

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118726.D
 Acq On : 29 Jan 2020 12:46
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/30/2020 10:18:07 AM

Quant Time: Jan 30 03:37:01 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 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	322085	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1170189	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	648624	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1183844	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	862408	20.00	ng	-0.01
87) Perylene-d12	15.47	264	852414	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1427088	82.29	ng	-0.01
7) Phenol-d6	6.48	99	1784594	79.17	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1634143	78.11	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	646272	86.14	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3063067	77.62	ng	-0.01
79) Terphenyl-d14	12.96	244	3490653	88.28	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.61	88	318594	37.930	ng	99
3) Pyridine	3.36	79	896521	37.869	ng	99
4) n-Nitrosodimethylamine	3.30	42	329693	32.483	ng	99
6) Aniline	6.52	93	1168508	39.370	ng	99
8) 2-Chlorophenol	6.64	128	798689	41.032	ng	97
9) Benzaldehyde	6.40	77	513542	37.463	ng	98
10) Phenol	6.50	94	1002552	39.029	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	746145	39.151	ng	99
12) 1,3-Dichlorobenzene	6.79	146	947255	41.577	ng	98
13) 1,4-Dichlorobenzene	6.87	146	942917	41.229	ng	98
14) 1,2-Dichlorobenzene	7.03	146	866239	40.292	ng	97
15) Benzyl Alcohol	6.99	79	699445	39.130	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	919166	34.626	ng	99
17) 2-Methylphenol	7.10	107	656799	40.508	ng	99
18) Hexachloroethane	7.37	117	334736	40.364	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	529143	34.767	ng	98
20) 3+4-Methylphenols	7.26	107	779488	39.376	ng	91
22) Acetophenone	7.26	105	1059062	38.205	ng	# 97
24) Nitrobenzene	7.43	77	818171	38.194	ng	98
25) Isophorone	7.67	82	1440386	37.747	ng	99
26) 2-Nitrophenol	7.75	139	434573	47.572	ng	96
27) 2,4-Dimethylphenol	7.79	122	586236	37.164	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	944002	38.394	ng	99
29) 2,4-Dichlorophenol	7.99	162	715973	41.058	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	827781	40.941	ng	99
31) Naphthalene	8.16	128	2231981	42.223	ng	99
32) Benzoic acid	7.91	122	468511m	39.574	ng	
33) 4-Chloroaniline	8.20	127	997030	40.807	ng	99
34) Hexachlorobutadiene	8.28	225	497990	40.444	ng	99
35) Caprolactam	8.57	113	224306	39.306	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	703743	40.868	ng	100
37) 2-Methylnaphthalene	8.85	142	1532696	41.077	ng	99
38) 1-Methylnaphthalene	8.95	142	1445877	40.788	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	823415	40.572	ng	99

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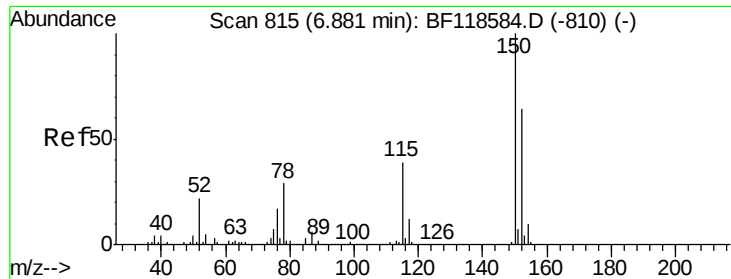
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	392912	38.372	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	550453	40.873	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	564212	41.021	ng	99
46) 1,1'-Biphenyl	9.31	154	1879706	42.049	ng	98
47) 2-Chloronaphthalene	9.34	162	1573561	41.762	ng	99
48) 2-Nitroaniline	9.43	65	449704	38.826	ng	95
49) Acenaphthylene	9.75	152	2296236	43.319	ng	99
50) Dimethylphthalate	9.61	163	1806037	42.738	ng	99
51) 2,6-Dinitrotoluene	9.67	165	415649	43.924	ng	96
52) Acenaphthene	9.93	154	1478548	41.715	ng	99
53) 3-Nitroaniline	9.84	138	466844	43.205	ng	96
54) 2,4-Dinitrophenol	9.94	184	183987	48.702	ng	# 86
55) Dibenzofuran	10.09	168	2064116	42.022	ng	99
56) 4-Nitrophenol	9.99	139	335559	41.137	ng	98
57) 2,4-Dinitrotoluene	10.07	165	554161	46.454	ng	94
58) Fluorene	10.44	166	1547222	40.124	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	486799	40.239	ng	99
60) Diethylphthalate	10.31	149	1717907	41.928	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	844218	40.254	ng	96
62) 4-Nitroaniline	10.45	138	462560	41.733	ng	98
63) Azobenzene	10.59	77	1510617	38.069	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	266141	51.125	ng	89
66) n-Nitrosodiphenylamine	10.55	169	1466293	41.070	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	599245	40.971	ng	96
68) Hexachlorobenzene	10.99	284	682125	41.136	ng	95
69) Atrazine	11.07	200	488517	39.478	ng	100
70) Pentachlorophenol	11.17	266	369981	40.131	ng	98
71) Phenanthrene	11.40	178	2388537	41.821	ng	100
72) Anthracene	11.45	178	2397577	42.425	ng	100
73) Carbazole	11.60	167	2143407	41.349	ng	99
74) Di-n-butylphthalate	11.93	149	2513591	43.645	ng	100
75) Fluoranthene	12.59	202	2514688	41.745	ng	99
77) Benzidine	12.70	184	1111937	48.255	ng	99
78) Pyrene	12.82	202	2537094	43.332	ng	100
80) Butylbenzylphthalate	13.43	149	1081650	45.140	ng	95
81) Benzo(a)anthracene	14.00	228	2148280	41.410	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	867899	46.949	ng	100
83) Chrysene	14.04	228	2133163	42.903	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1339698	45.762	ng	99
85) Di-n-octyl phthalate	14.60	149	2207958	50.954	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2068888m	47.889	ng	
88) Benzo(b)fluoranthene	15.04	252	2120826	39.582	ng	99
89) Benzo(k)fluoranthene	15.07	252	2006387	40.419	ng	99
90) Benzo(a)pyrene	15.41	252	1875719	40.582	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1712967	41.898	ng	99
92) Benzo(g,h,i)perylene	17.37	276	1675792	42.215	ng	99

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



#1

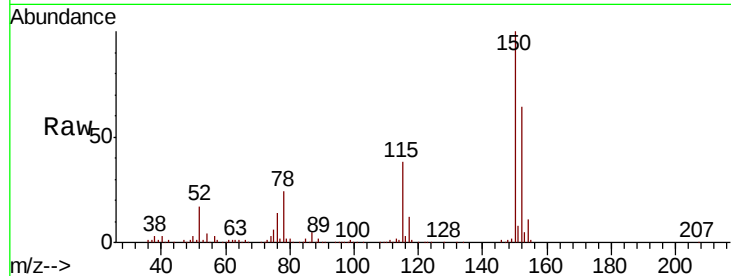
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
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ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.7	185.5
115	58.4	45.1	67.7

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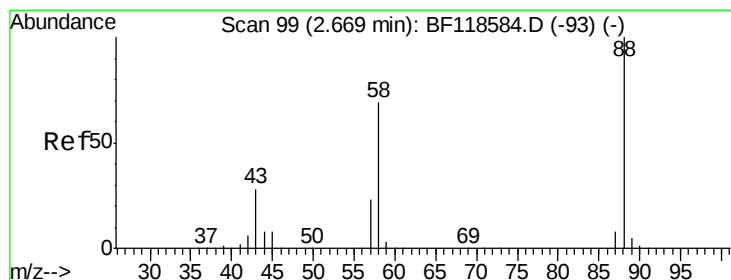
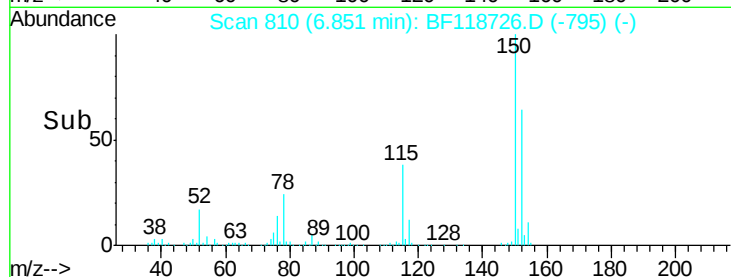
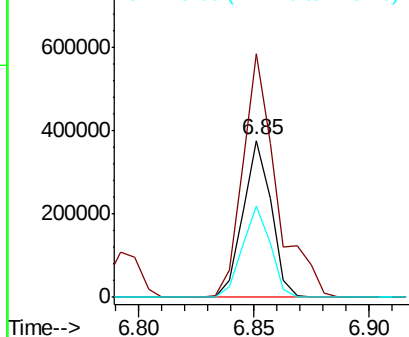


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

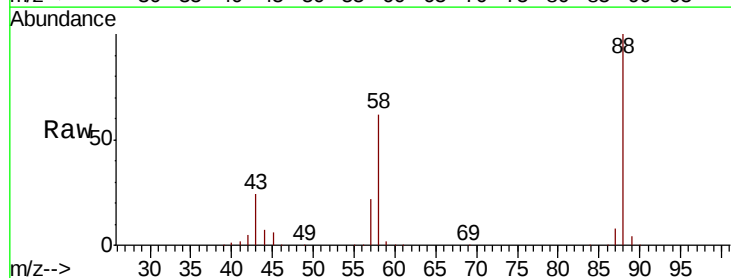
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.930 ng
RT: 2.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.0	51.9	77.9
43	25.0	19.3	28.9

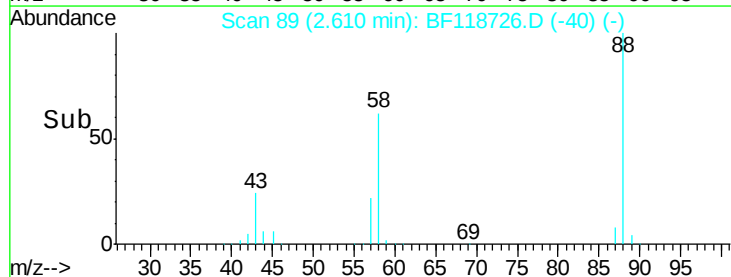
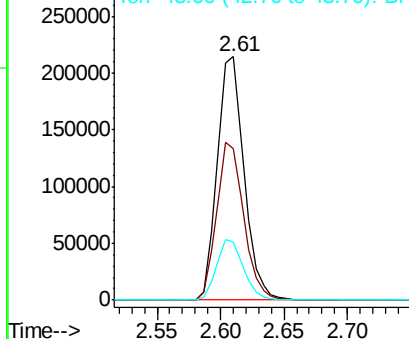


