

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118642.D
 Acq On : 21 Jan 2020 19:42
 Operator : CG/JU
 Sample : PB126243BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

Manual Integrations
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Quant Time: Jan 22 04:41:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	378998	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1387122	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	766753	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1397243	20.00	ng	0.00
76) Chrysene-d12	14.04	240	930874	20.00	ng	0.00
87) Perylene-d12	15.51	264	888845	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	2483007	121.68	ng	0.01
7) Phenol-d6	6.51	99	3214523	121.20	ng	0.00
23) Nitrobenzene-d5	7.44	82	1863443	75.14	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	1115681	125.80	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3561561	76.35	ng	0.00
79) Terphenyl-d14	12.99	244	3939917	92.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	503367	50.928	ng	98
3) Pyridine	3.49	79	1034148	37.122	ng	99
4) n-Nitrosodimethylamine	3.43	42	475729	39.833	ng	87
6) Aniline	6.54	93	1231766	35.269	ng	98
8) 2-Chlorophenol	6.67	128	1037820	45.310	ng	98
9) Benzaldehyde	6.43	77	569168	35.286	ng	94
10) Phenol	6.52	94	1289600	42.665	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	978496	43.633	ng	97
12) 1,3-Dichlorobenzene	6.82	146	1154696	43.071	ng	99
13) 1,4-Dichlorobenzene	6.90	146	1165362	43.304	ng	99
14) 1,2-Dichlorobenzene	7.05	146	1102807	43.592	ng	99
15) Benzyl Alcohol	7.02	79	929085	44.172	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1282357	41.053	ng	99
17) 2-Methylphenol	7.13	107	861936	45.177	ng	99
18) Hexachloroethane	7.40	117	415562	42.585	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	752349	42.010	ng	98
20) 3+4-Methylphenols	7.28	107	1048687	45.020	ng	94
22) Acetophenone	7.29	105	1362717	41.471	ng	# 95
24) Nitrobenzene	7.46	77	1088416	42.863	ng	99
25) Isophorone	7.70	82	1994094	44.085	ng	99
26) 2-Nitrophenol	7.77	139	532793	49.203	ng	99
27) 2,4-Dimethylphenol	7.81	122	929354	49.701	ng	97
28) bis(2-Chloroethoxy)methane	7.91	93	1230084	42.205	ng	99
29) 2,4-Dichlorophenol	8.02	162	932205	45.098	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	1016044	42.393	ng	99
31) Naphthalene	8.19	128	2911160	46.459	ng	99
32) Benzoic acid	7.92	122	486034	34.634	ng	97
33) 4-Chloroaniline	8.23	127	625737	21.605	ng	97
34) Hexachlorobutadiene	8.31	225	609368	41.750	ng	98
35) Caprolactam	8.59	113	277435m	41.013	ng	
36) 4-Chloro-3-methylphenol	8.71	107	892959	43.746	ng	97
37) 2-Methylnaphthalene	8.87	142	2033708	45.981	ng	99
38) 1-Methylnaphthalene	8.97	142	1936816	46.092	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1028469	42.869	ng	98

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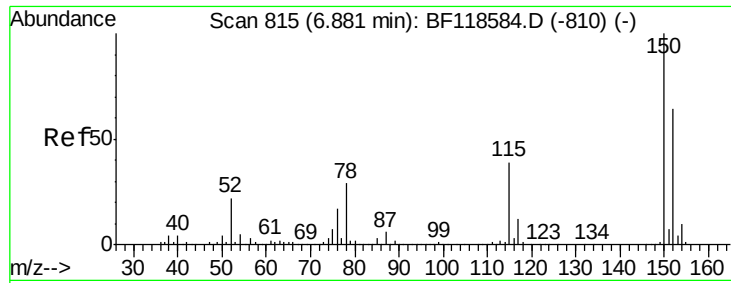
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	1182084	97.658	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	705280	44.301	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	733950	45.141	nq	97
46) 1,1'-Biphenyl	9.34	154	2418752	45.771	nq	99
47) 2-Chloronaphthalene	9.36	162	1959805	44.000	nq	98
48) 2-Nitroaniline	9.46	65	547809	40.010	nq	90
49) Acenaphthylene	9.78	152	2959481	47.230	nq	98
50) Dimethylphthalate	9.64	163	2180549	43.650	nq	100
51) 2,6-Dinitrotoluene	9.70	165	499075	44.615	nq	86
52) Acenaphthene	9.96	154	1955605	46.674	nq	99
53) 3-Nitroaniline	9.86	138	326663	25.574	nq	96
54) 2,4-Dinitrophenol	9.97	184	366685	82.108	nq	# 41
55) Dibenzofuran	10.13	168	2694854	46.411	nq	97
56) 4-Nitrophenol	10.03	139	847570	87.898	nq	90
57) 2,4-Dinitrotoluene	10.10	165	649916	46.087	nq	95
58) Fluorene	10.47	166	2066725	45.339	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	638505	44.648	nq	97
60) Diethylphthalate	10.34	149	2112850	43.622	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	1098798	44.321	nq	98
62) 4-Nitroaniline	10.48	138	495549	37.822	nq	95
63) Azobenzene	10.62	77	2080094	44.345	nq	92
65) 4,6-Dinitro-2-methylphenol	10.51	198	289498	47.119	nq	93
66) n-Nitrosodiphenylamine	10.57	169	1903894	45.183	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	753179	43.631	nq	98
68) Hexachlorobenzene	11.02	284	828159	42.315	nq	93
69) Atrazine	11.10	200	684187	46.846	nq	99
70) Pentachlorophenol	11.21	266	882619	81.114	nq	97
71) Phenanthrene	11.43	178	2992521	44.394	nq	97
72) Anthracene	11.48	178	3091534	46.349	nq	98
73) Carbazole	11.63	167	2683674	43.865	nq	98
74) Di-n-butylphthalate	11.96	149	3125829	45.986	nq	100
75) Fluoranthene	12.62	202	3111915	43.770	nq	99
77) Benzidine	12.73	184	1733128	69.681	nq	98
78) Pyrene	12.84	202	3136765	49.634	nq	98
80) Butylbenzylphthalate	13.46	149	1297410	50.162	nq	97
81) Benzo(a)anthracene	14.03	228	2482747	44.337	nq	99
82) 3,3'-Dichlorobenzidine	13.99	252	537171	26.921	nq	98
83) Chrysene	14.07	228	2389925	44.532	nq	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	1685677	53.345	nq	99
85) Di-n-octyl phthalate	14.63	149	2483984	53.107	nq	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	2795914	59.957	nq	99
88) Benzo(b)fluoranthene	15.08	252	2143986	38.374	nq	99
89) Benzo(k)fluoranthene	15.11	252	2182279	42.160	nq	99
90) Benzo(a)pyrene	15.45	252	1992882	41.350	nq	98
91) Dibenzo(a,h)anthracene	17.01	278	2307471	54.126	nq	99
92) Benzo(g,h,i)perylene	17.44	276	2404166	58.081	nq	98

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



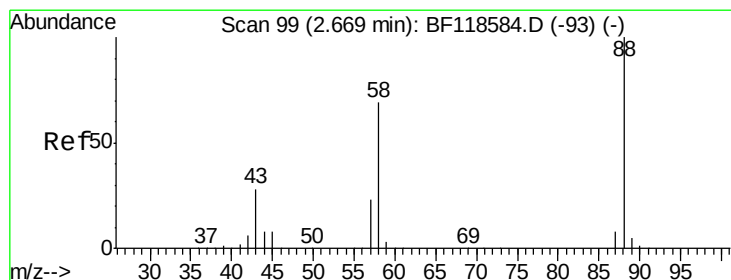
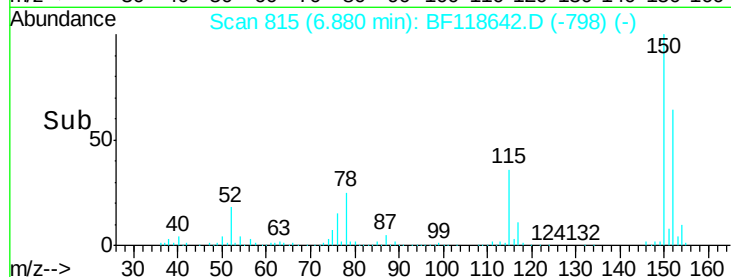
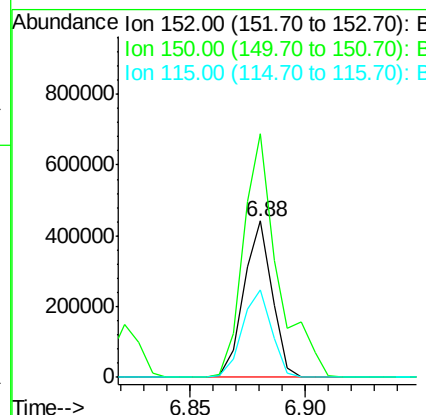
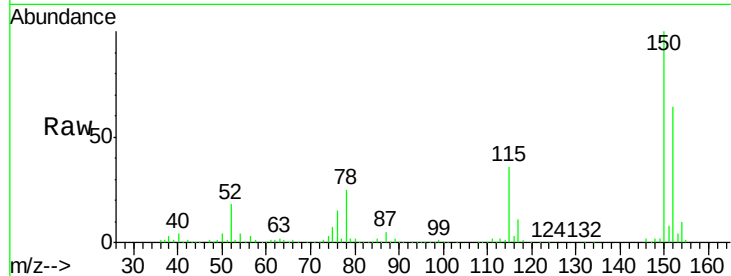
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.6	188.4
115	56.0	48.4	72.6

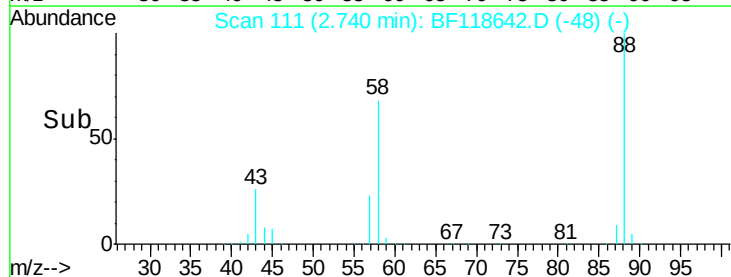
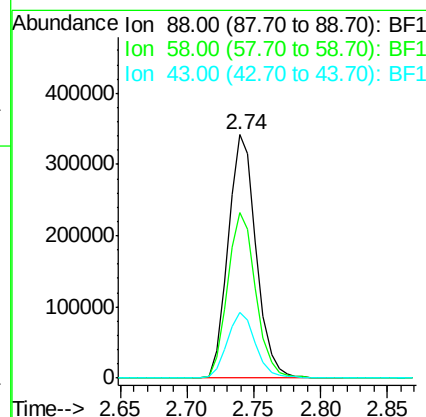
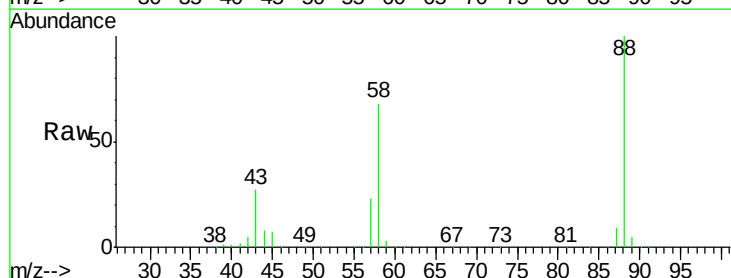
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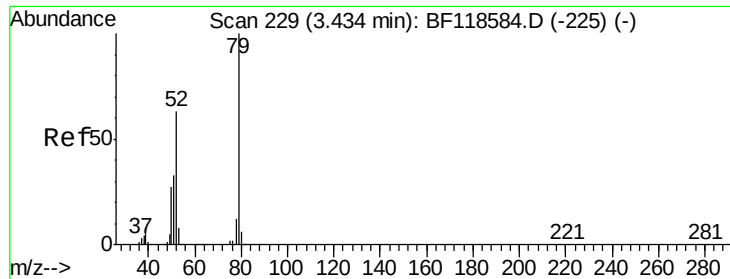
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#2
 1,4-Dioxane
 Concen: 50.928 ng
 RT: 2.74 min Scan# 111
 Delta R.T. 0.07 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	56.1	84.1
43	26.7	23.0	34.6





#3

Pvridine

Concen: 37.122 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.06 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

Tot Ion: 79 Resp: 1034148

Ion Ratio Lower Upper

79 100

52 63.1 50.7 76.1

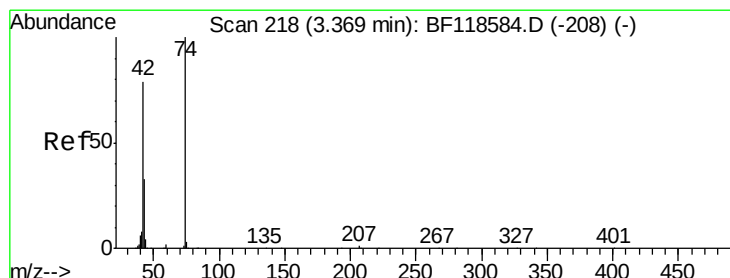
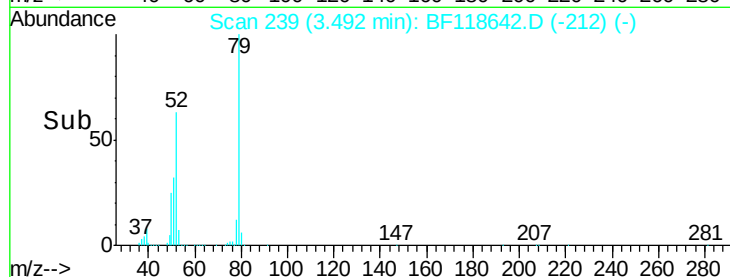
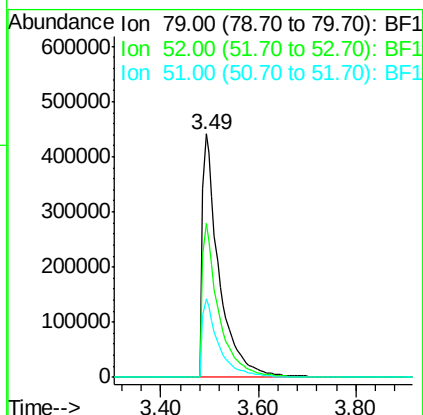
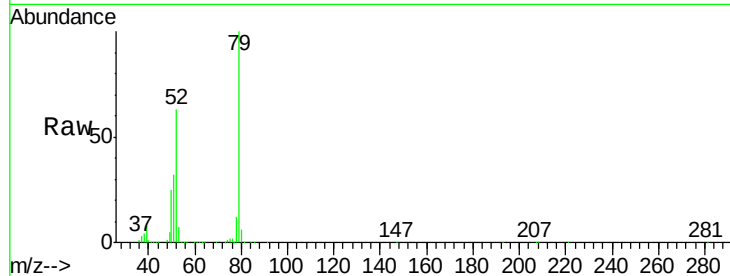
51 32.3 26.6 40.0

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#4

n-Nitrosodimethylamine

Concen: 39.833 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.06 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

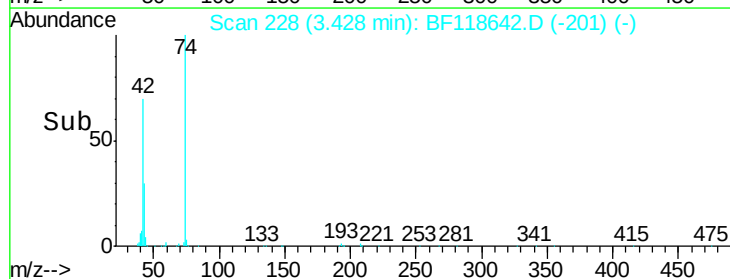
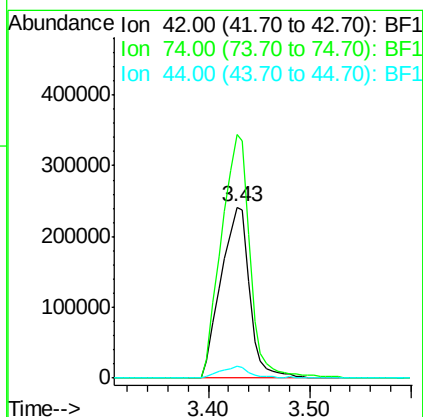
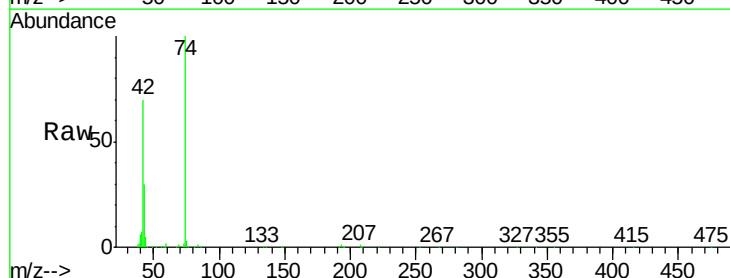
Tgt Ion: 42 Resp: 475729

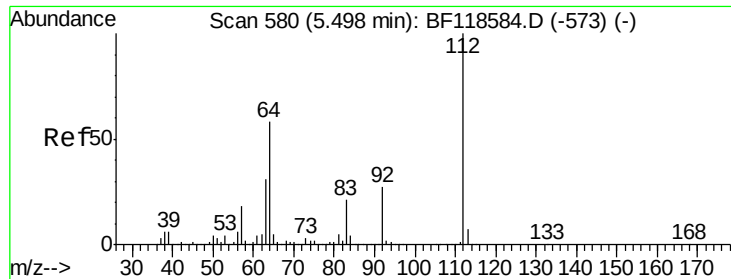
Ion Ratio Lower Upper

42 100

74 142.5 101.6 152.4

44 6.7 4.9 7.3





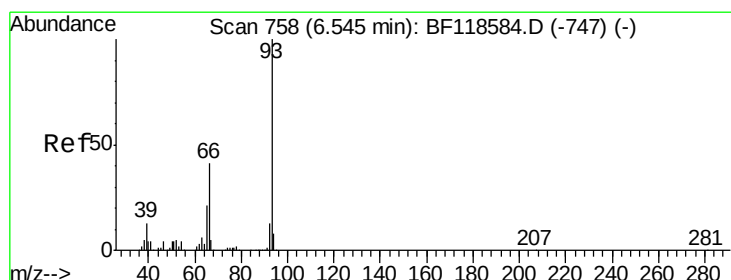
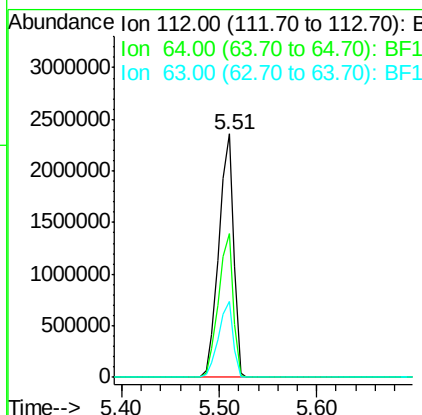
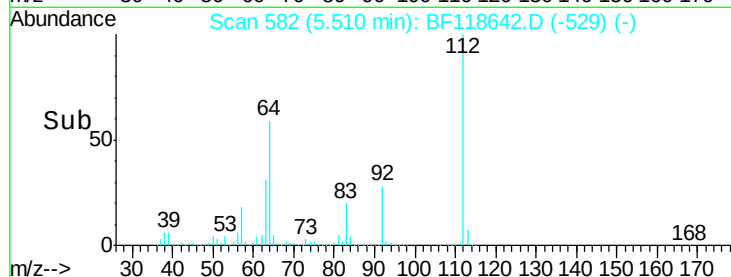
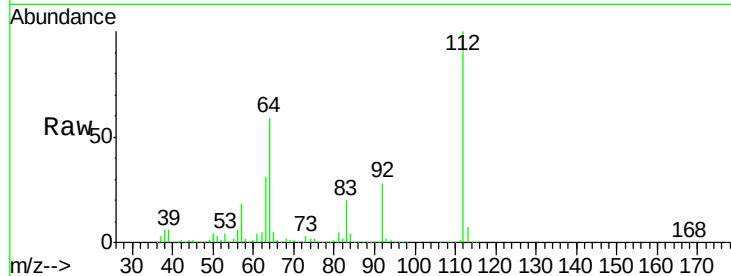
#5
 2-Fluorophenol
 Concen: 121.678 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

Tot Ion:	112	Resp:	2483007
Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.6	70.0
63	31.2	25.1	37.7

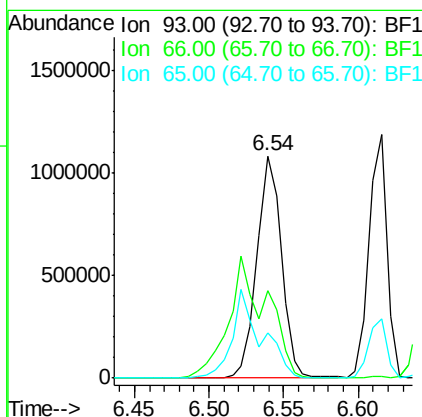
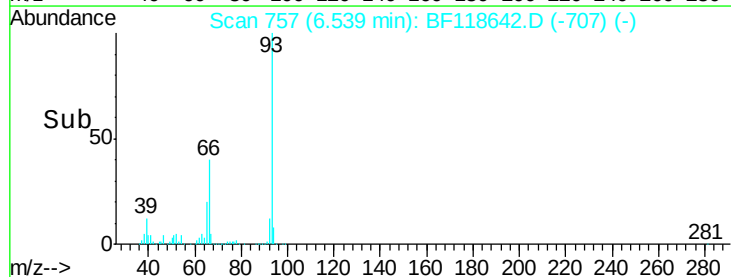
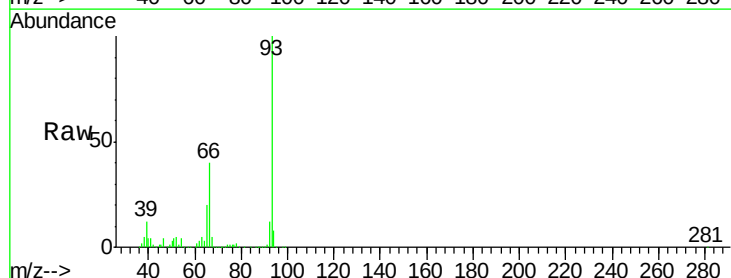
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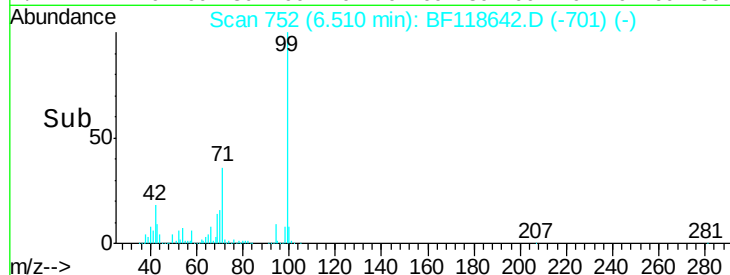
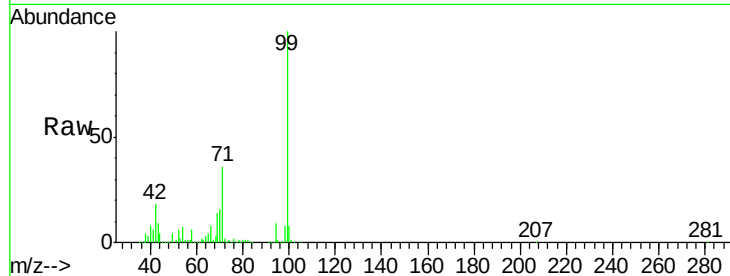
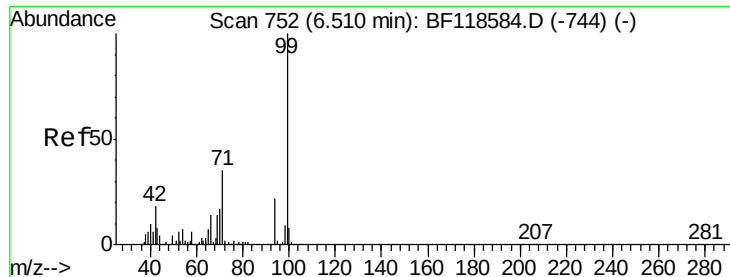
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#6
 Aniline
 Concen: 35.269 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion:	93	Resp:	1231766
Ion	Ratio	Lower	Upper
93	100		
66	39.5	32.8	49.2
65	20.3	16.5	24.7





#7

Phenol-d6

Concen: 121.197 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Tot Ion: 99 Resp: 3214523

Ion Ratio Lower Upper

99 100

42 18.0 14.2 21.2

71 35.8 27.8 41.6

Instrument :

BNA_F

ClientSampleId :

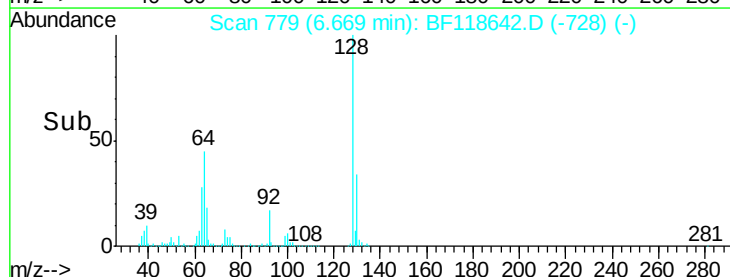
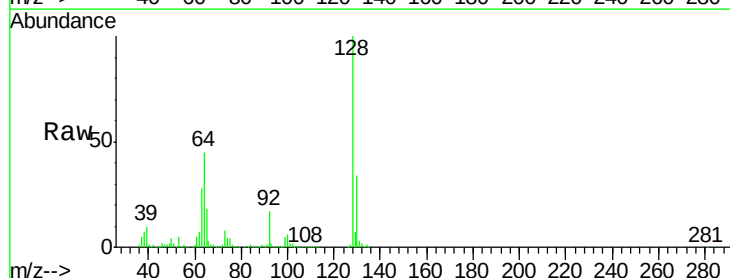
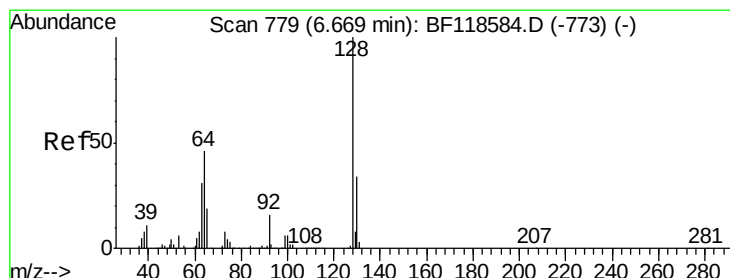
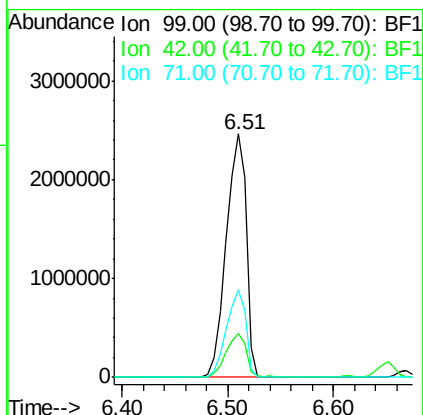
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#8

2-Chlorophenol

Concen: 45.310 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

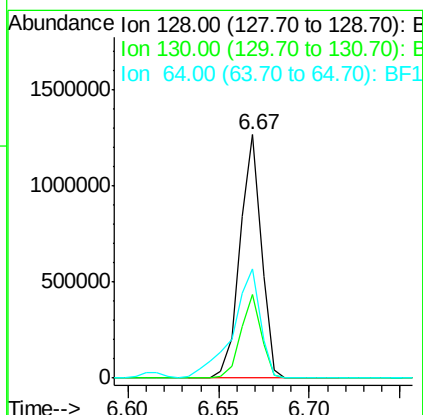
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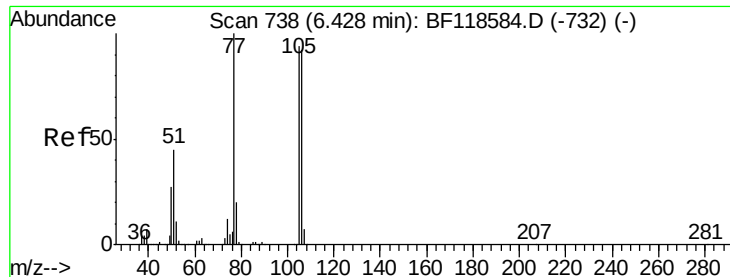
Ion Ratio Lower Upper

128 100

130 34.3 13.6 53.6

64 45.1 26.4 66.4





#9

Benzaldehyde

Concen: 35.286 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

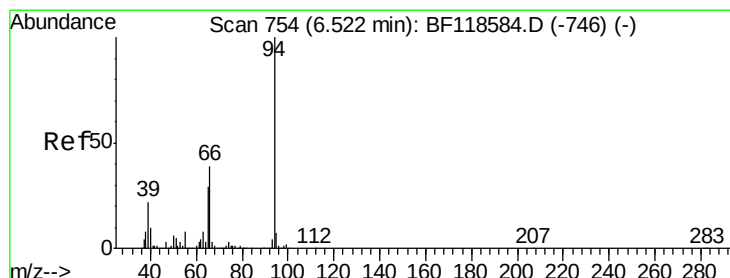
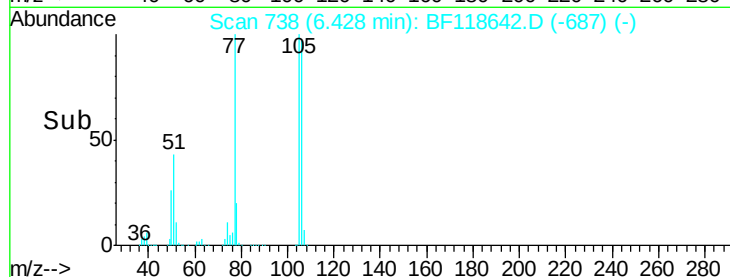
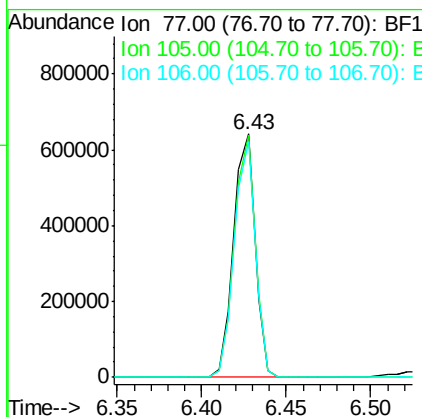
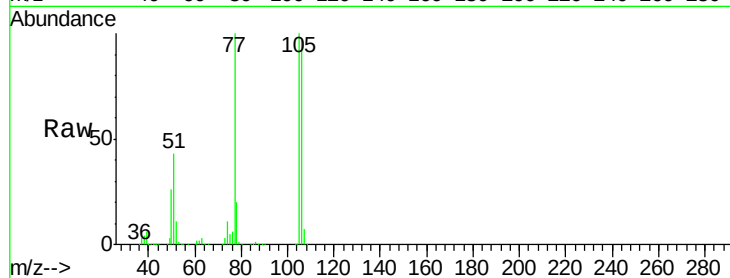
ClientSampleId :

PB126243BS

Tot Ion:	77	Resp:	569168
Ion	Ratio	Lower	Upper
77	100		
105	99.8	73.5	113.5
106	96.9	71.9	111.9

