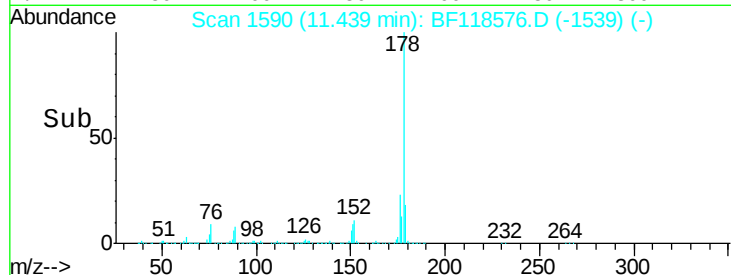
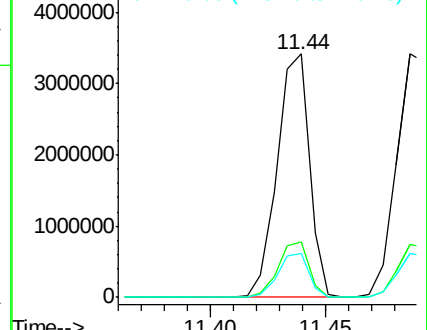
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.375 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

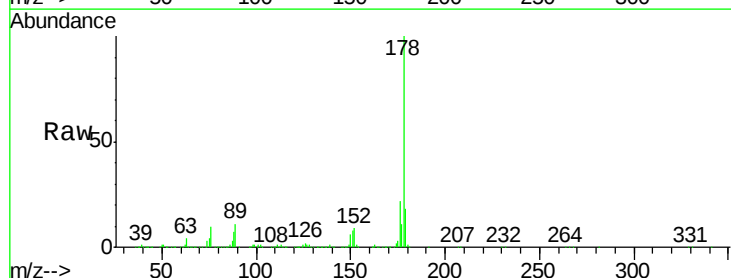
Tgt Ion:178 Resp: 3463093

Ion Ratio Lower Upper

178 100

176 21.6 18.1 27.1

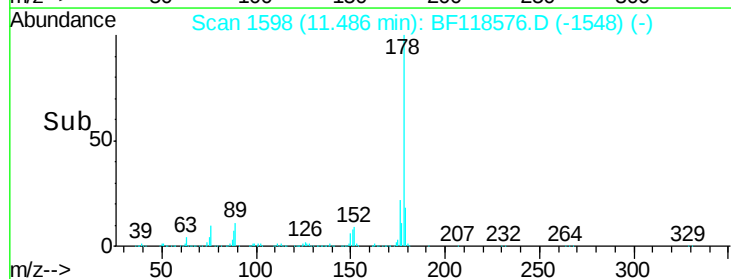
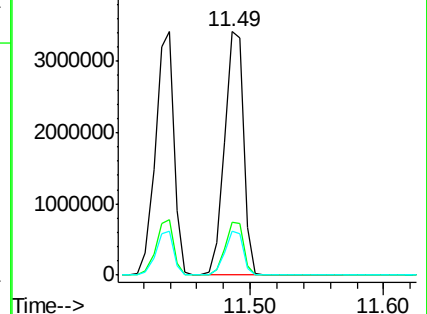
179 18.1 14.7 22.1

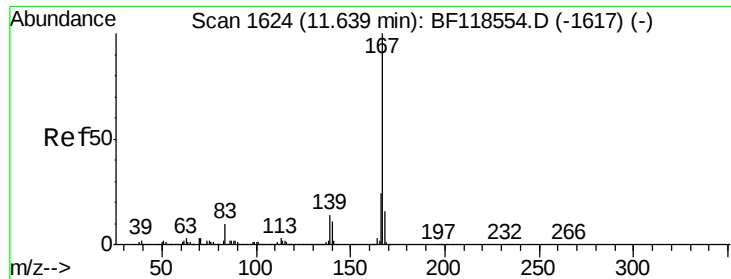


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





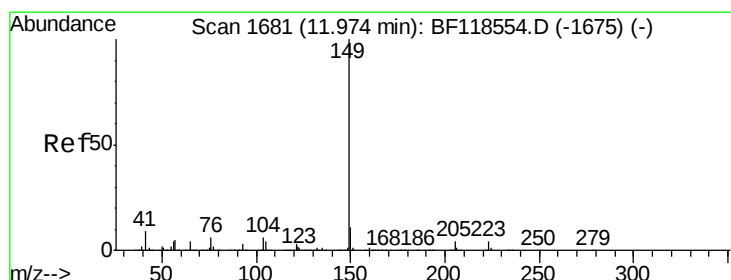
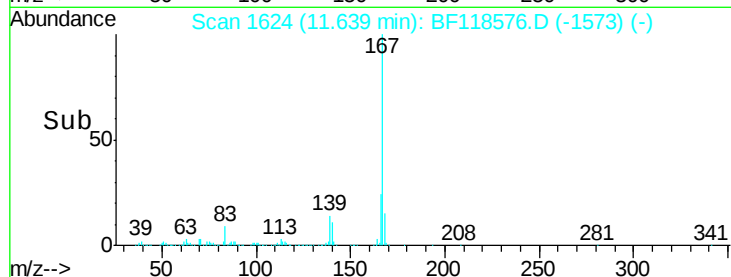
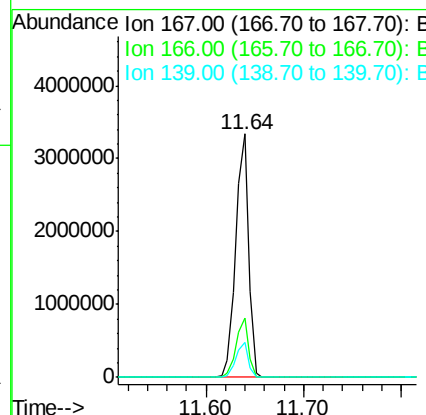
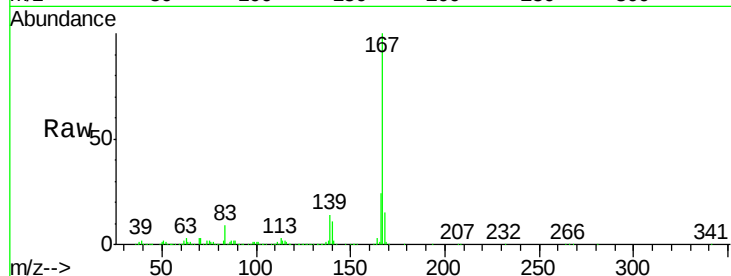
#73
 Carbazole
 Concen: 50.413 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126175BS

Tot Ion:167 Resp: 3064798
 Ion Ratio Lower Upper
 167 100
 166 24.4 19.5 29.3
 139 14.4 11.5 17.3