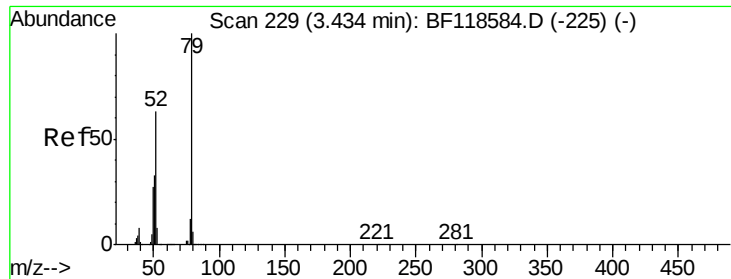
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.869 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.02 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

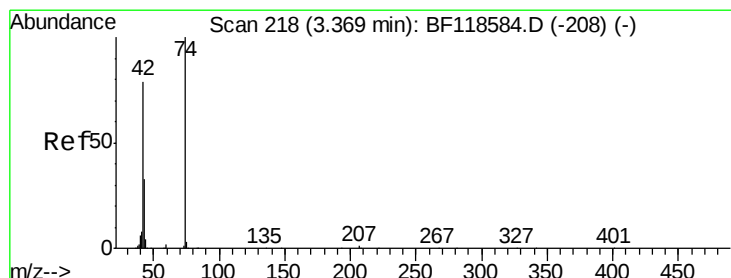
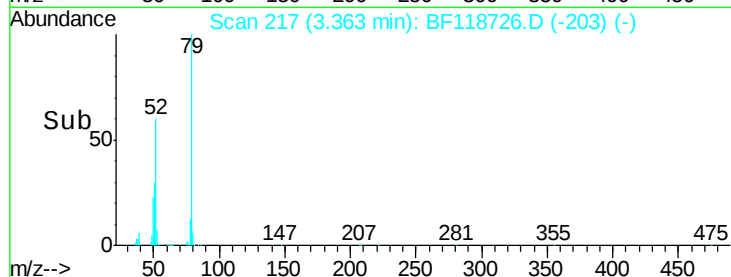
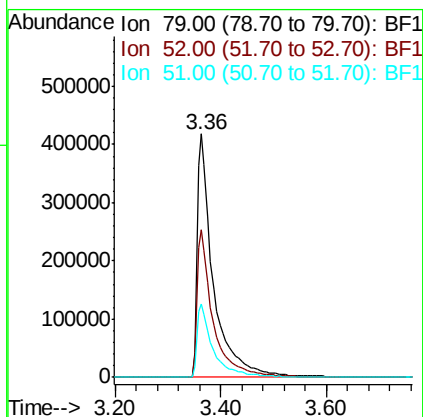
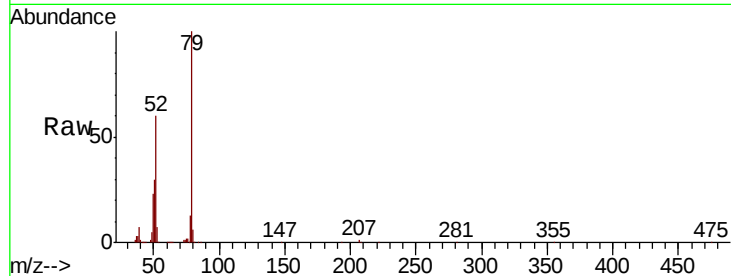
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	896521
Ion	Ratio	Lower	Upper
79	100		
52	60.4	48.8	73.2
51	30.3	24.4	36.6

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#4

n-Nitrosodimethylamine

Concen: 32.483 ng

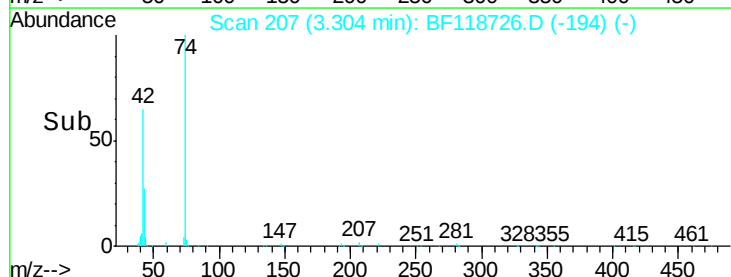
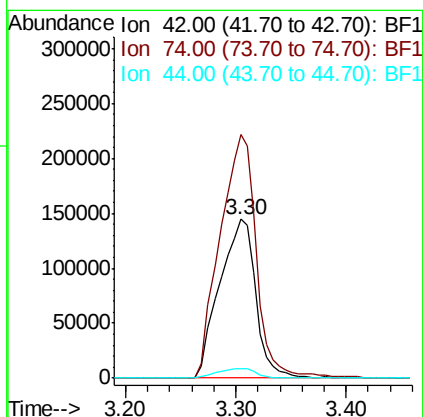
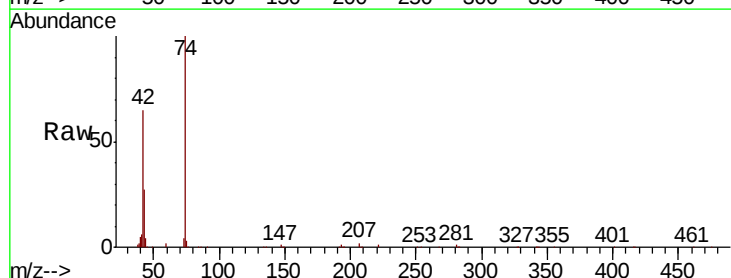
RT: 3.30 min Scan# 207

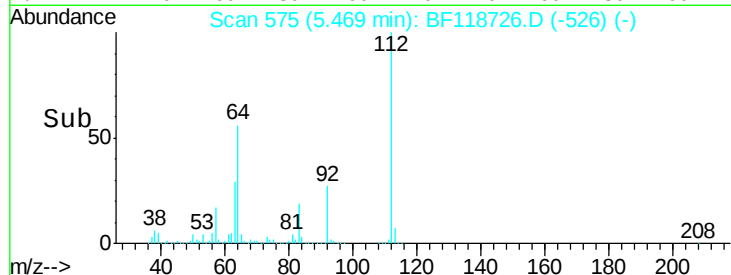
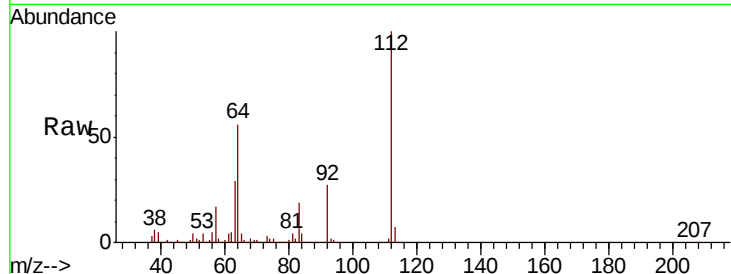
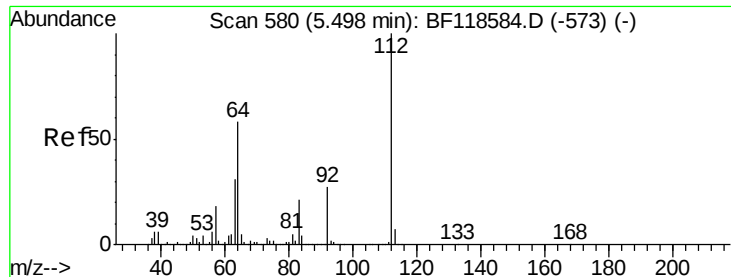
Delta R.T. -0.02 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Tgt Ion:	42	Resp:	329693
Ion	Ratio	Lower	Upper
42	100		
74	153.4	123.5	185.3
44	5.9	5.6	8.4





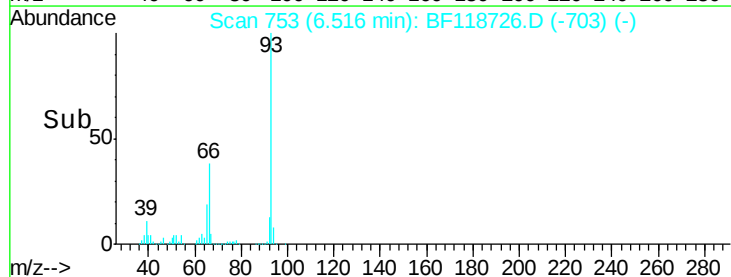
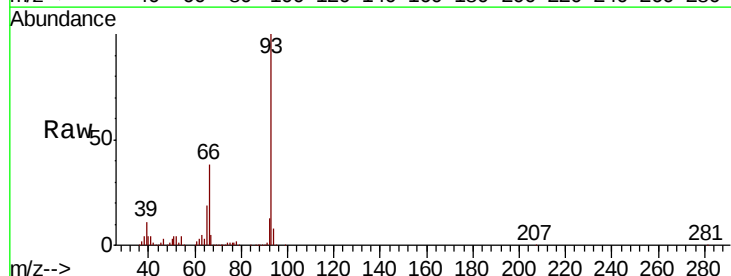
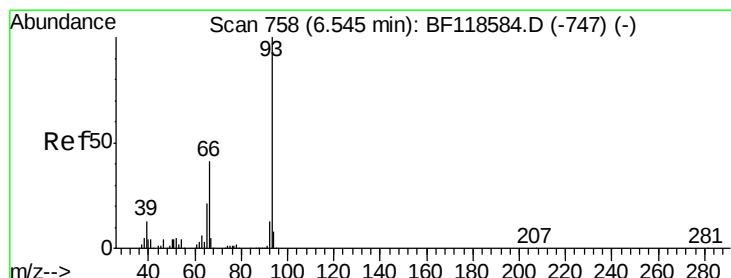
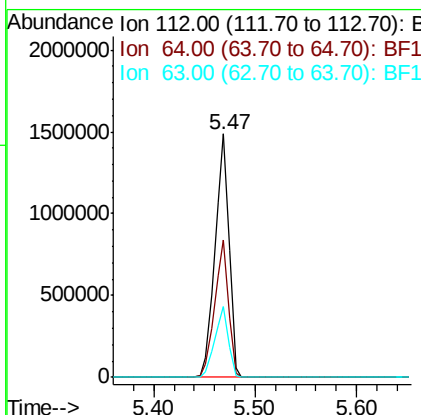
#5
2-Fluorophenol
Concen: 82.291 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tot Ion: 112 Resp: 1427088
Ion Ratio Lower Upper
112 100
64 56.2 42.4 63.6
63 29.1 21.7 32.5