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#10

Phenol

Concen: 42.665 ng

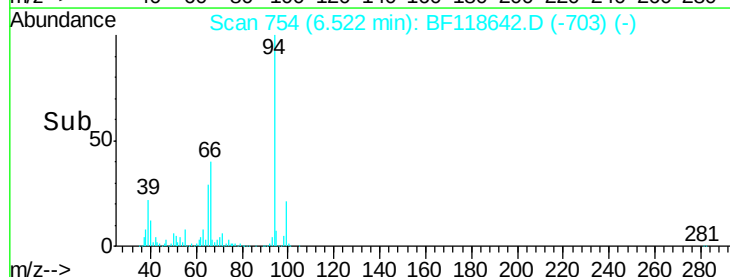
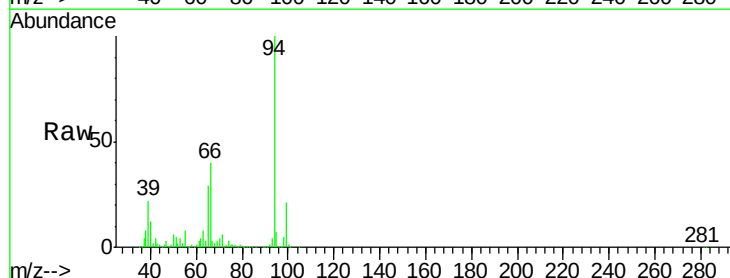
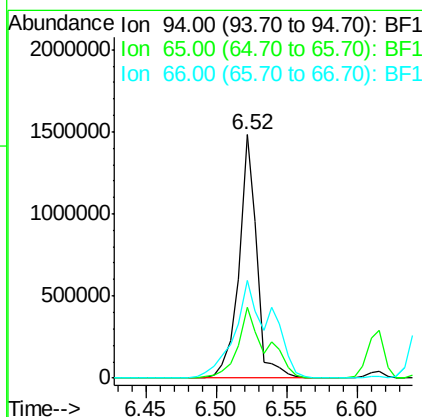
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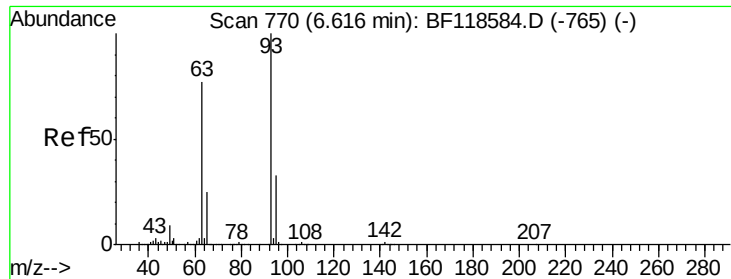
Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Tgt Ion:	94	Resp:	1289600
Ion	Ratio	Lower	Upper
94	100		
65	29.3	9.5	49.5
66	40.1	18.5	58.5





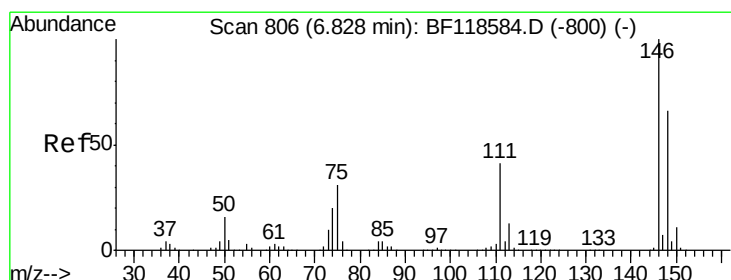
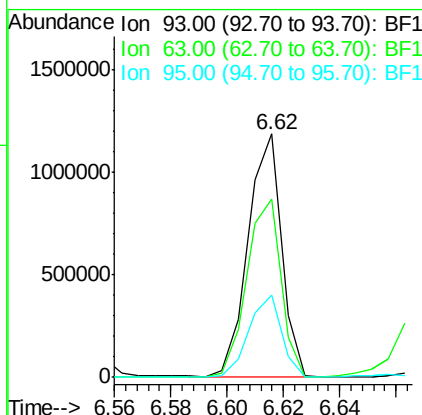
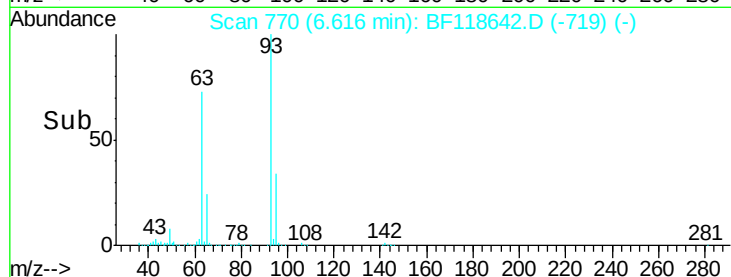
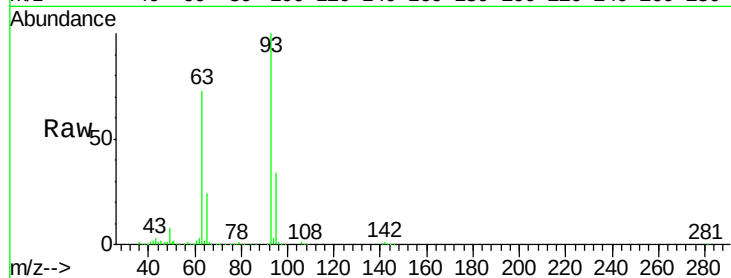
#11
bis(2-Chloroethyl)ether
Concen: 43.633 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.5	56.3	96.3
95	33.8	13.3	53.3

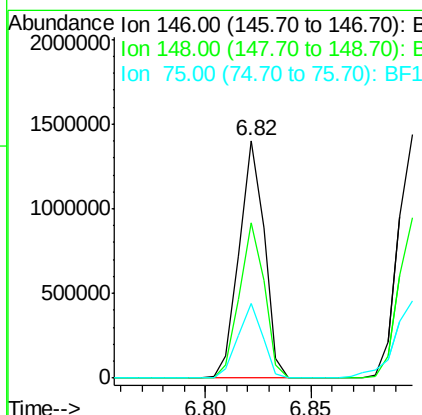
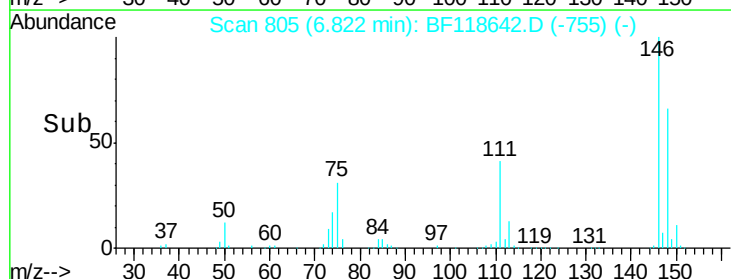
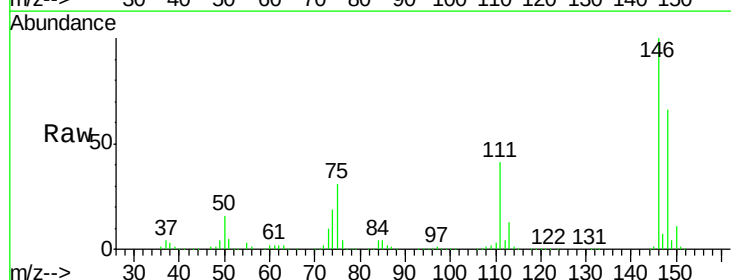
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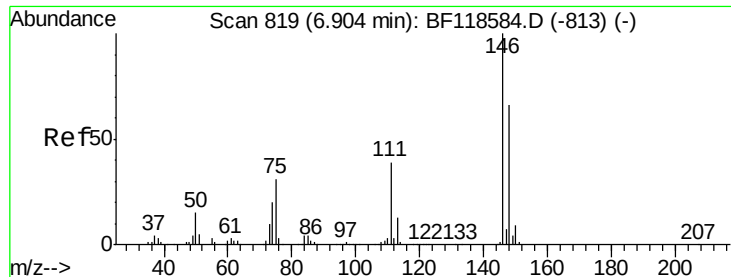
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.071 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.0	79.6
75	31.5	25.1	37.7





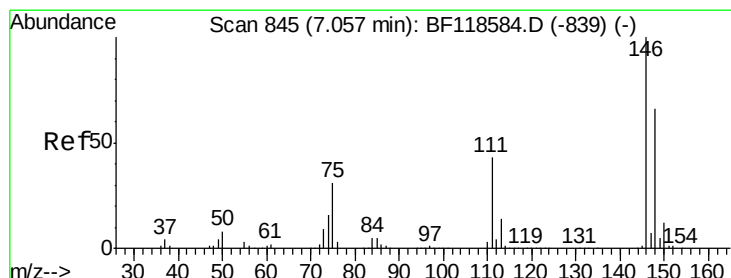
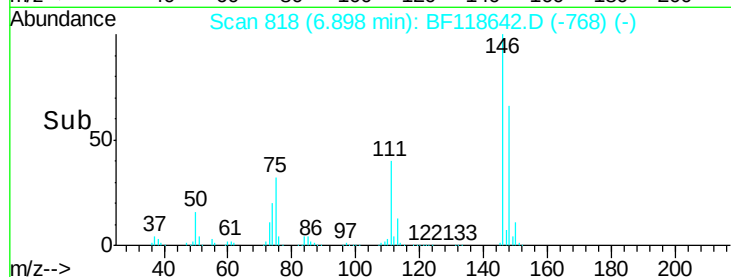
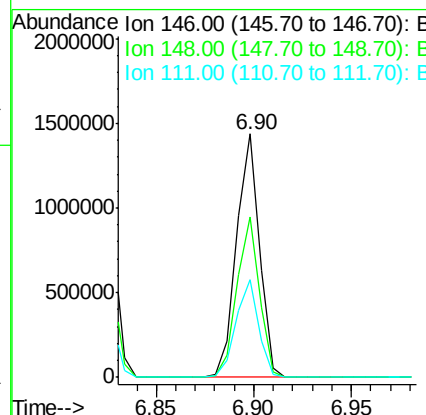
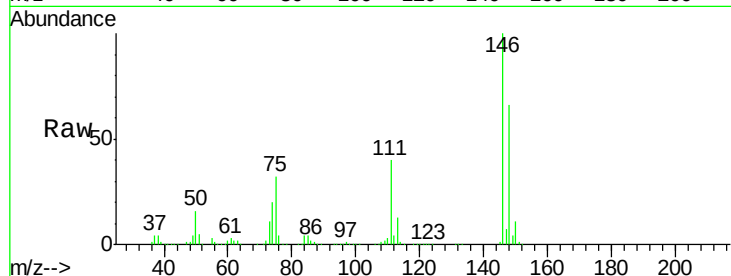
#13
1,4-Dichlorobenzene
Concen: 43.304 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion:146 Resp: 1165362
Ion Ratio Lower Upper
146 100
148 66.1 52.4 78.6
111 40.1 31.6 47.4

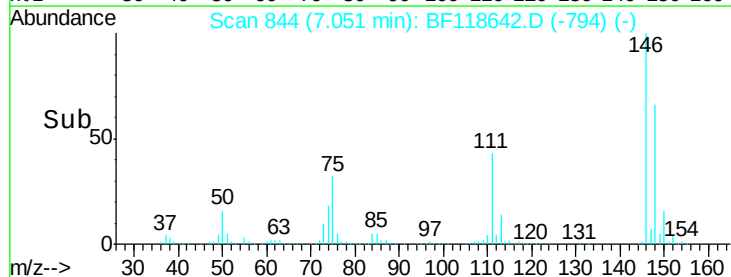
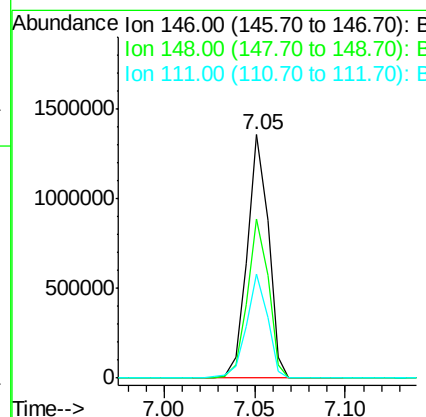
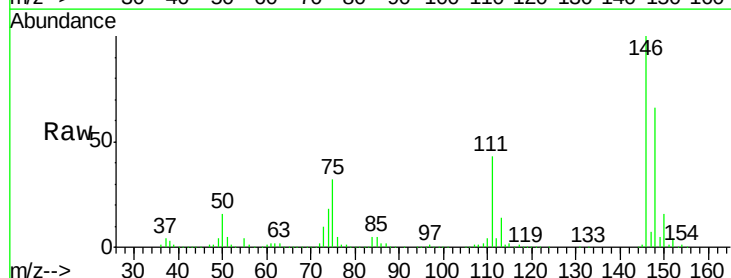
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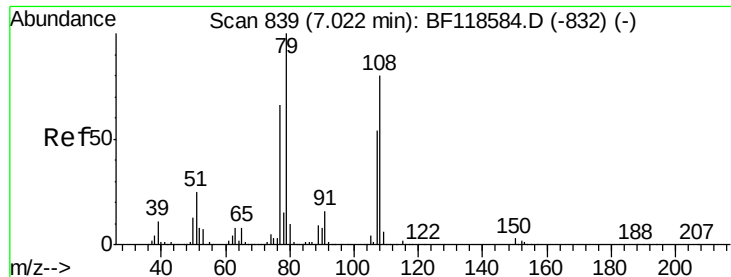
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#14
1,2-Dichlorobenzene
Concen: 43.592 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion:146 Resp: 1102807
Ion Ratio Lower Upper
146 100
148 65.6 52.7 79.1
111 42.7 34.6 52.0





#15

Benzyl Alcohol

Concen: 44.172 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

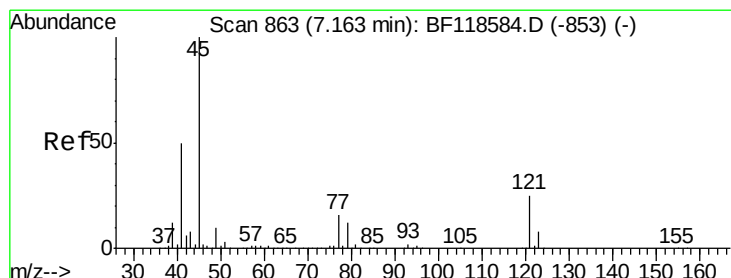
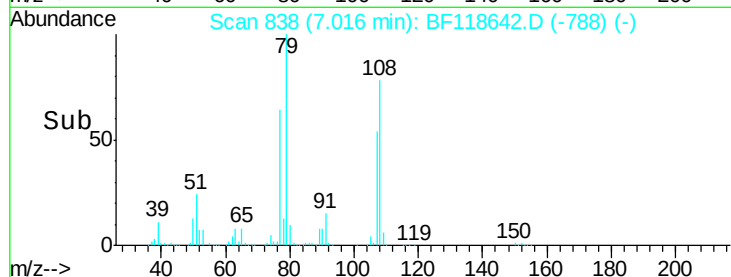
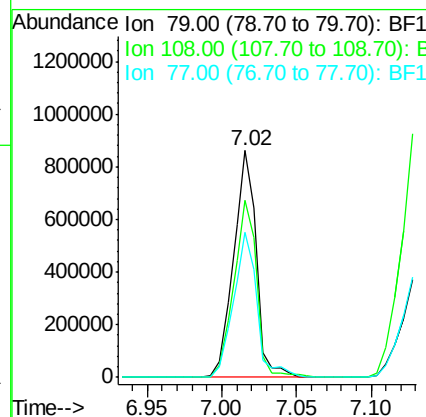
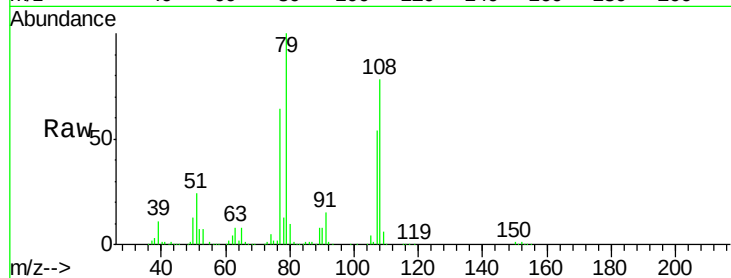
ClientSampleId :

PB126243BS

Tot Ion:	79	Resp:	929085
Ion Ratio	Lower	Upper	
79	100		
108	78.3	63.6	95.4
77	64.0	52.5	78.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.053 ng

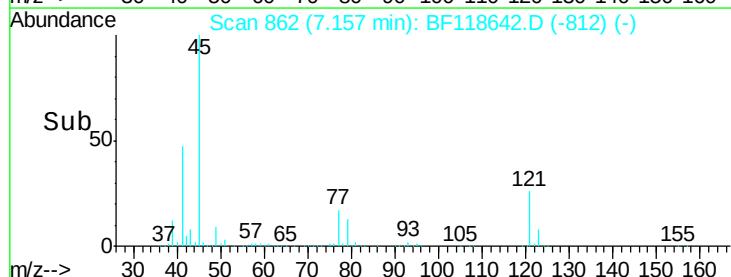
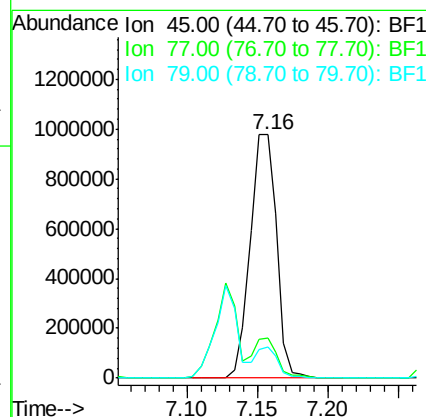
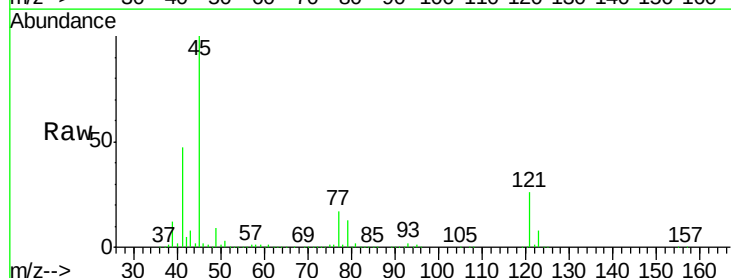
RT: 7.16 min Scan# 862

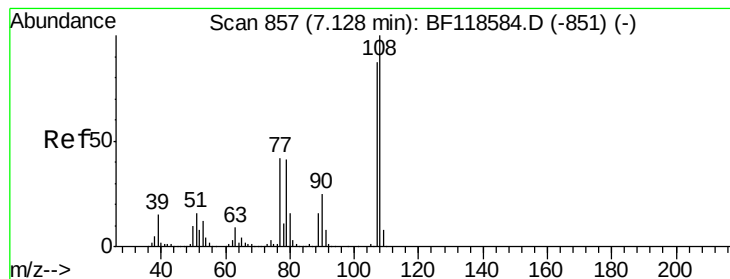
Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Tgt Ion:	45	Resp:	1282357
Ion Ratio	Lower	Upper	
45	100		
77	16.6	0.0	36.1
79	12.8	0.0	32.4





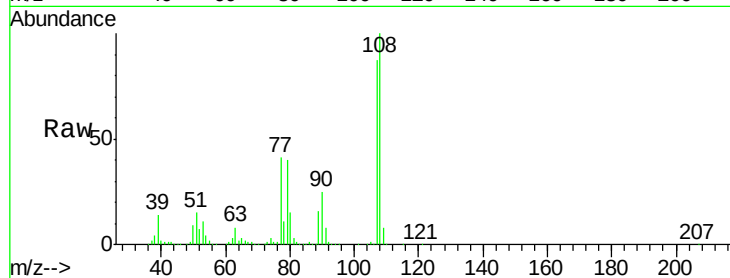
#17
2-Methylphenol
Concen: 45.177 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

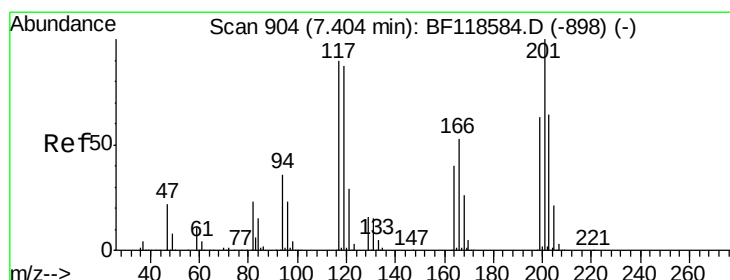
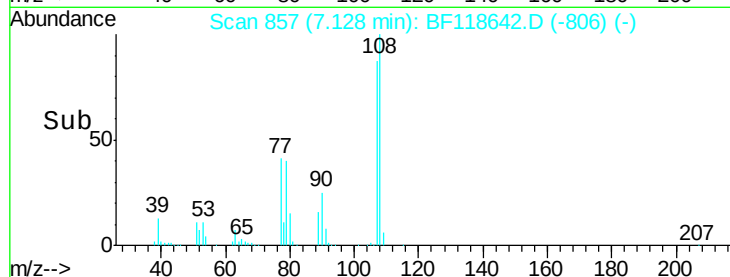
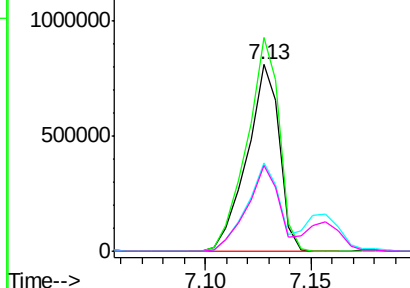
Tot Ion	Ratio	Resp	Lower	Upper
107	100	861936		
108	114.6	91.5	137.3	
77	47.1	38.7	58.1	
79	46.1	37.7	56.5	

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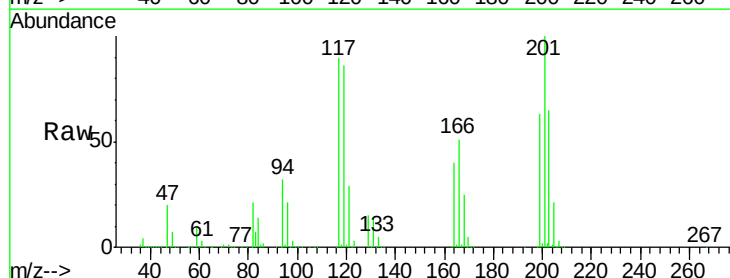


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

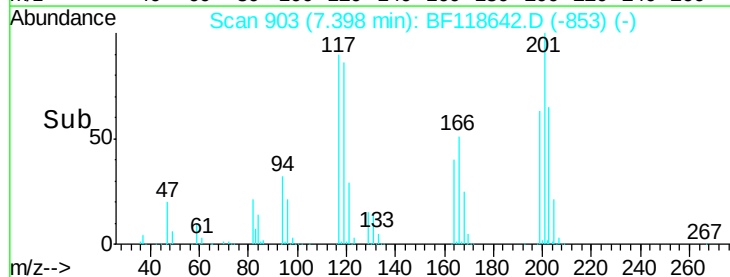
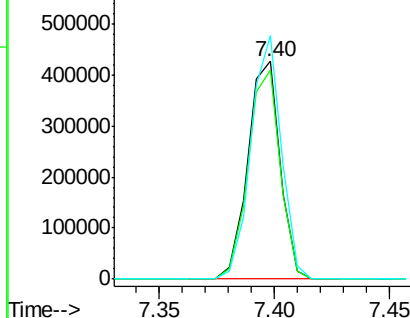


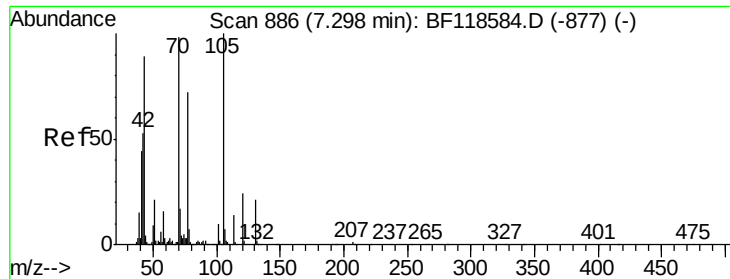
#18
Hexachloroethane
Concen: 42.585 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	415562		
119	96.0	77.6	116.4	
201	111.7	88.8	133.2	



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





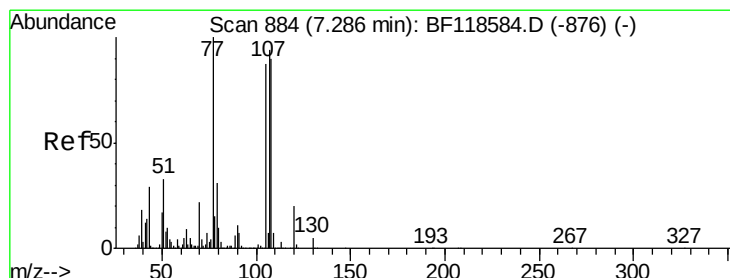
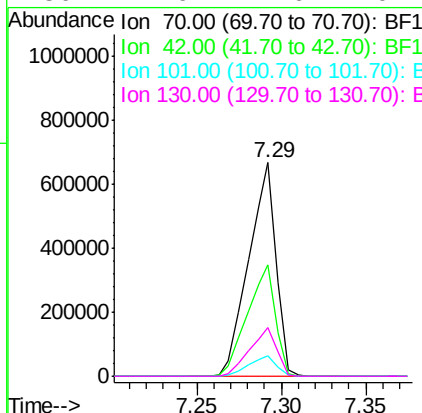
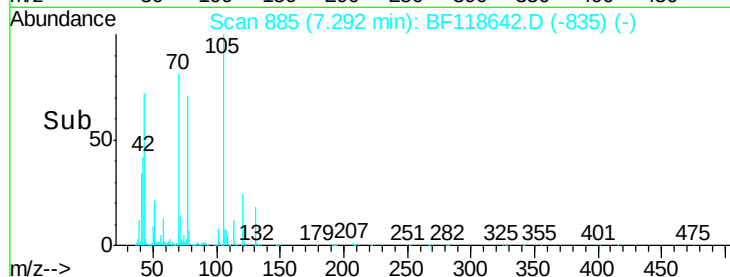
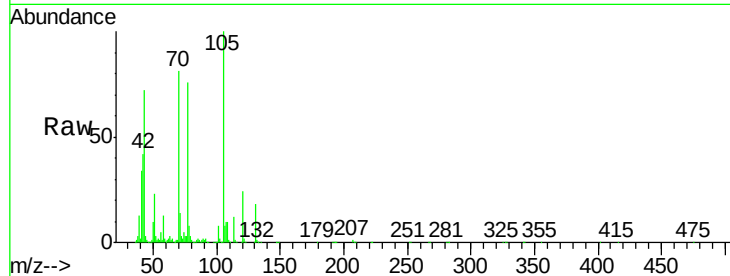
#19
n-Nitroso-di-n-propylamine
Concen: 42.010 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.3	43.4	65.0	
101	9.6	8.1	12.1	
130	22.6	17.6	26.4	

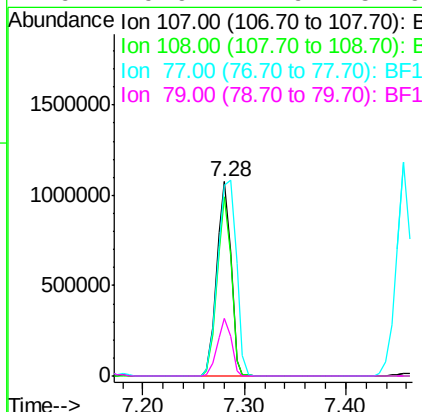
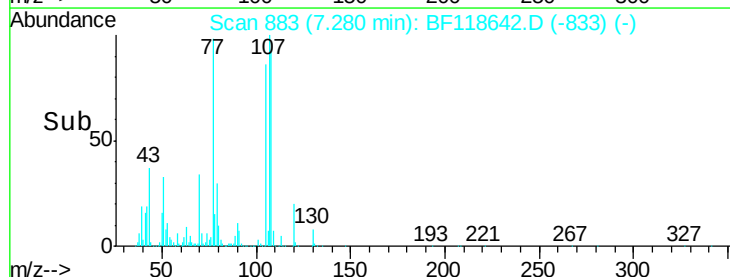
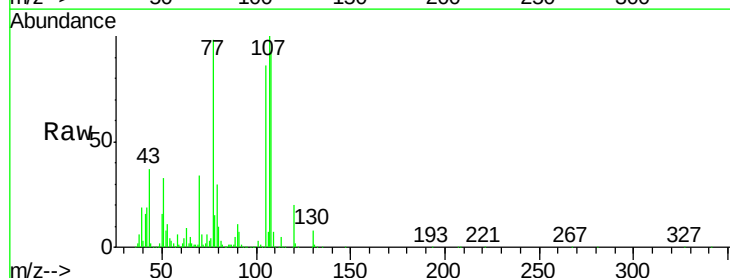
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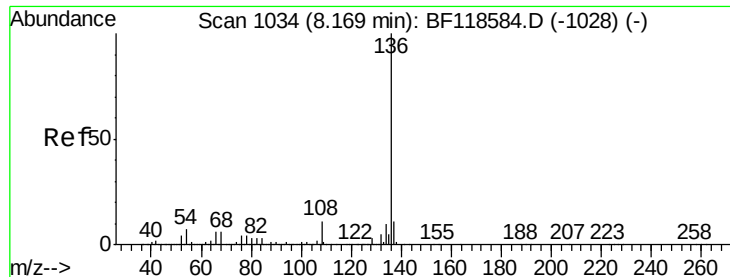
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#20
3+4-Methylphenols
Concen: 45.020 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.1	75.8	115.8	
77	98.3	86.5	126.5	
79	29.9	12.9	52.9	





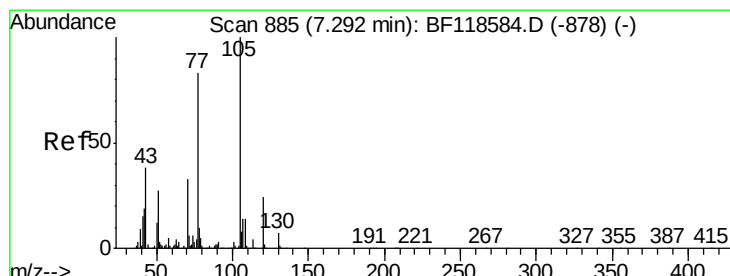
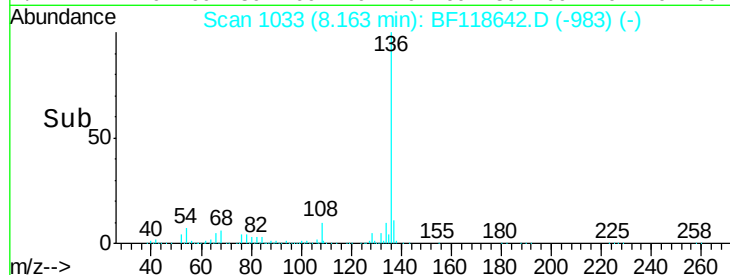
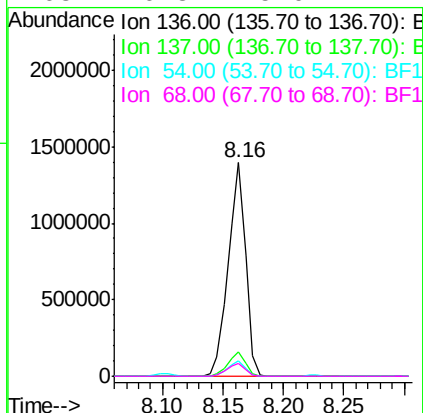
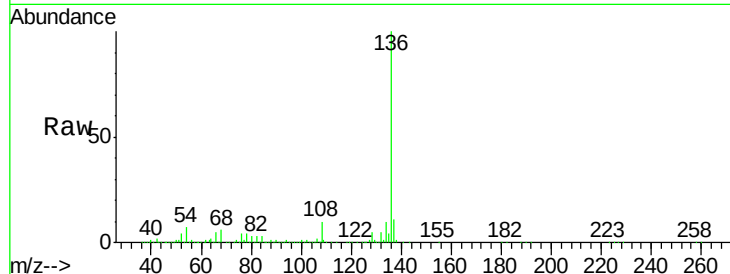
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion	136	Resp	1387122
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.2	5.8	8.6
68	6.3	5.0	7.4