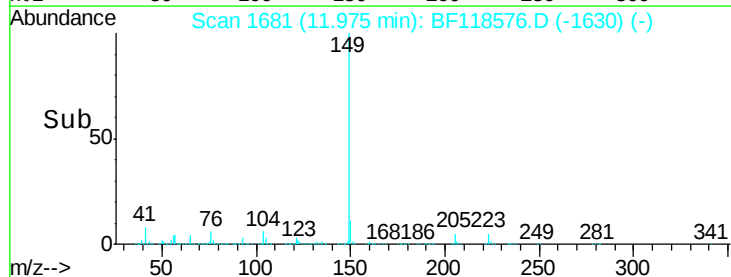
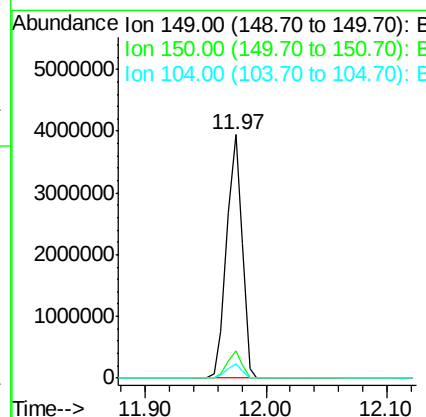
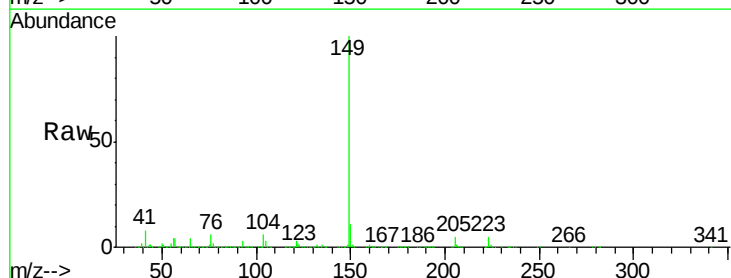
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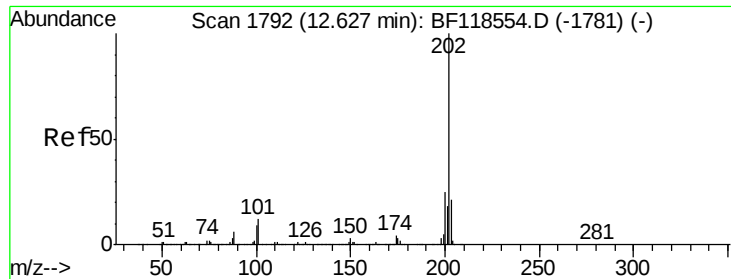
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#74
 Di-n-butylphthalate
 Concen: 45.769 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Tgt Ion:149 Resp: 3457798
 Ion Ratio Lower Upper
 149 100
 150 11.2 9.0 13.6
 104 6.0 5.0 7.4





#75

Fluoranthene

Concen: 49.493 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

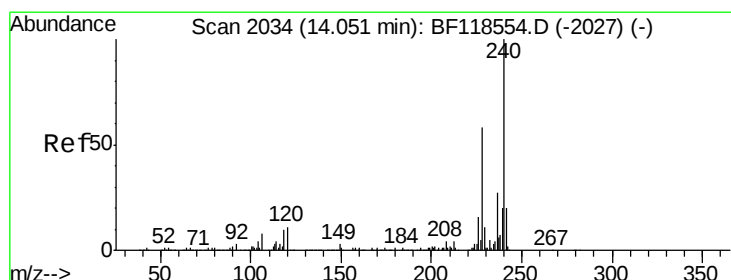
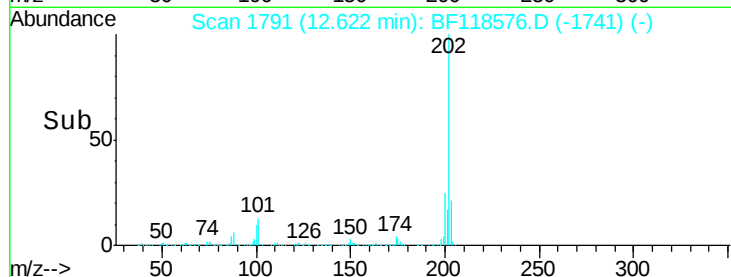
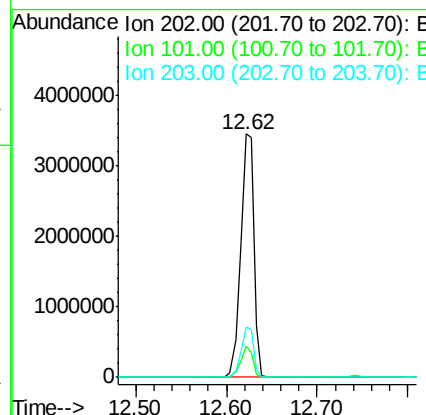
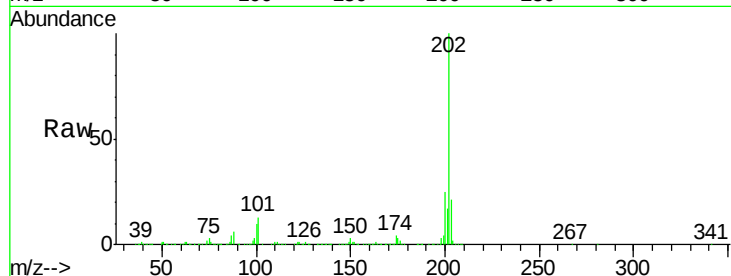
ClientSampleId :

PB126175BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.9
203	20.7	0.9	40.9

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#76

Chrysene-d12

Concen: 20.000 ng

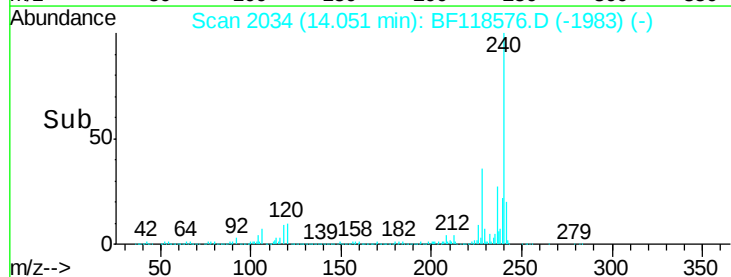
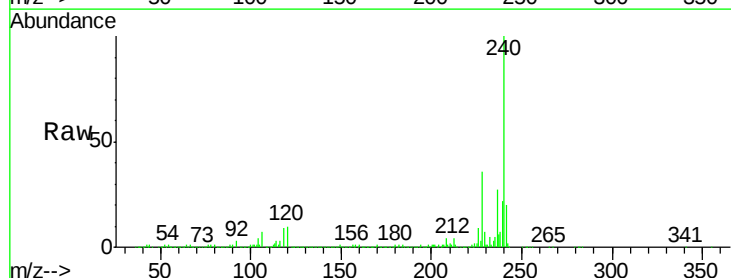
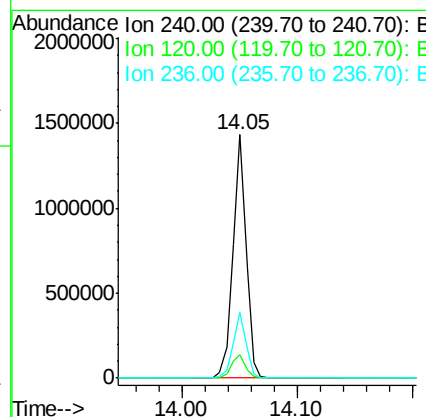
RT: 14.05 min Scan# 2034