Instrument :
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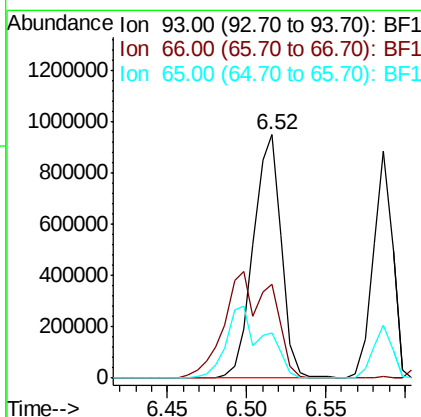
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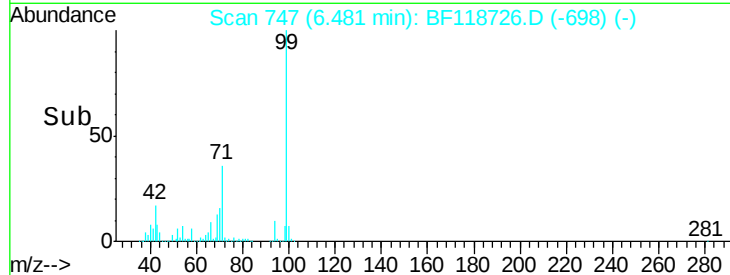
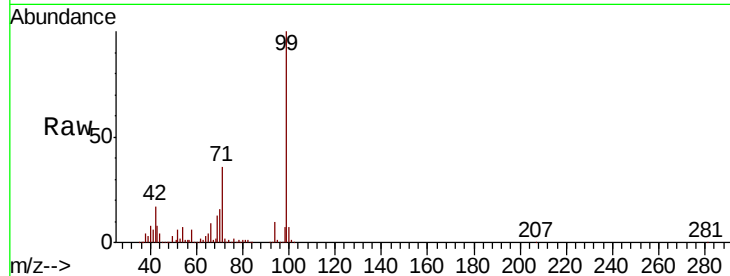
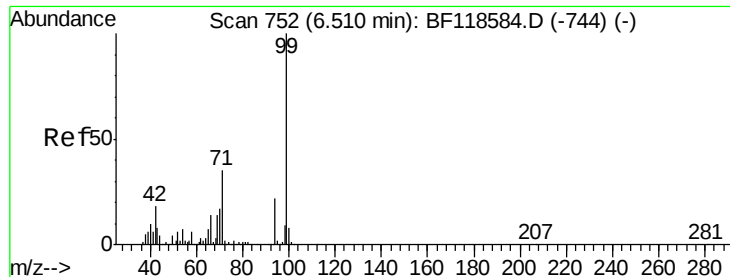
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#6
Aniline
Concen: 39.370 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion: 93 Resp: 1168508
Ion Ratio Lower Upper
93 100
66 38.4 31.3 46.9
65 18.8 15.3 22.9





#7

Phenol-d6

Concen: 79.174 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Tot Ion:	99	Resp:	1784594
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	35.9	28.4	42.6

Instrument :

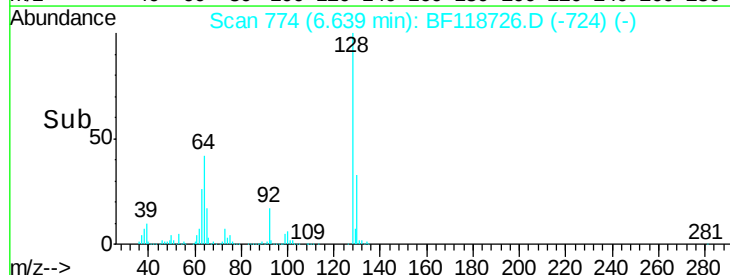
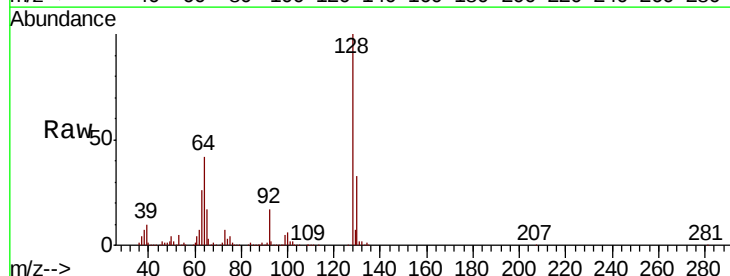
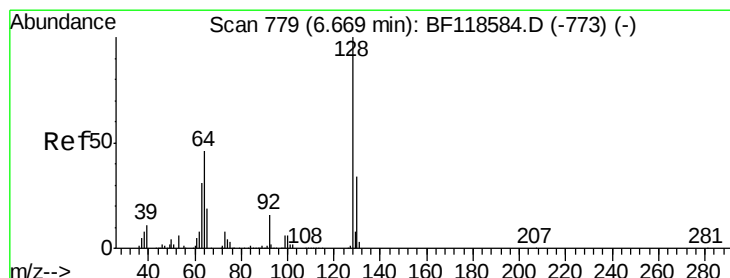
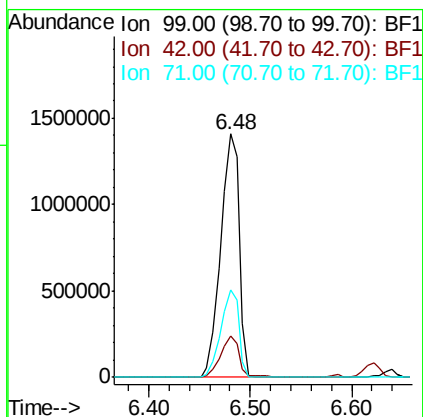
BNA_F

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#8

2-Chlorophenol

Concen: 41.032 ng

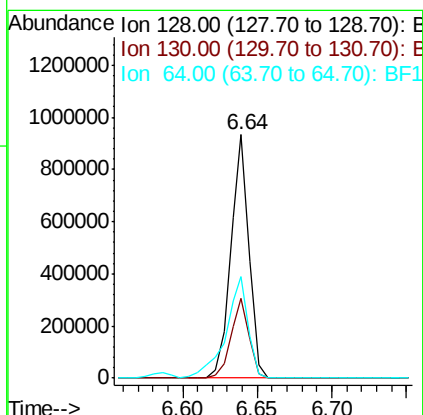
RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Tgt Ion:	128	Resp:	798689
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	41.7	24.5	64.5





#9

Benzaldehyde

Concen: 37.463 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

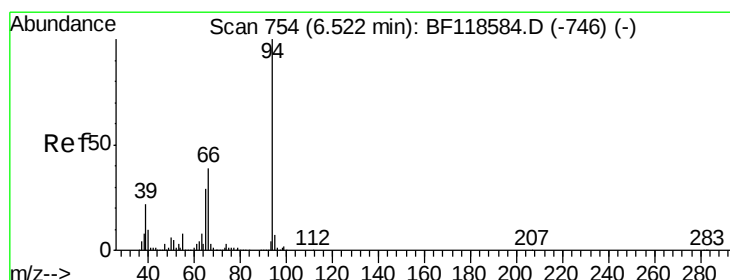
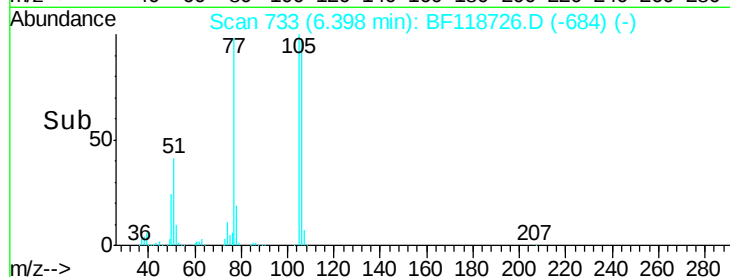
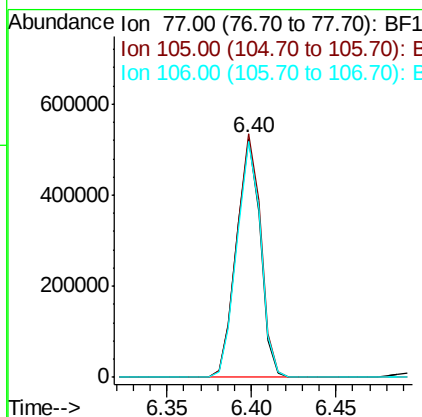
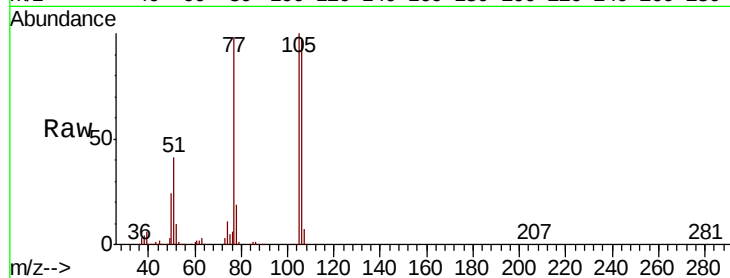
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	513542
Ion Ratio	Lower	Upper	
77	100		
105	102.1	84.3	124.3
106	99.0	80.4	120.4

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#10

Phenol

Concen: 39.029 ng

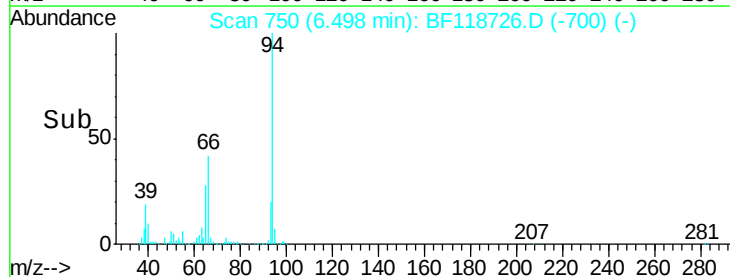
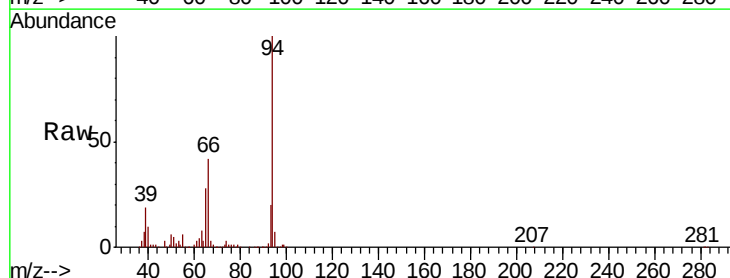
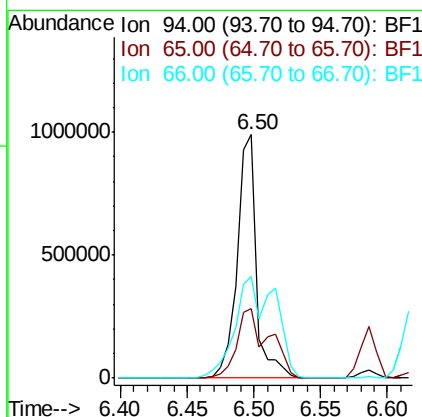
RT: 6.50 min Scan# 750