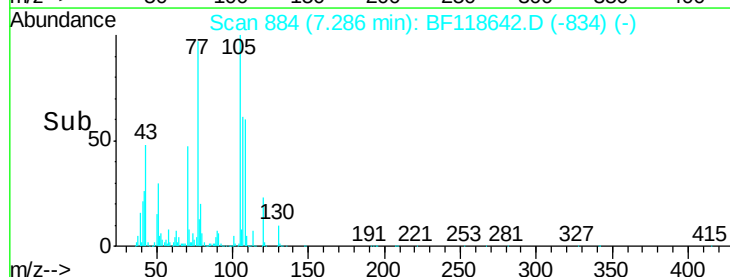
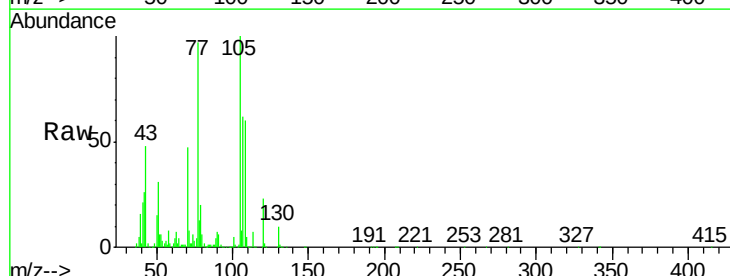
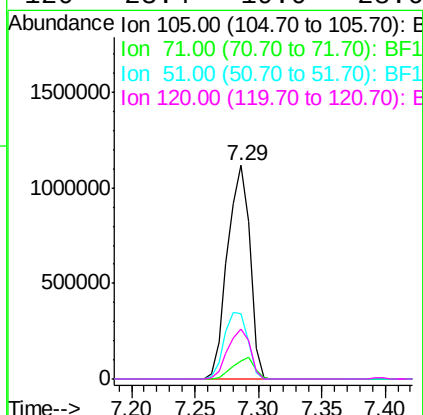
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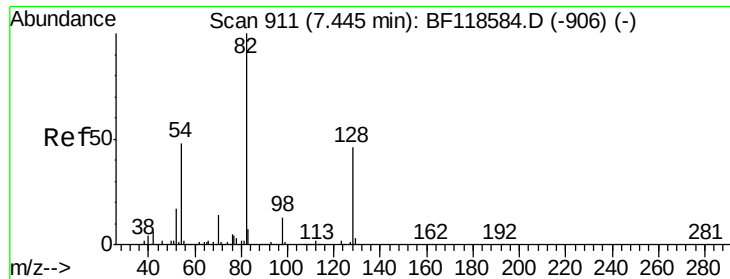
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#22
Acetophenone
Concen: 41.471 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	105	Resp	1362717
Ion	Ratio	Lower	Upper
105	100		
71	8.3	4.5	6.7#
51	30.7	21.5	32.3
120	23.4	19.0	28.6





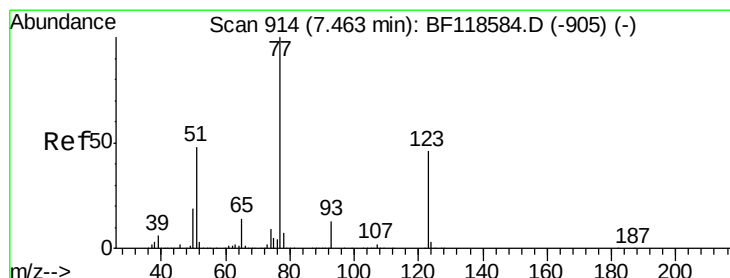
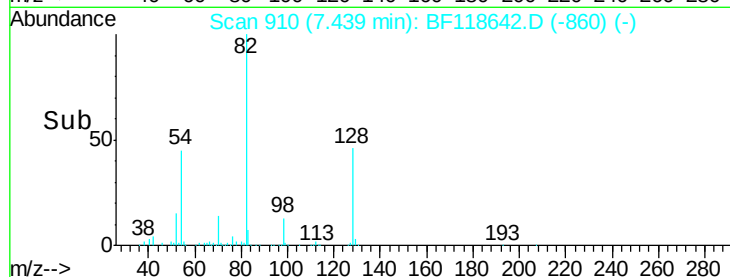
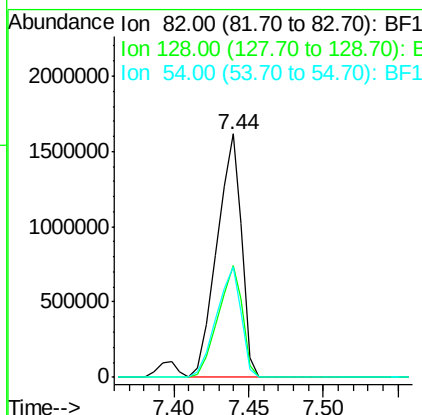
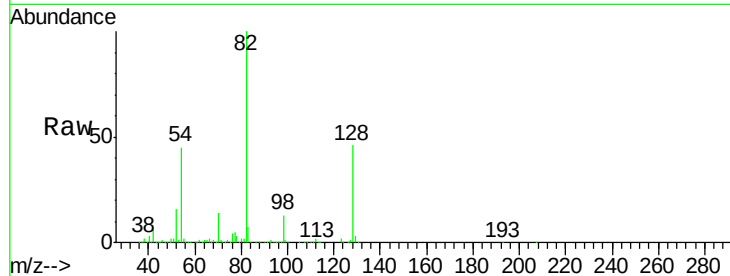
#23
 Nitrobenzene-d5
 Concen: 75.141 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

Tot Ion: 82 Resp: 1863443
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.6 54.8
 54 45.2 38.0 57.0

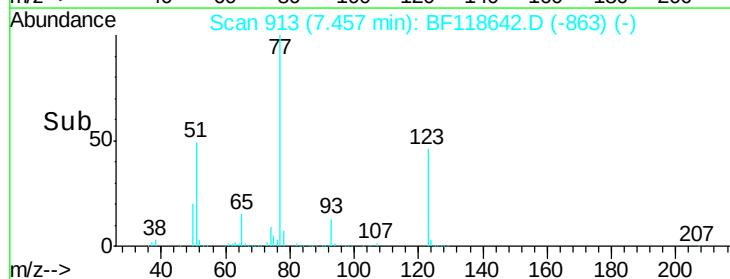
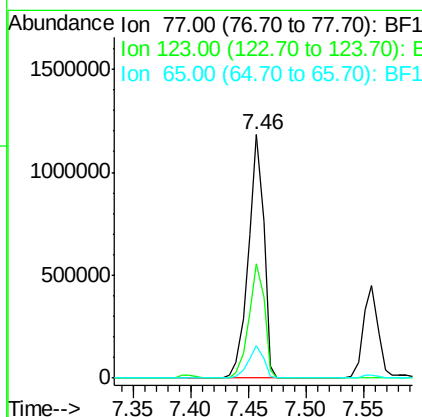
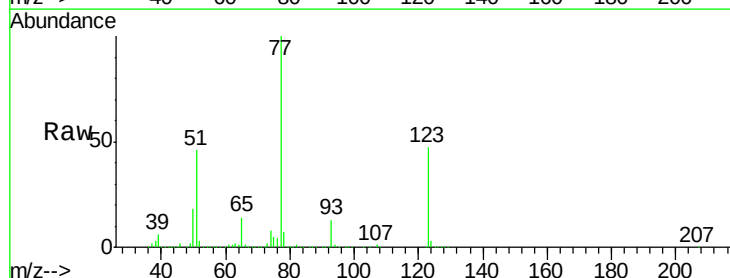
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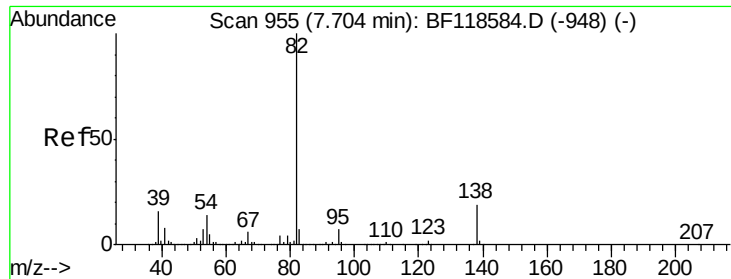
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#24
 Nitrobenzene
 Concen: 42.863 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion: 77 Resp: 1088416
 Ion Ratio Lower Upper
 77 100
 123 47.1 37.0 55.4
 65 13.5 11.1 16.7





#25

Isophorone

Concen: 44.085 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

Tot Ion: 82 Resp: 1994094

Ion Ratio Lower Upper

82 100

95 7.1 5.9 8.9

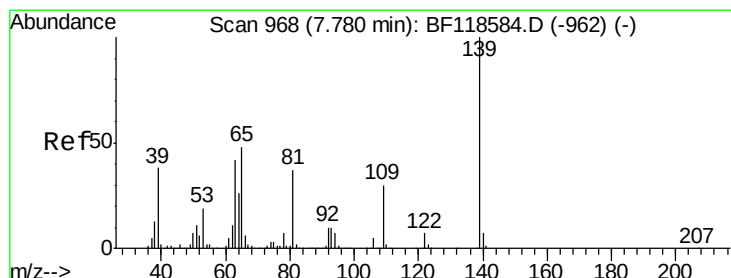
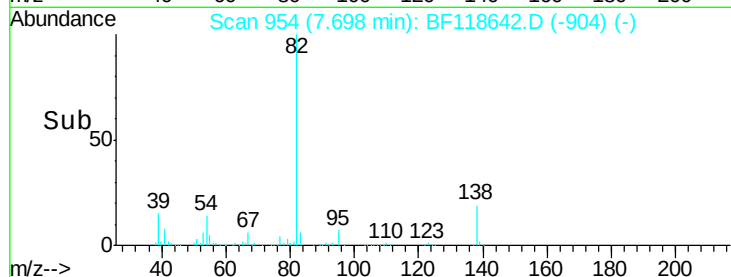
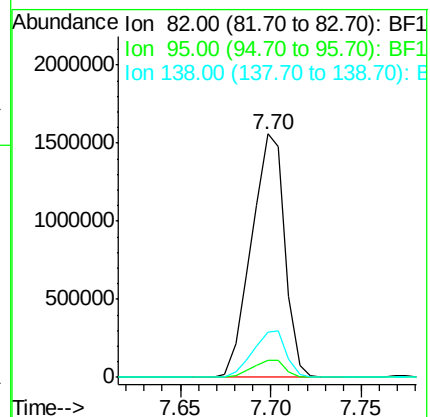
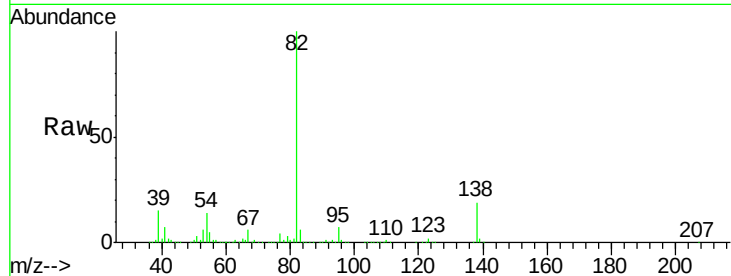
138 18.7 15.3 22.9

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#26

2-Nitrophenol

Concen: 49.203 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

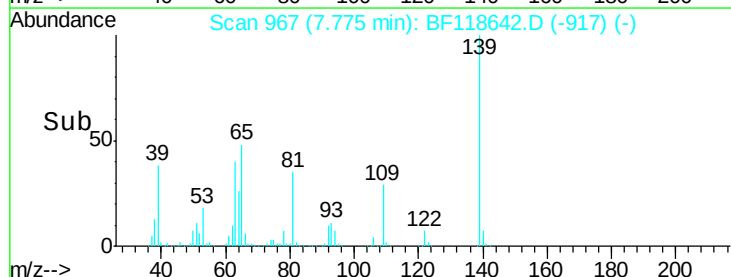
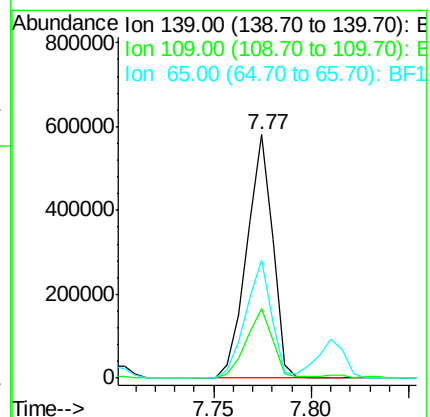
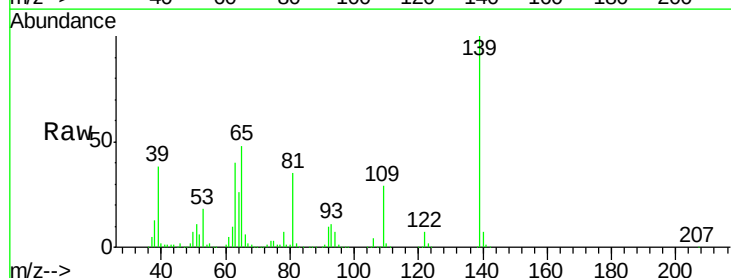
Tgt Ion: 139 Resp: 532793

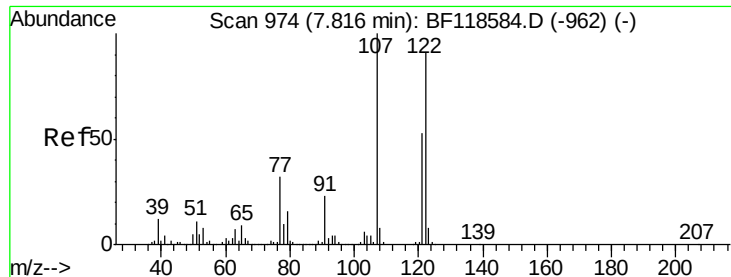
Ion Ratio Lower Upper

139 100

109 28.8 23.8 35.8

65 48.4 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 49.701 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

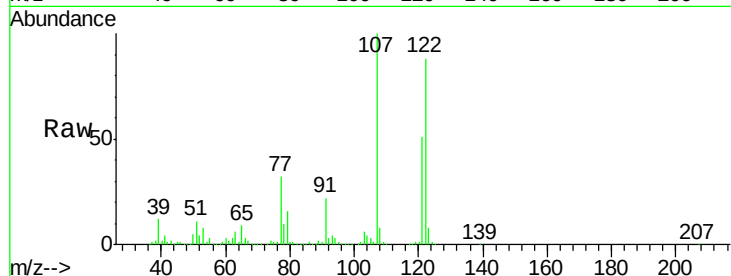
ClientSampled :

PB126243BS

Tot Ion:	122	Resp:	929354
Ion Ratio	Lower	Upper	
122	100		
107	114.2	88.0	132.0
121	58.6	46.3	69.5

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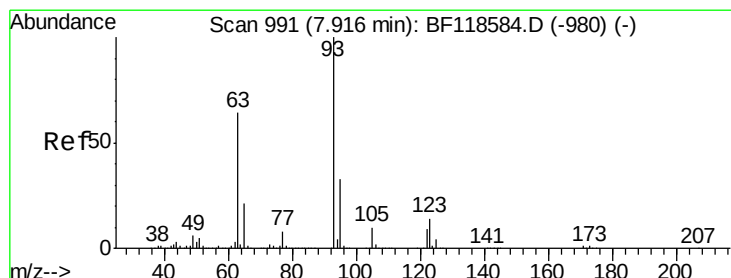
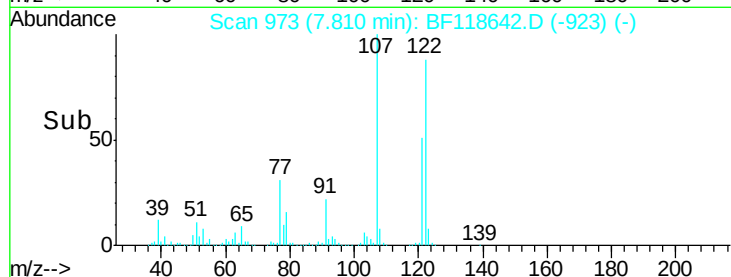
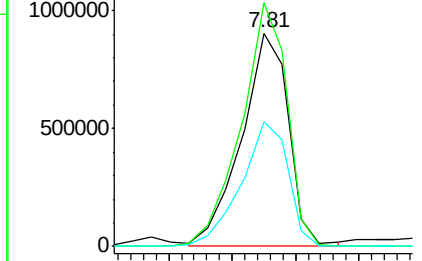
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.205 ng

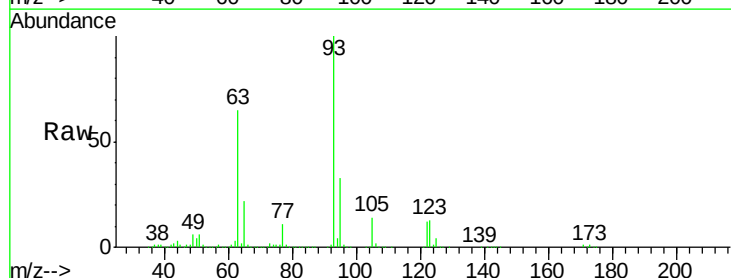
RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

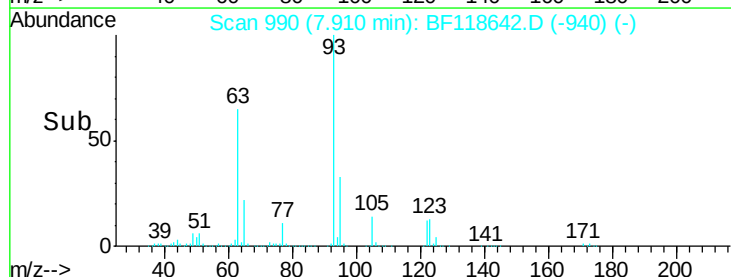
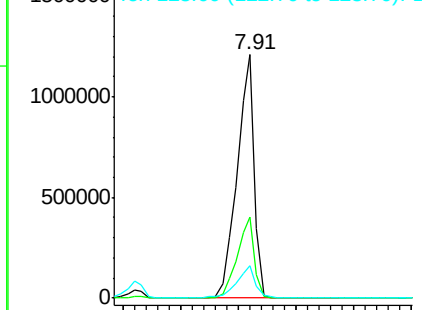
Tgt Ion:	93	Resp:	1230084
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.7	40.1
123	13.1	11.0	16.6

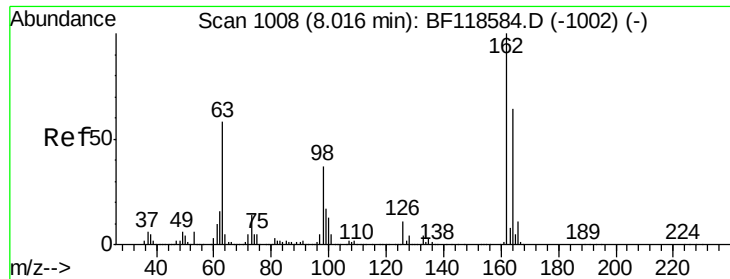


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





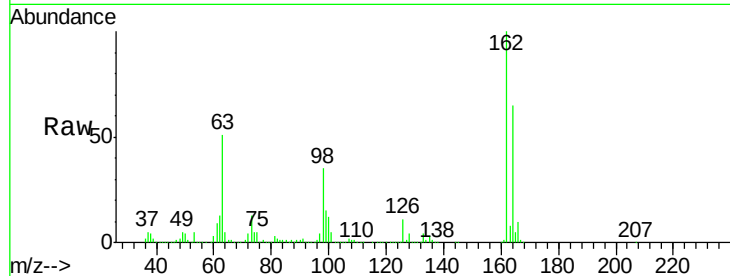
#29
2,4-Dichlorophenol
Concen: 45.098 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampled :
PB126243BS

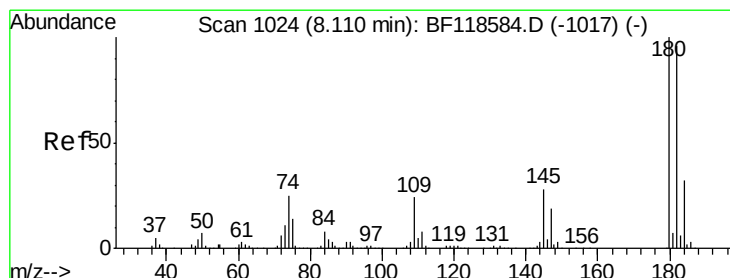
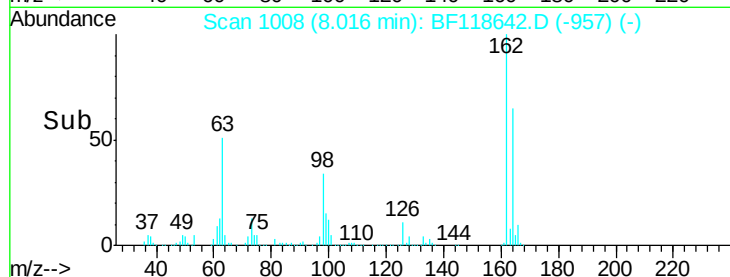
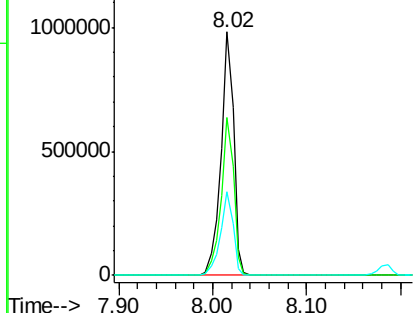
Tot Ion	Ratio	Resp	Lower	Upper
162	100	932205		
164	64.7		44.3	84.3
98	34.6		17.5	57.5

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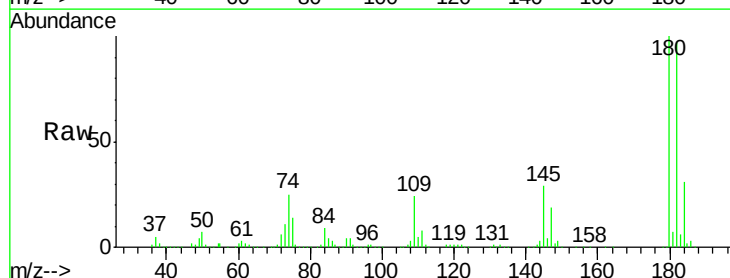


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

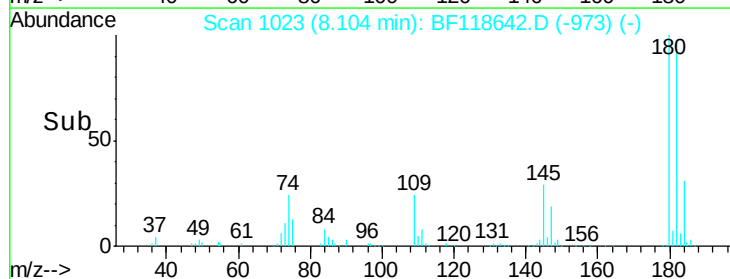
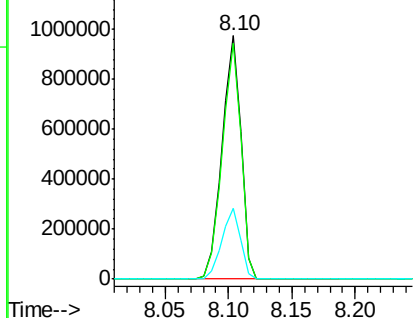


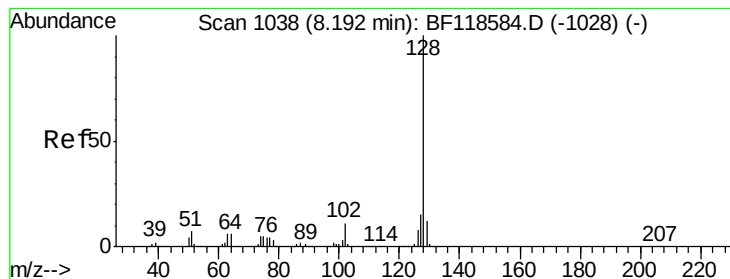
#30
1,2,4-Trichlorobenzene
Concen: 42.393 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1016044		
182	96.7		76.9	115.3
145	29.1		22.8	34.2



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





#31

Naphthalene

Concen: 46.459 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

Tot Ion:128 Resp: 2911160

Ion Ratio Lower Upper

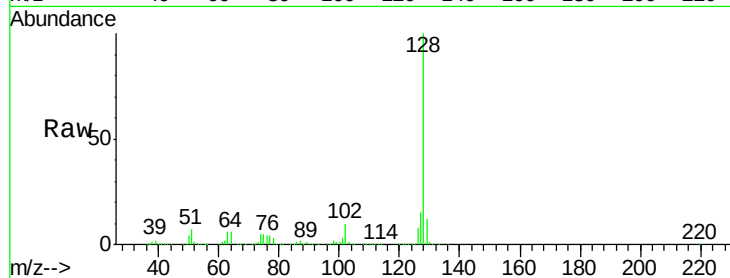
128 100

129 12.2 9.9 14.9

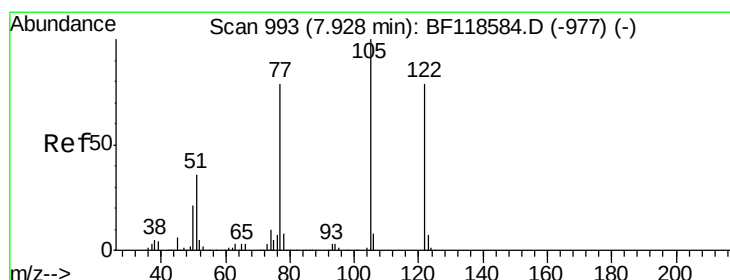
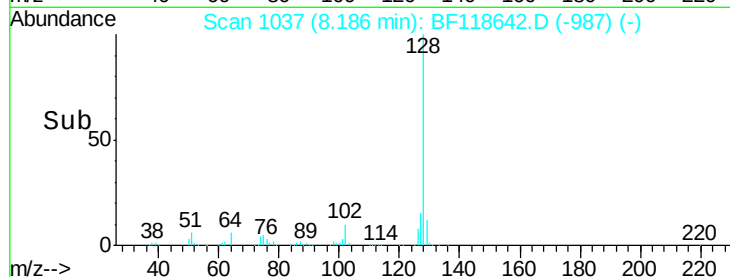
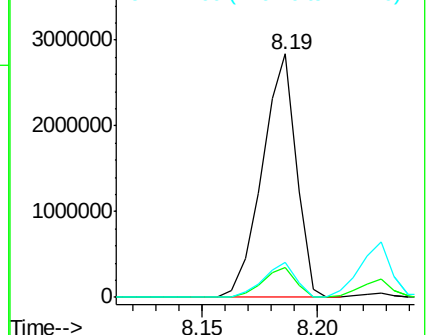
127 14.5 12.0 18.0

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



#32

Benzoic acid

Concen: 34.634 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

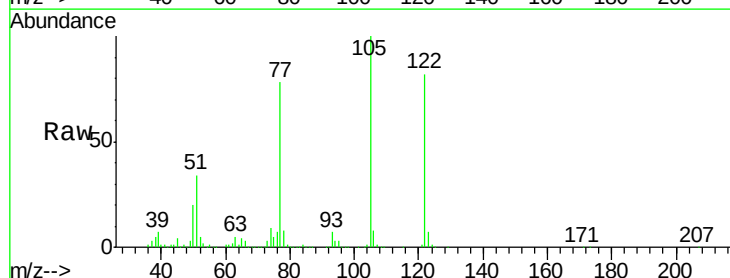
Tgt Ion:122 Resp: 486034

Ion Ratio Lower Upper

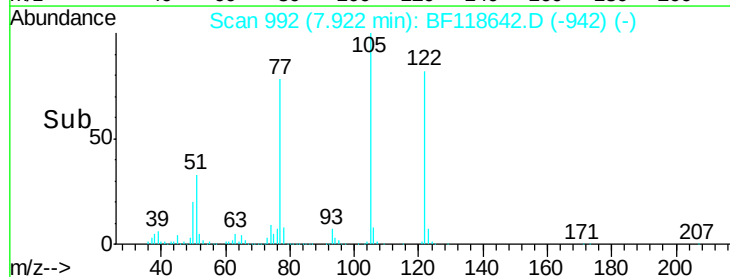
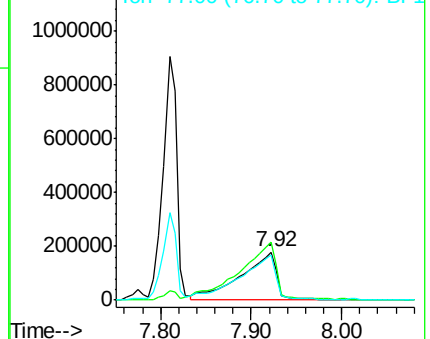
122 100

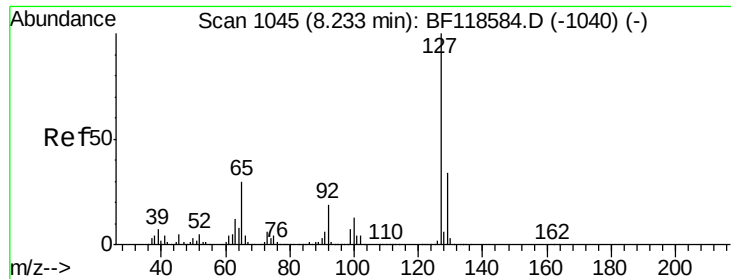
105 122.2 104.3 144.3

77 95.8 79.4 119.4



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





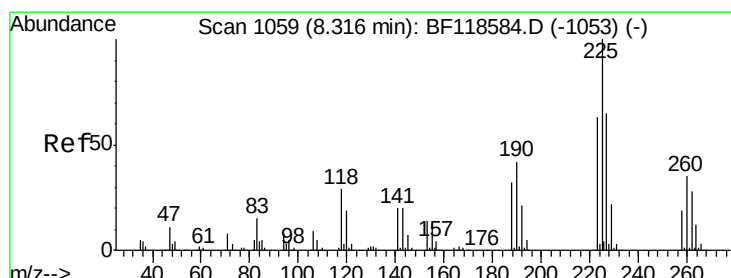
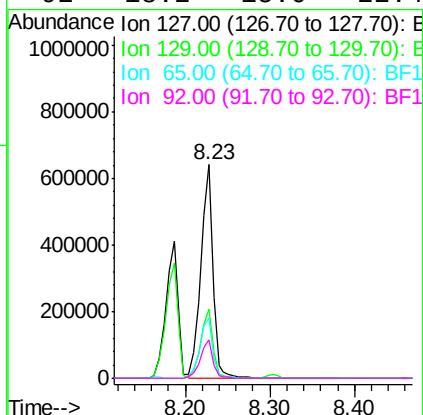
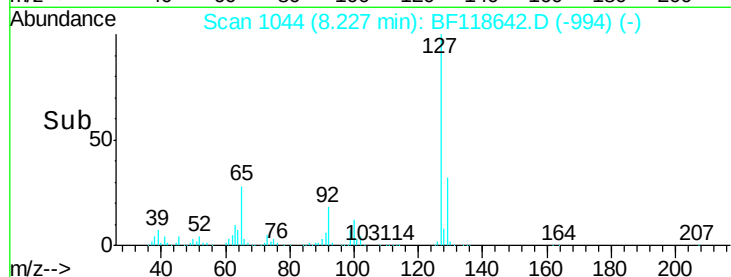
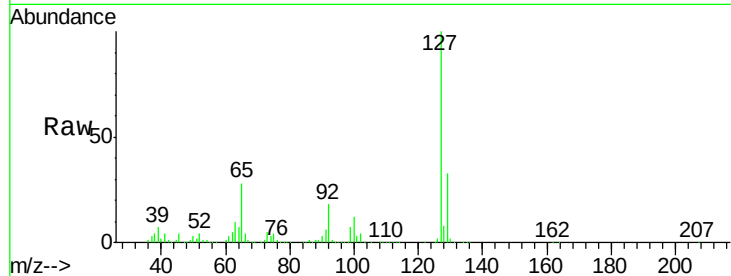
#33
4-Chloroaniline
Concen: 21.605 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	27.4	41.0		
65	27.9	23.6	35.4		
92	18.2	15.0	22.4		