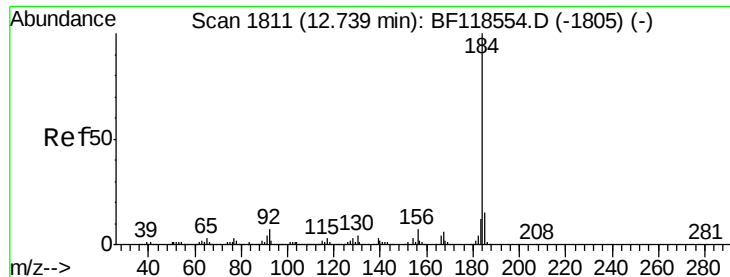
Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.7	13.1
236	26.9	21.8	32.8





#77

Benzidine

Concen: 106.658 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

Tot Ion:184 Resp: 2930729

Ion Ratio Lower Upper

184 100

185 16.0 12.3 18.5

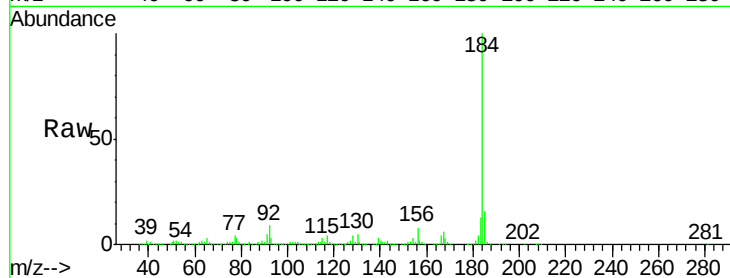
183 12.8 9.5 14.3

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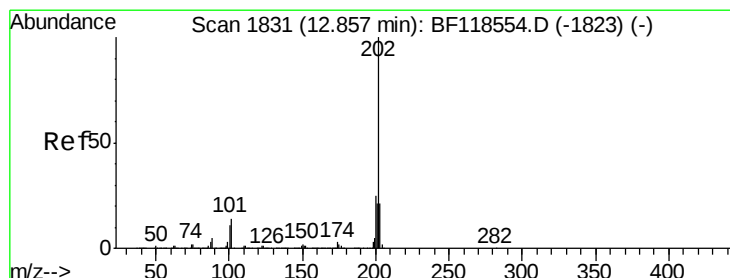
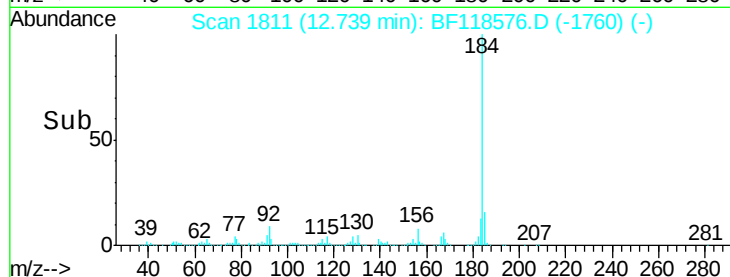
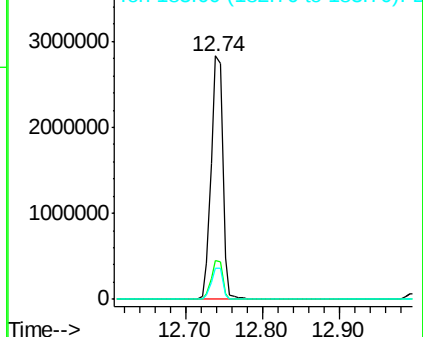
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.150 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

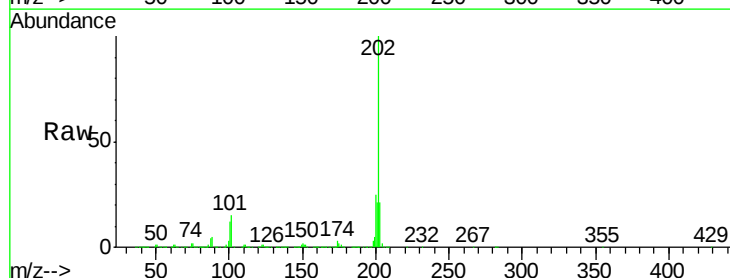
Tgt Ion:202 Resp: 3642265

Ion Ratio Lower Upper

202 100

200 24.9 20.2 30.4

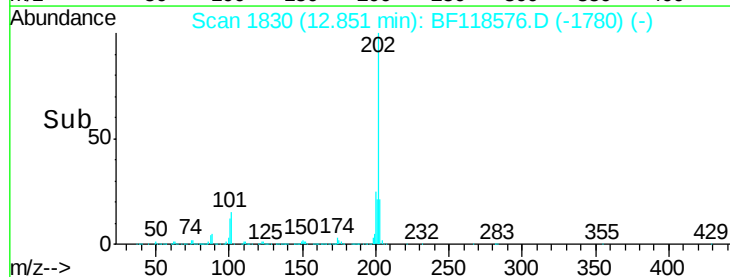
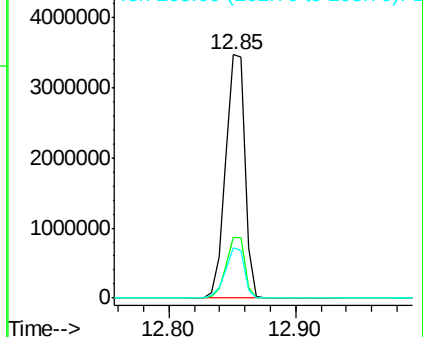
203 20.5 16.6 25.0

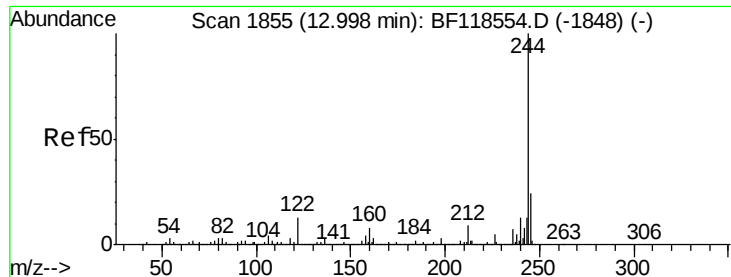


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 86.888 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