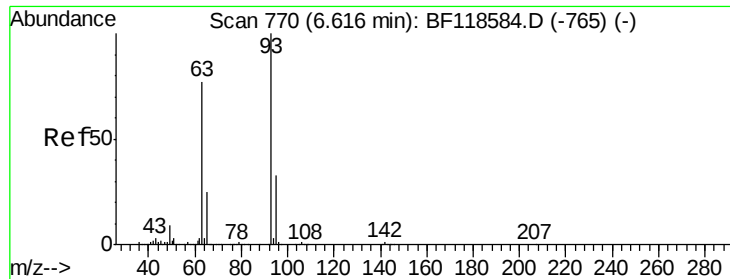
Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Tgt Ion:	94	Resp:	1002552
Ion Ratio	Lower	Upper	
94	100		
65	28.5	7.9	47.9
66	41.9	19.1	59.1





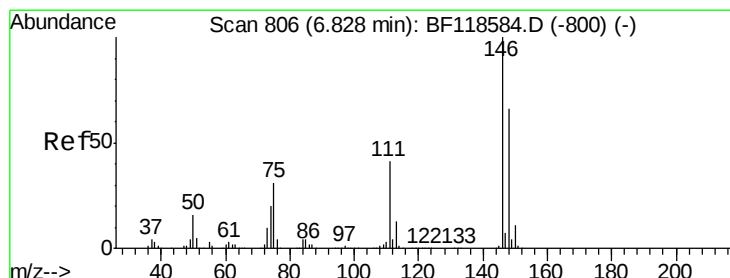
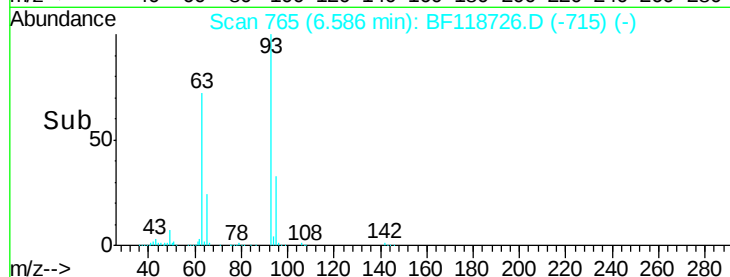
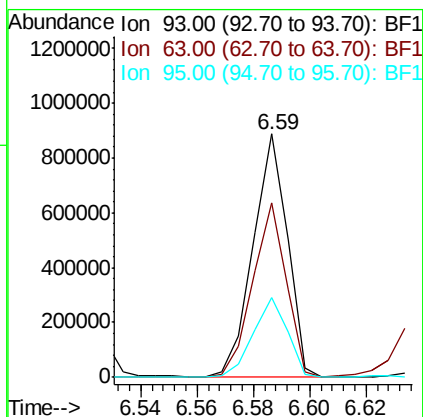
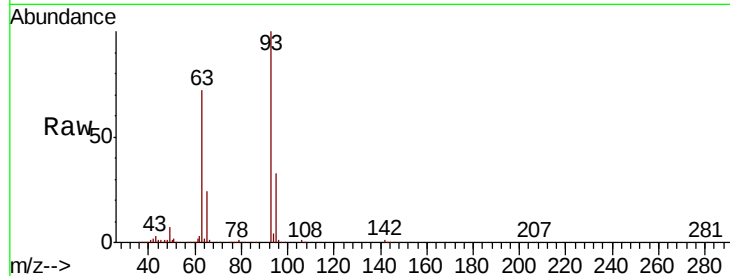
#11
bis(2-Chloroethyl)ether
Concen: 39.151 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	746145
Ion	Ratio	Lower	Upper
93	100		
63	71.6	52.1	92.1
95	32.8	13.2	53.2

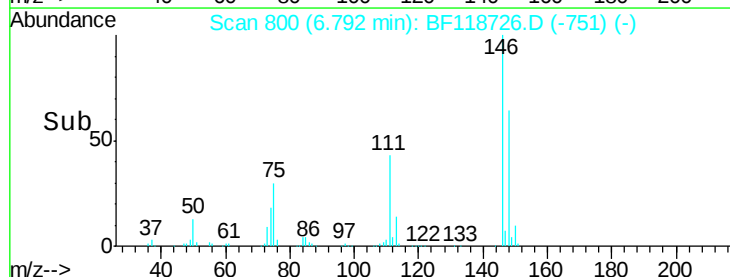
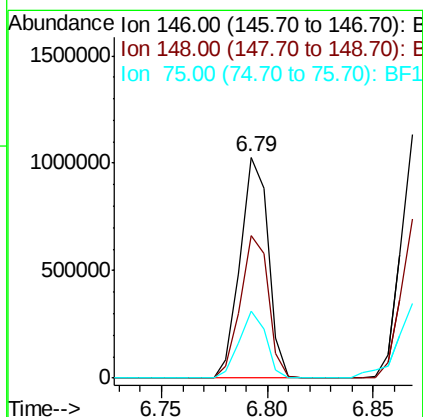
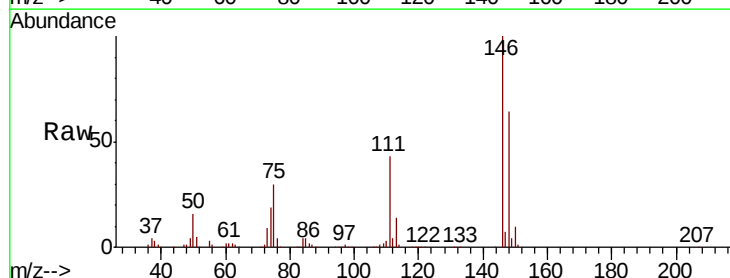
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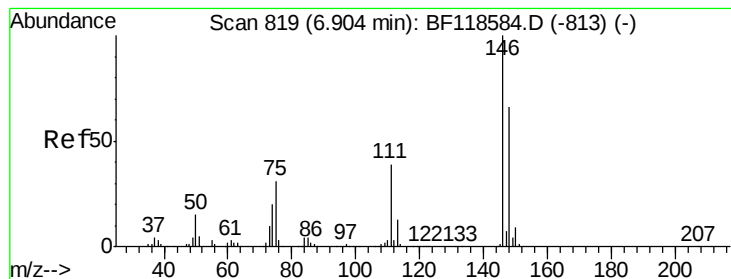
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#12
1,3-Dichlorobenzene
Concen: 41.577 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:	146	Resp:	947255
Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.4
75	30.4	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 41.229 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

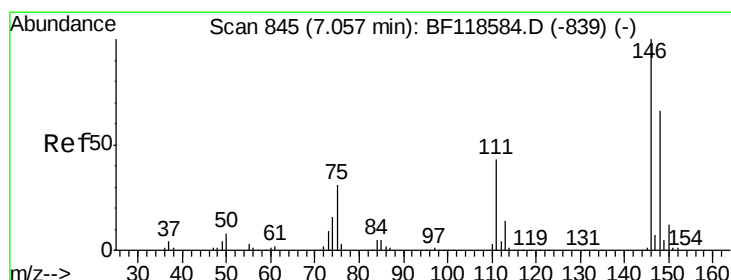
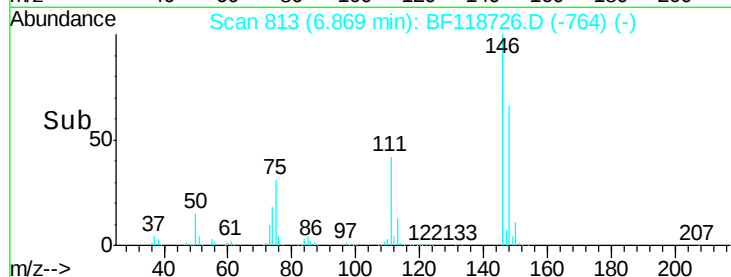
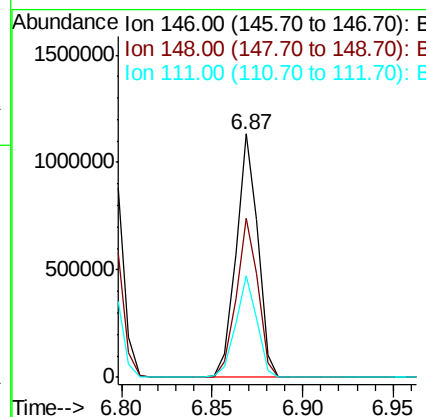
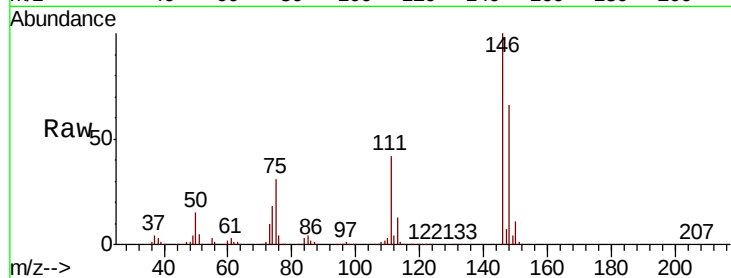
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	942917
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.5	77.3
111	41.5	31.8	47.6

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#14

1,2-Dichlorobenzene

Concen: 40.292 ng

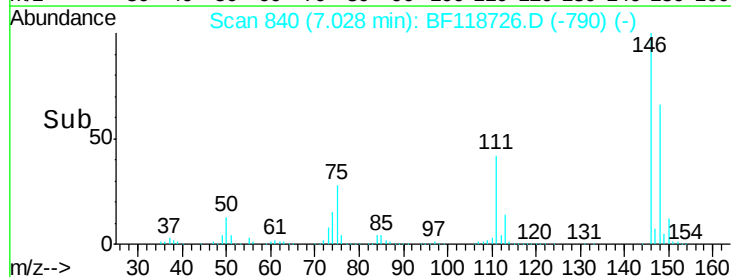
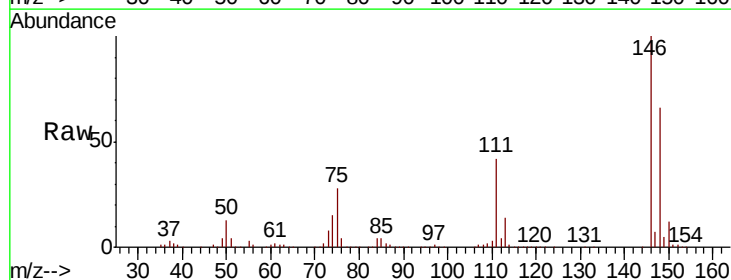
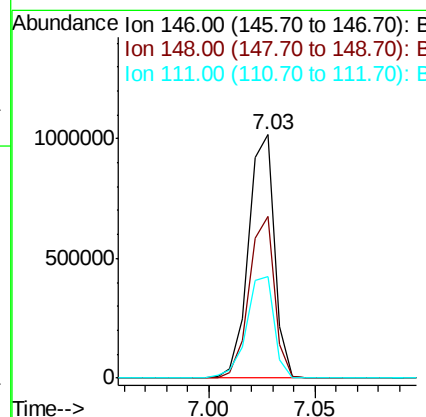
RT: 7.03 min Scan# 840