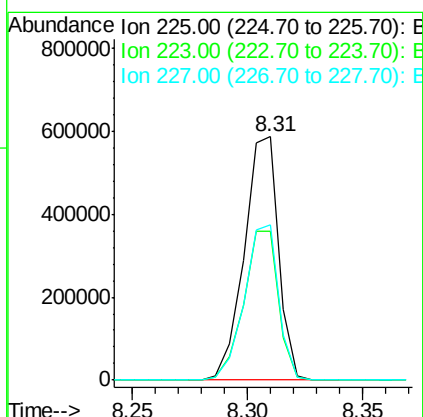
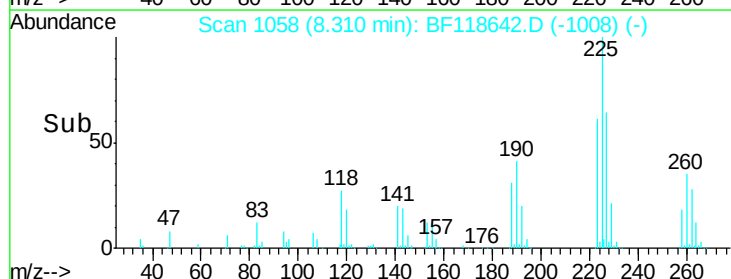
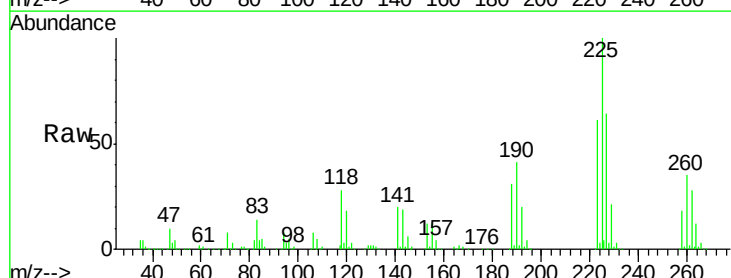
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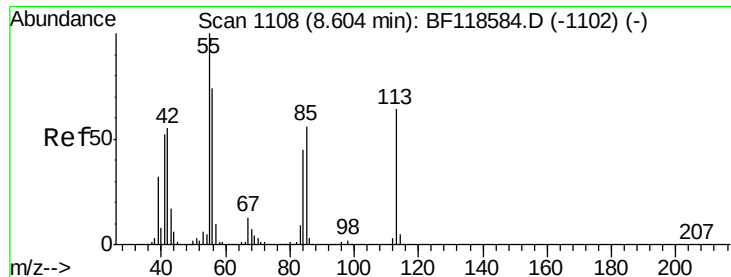
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#34
Hexachlorobutadiene
Concen: 41.750 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	50.2	75.4		
227	63.9	52.1	78.1		





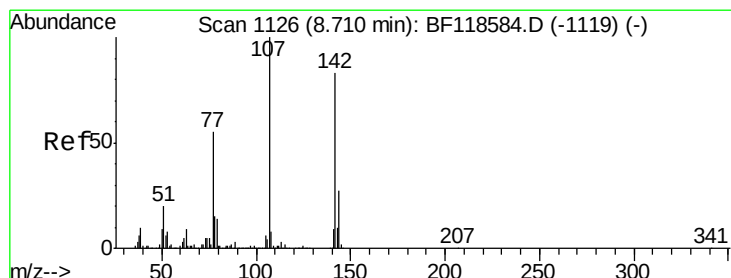
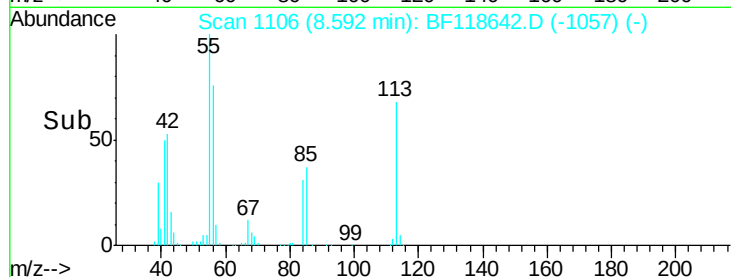
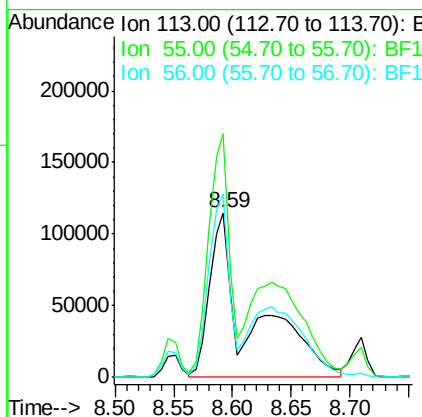
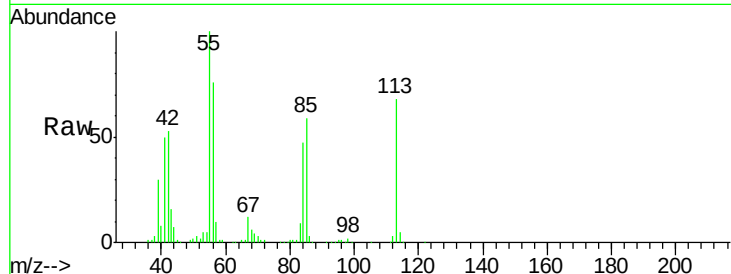
#35
Caprolactam
Concen: 41.013 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	147.8	136.1	176.1		
56	111.7	95.2	135.2		

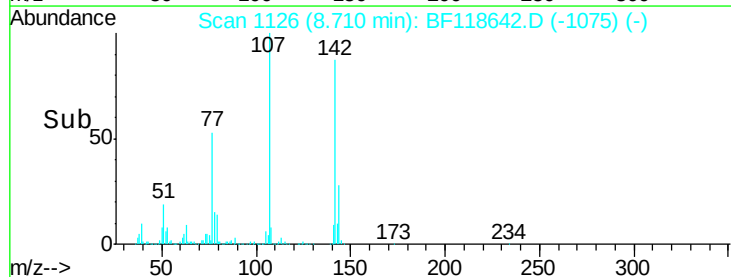
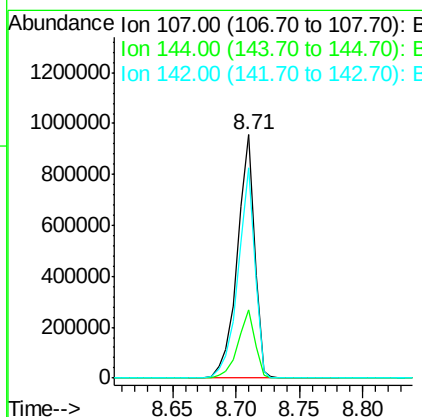
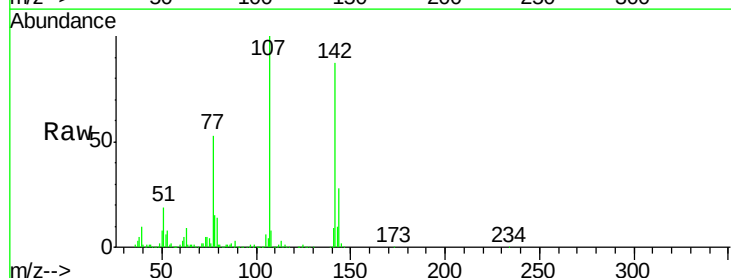
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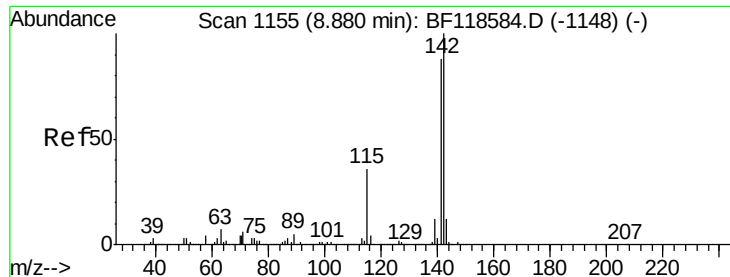
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#36
4-Chloro-3-methylphenol
Concen: 43.746 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	28.0	21.8	32.8		
142	86.6	66.5	99.7		





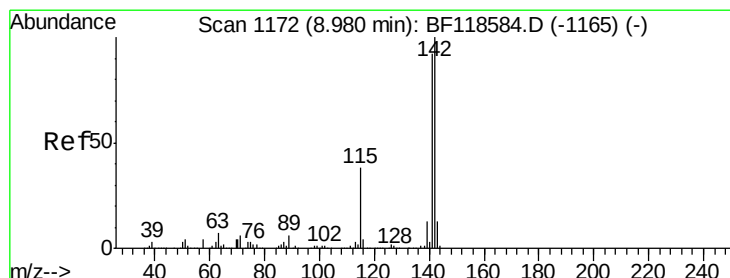
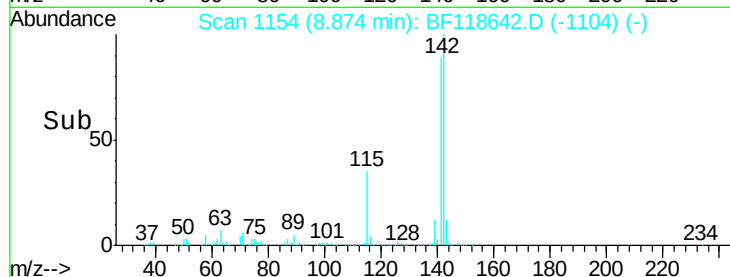
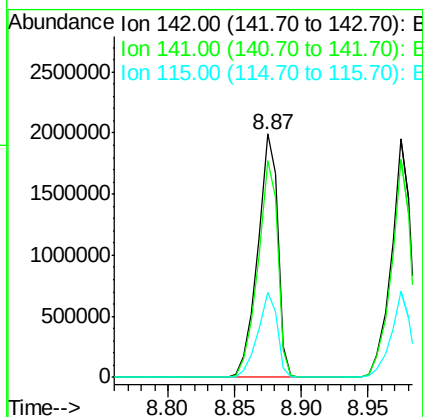
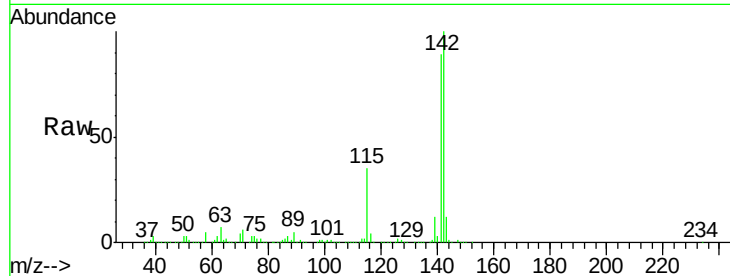
#37
2-Methylnaphthalene
Concen: 45.981 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampled :
PB126243BS

Tot Ion:142 Resp: 2033708
Ion Ratio Lower Upper
142 100
141 89.1 70.7 106.1
115 35.0 28.5 42.7

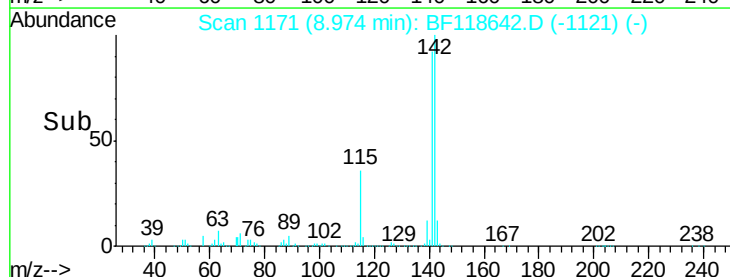
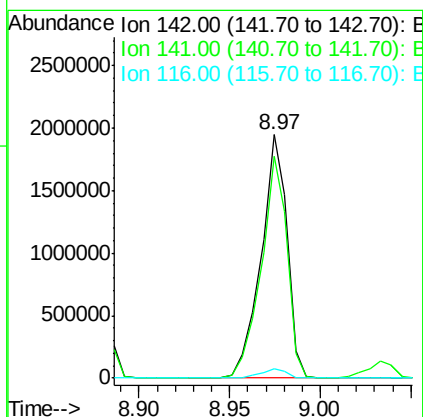
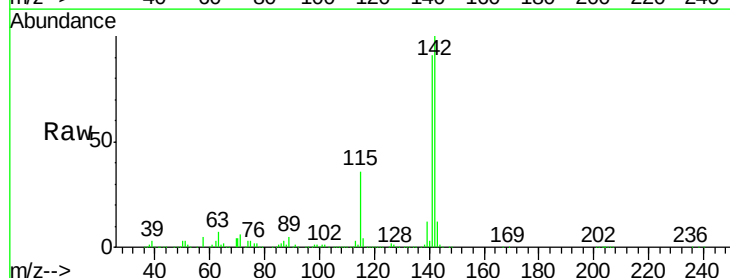
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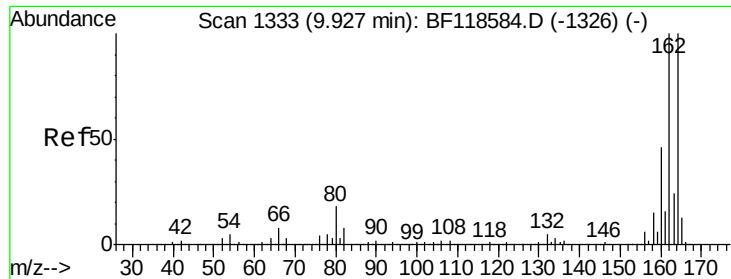
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#38
1-Methylnaphthalene
Concen: 46.092 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion:142 Resp: 1936816
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2
116 3.8 3.3 4.9





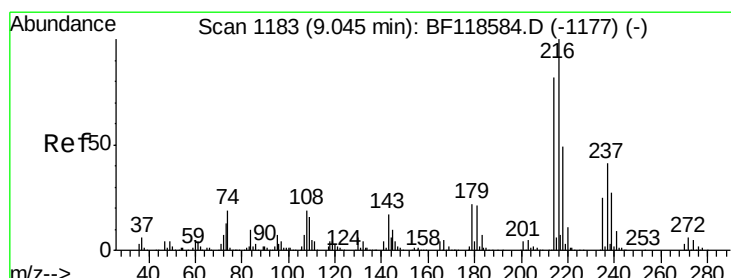
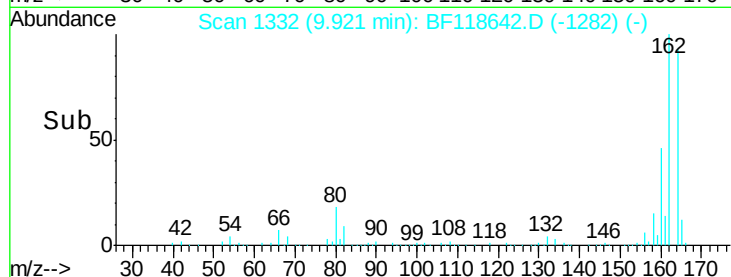
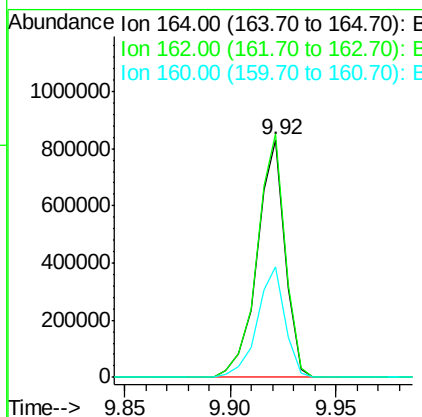
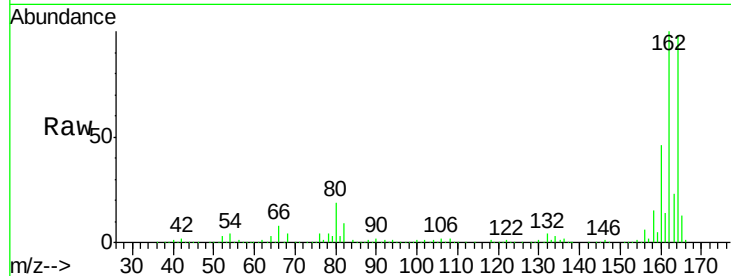
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.4	120.6
160	46.6	36.6	55.0

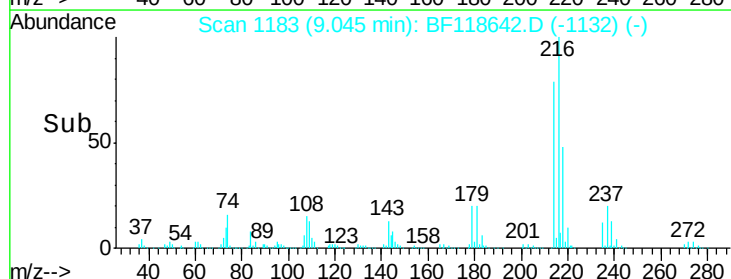
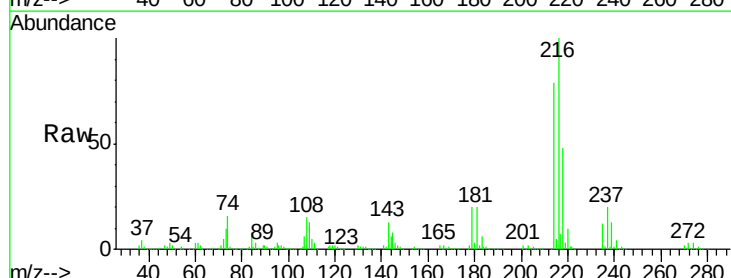
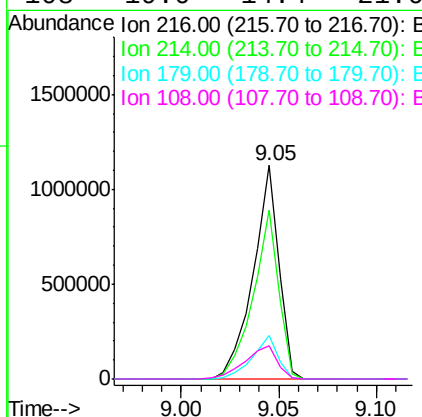
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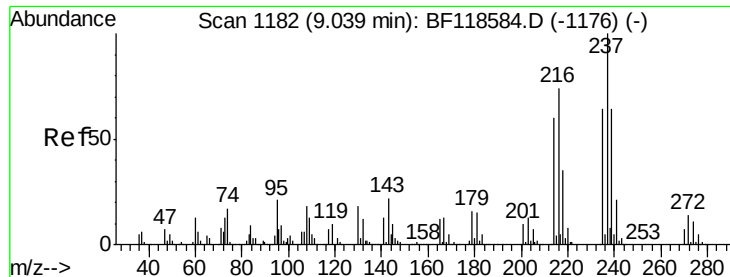
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.869 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	64.2	96.2
179	20.0	16.6	25.0
108	19.0	14.4	21.6





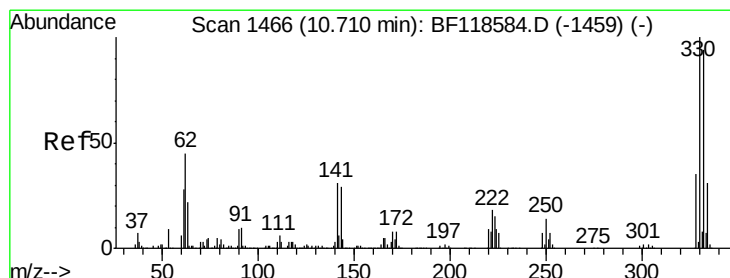
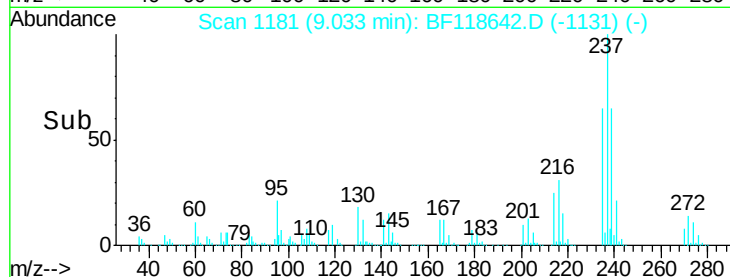
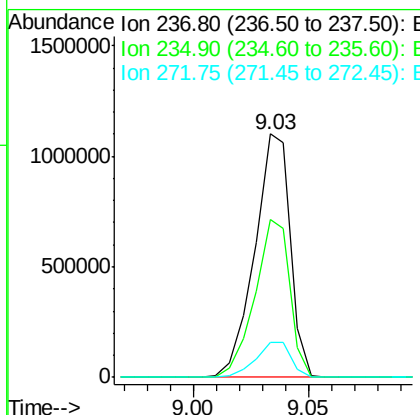
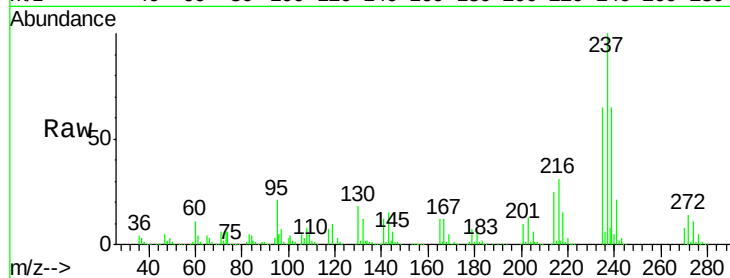
#41
Hexachlorocyclopentadiene
Concen: 97.658 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.8	44.0	84.0
272	14.2	0.0	34.0

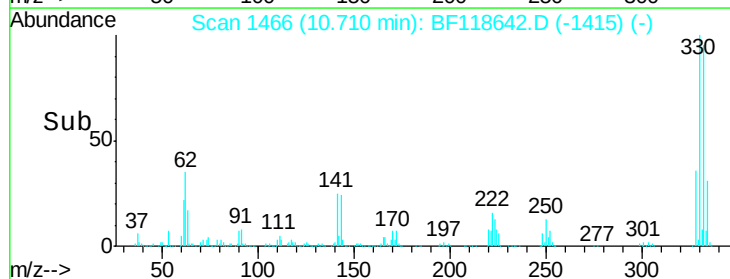
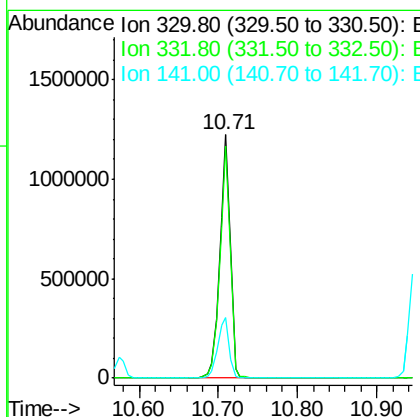
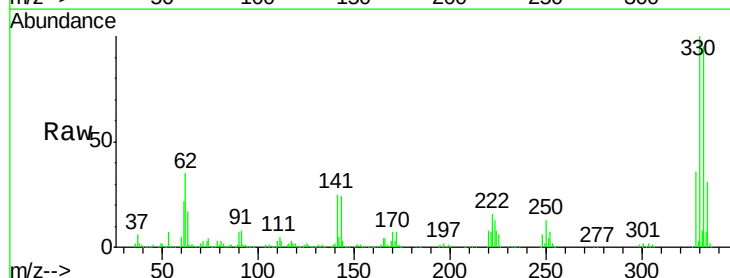
Manual Integrations
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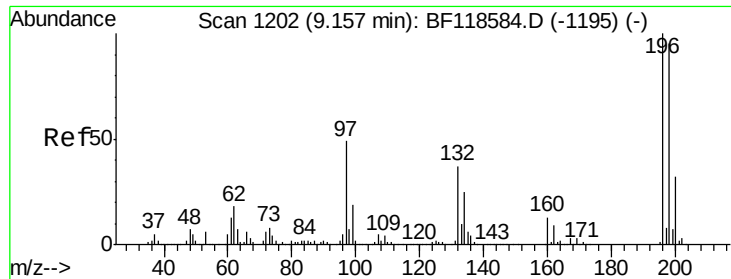
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#42
2,4,6-Tribromophenol
Concen: 125.803 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	27.1	23.9	35.9





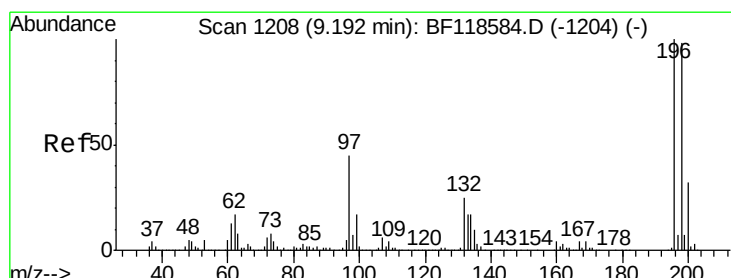
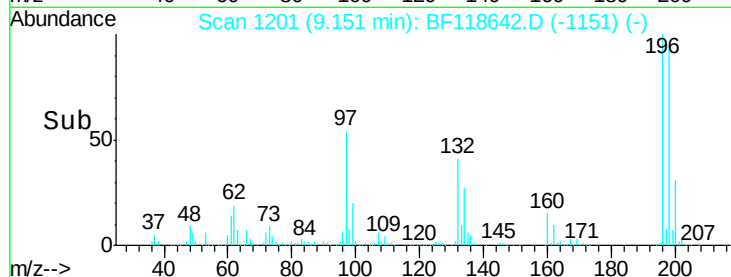
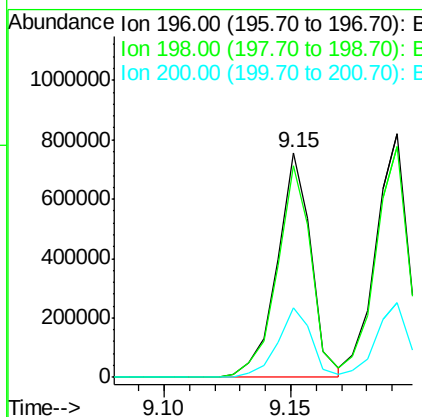
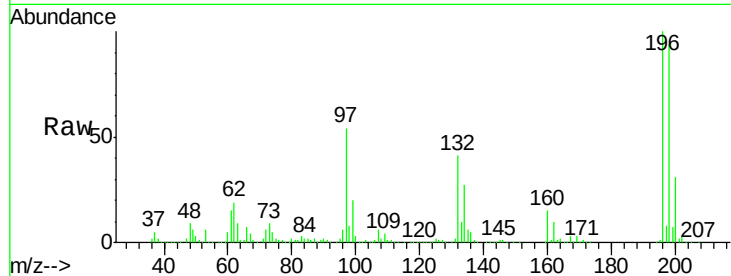
#43
 2,4,6-Trichlorophenol
 Concen: 44.301 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	705280		
198	94.1	76.3	114.5	
200	31.0	25.4	38.2	

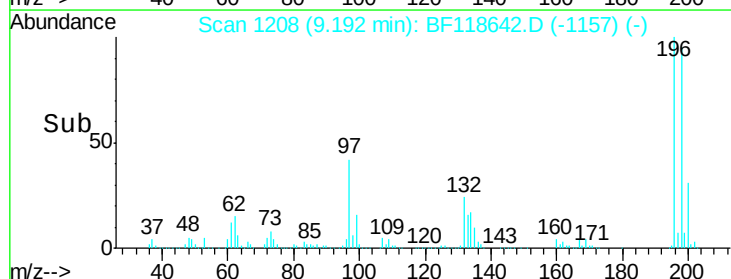
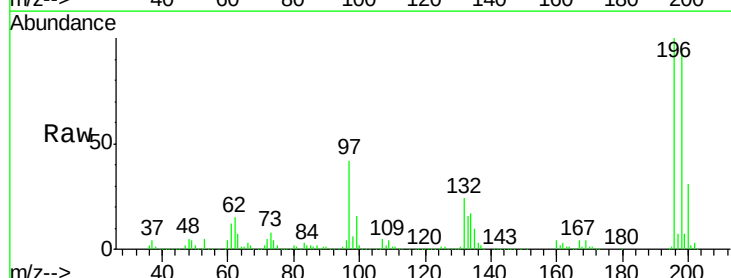
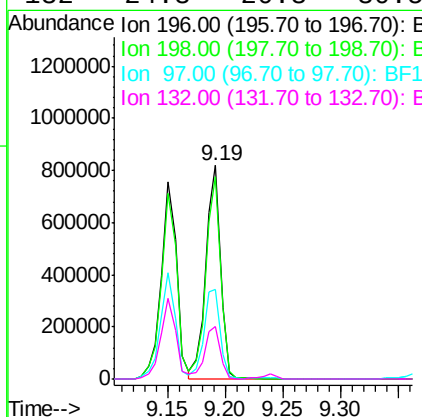
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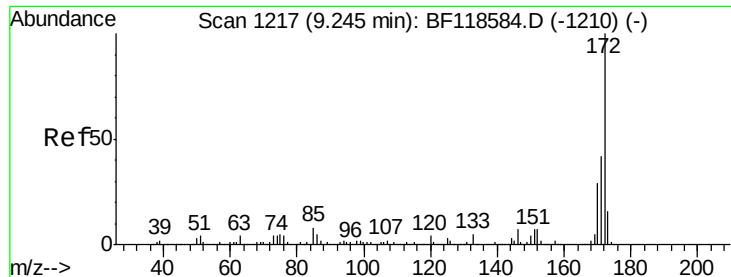
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.141 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	733950		
198	94.8	78.3	117.5	
97	42.2	35.9	53.9	
132	24.3	20.3	30.5	