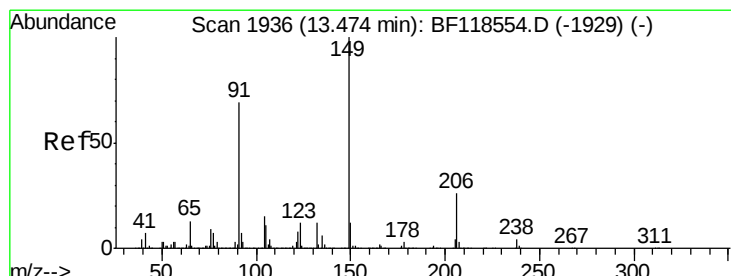
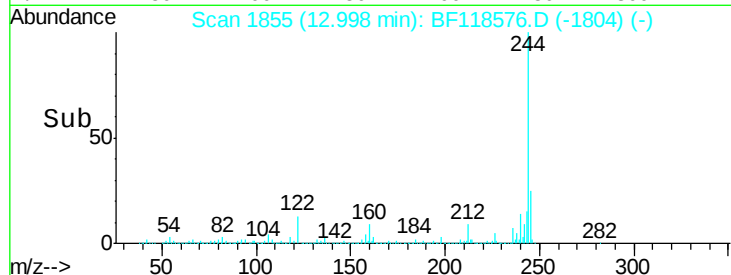
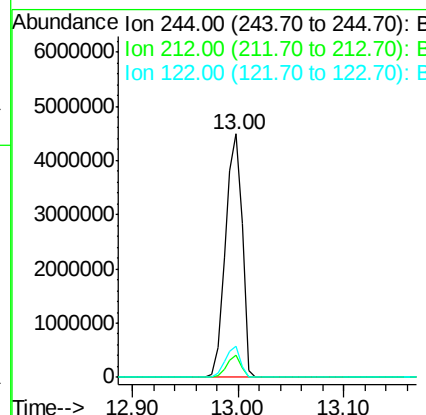
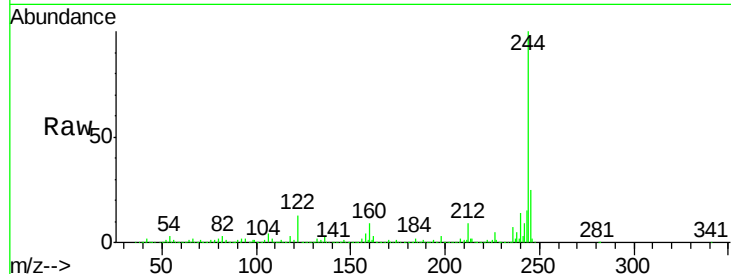
Instrument :
 BNA_F
 ClientSampleId :
 PB126175BS

Tot Ion:244 Resp: 4975648

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.4
122	12.9	10.4	15.6

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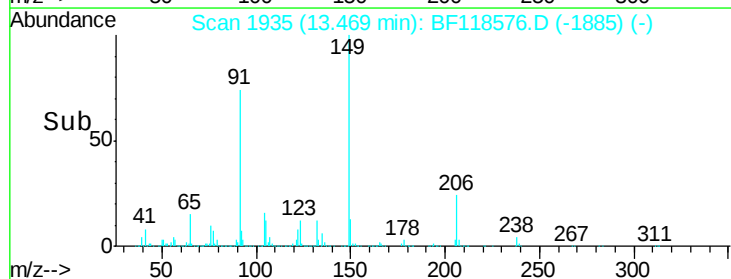
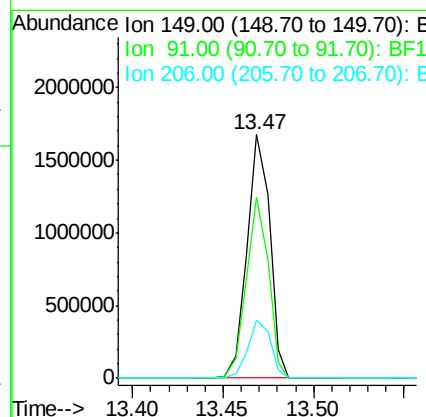
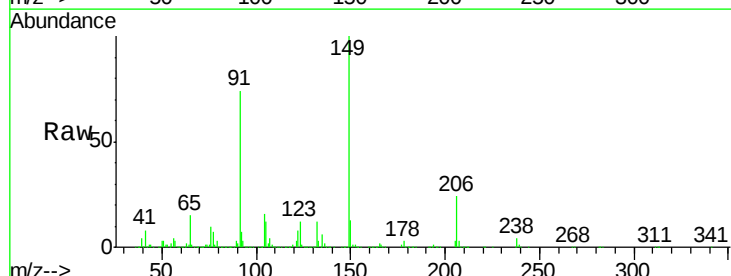
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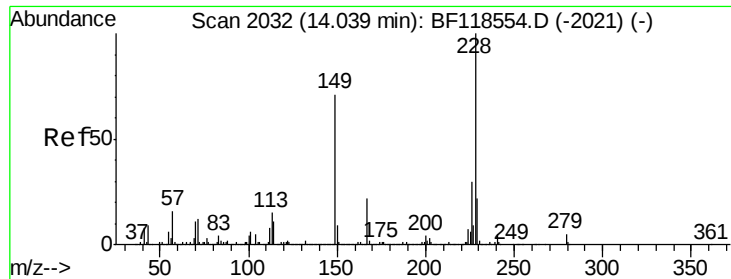


#80
 Butylbenzylphthalate
 Concen: 40.325 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Tgt Ion:149 Resp: 1459071

Ion	Ratio	Lower	Upper
149	100		
91	74.2	55.5	83.3
206	23.8	20.7	31.1





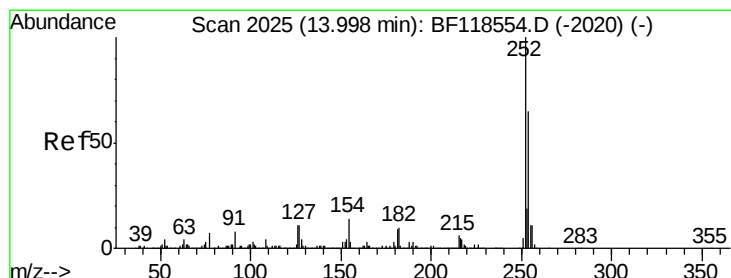
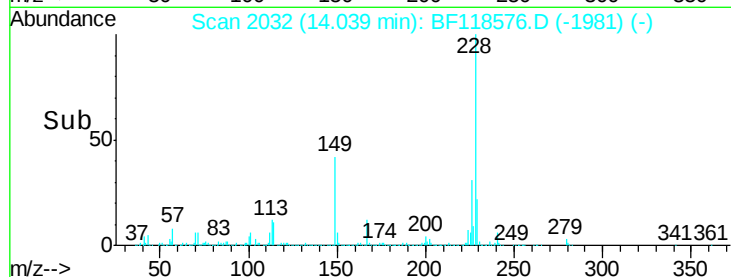
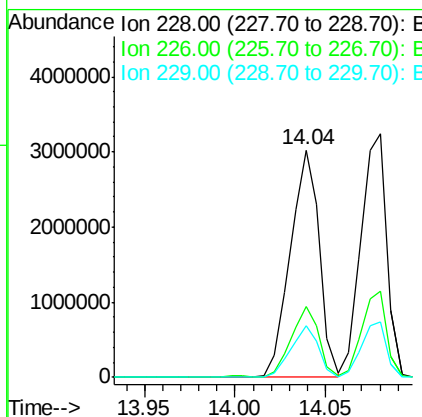
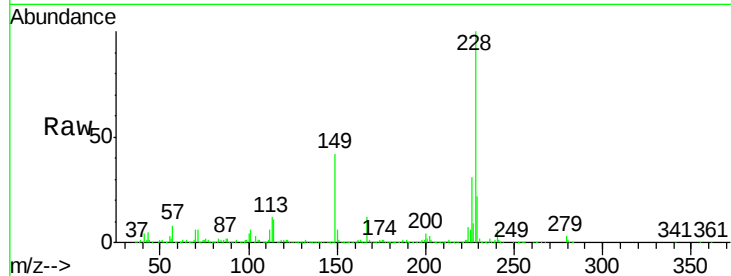
#81
Benzo(a)anthracene
Concen: 47.415 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tot Ion:228 Resp: 3384765
Ion Ratio Lower Upper
228 100
226 31.0 23.7 35.5
229 22.4 17.3 25.9