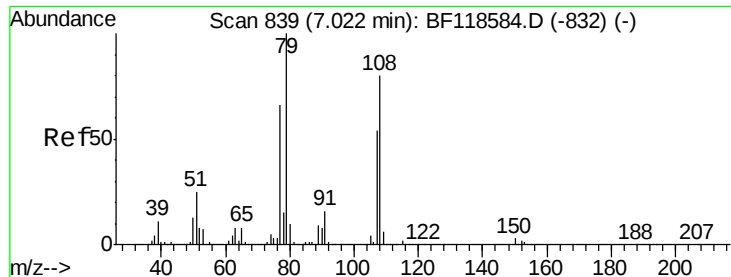
Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Tgt Ion:	146	Resp:	866239
Ion Ratio	Lower	Upper	
146	100		
148	66.3	51.7	77.5
111	41.8	35.3	52.9





#15

Benzyl Alcohol

Concen: 39.130 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

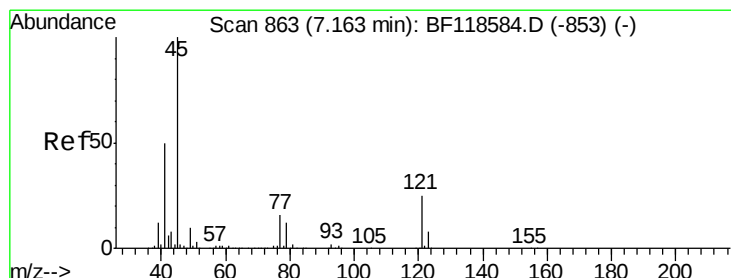
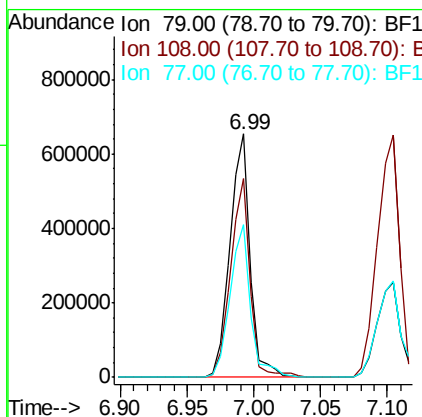
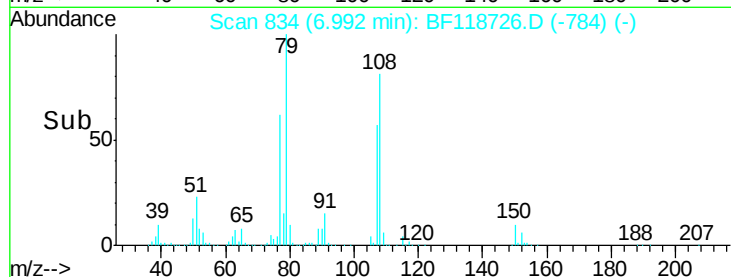
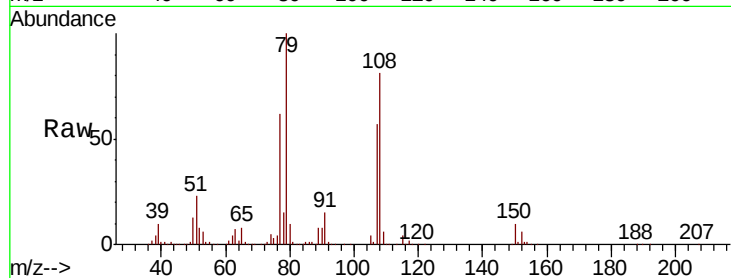
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	699445
Ion Ratio	Lower	Upper	
79	100		
108	81.4	63.4	95.2
77	62.5	49.8	74.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.626 ng

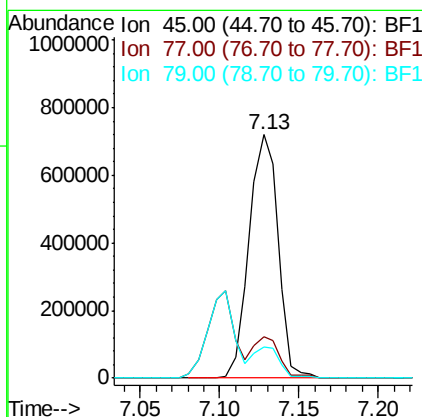
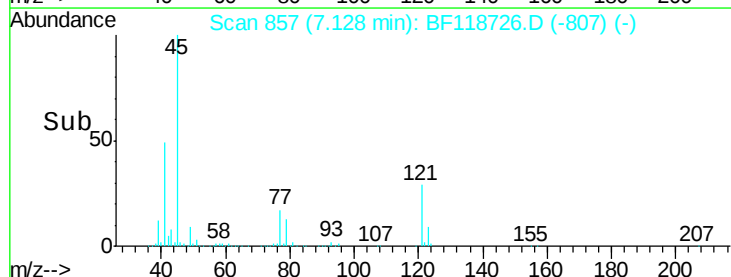
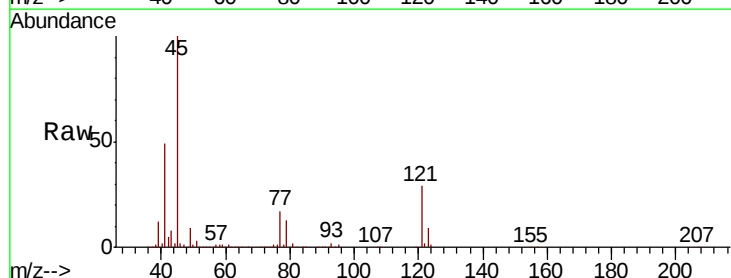
RT: 7.13 min Scan# 857

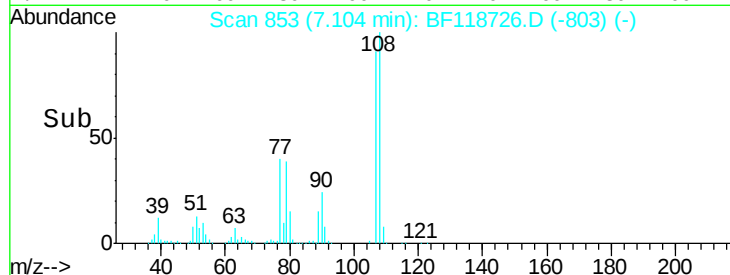
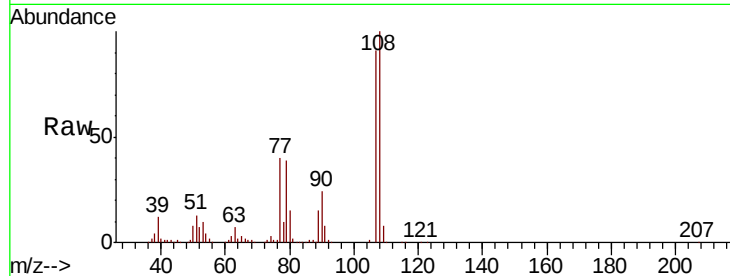
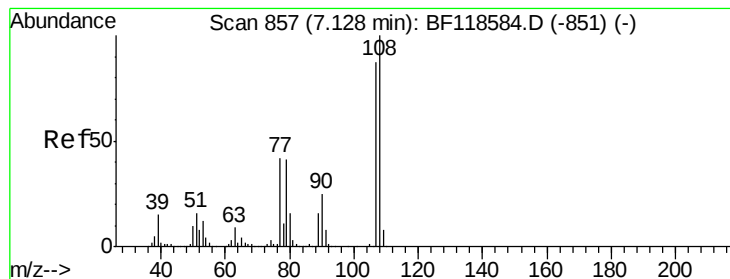
Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Tgt Ion:	45	Resp:	919166
Ion Ratio	Lower	Upper	
45	100		
77	17.2	0.0	36.9
79	12.9	0.0	32.5





#17

2-Methylphenol

Concen: 40.508 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Tot Ion	107	Resp	656799
Ion Ratio	Lower	Upper	
107	100		
108	110.2	88.0	132.0
77	43.7	35.3	52.9
79	43.5	35.4	53.2

Instrument :

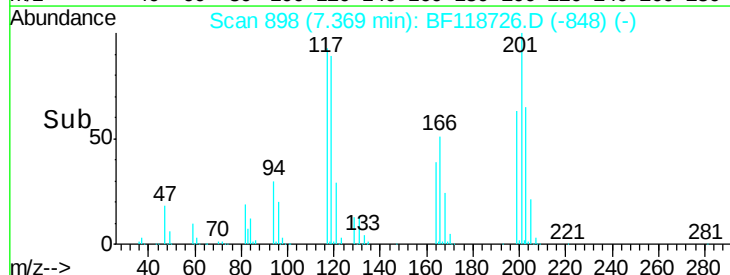
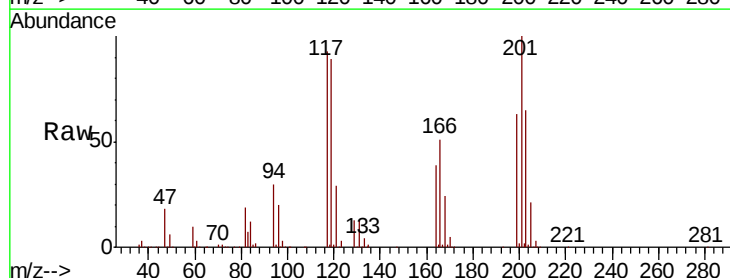
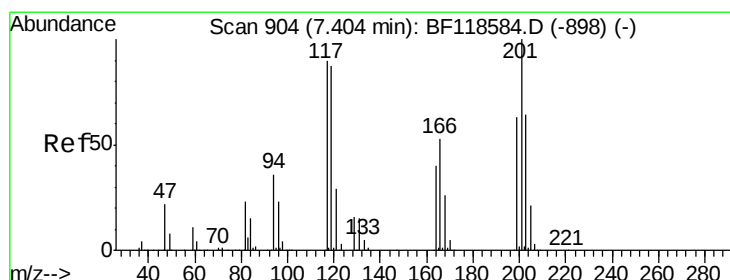
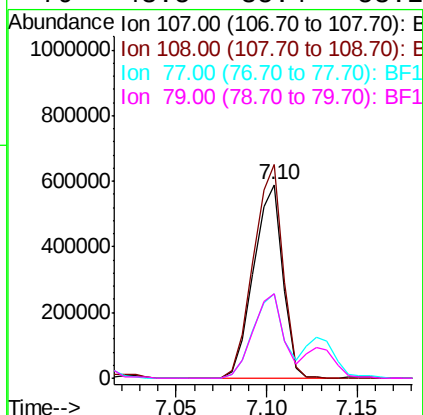
BNA_F