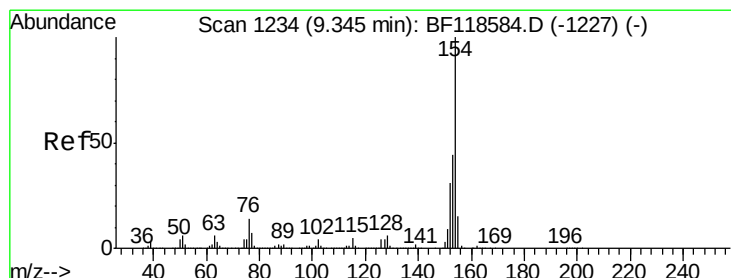
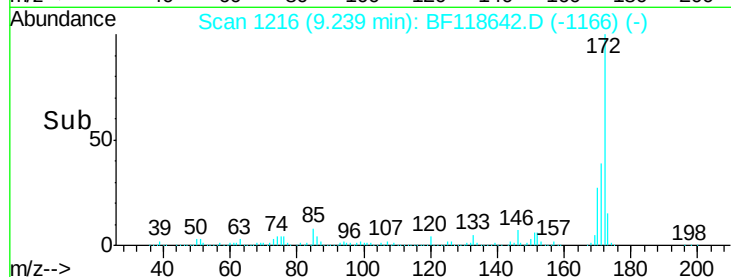
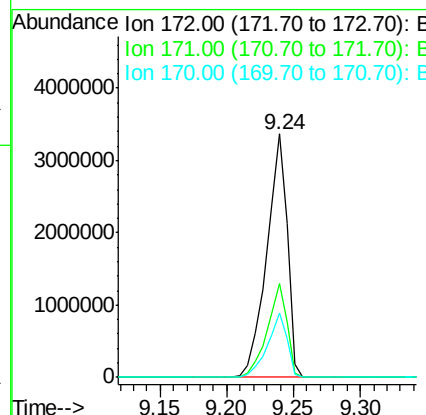
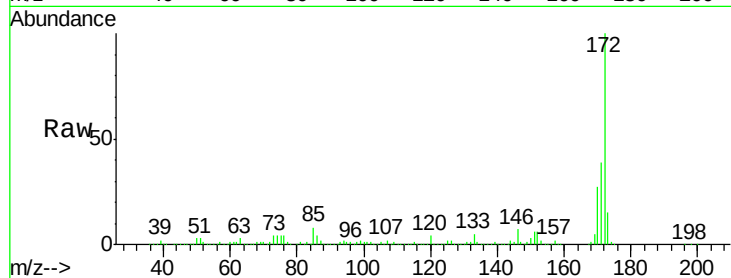
#45
2-Fluorobiphenyl
Concen: 76.346 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	33.4	50.2
170	26.5	23.2	34.8

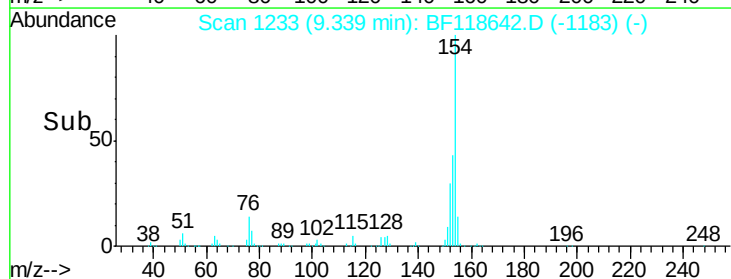
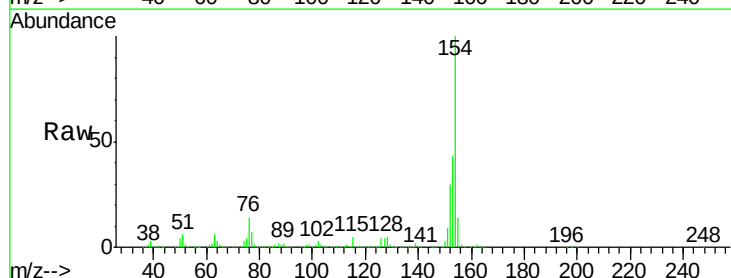
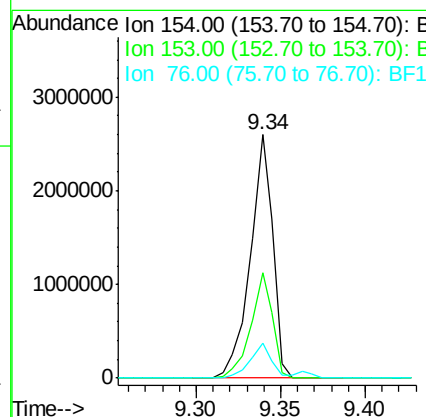
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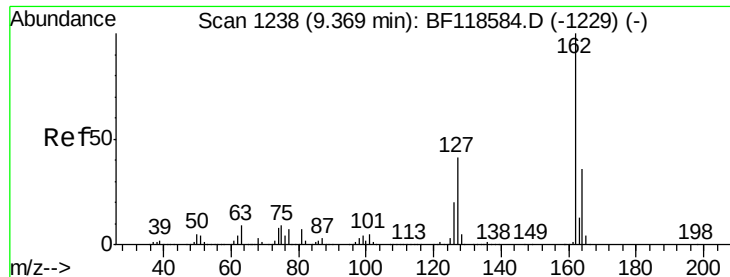
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#46
1,1'-Biphenyl
Concen: 45.771 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	23.8	63.8
76	14.2	0.0	34.3





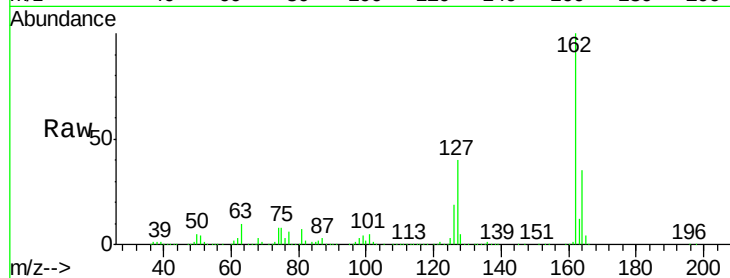
#47
 2-Chloronaphthalene
 Concen: 44.000 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

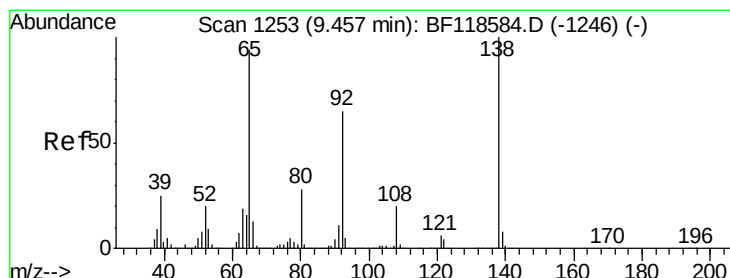
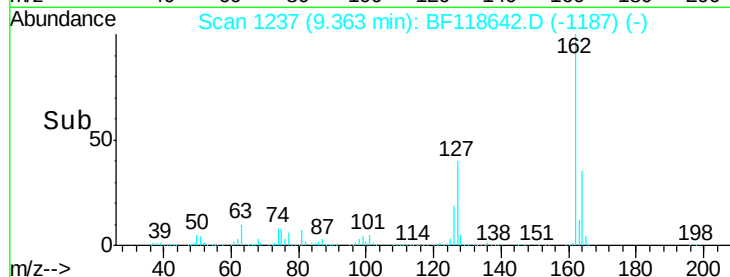
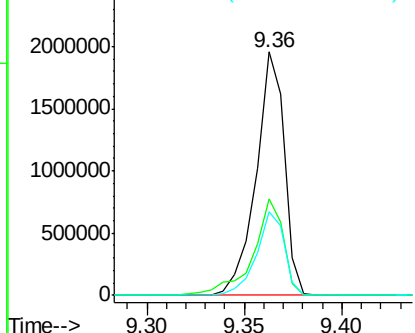
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.0	49.6
164	34.5	28.6	42.8

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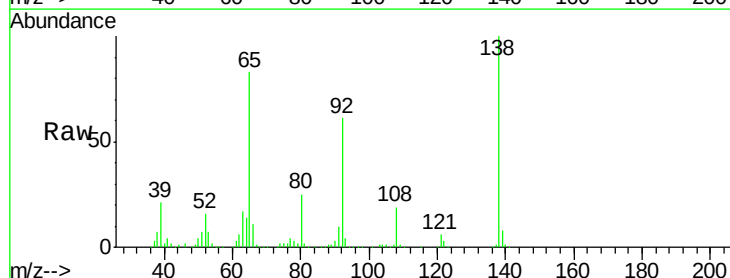


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

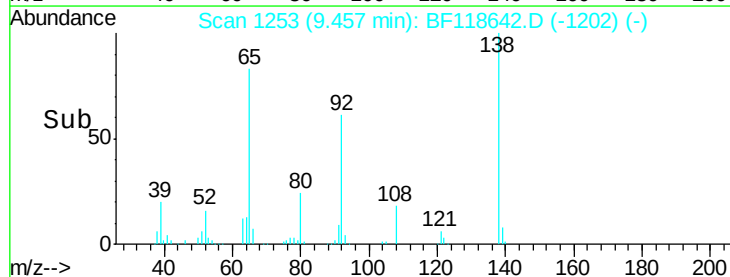
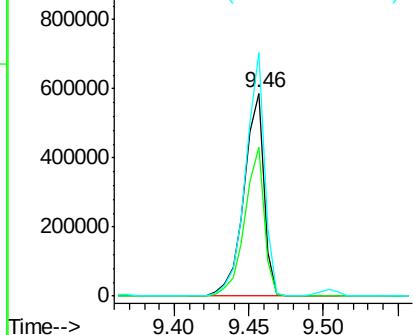


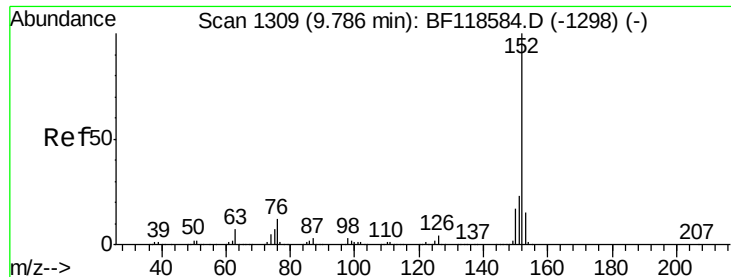
#48
 2-Nitroaniline
 Concen: 40.010 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	55.4	83.0
138	120.1	85.0	127.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.230 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

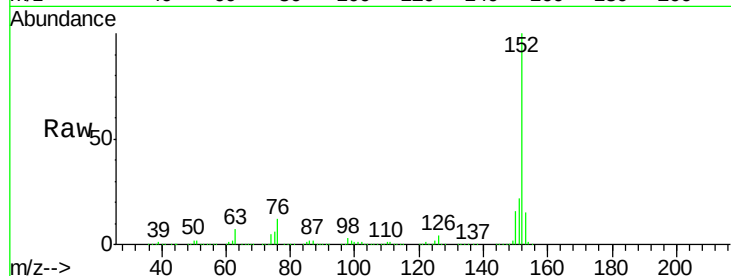
ClientSampleId :

PB126243BS

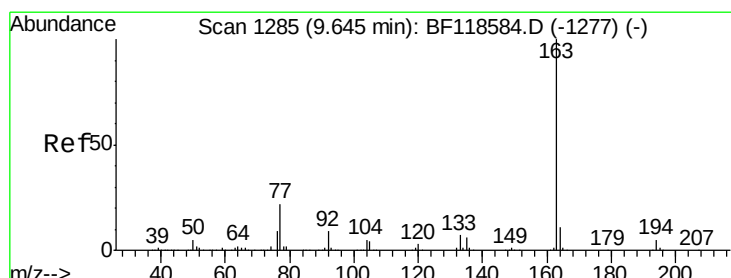
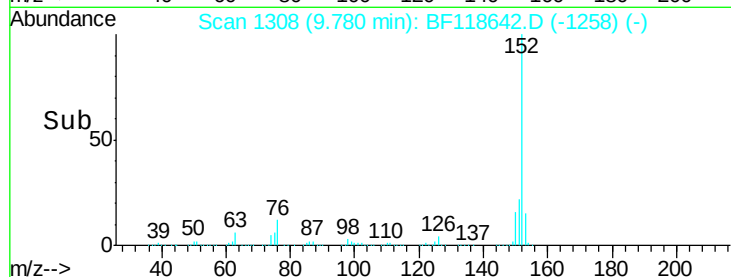
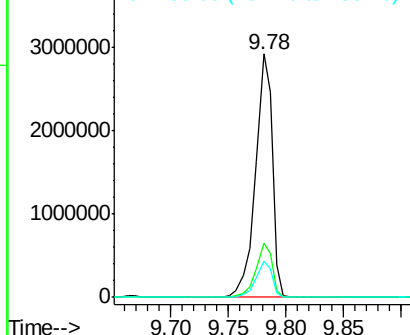
Tot Ion:	152	Resp:	2959481
Ion	Ratio	Lower	Upper
152	100		
151	22.0	18.6	27.8
153	15.1	12.2	18.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.650 ng

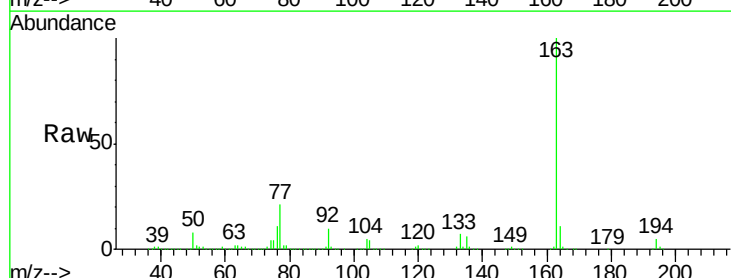
RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

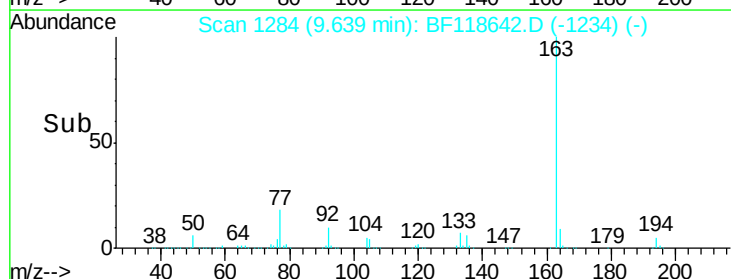
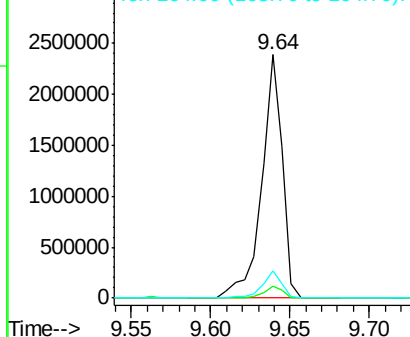
Lab File: BF118642.D

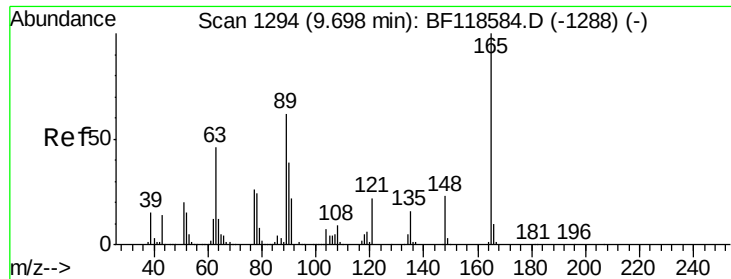
Acq: 21 Jan 2020 19:42

Tgt Ion:	163	Resp:	2180549
Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.9	5.9
164	11.2	9.1	13.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.615 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

Tot Ion:165 Resp: 499075

Ion Ratio Lower Upper

165 100

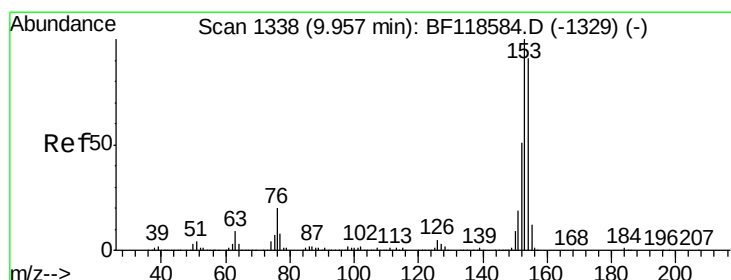
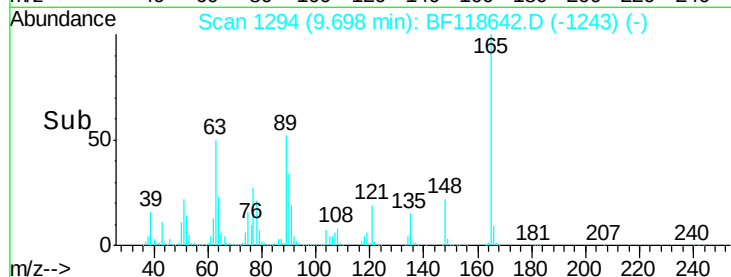
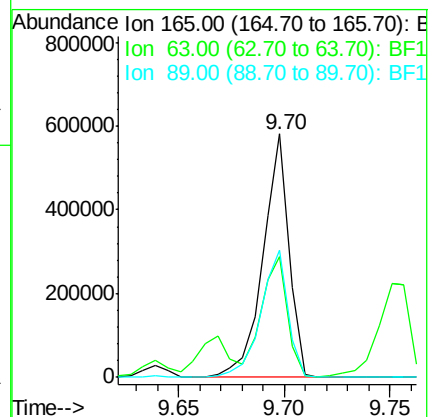
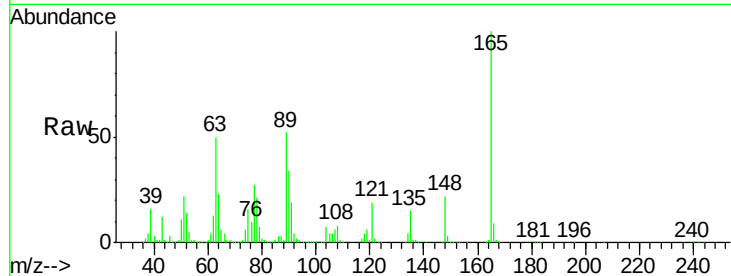
63 49.8 48.9 73.3

89 52.1 49.8 74.6

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#52

Acenaphthene

Concen: 46.674 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

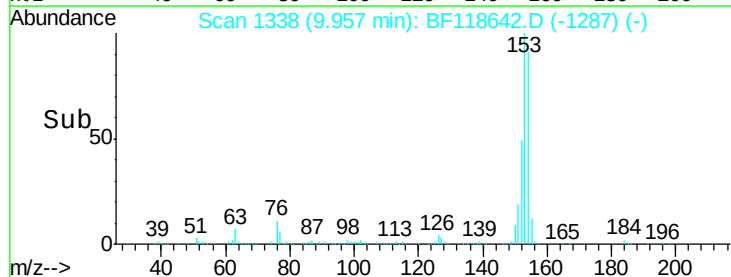
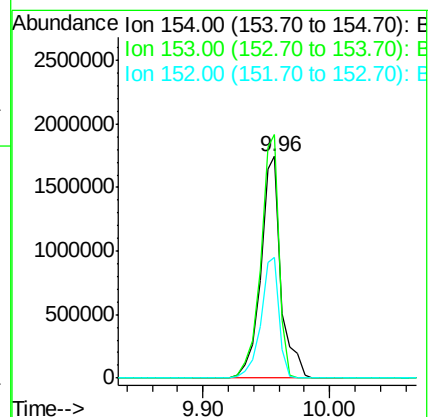
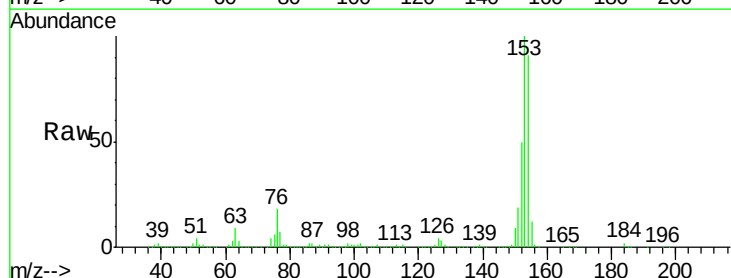
Tgt Ion:154 Resp: 1955605

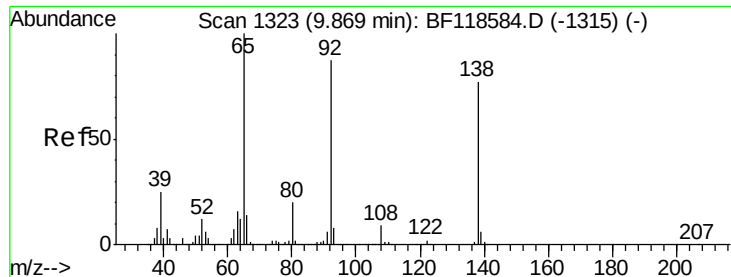
Ion Ratio Lower Upper

154 100

153 109.8 87.6 131.4

152 54.6 44.4 66.6





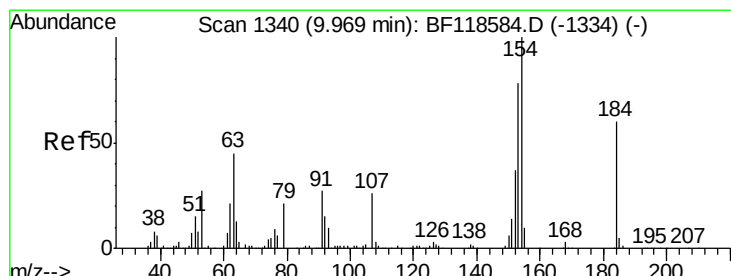
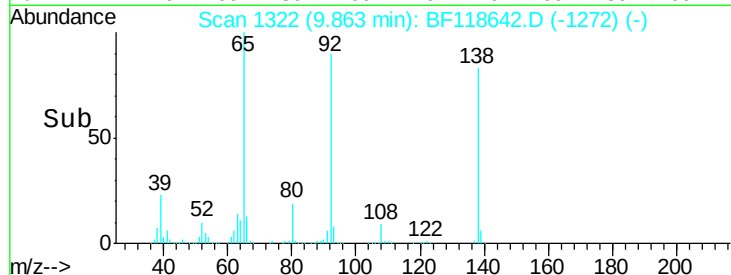
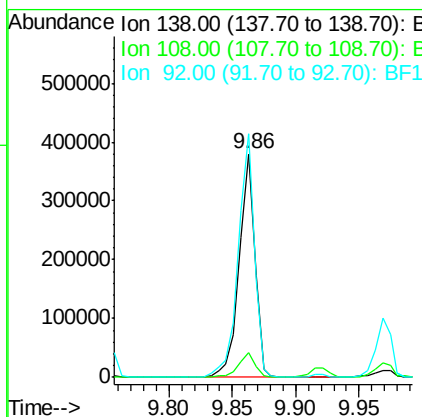
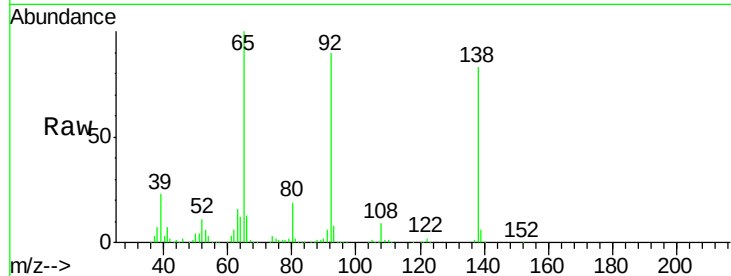
#53
 3-Nitroaniline
 Concen: 25.574 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Instrument :
 BNA_F
 ClientSampled :
 PB126243BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.6	14.4
92	108.8	90.6	136.0

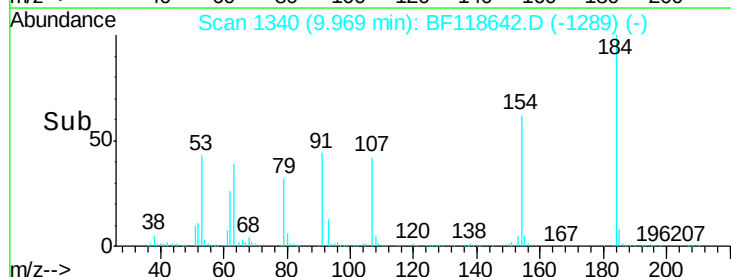
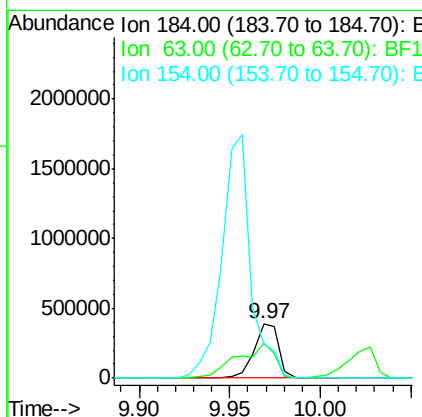
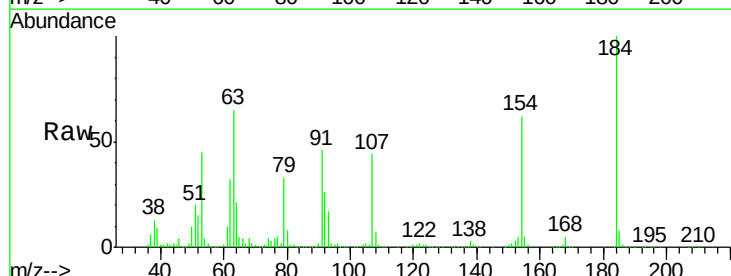
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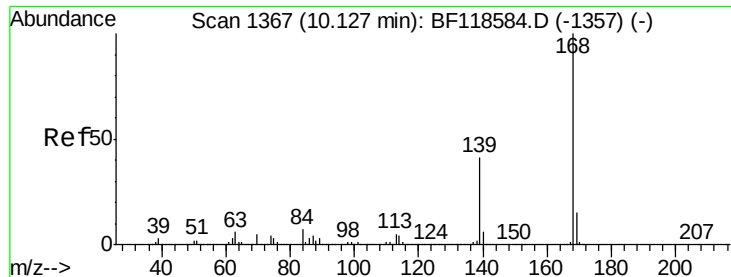
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#54
 2,4-Dinitrophenol
 Concen: 82.108 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.6	60.6	90.8
154	61.8	137.3	205.9#





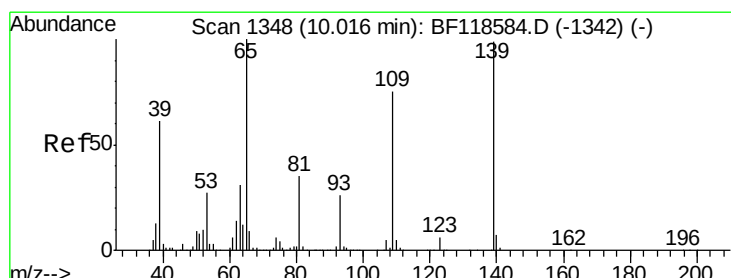
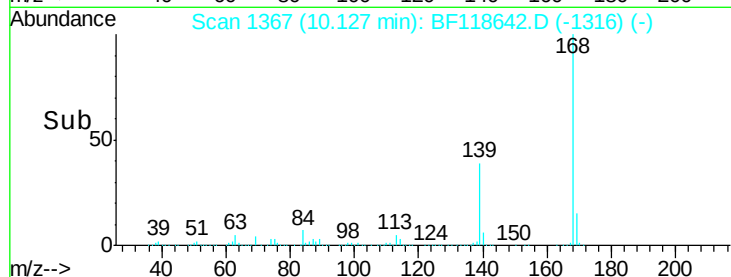
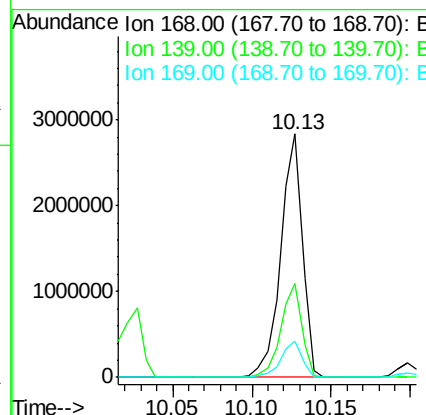
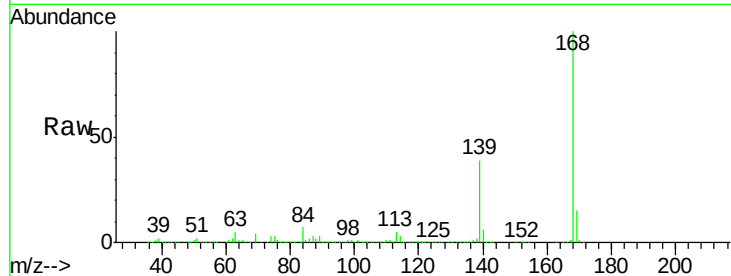
#55
Dibenzenofuran
Concen: 46.411 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	32.7	49.1
169	14.7	12.2	18.2

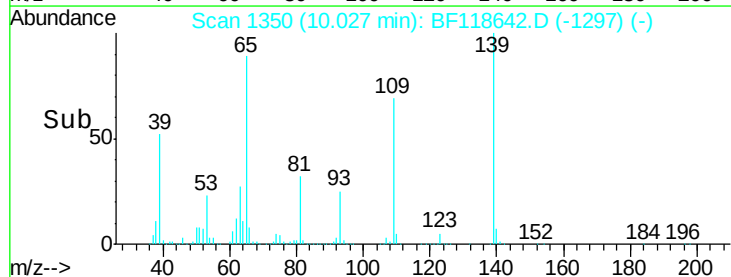
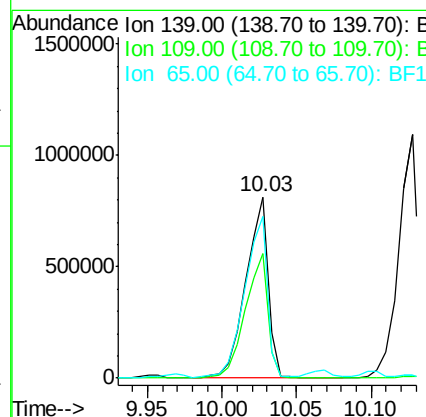
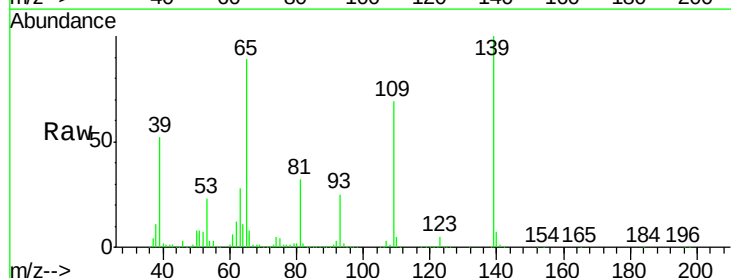
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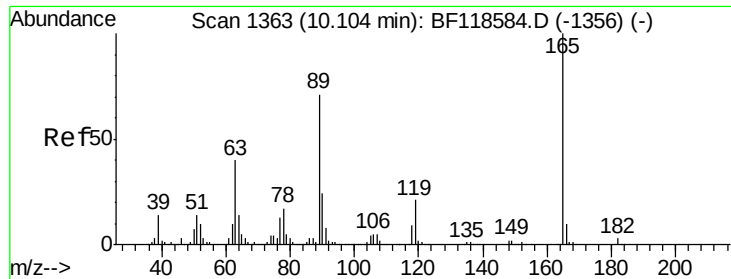
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#56
4-Nitrophenol
Concen: 87.898 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.1	56.0	96.0
65	89.5	81.4	121.4