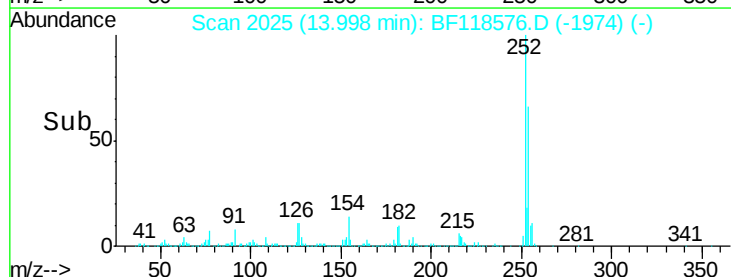
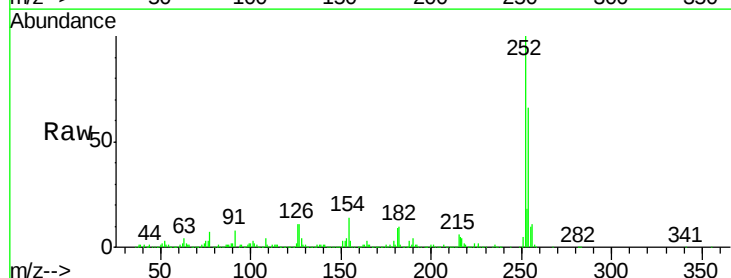
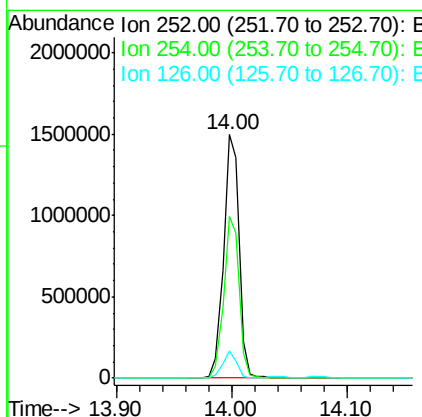
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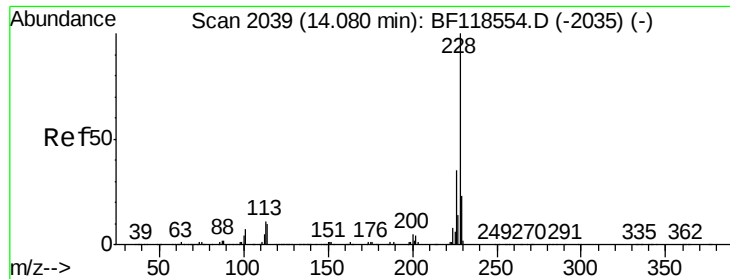
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#82
3,3'-Dichlorobenzidine
Concen: 55.580 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:252 Resp: 1392017
Ion Ratio Lower Upper
252 100
254 66.3 52.0 78.0
126 11.3 9.1 13.7





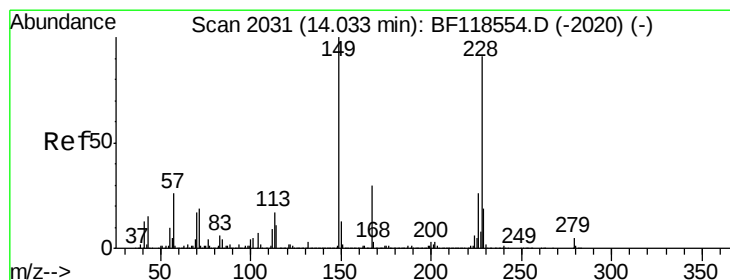
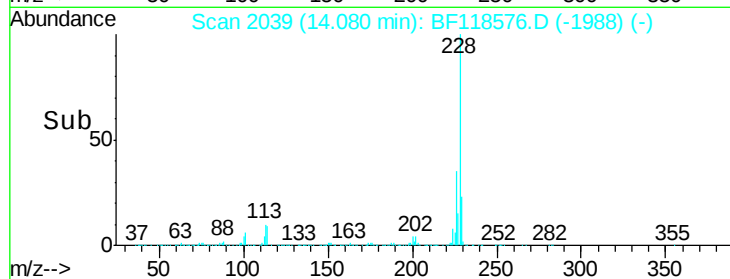
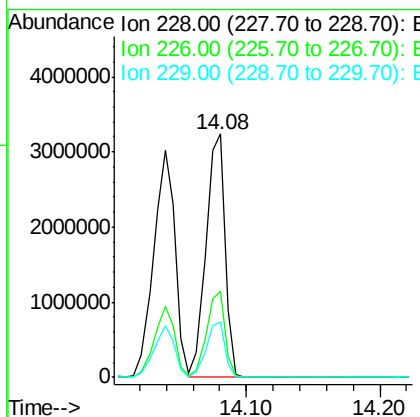
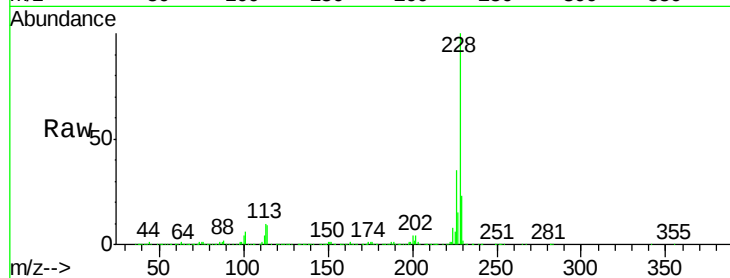
#83
 Chrvsene
 Concen: 46.953 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126175BS

Tot Ion:228 Resp: 3224028
 Ion Ratio Lower Upper
 228 100
 226 35.2 28.2 42.2
 229 22.6 18.2 27.2