ClientSampleId :

SSTDCCC040

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#18

Hexachloroethane

Concen: 40.364 ng

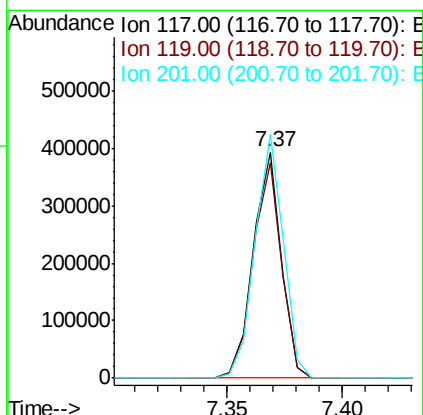
RT: 7.37 min Scan# 898

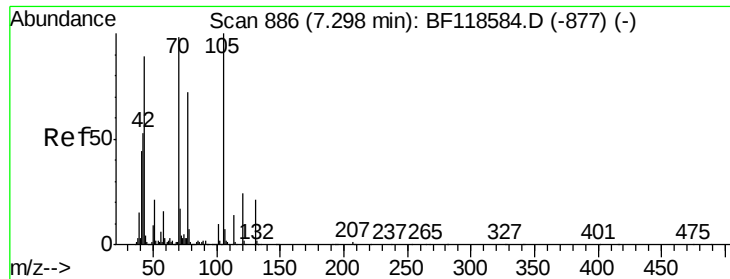
Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Tgt Ion	117	Resp	334736
Ion Ratio	Lower	Upper	
117	100		
119	95.5	76.2	114.2
201	107.7	83.3	124.9





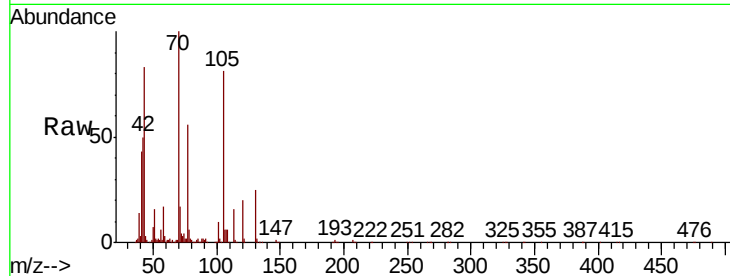
#19
n-Nitroso-di-n-propylamine
Concen: 34.767 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

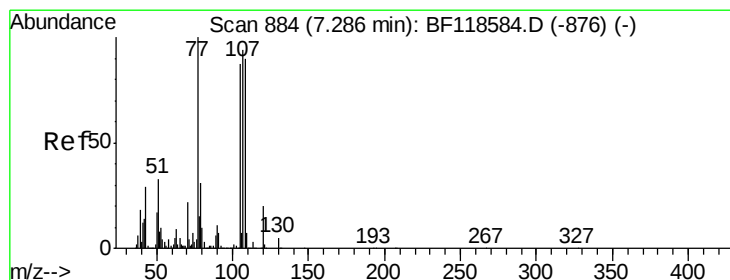
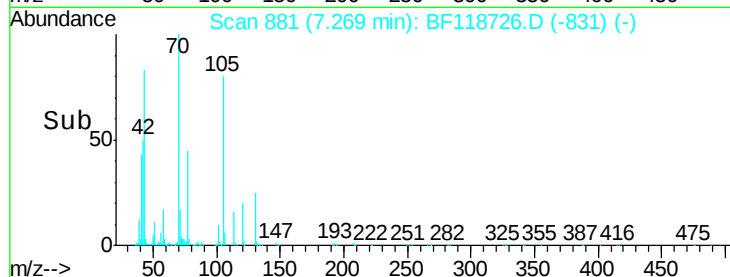
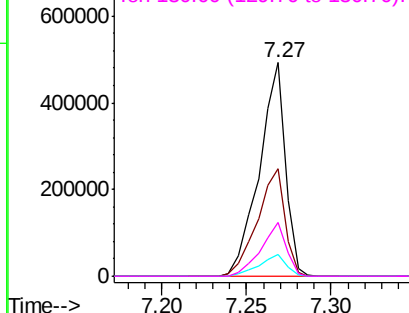
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.3	41.6	62.4	
101	10.4	7.9	11.9	
130	24.9	19.0	28.6	

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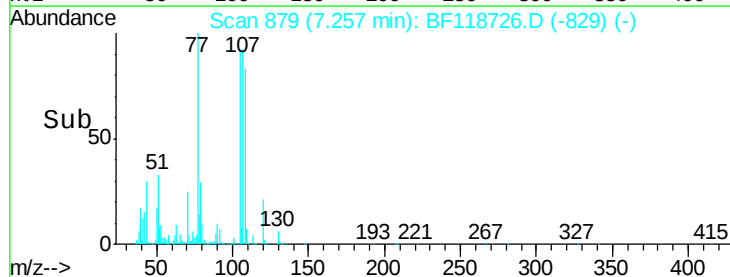
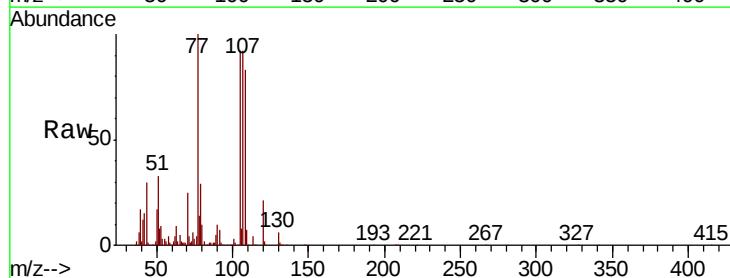
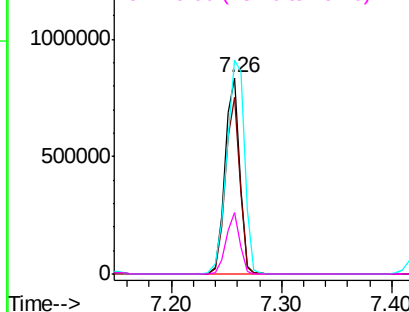
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

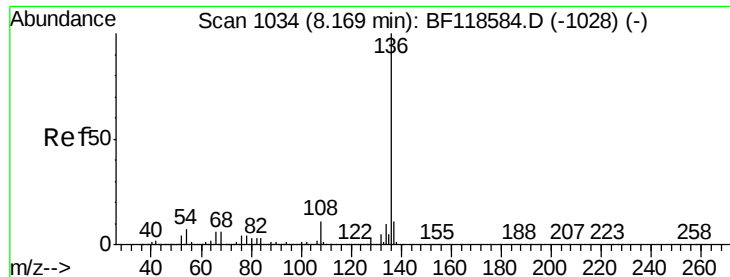


#20
3+4-Methylphenols
Concen: 39.376 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	67.5	107.5	
77	108.9	73.6	113.6	
79	31.1	9.3	49.3	

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





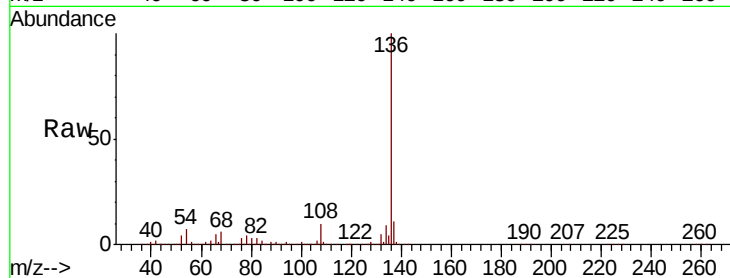
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.6	5.1	7.7
68	5.7	4.3	6.5

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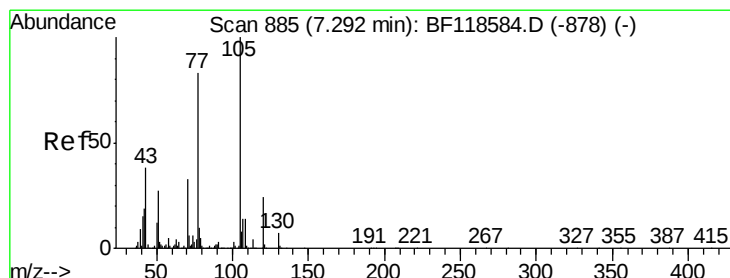
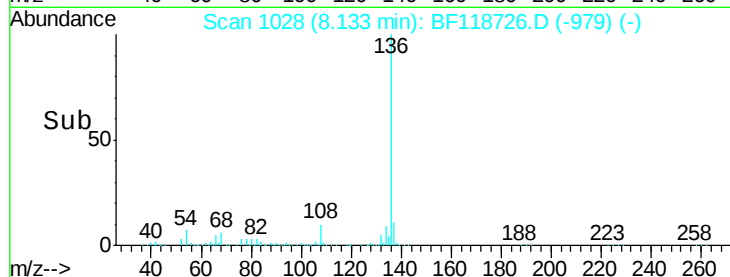
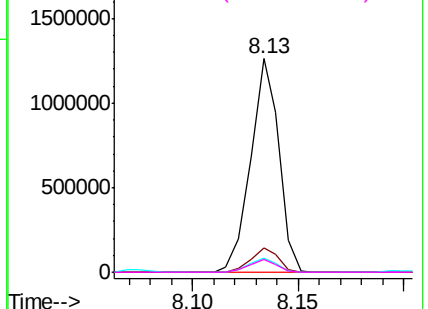
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.205 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.5	4.3	6.5#
51	26.3	23.5	35.3
120	23.6	18.6	28.0