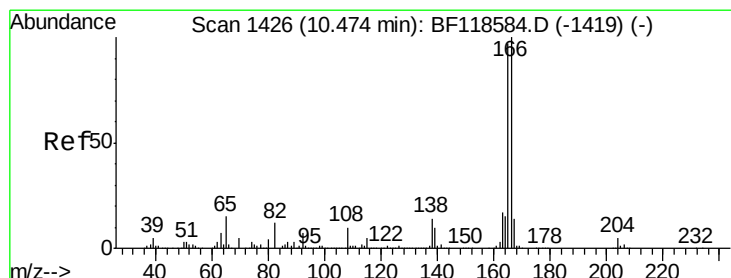
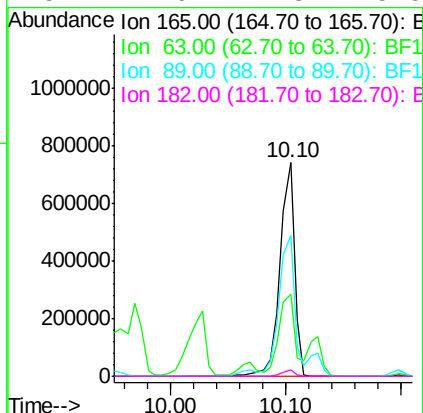
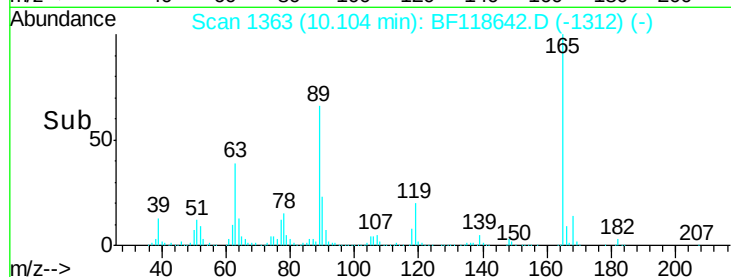
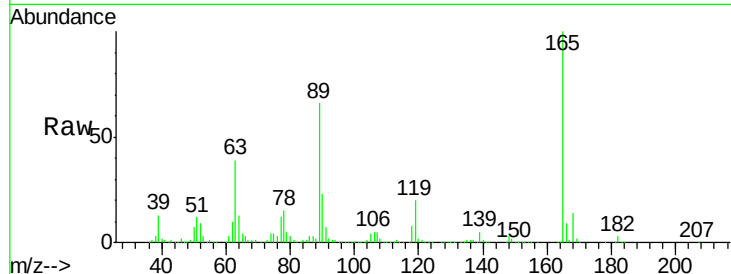
#57
2,4-Dinitrotoluene
Concen: 46.087 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	649916		
63	38.6		32.4	48.6
89	65.8		56.4	84.6
182	2.9		2.3	3.5

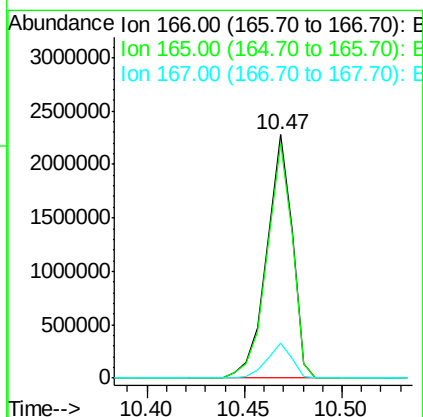
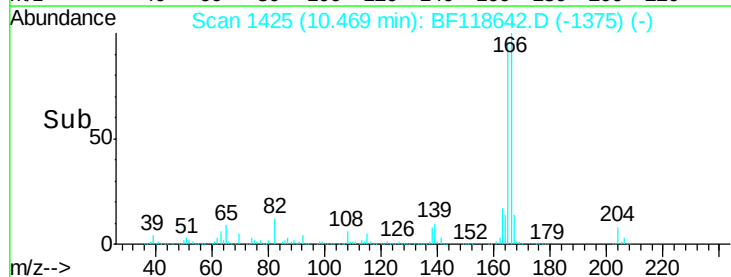
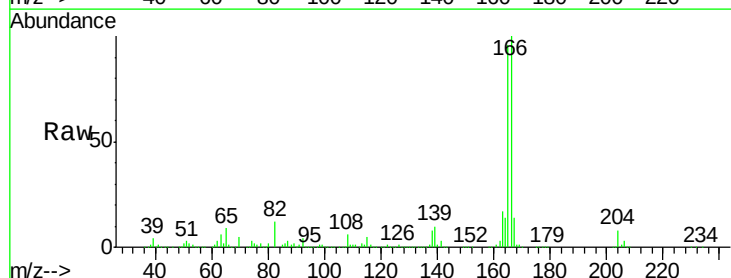
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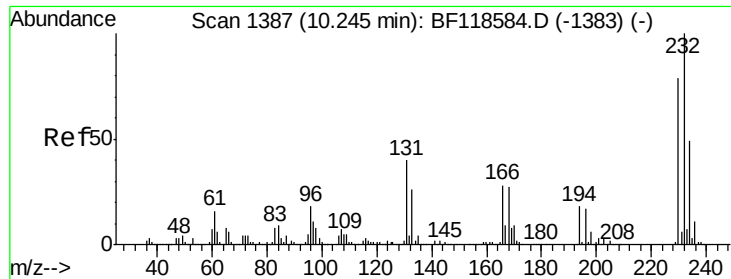
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#58
Fluorene
Concen: 45.339 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2066725		
165	96.2		77.3	115.9
167	14.3		11.5	17.3





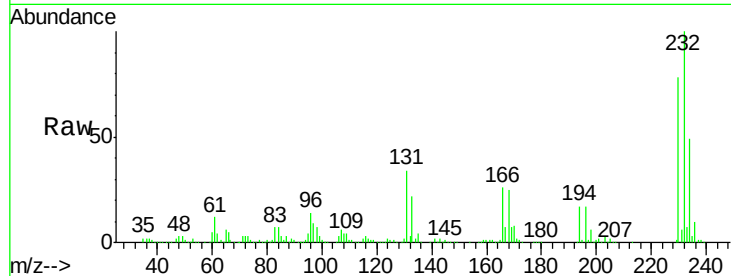
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.648 ng
 RT: 10.24 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

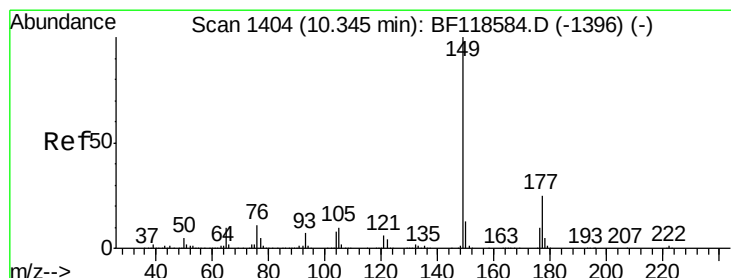
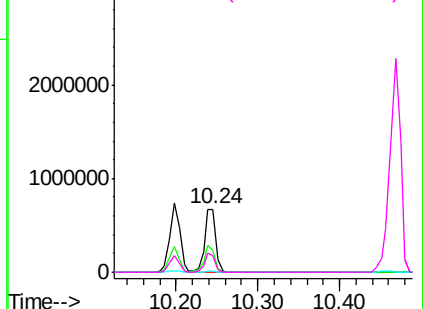
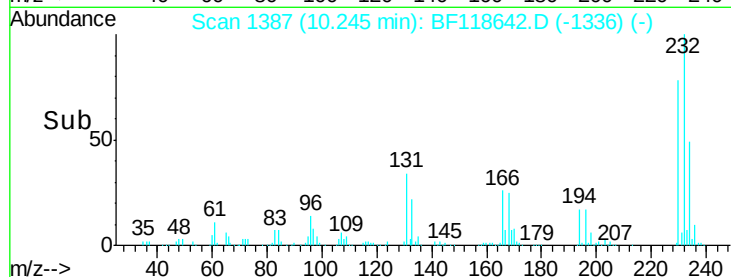
Tot Ion	Ratio	Lower	Upper
232	100		
131	38.8	33.2	49.8
130	2.0	1.8	2.6
166	27.9	22.6	33.8

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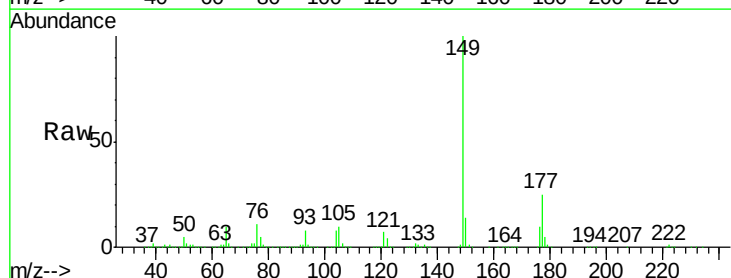


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

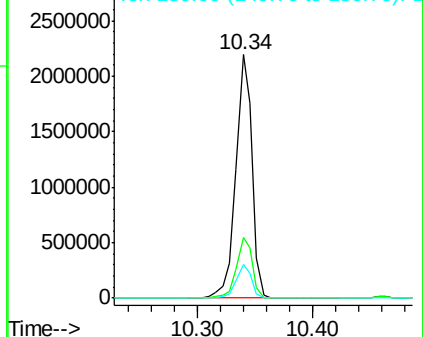
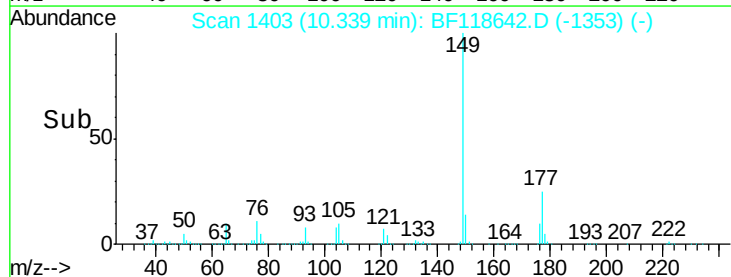


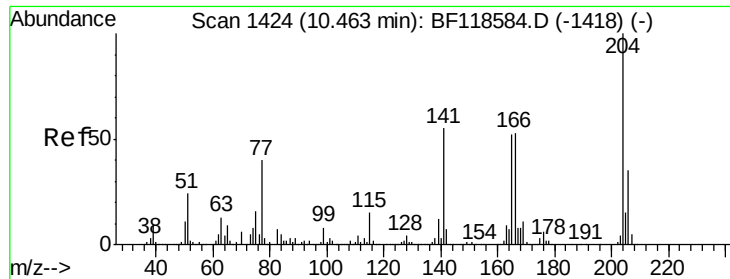
#60
 Diethylphthalate
 Concen: 43.622 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	20.0	30.0
150	13.8	10.6	16.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





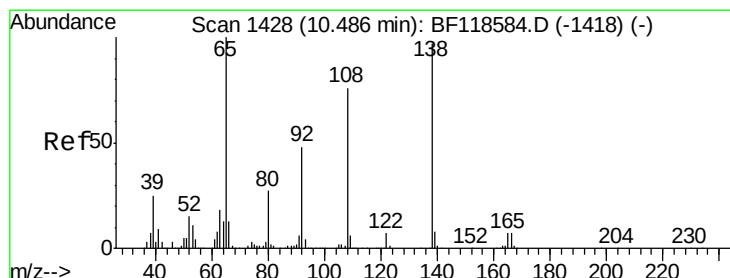
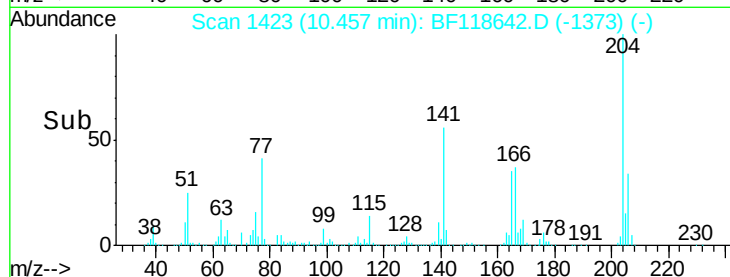
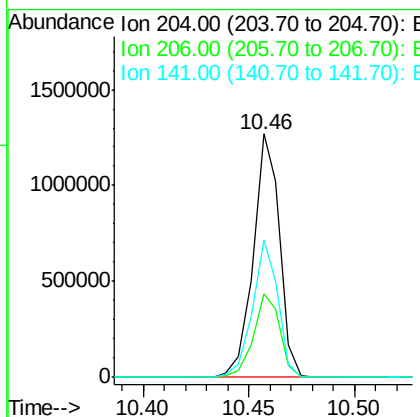
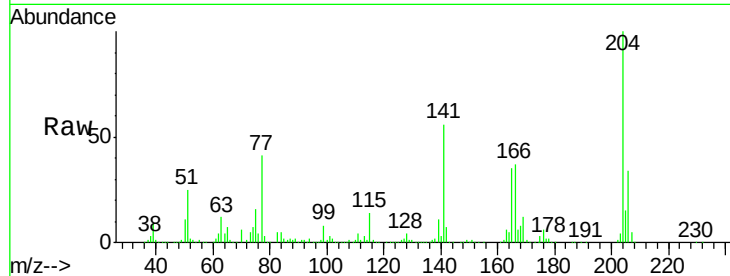
#61
4-Chlorophenyl-phenylether
Concen: 44.321 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.8	41.6
141	56.3	43.7	65.5

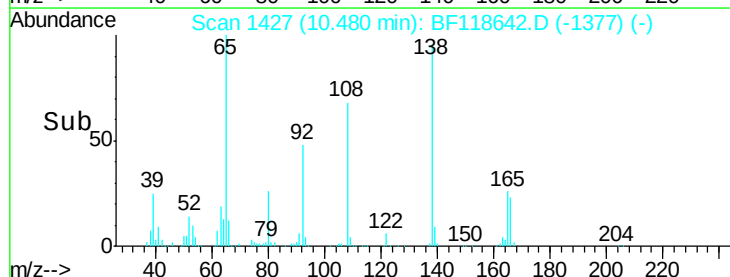
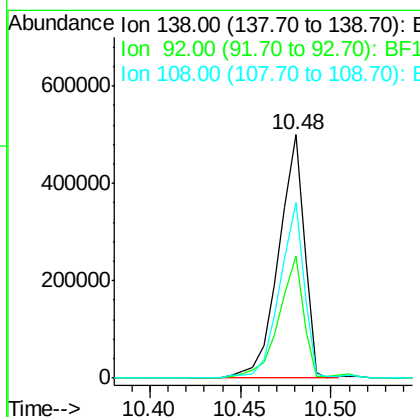
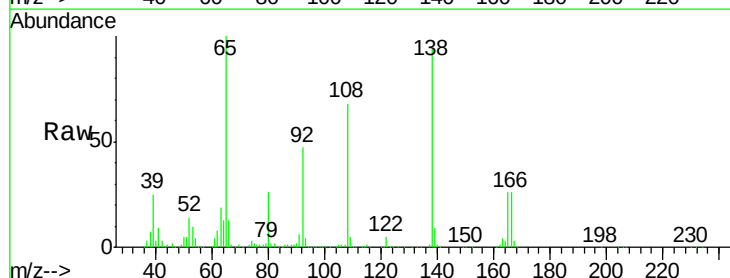
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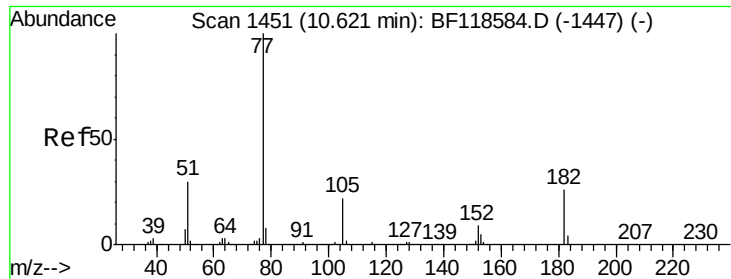
mohammad
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#62
4-Nitroaniline
Concen: 37.822 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	29.4	69.4
108	72.0	58.2	98.2





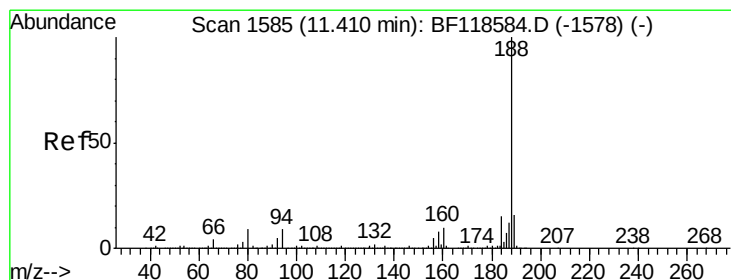
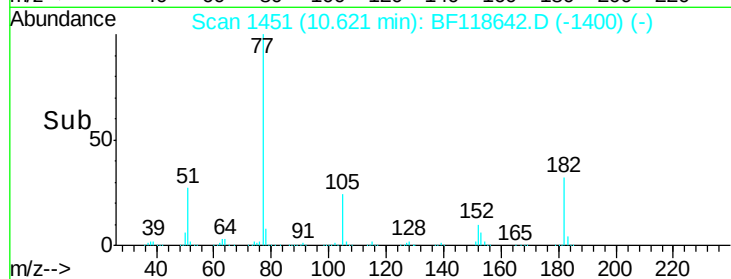
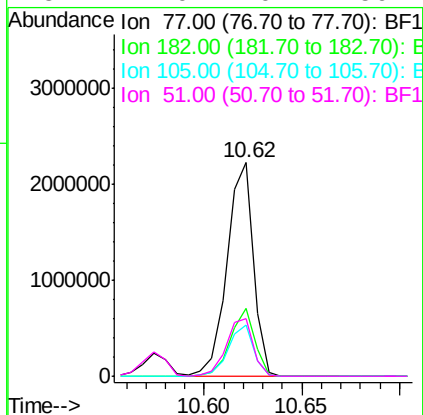
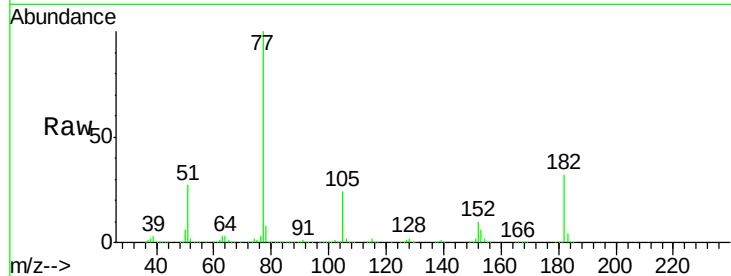
#63
Azobenzene
Concen: 44.345 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.9	5.6	45.6	
105	24.0	2.0	42.0	
51	27.0	10.2	50.2	

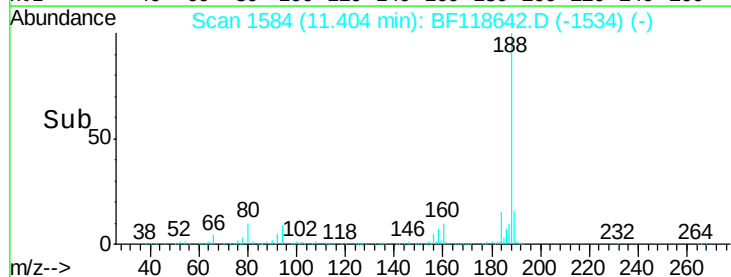
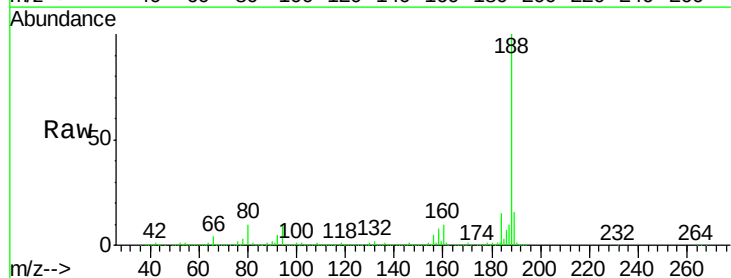
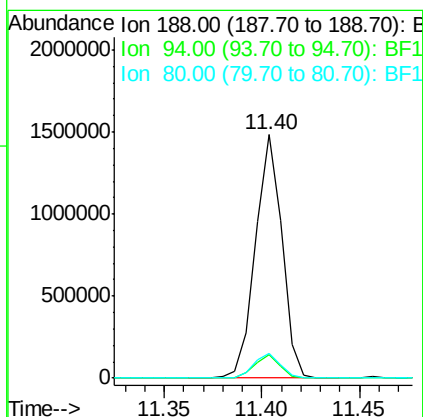
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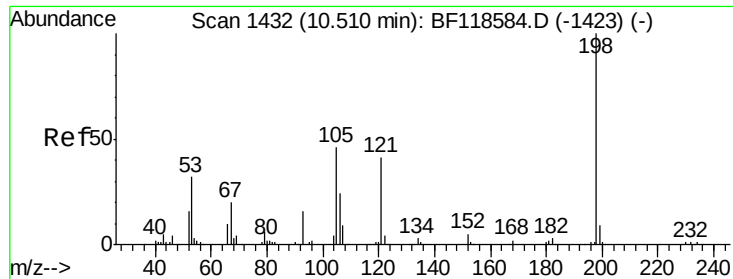
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	7.1	10.7	
80	10.4	7.5	11.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 47.119 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

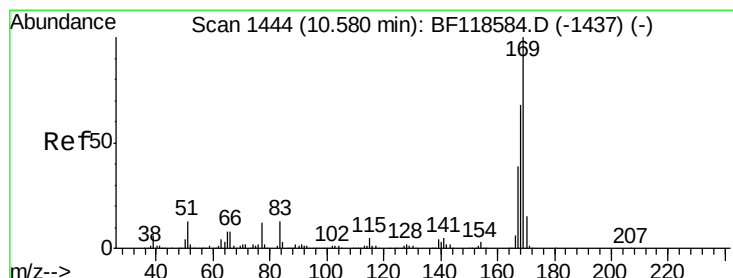
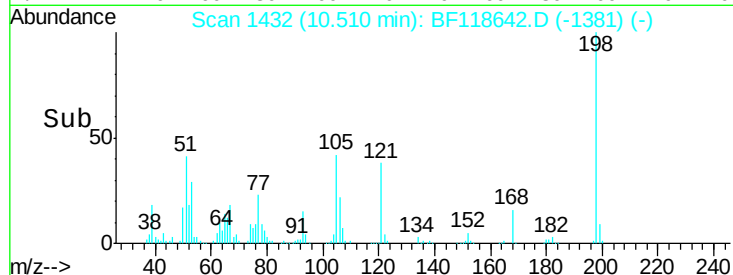
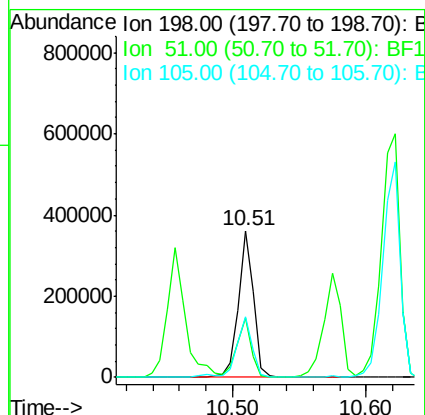
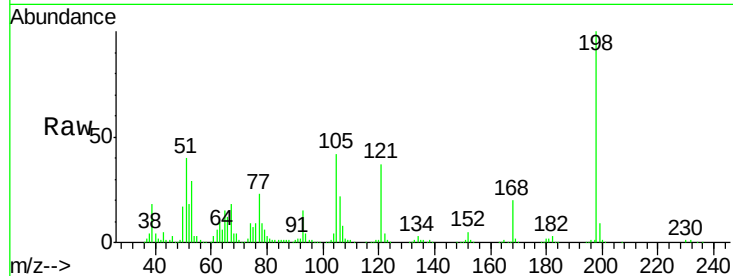
ClientSampleId :

PB126243BS

Tot Ion:	198	Resp:	289498
Ion Ratio	Lower	Upper	
198	100		
51	40.3	25.2	65.2
105	41.5	26.3	66.3

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#66

n-Nitrosodiphenylamine

Concen: 45.183 ng

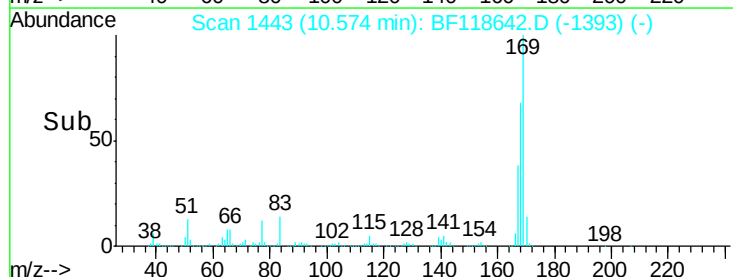
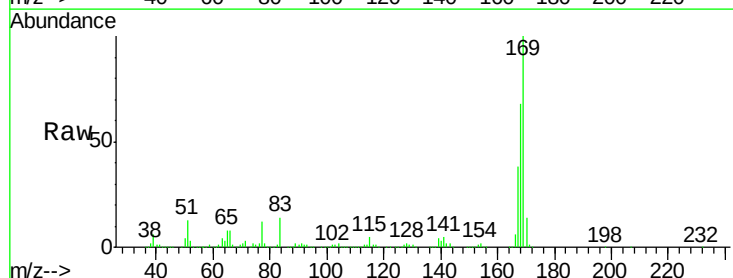
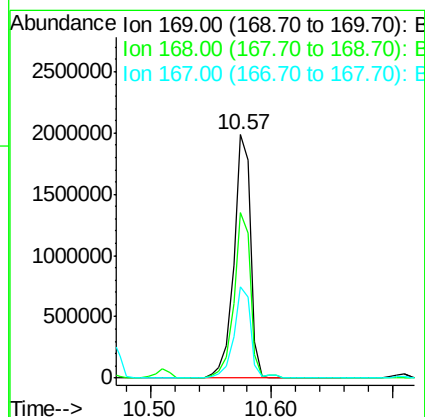
RT: 10.57 min Scan# 1443

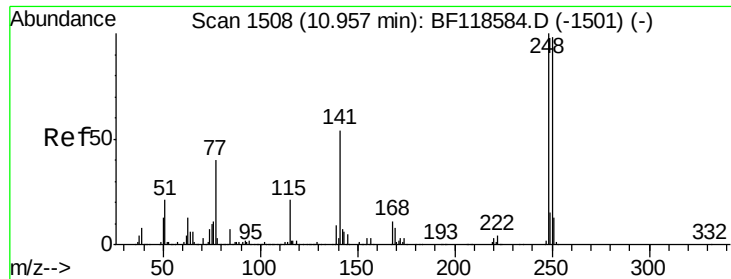
Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Tgt Ion:	169	Resp:	1903894
Ion Ratio	Lower	Upper	
169	100		
168	68.0	54.6	82.0
167	37.6	30.9	46.3





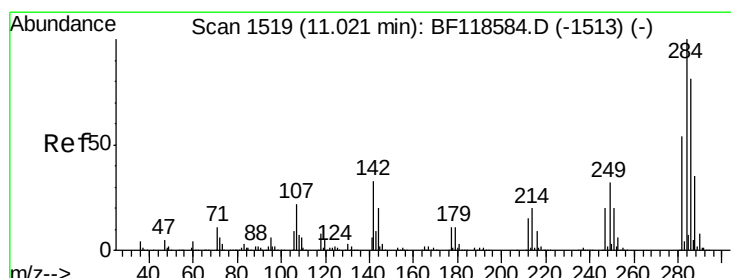
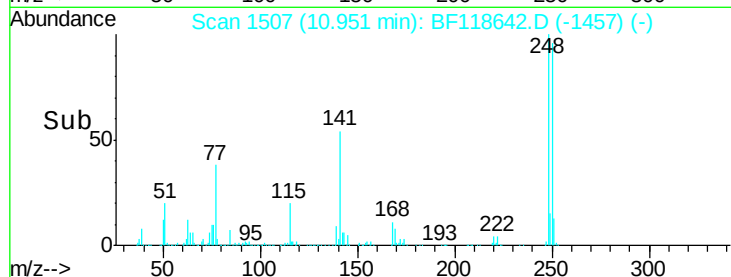
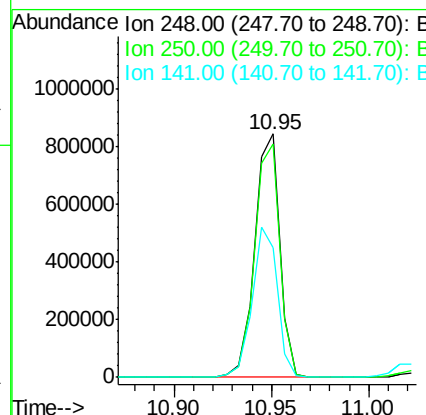
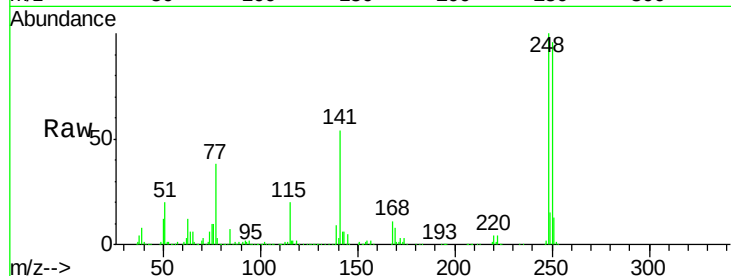
#67
4-Bromophenyl-phenylether
Concen: 43.631 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampled :
PB126243BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.7	118.1
141	53.5	43.2	64.8

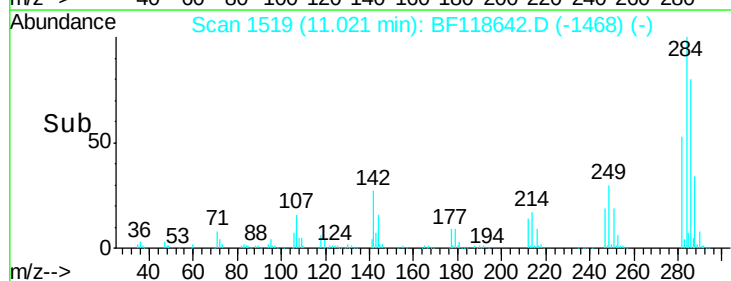
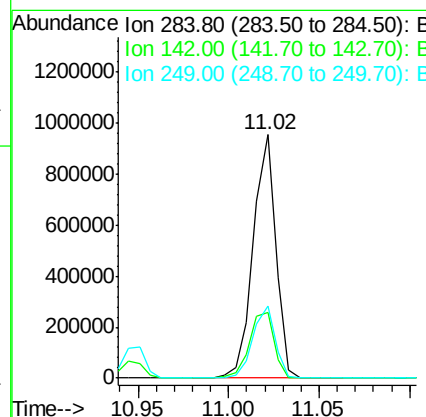
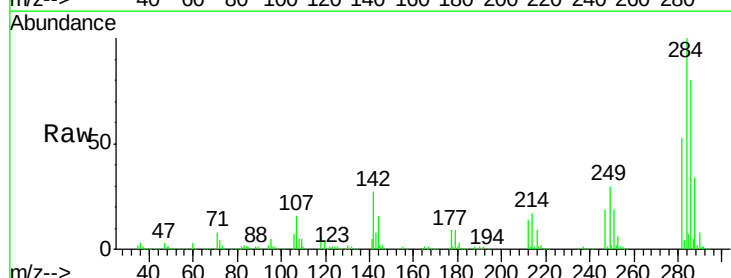
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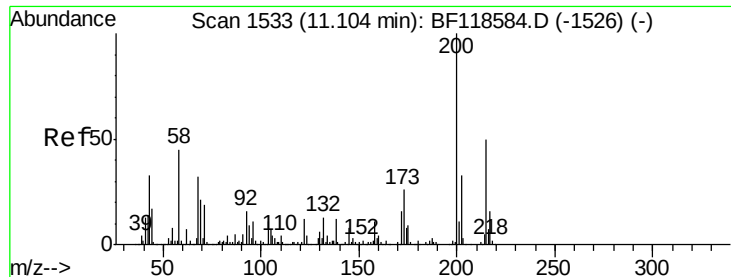
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#68
Hexachlorobenzene
Concen: 42.315 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.1	26.6	39.8
249	29.6	25.2	37.8