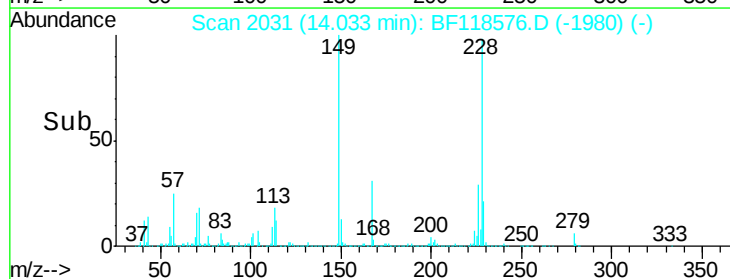
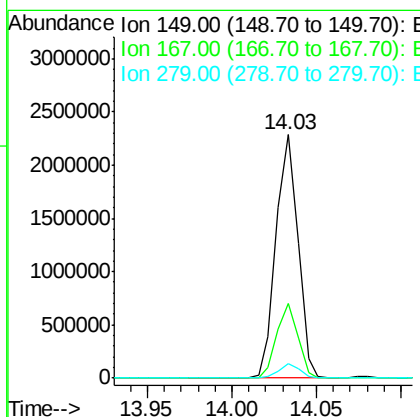
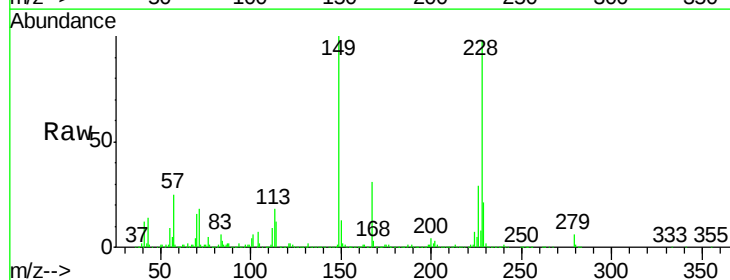
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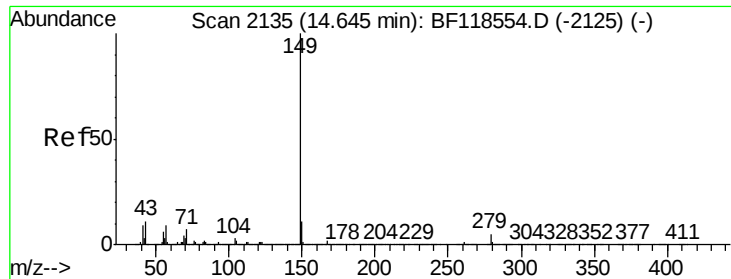
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.484 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Tgt Ion:149 Resp: 2042700
 Ion Ratio Lower Upper
 149 100
 167 30.9 23.9 35.9
 279 5.9 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 47.723 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

Tot Ion:149 Resp: 3282080

Ion Ratio Lower Upper

149 100

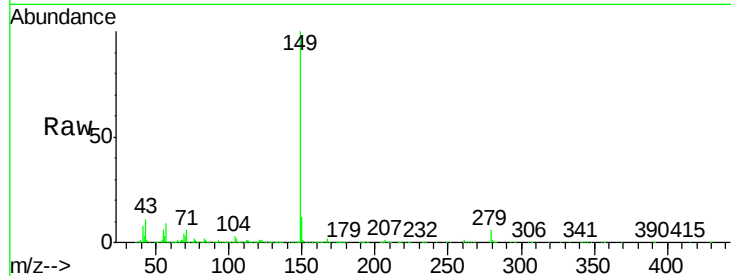
167 1.8 1.4 2.2

43 10.5 8.9 13.3

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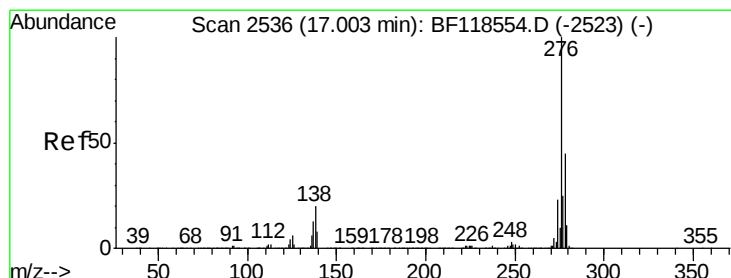
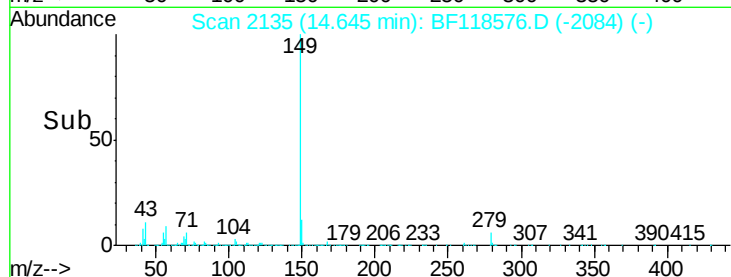
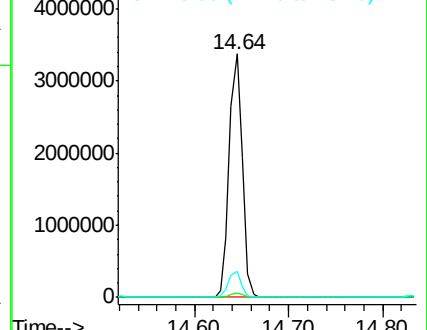
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 59.329 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

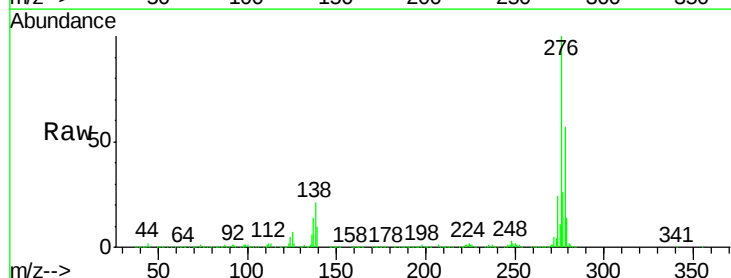
Tgt Ion:276 Resp: 4008852

Ion Ratio Lower Upper

276 100

138 21.9 17.3 25.9

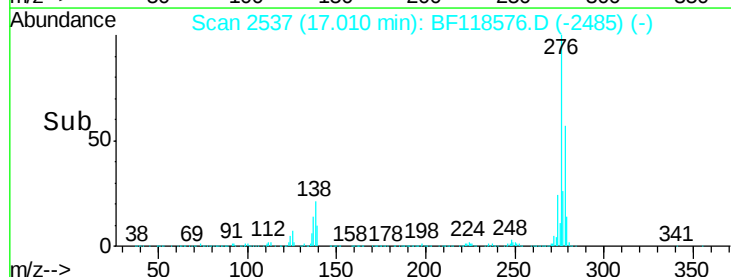
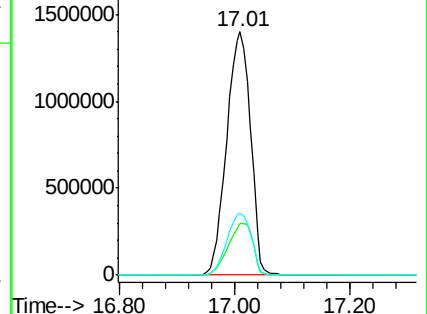
277 26.0 20.5 30.7