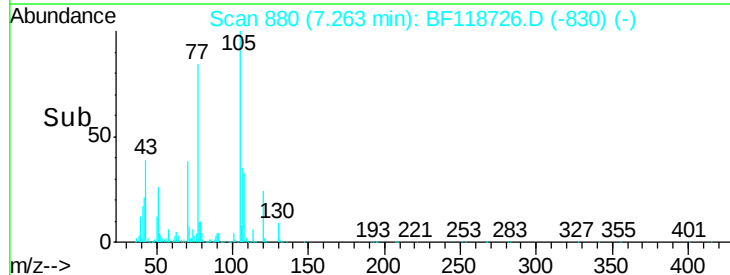
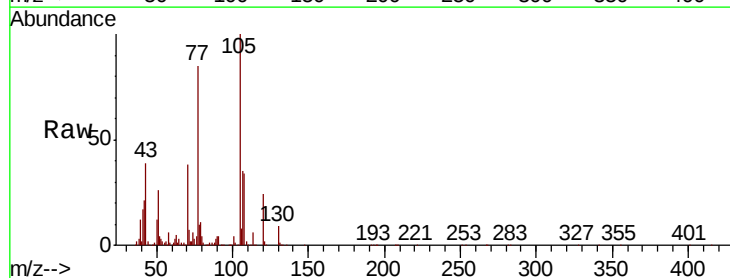
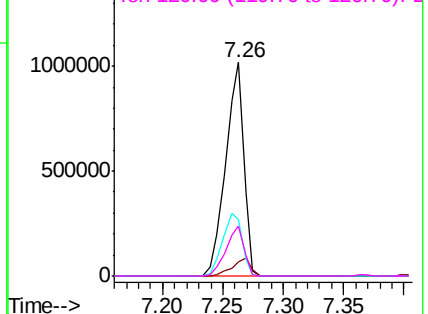
Abundance

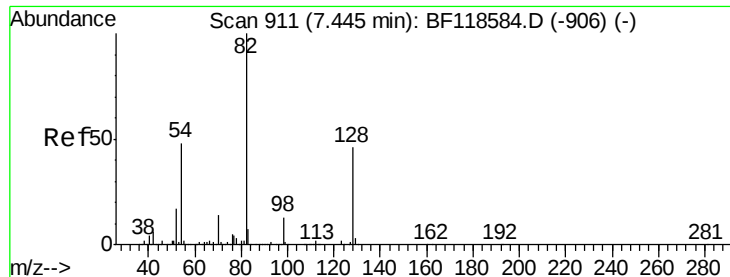
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





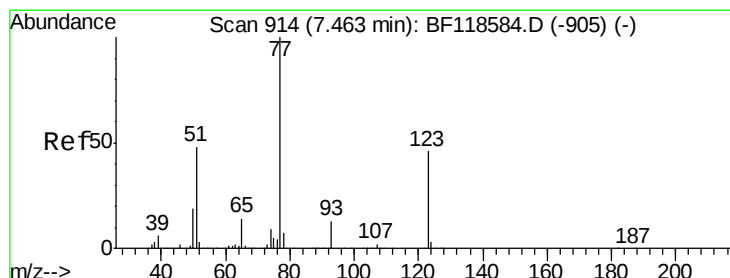
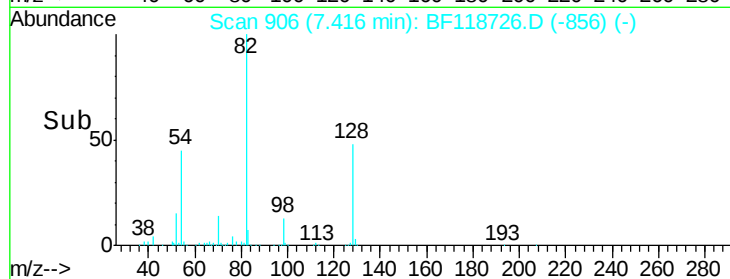
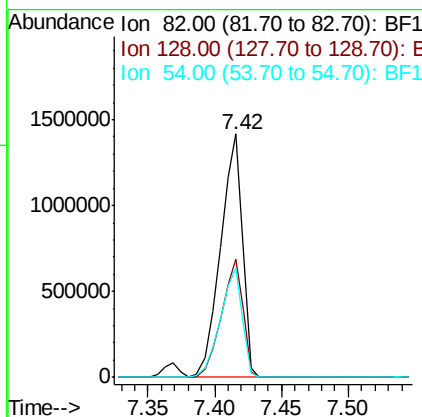
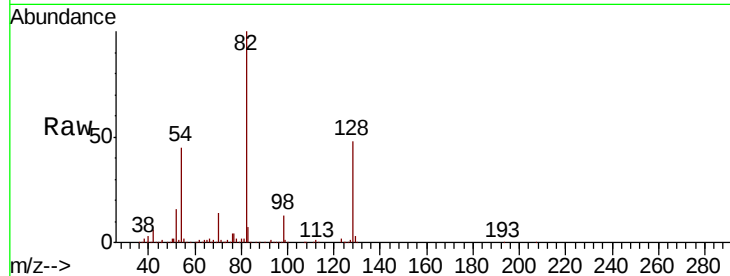
#23
Nitrobenzene-d5
Concen: 78.111 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1634143
Ion Ratio Lower Upper
82 100
128 48.5 38.2 57.2
54 45.1 36.1 54.1

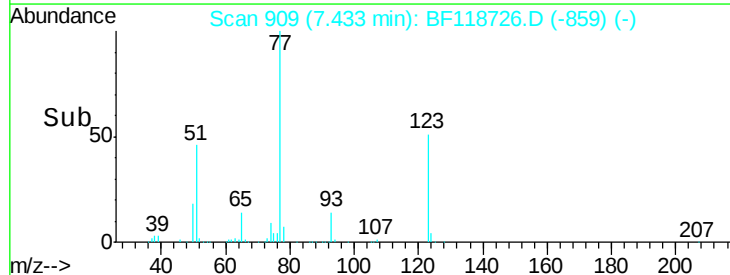
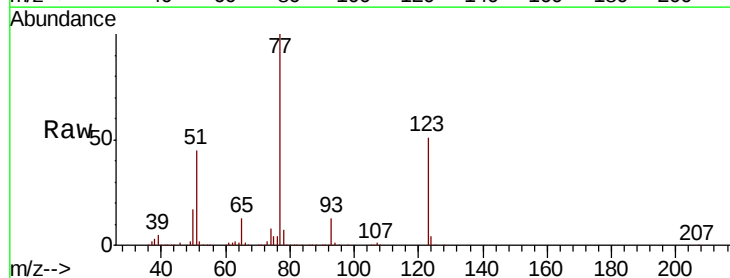
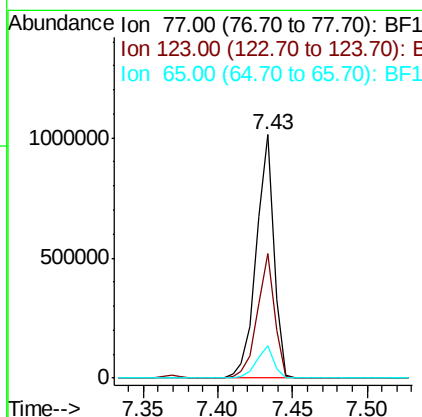
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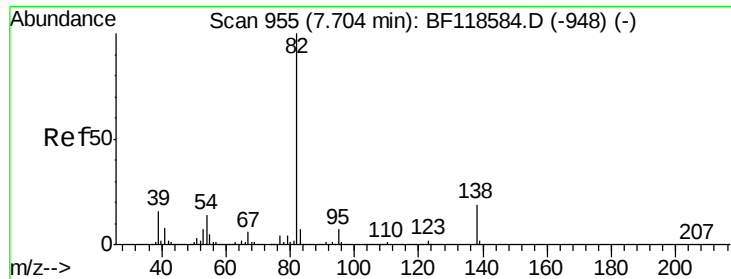
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#24
Nitrobenzene
Concen: 38.194 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion: 77 Resp: 818171
Ion Ratio Lower Upper
77 100
123 50.9 39.2 58.8
65 13.4 10.6 15.8





#25

Isophorone

Concen: 37.747 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1440386

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

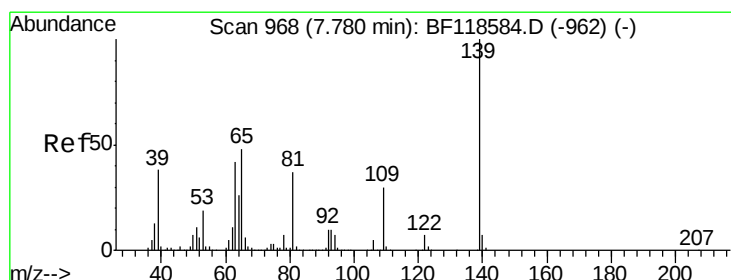
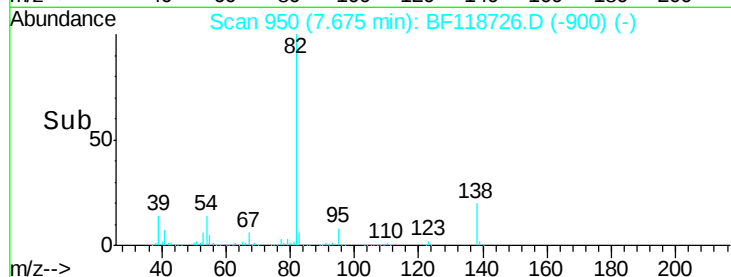
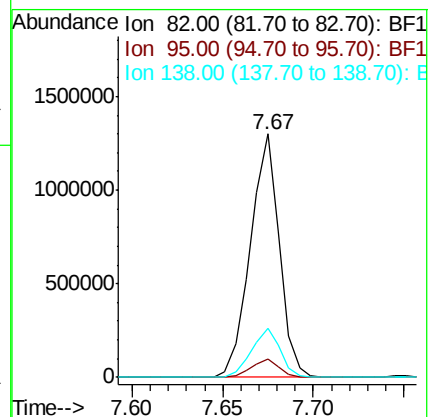
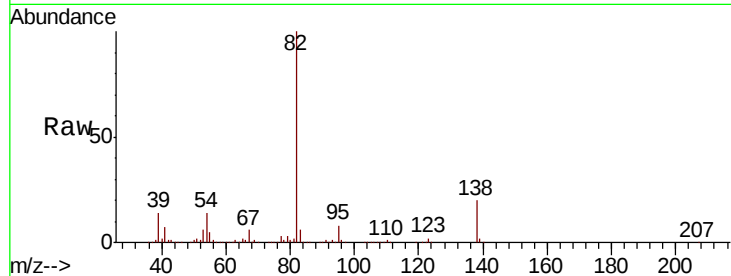
138 20.3 15.8 23.8