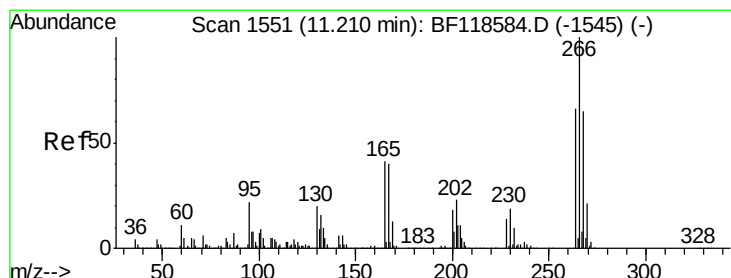
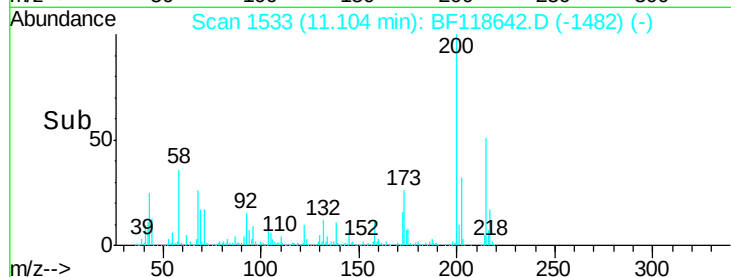
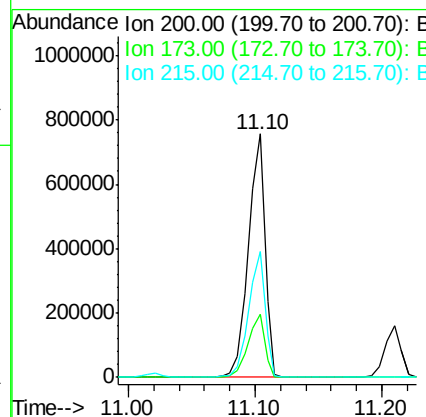
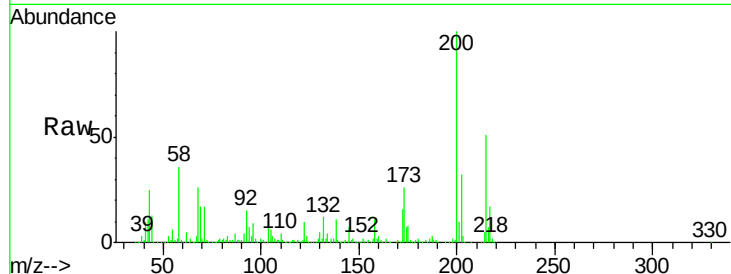
#69
Atrazine
Concen: 46.846 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	684187		
173	26.0		6.3	46.3
215	51.4		30.2	70.2

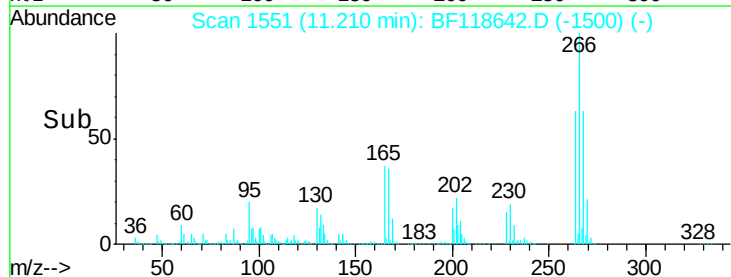
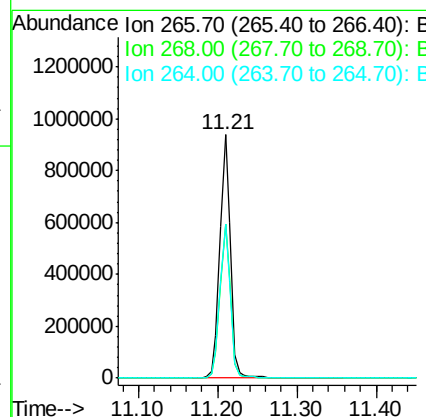
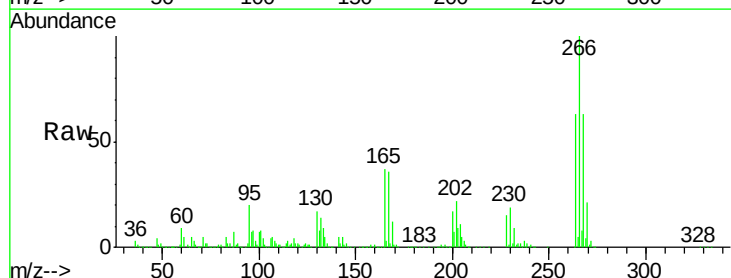
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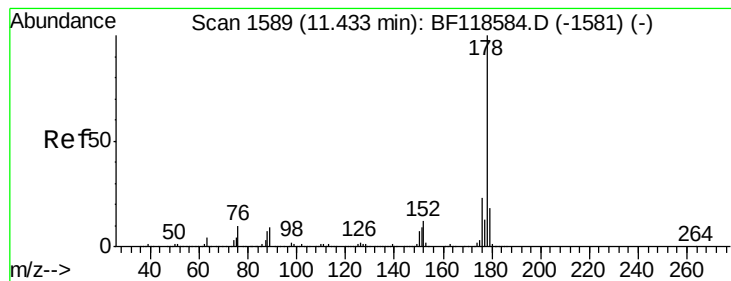
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#70
Pentachlorophenol
Concen: 81.114 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	882619		
268	63.2		52.1	78.1
264	63.2		52.4	78.6





#71

Phenanthrene

Concen: 44.394 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

Tot Ion:178 Resp: 2992521

Ion Ratio Lower Upper

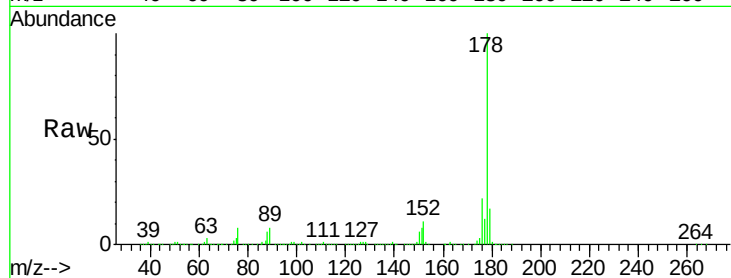
178 100

176 21.6 18.6 27.8

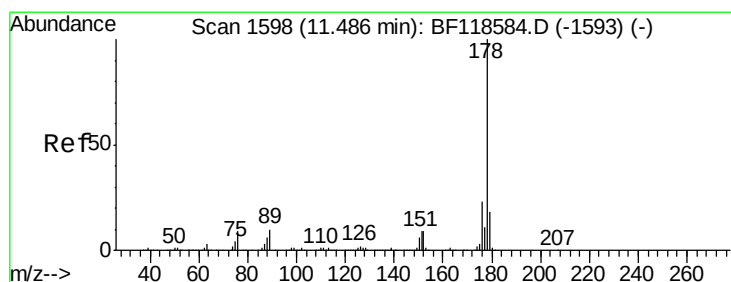
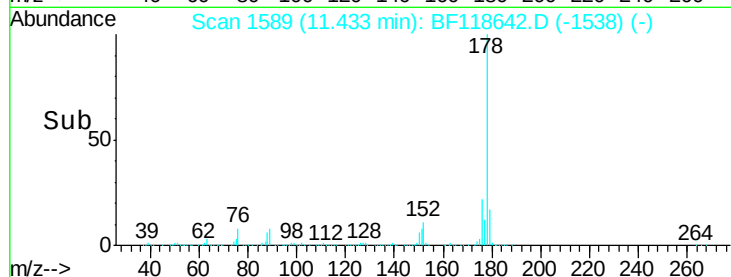
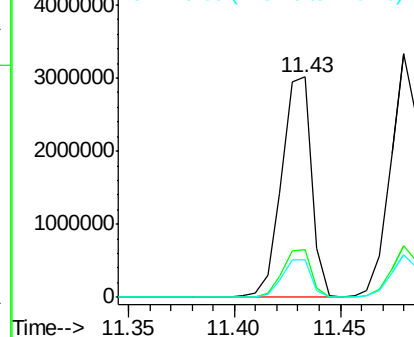
179 17.0 14.7 22.1

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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: 46.349 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

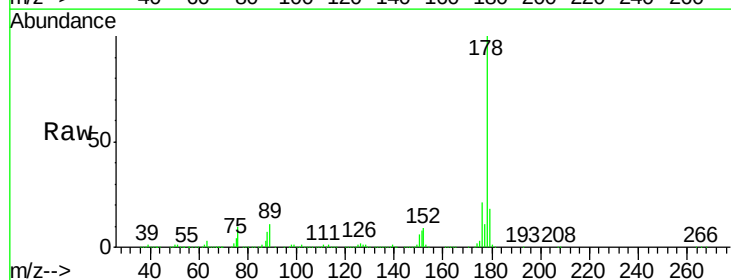
Tgt Ion:178 Resp: 3091534

Ion Ratio Lower Upper

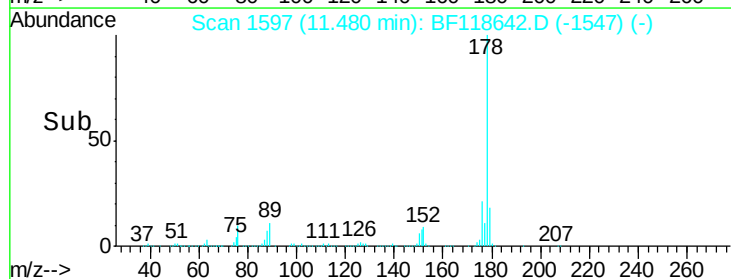
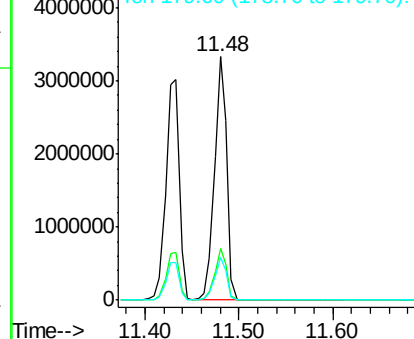
178 100

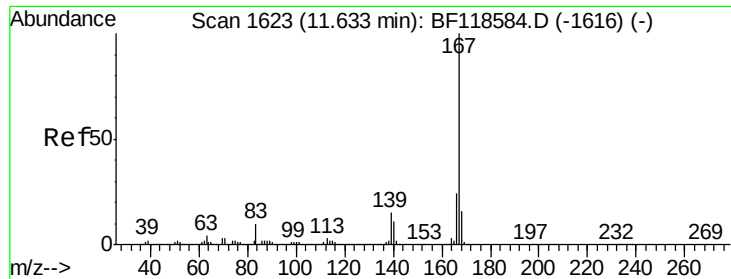
176 21.4 18.0 27.0

179 17.8 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





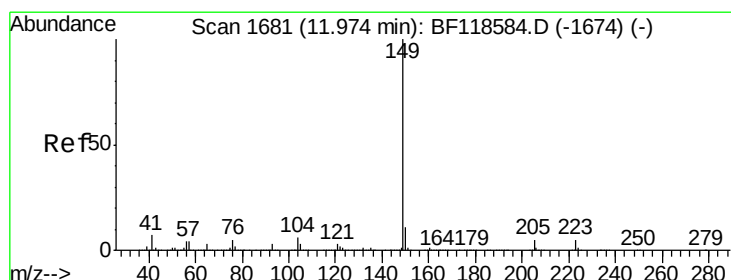
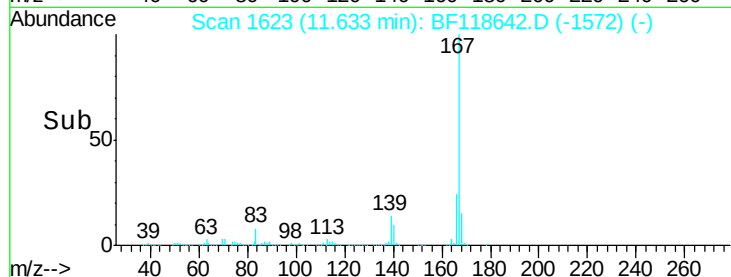
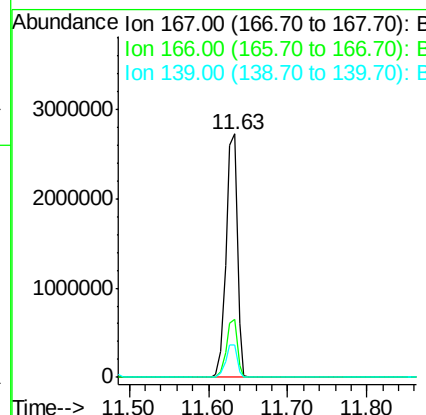
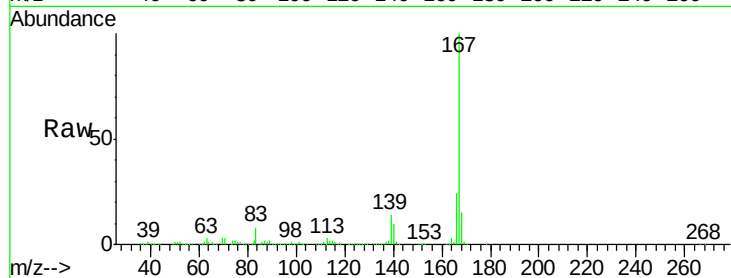
#73
 Carbazole
 Concen: 43.865 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.4	29.2
139	13.6	11.7	17.5

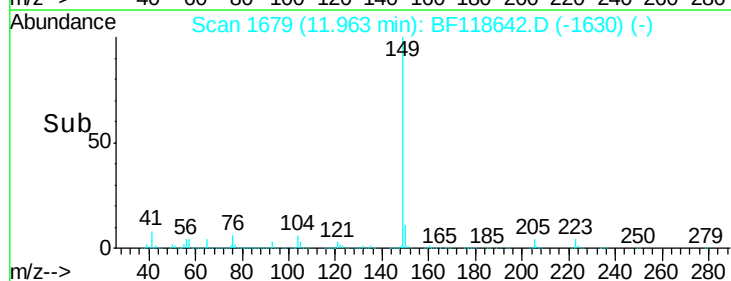
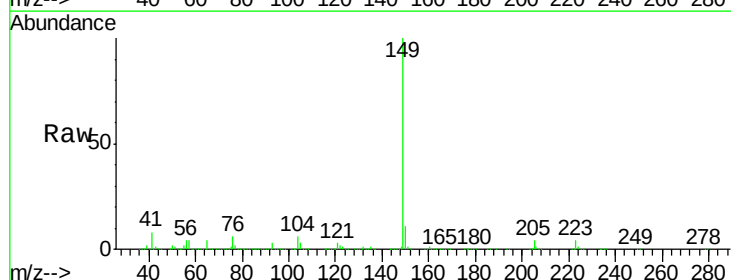
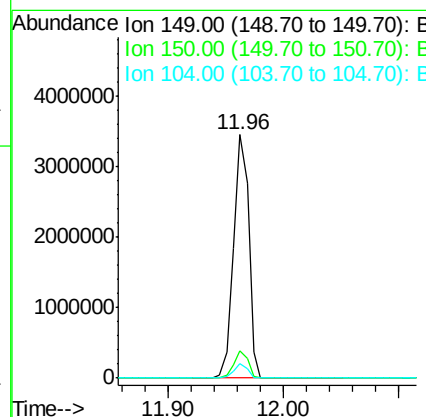
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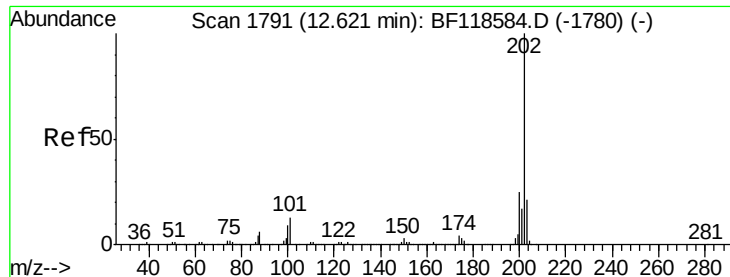
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#74
 Di-n-butylphthalate
 Concen: 45.986 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.7	13.1
104	5.9	4.6	6.8





#75

Fluoranthene

Concen: 43.770 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

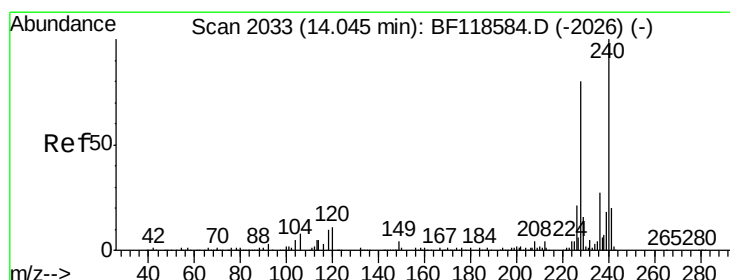
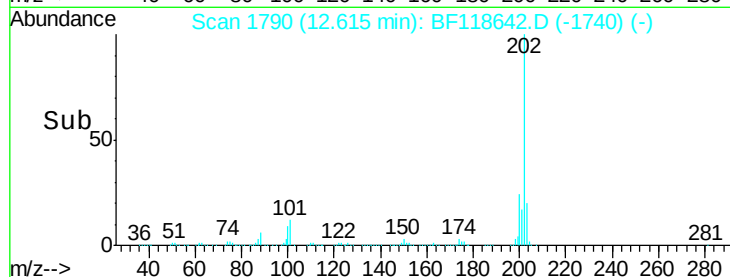
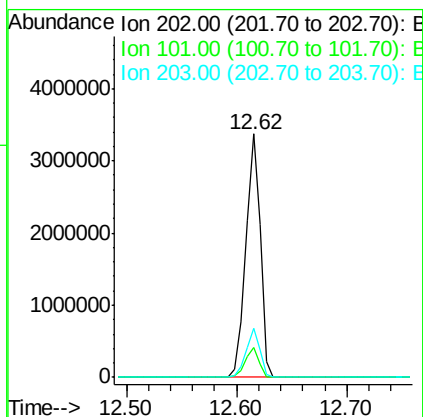
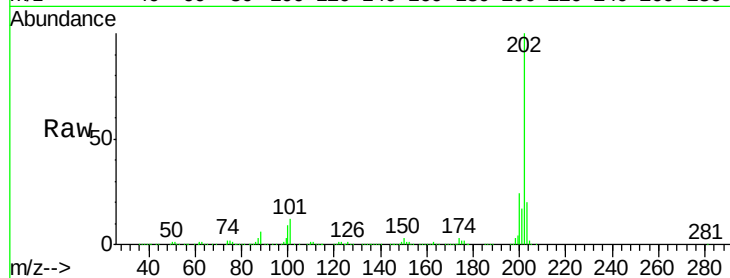
ClientSampleId :

PB126243BS

Tot Ion:	202	Resp:	3111915
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.5
203	19.9	0.8	40.8

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#76

Chrysene-d12

Concen: 20.000 ng

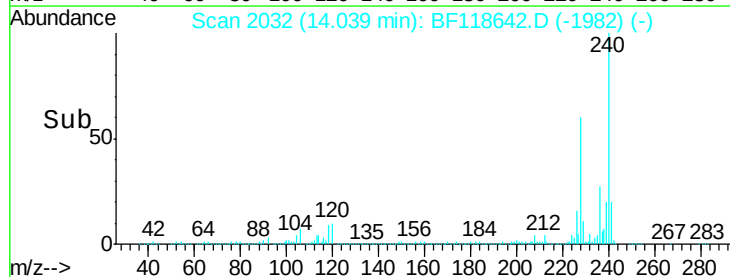
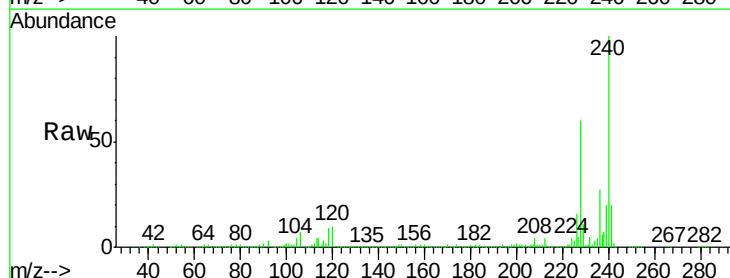
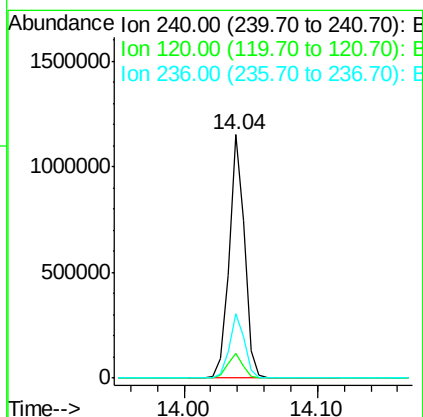
RT: 14.04 min Scan# 2032

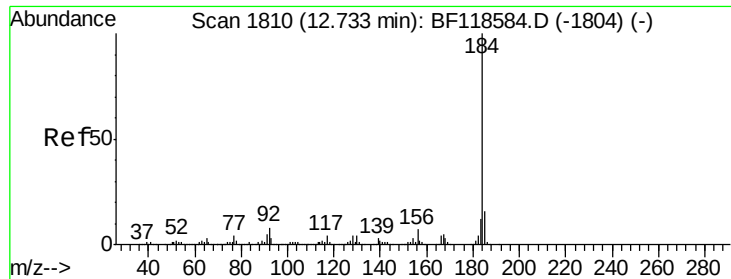
Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Tgt Ion:	240	Resp:	930874
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.9	13.3
236	26.7	21.5	32.3





#77

Benzidine

Concen: 69.681 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

Tot Ion:184 Resp: 1733128

Ion Ratio Lower Upper

184 100

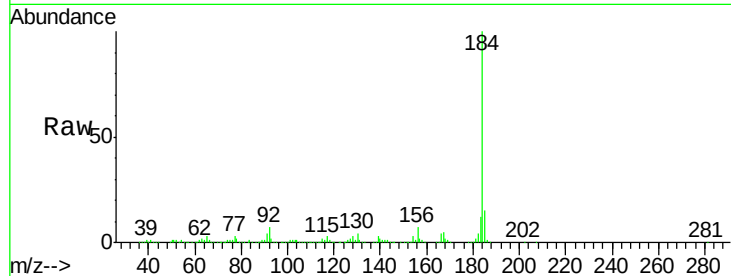
185 15.0 12.9 19.3

183 12.0 9.6 14.4

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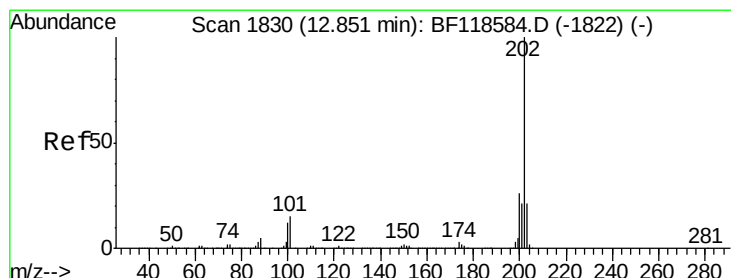
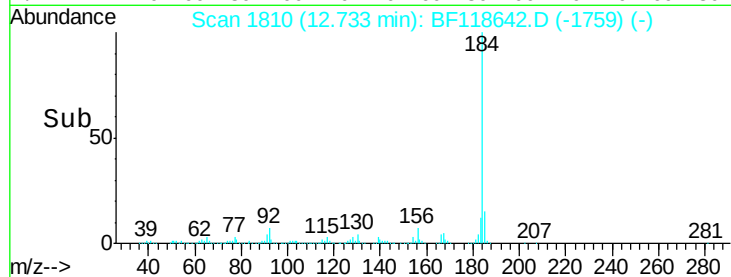
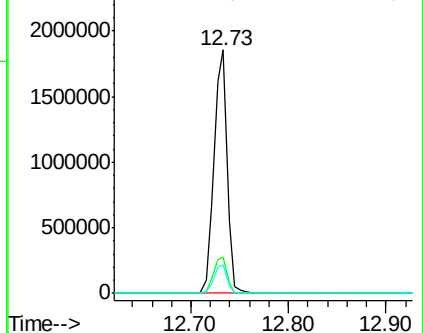
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.634 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

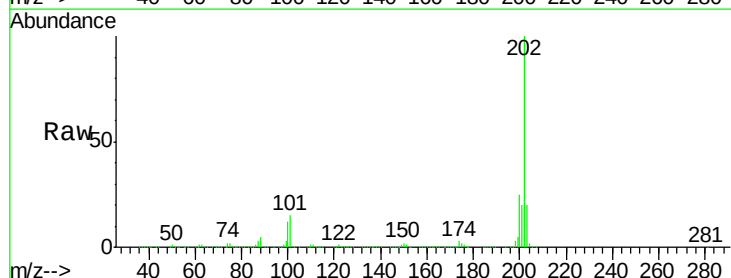
Tgt Ion:202 Resp: 3136765

Ion Ratio Lower Upper

202 100

200 24.7 20.6 31.0

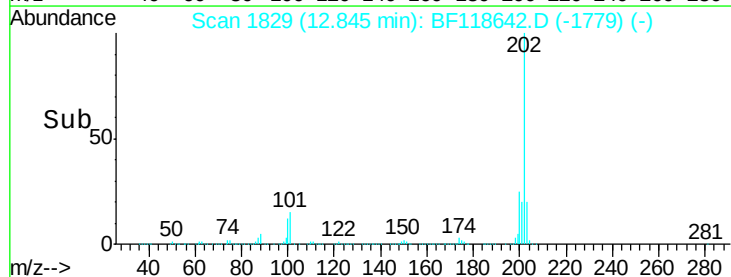
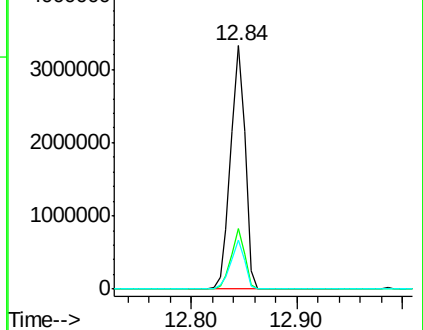
203 20.1 16.8 25.2

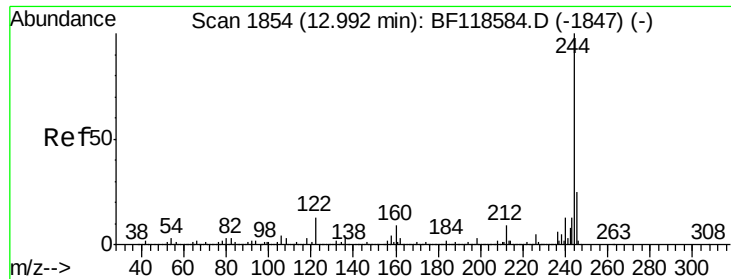


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





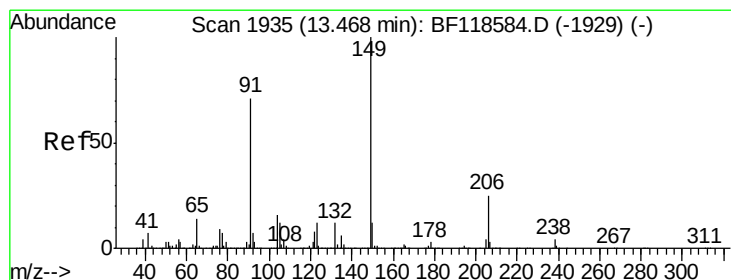
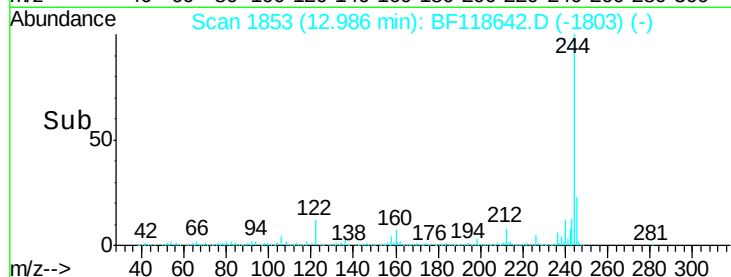
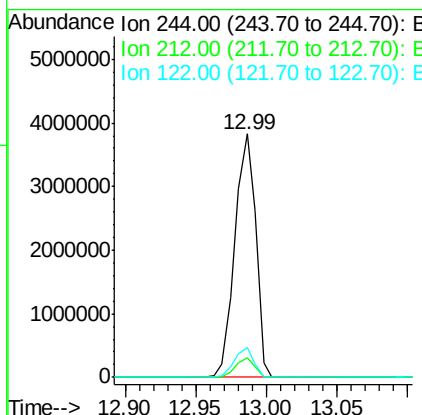
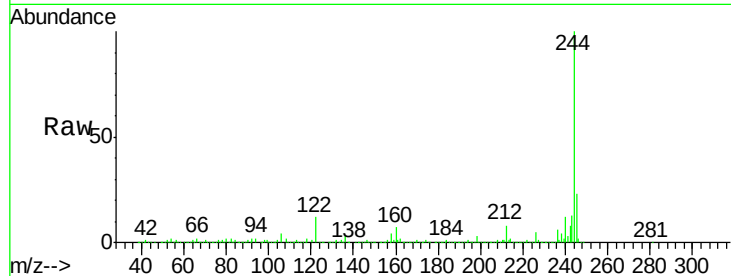
#79
 Terphenyl-d14
 Concen: 92.315 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.0	10.4
122	12.0	10.7	16.1

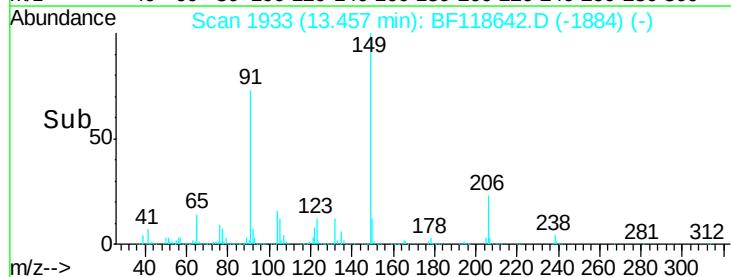
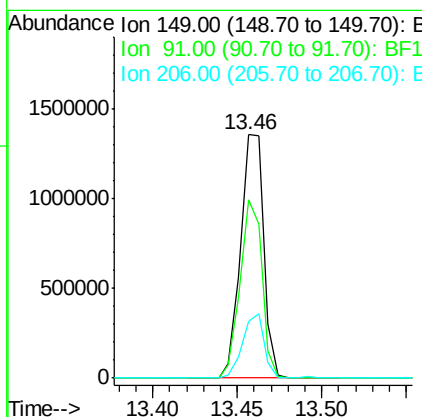
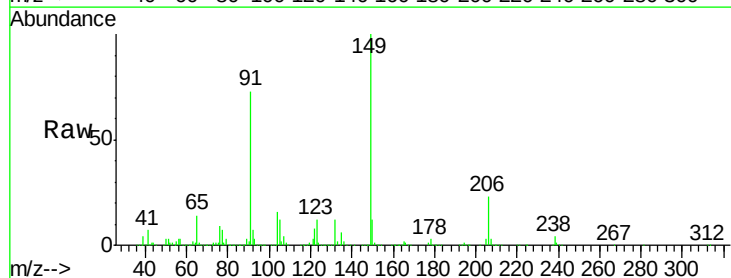
Manual Integrations
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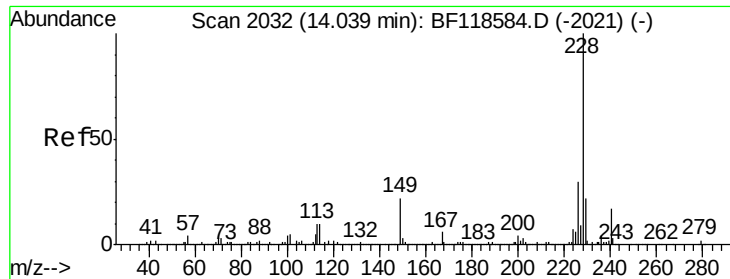
mohammad
 1/22/2020 1:36:21 PM