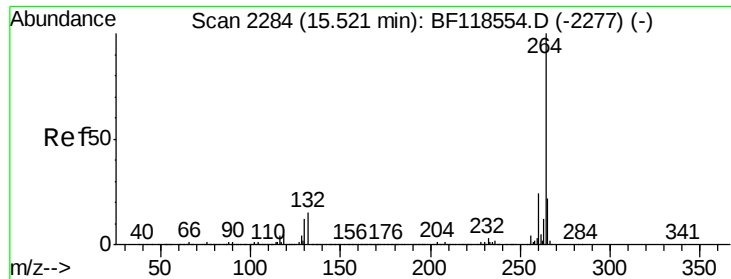


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.52 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

Tot Ion:264 Resp: 1184516

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

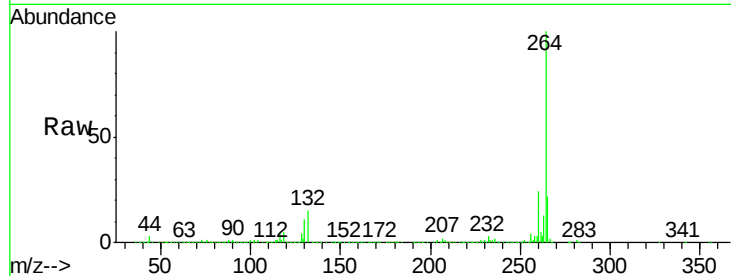
265 21.8 17.6 26.4

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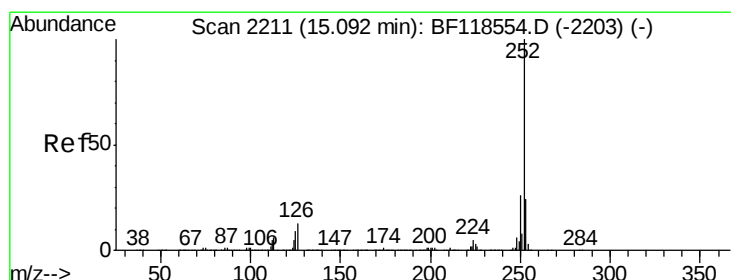
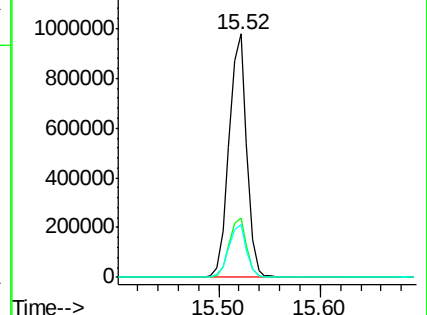
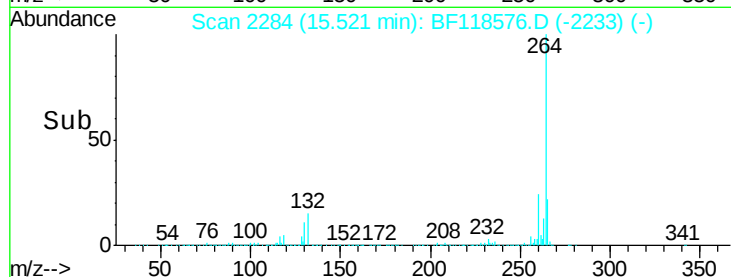
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.347 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

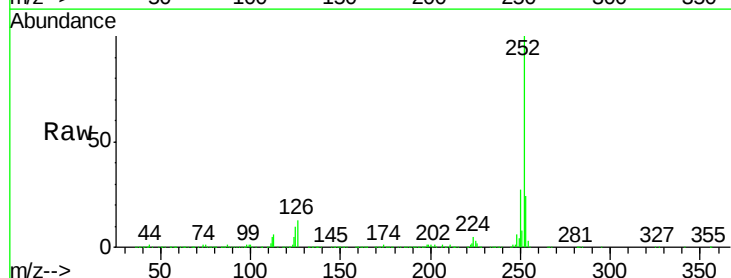
Tgt Ion:252 Resp: 3344129

Ion Ratio Lower Upper

252 100

253 24.3 19.1 28.7

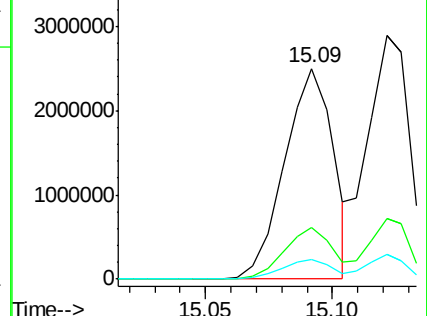
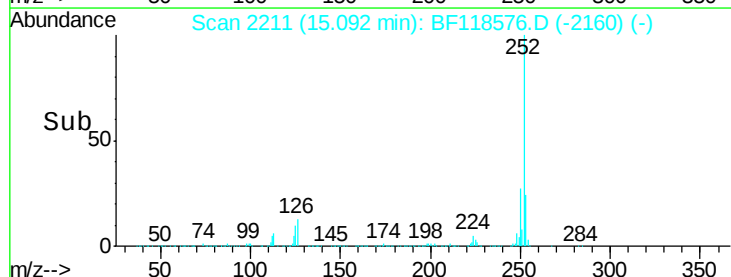
125 9.6 7.5 11.3

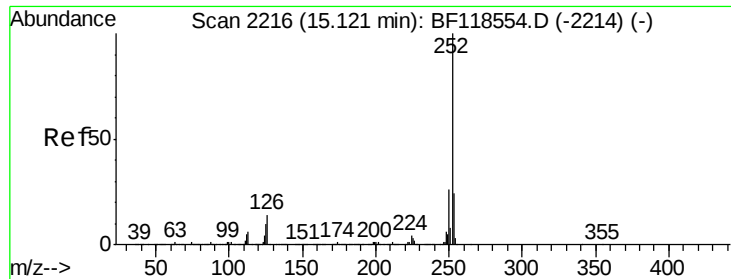


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





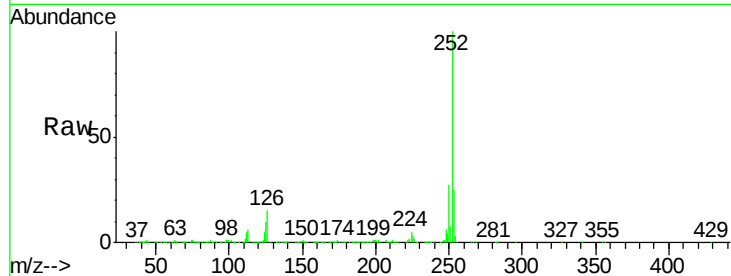
#89
Benzo(k)fluoranthene
Concen: 48.133 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