#80
 Butylbenzylphthalate
 Concen: 50.162 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.3	56.5	84.7
206	23.3	19.9	29.9





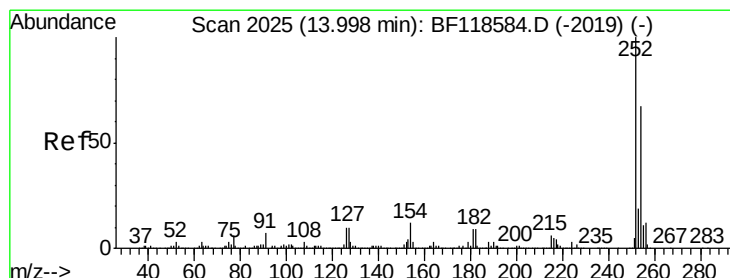
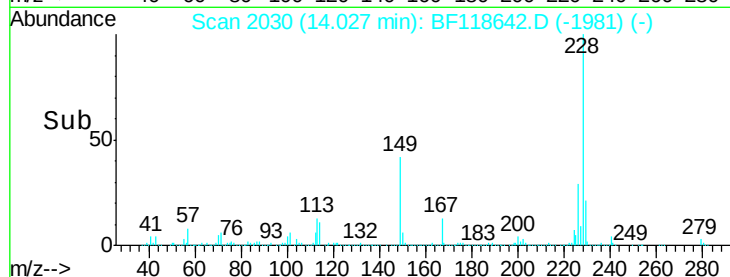
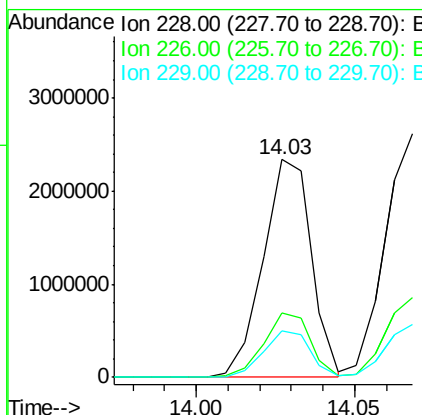
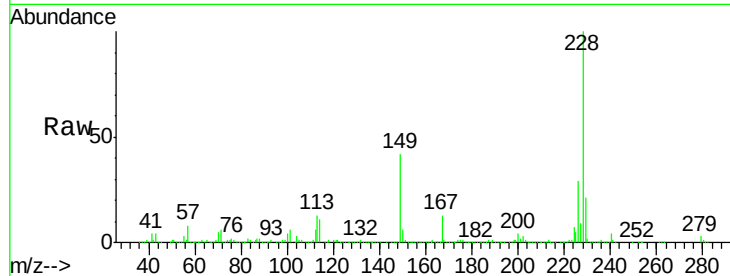
#81
Benzo(a)anthracene
Concen: 44.337 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion:228 Resp: 2482747
Ion Ratio Lower Upper
228 100
226 29.5 24.1 36.1
229 21.2 17.6 26.4

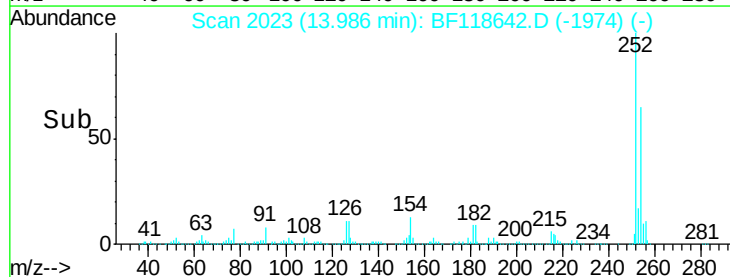
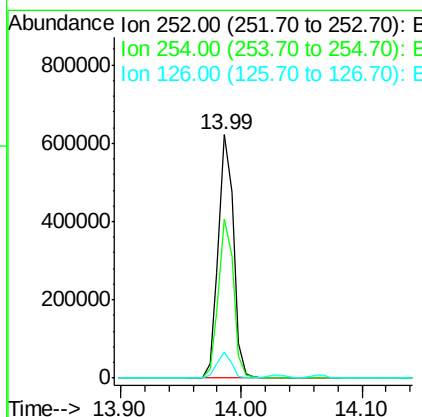
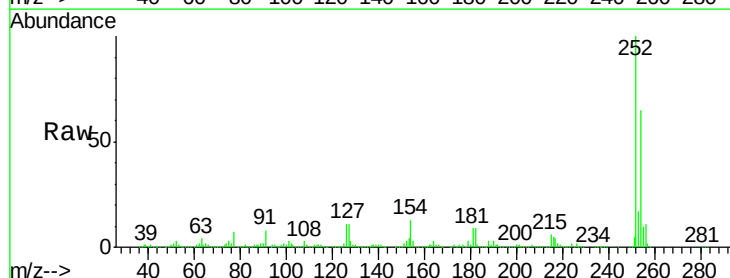
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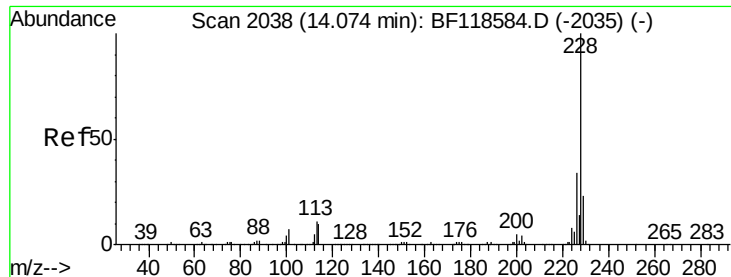
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 26.921 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion:252 Resp: 537171
Ion Ratio Lower Upper
252 100
254 65.1 53.4 80.2
126 10.8 8.0 12.0





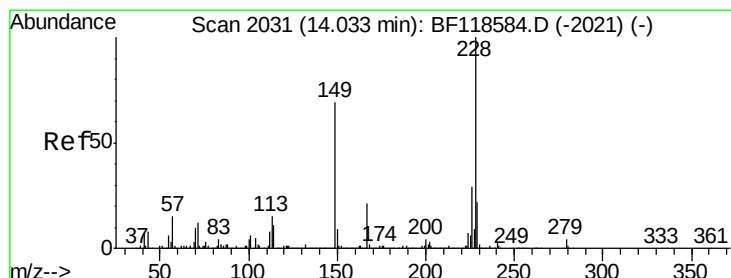
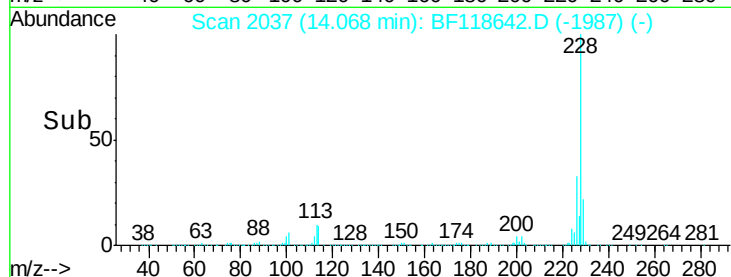
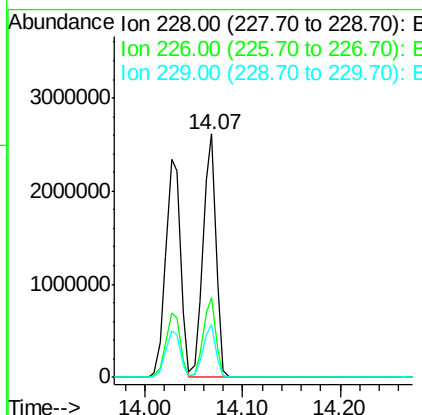
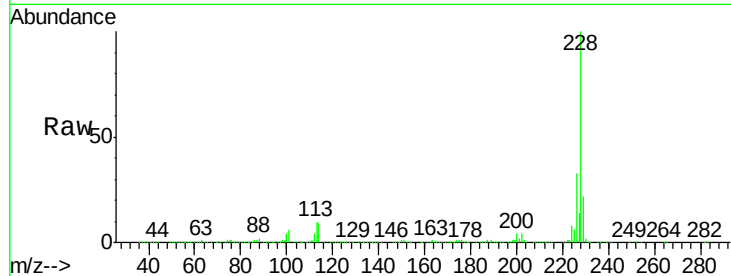
#83
 Chrysene
 Concen: 44.532 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	27.4	41.0
229	21.8	18.3	27.5

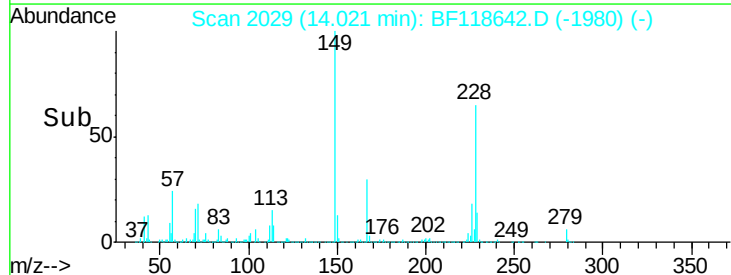
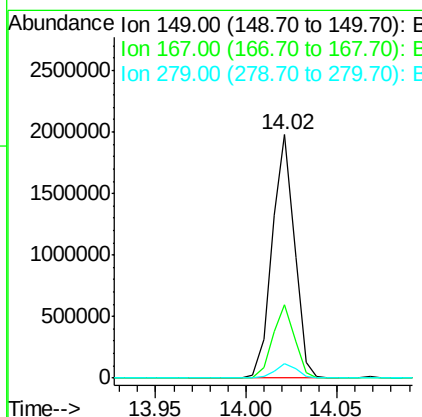
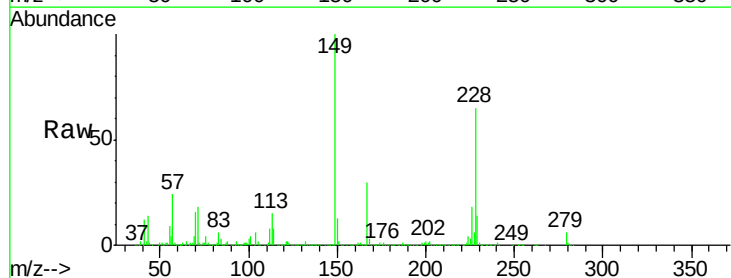
Manual Integrations
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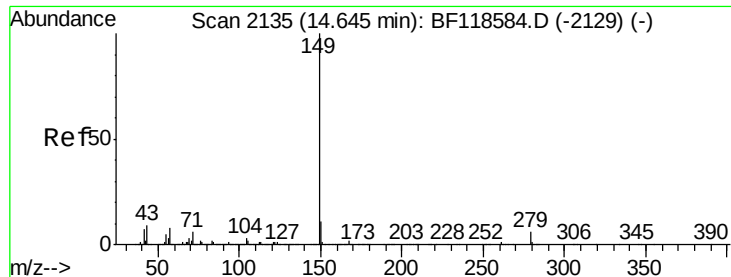
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.345 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.2	36.4
279	5.8	5.0	7.4





#85

Di-n-octyl phthalate

Concen: 53.107 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

Tot Ion:149 Resp: 2483984

Ion Ratio Lower Upper

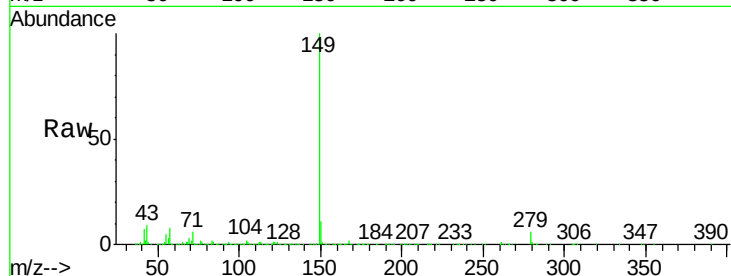
149 100

167 1.7 1.4 2.0

43 9.2 8.1 12.1

Manual Integrations
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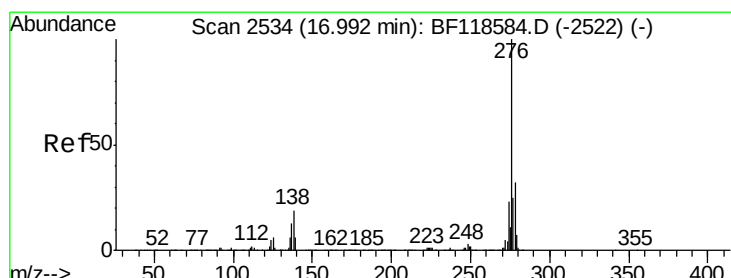
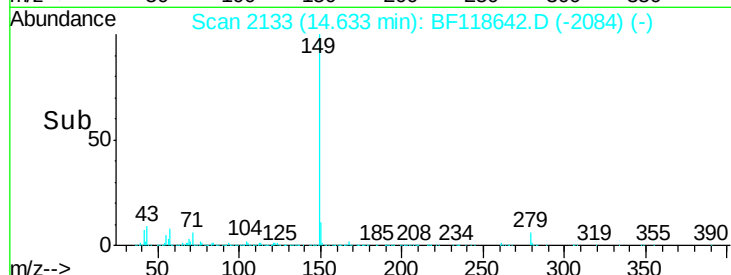
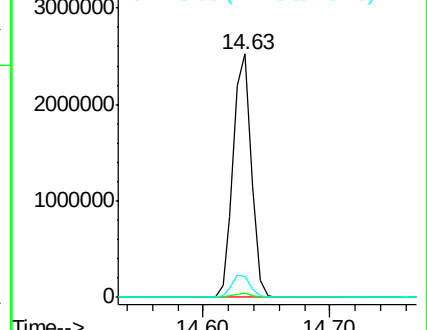
mohammad
1/22/2020 1:36:21 PM



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: 59.957 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

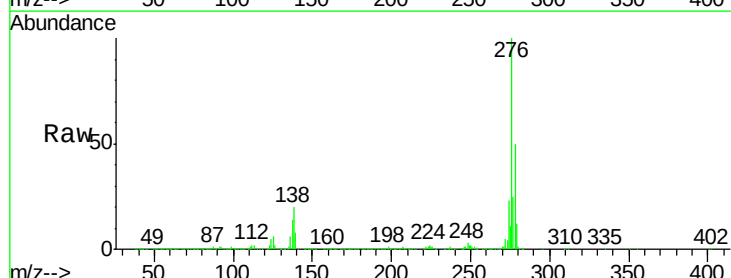
Tgt Ion:276 Resp: 2795914

Ion Ratio Lower Upper

276 100

138 22.1 17.2 25.8

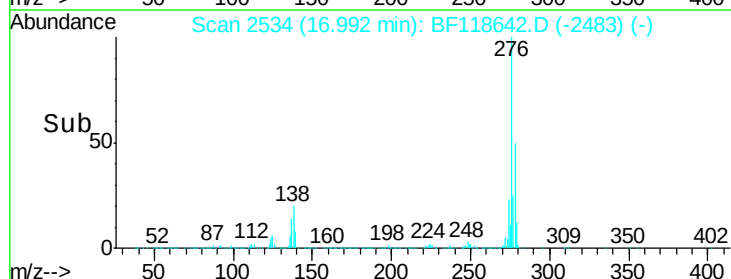
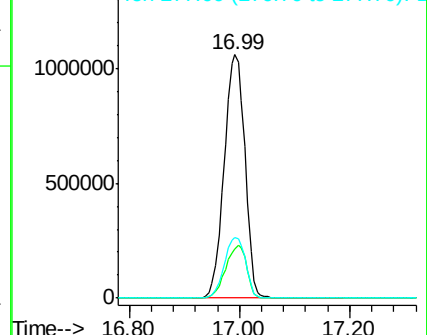
277 25.7 20.5 30.7

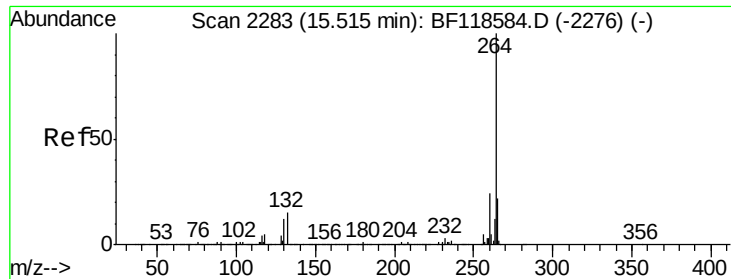


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





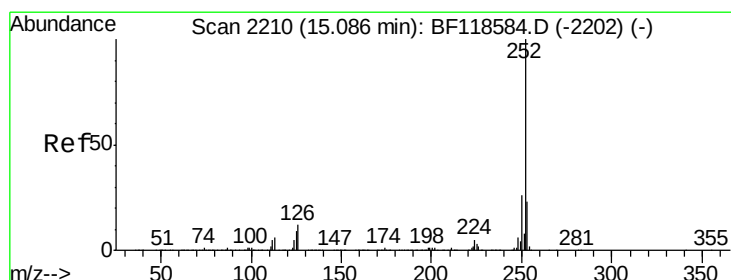
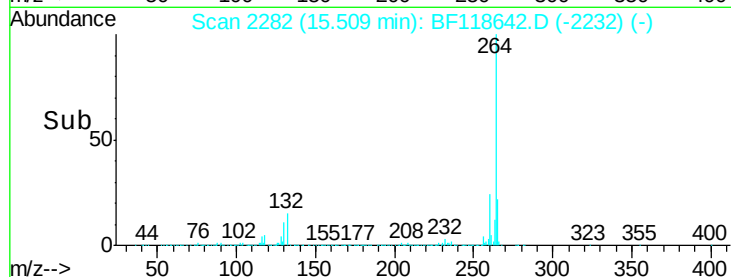
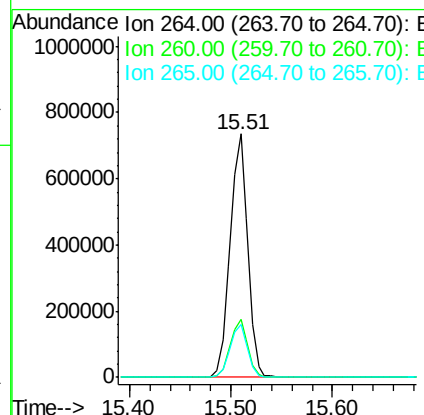
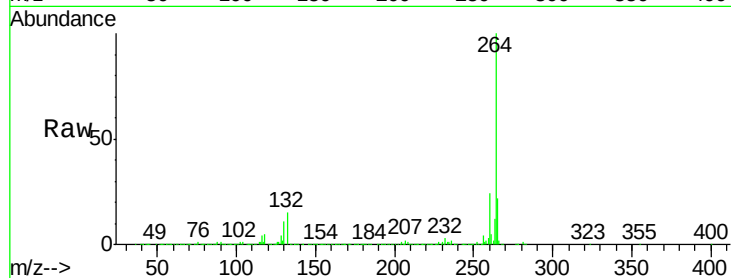
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.8	17.7	26.5

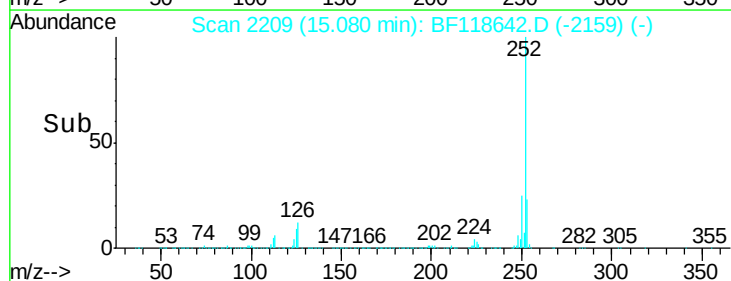
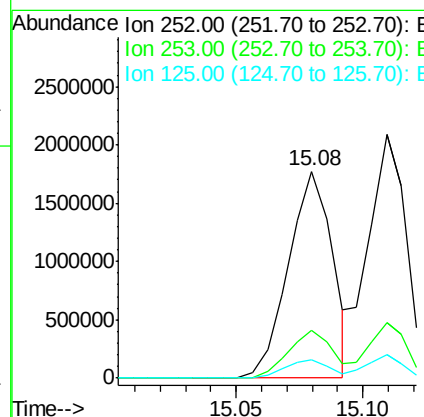
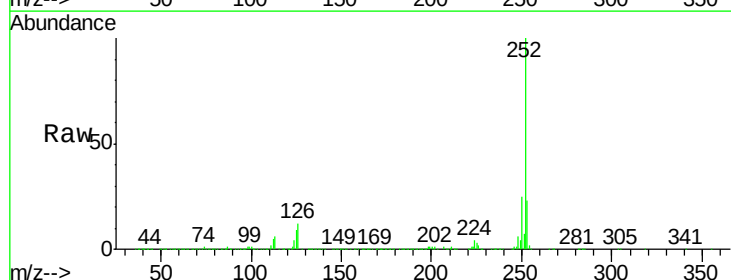
Manual Integrations
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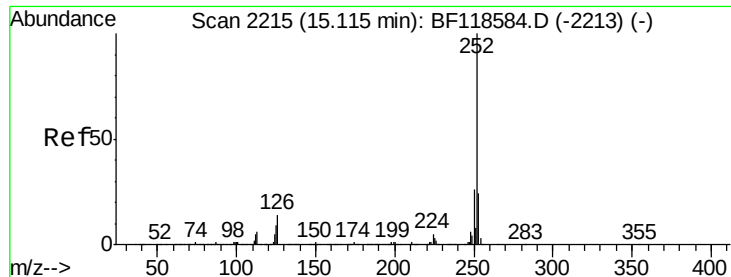
mohammad
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#88
Benzo(b)fluoranthene
Concen: 38.374 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	9.0	7.3	10.9





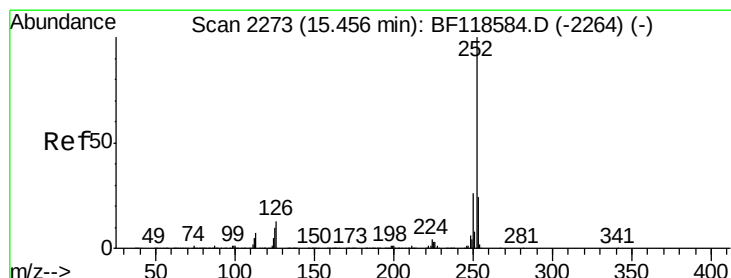
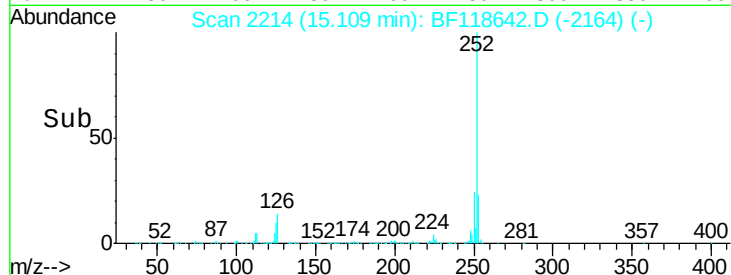
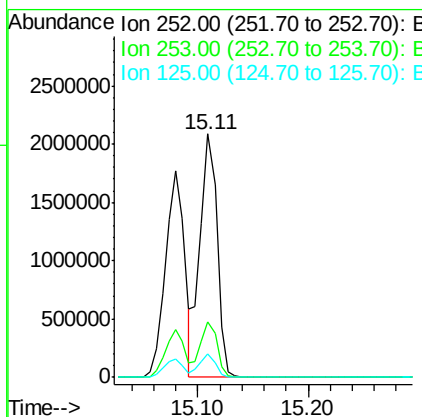
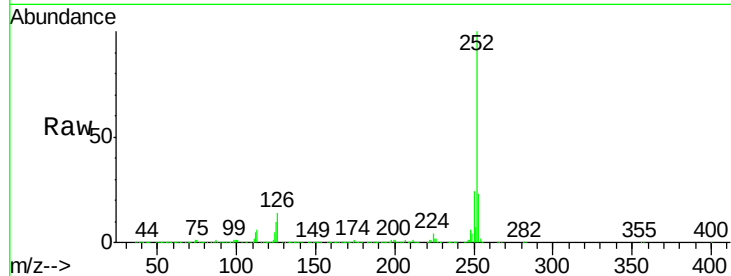
#89
Benzo(k)fluoranthene
Concen: 42.160 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tot Ion:252 Resp: 2182279
Ion Ratio Lower Upper
252 100
253 23.0 19.0 28.4
125 9.7 7.6 11.4

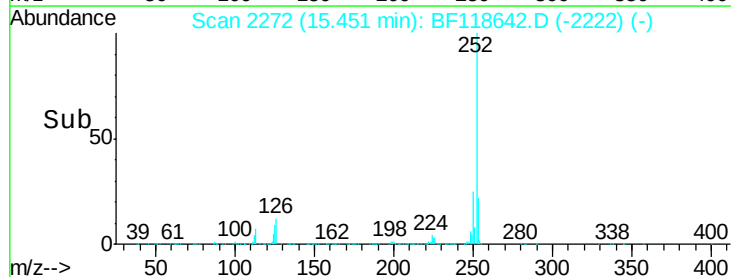
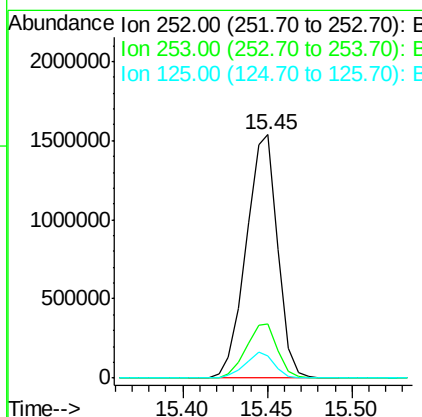
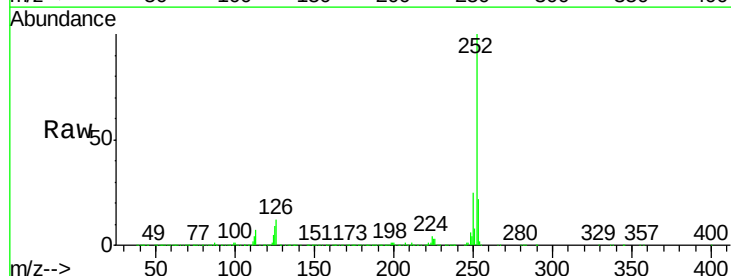
Manual Integrations
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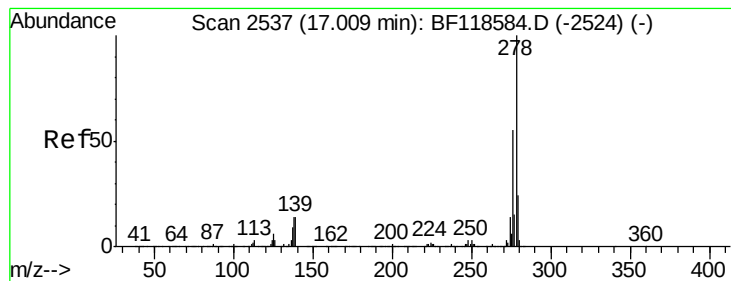
mohammad
1/22/2020 1:36:21 PM



#90
Benzo(a)pyrene
Concen: 41.350 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion:252 Resp: 1992882
Ion Ratio Lower Upper
252 100
253 22.4 18.8 28.2
125 9.3 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 54.126 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

Tot Ion:278 Resp: 2307471

Ion Ratio Lower Upper

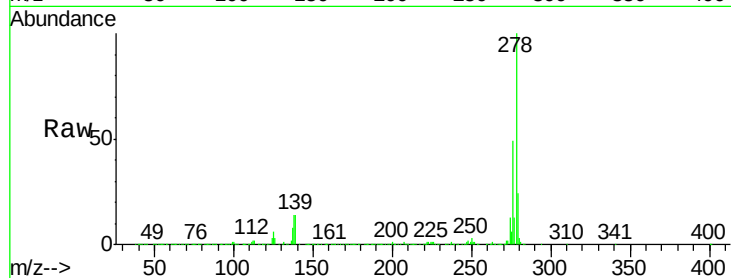
278 100

139 14.2 11.4 17.0

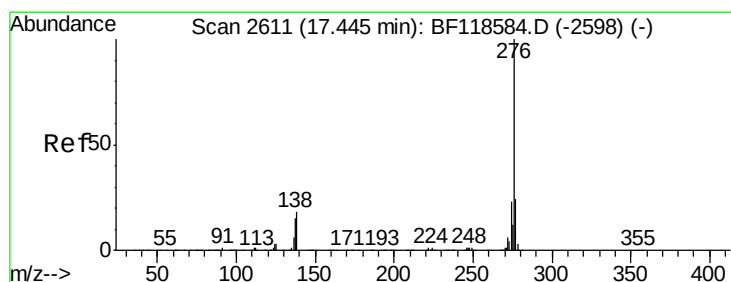
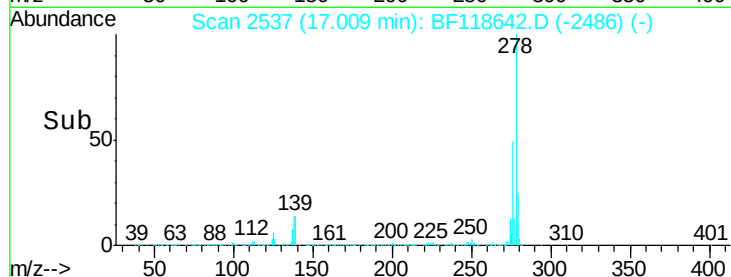
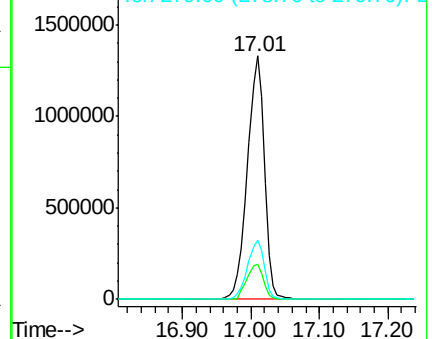
279 24.3 19.0 28.6

Manual Integrations
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mohammad
1/22/2020 1:36:21 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 58.081 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

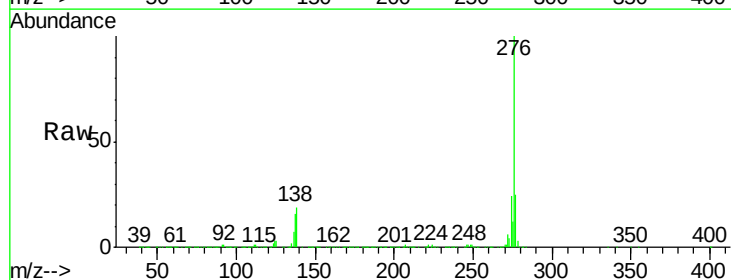
Tgt Ion:276 Resp: 2404166

Ion Ratio Lower Upper

276 100

277 24.5 18.9 28.3

138 19.1 14.4 21.6



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