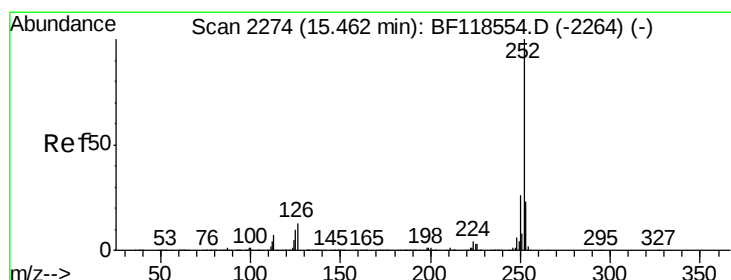
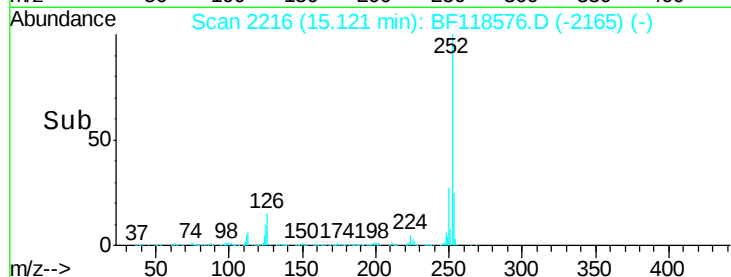
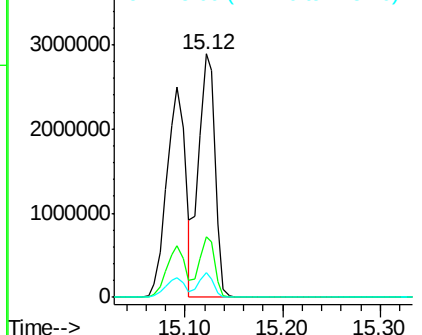
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.0	28.4
125	10.0	7.8	11.8

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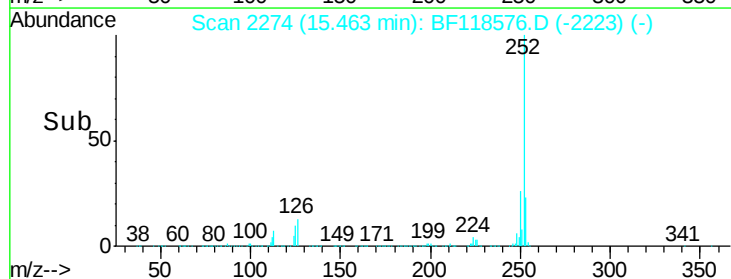
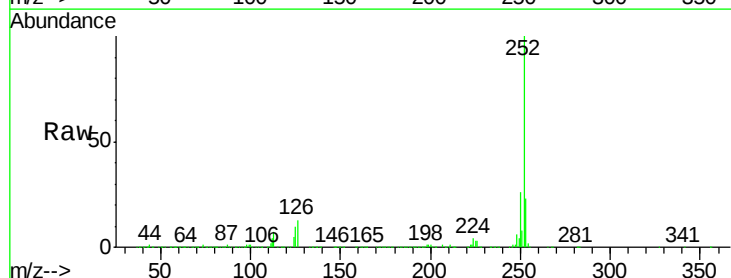
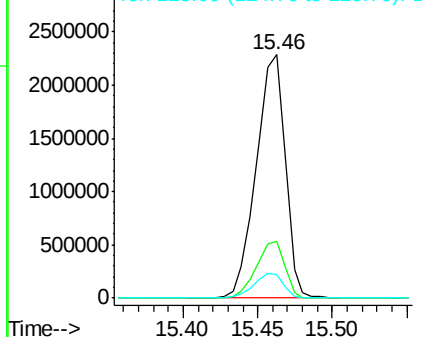
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

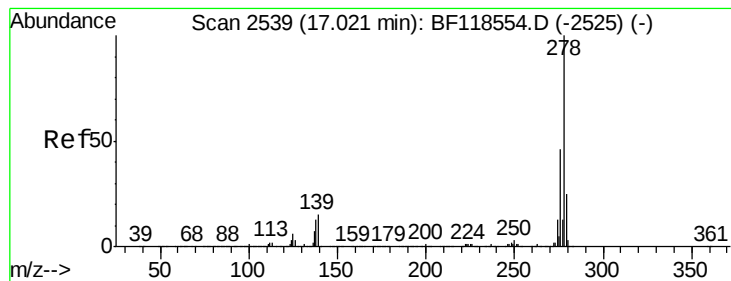


#90
Benzo(a)pyrene
Concen: 45.541 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	9.7	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: 53.123 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

Tot Ion:278 Resp: 3330697

Ion Ratio Lower Upper

278 100

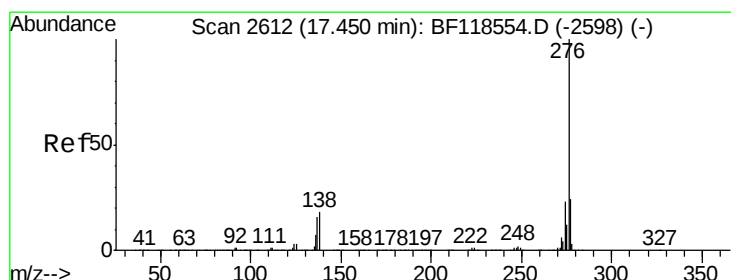
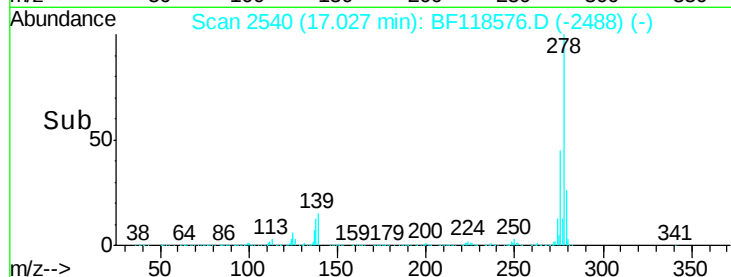
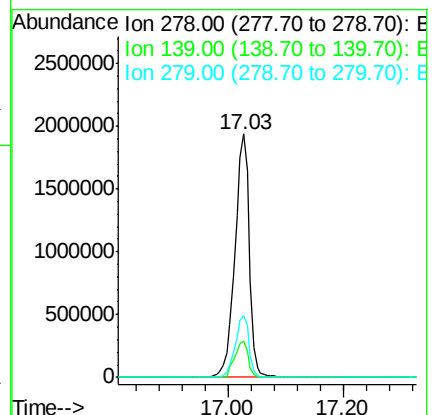
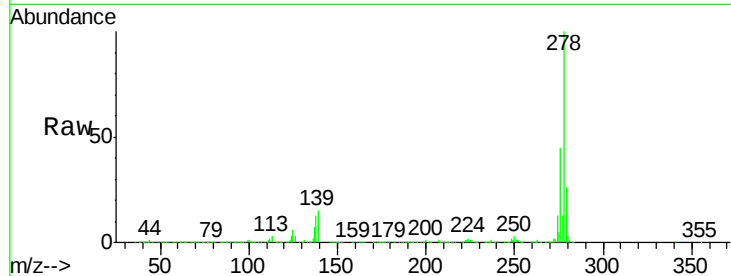
139 14.9 11.7 17.5

279 25.5 20.0 30.0

Manual Integrations
APPROVED

mohammad

1/21/2020 7:58:42 AM



#92

Benzo(g,h,i)perylene

Concen: 54.760 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Tgt Ion:276 Resp: 3316380

Ion Ratio Lower Upper

276 100

277 25.0 19.1 28.7

138 19.6 14.7 22.1