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#26

2-Nitrophenol

Concen: 47.572 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

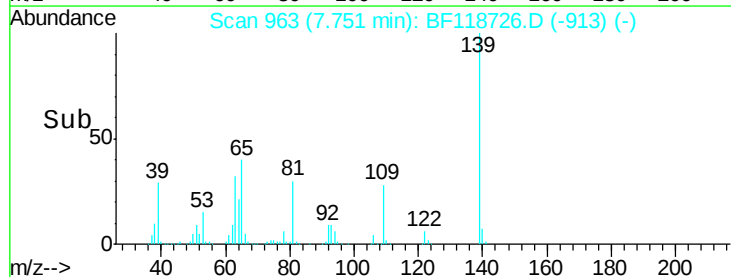
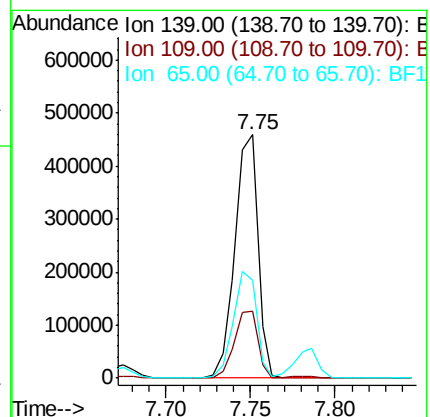
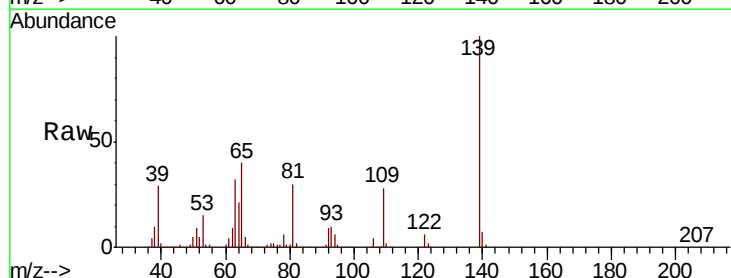
Tgt Ion: 139 Resp: 434573

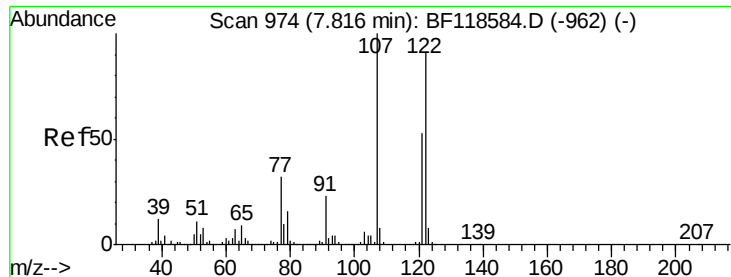
Ion Ratio Lower Upper

139 100

109 27.5 23.1 34.7

65 40.3 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 37.164 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

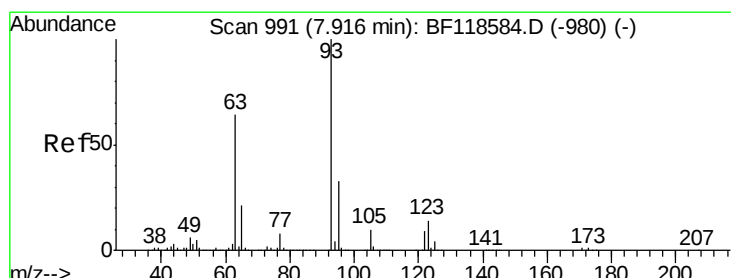
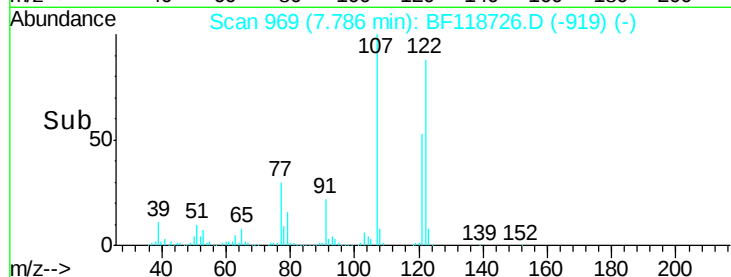
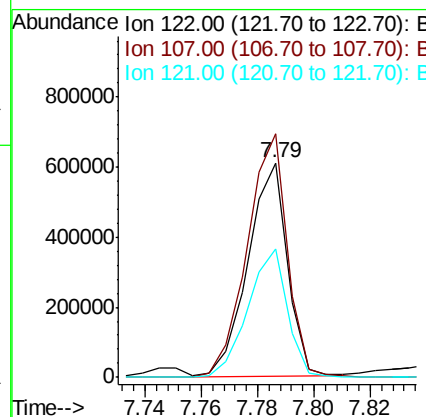
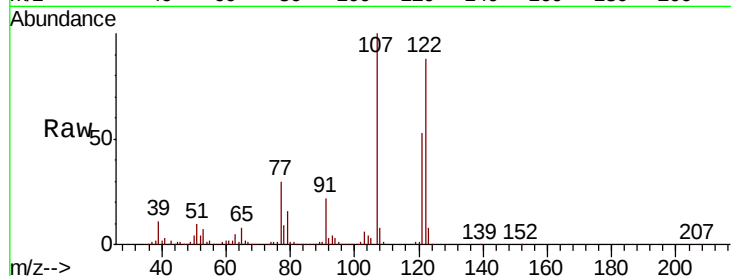
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	586236
Ion Ratio	Lower	Upper	
122	100		
107	113.5	91.8	137.8
121	60.2	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 38.394 ng

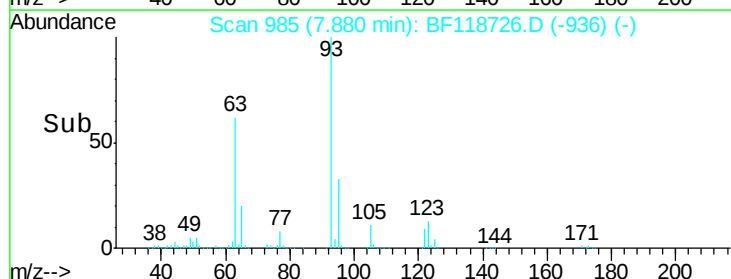
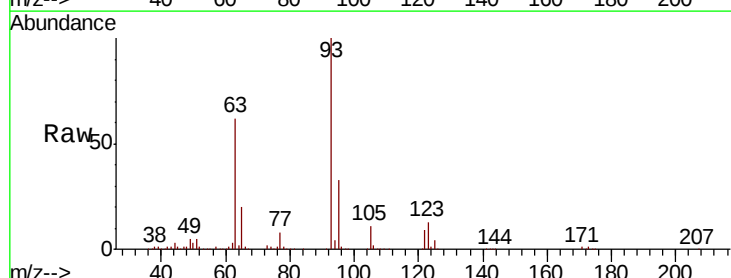
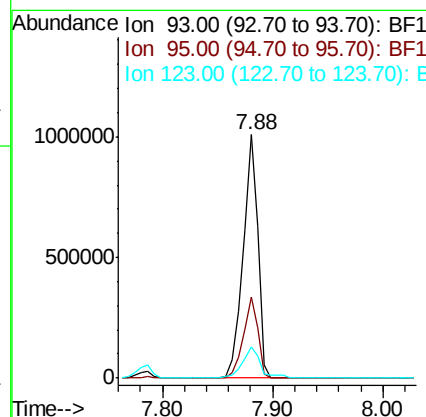
RT: 7.88 min Scan# 985

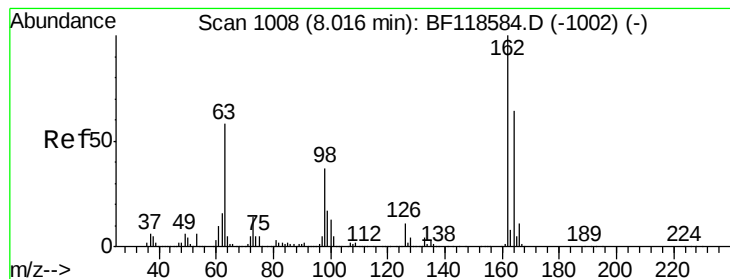
Delta R.T. -0.01 min

Lab File: BF118726.D

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Tgt Ion:	93	Resp:	944002
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.8	40.2
123	12.8	10.7	16.1





#29

2,4-Dichlorophenol

Concen: 41.058 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

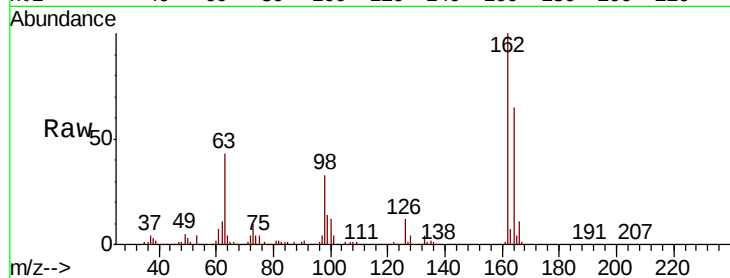
ClientSampleId :

SSTDCCC040

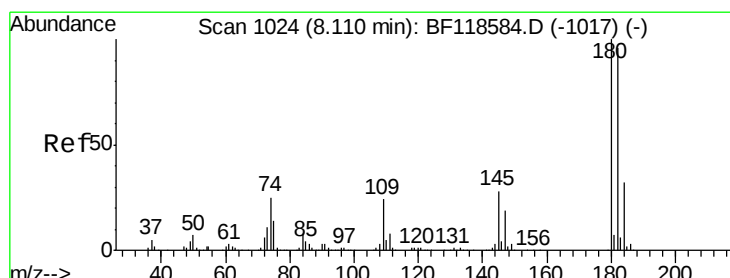
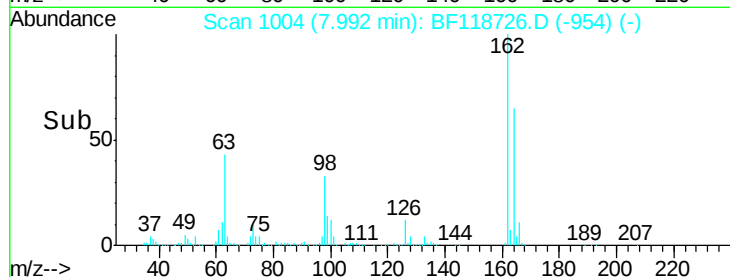
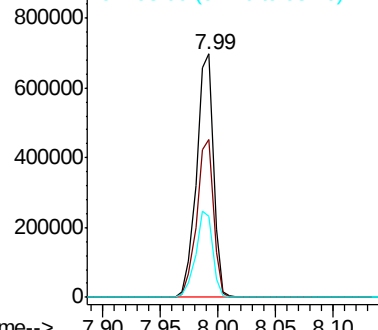
Tot Ion:	162	Resp:	715973
Ion Ratio	Lower	Upper	
162	100		
164	64.9	43.8	83.8
98	33.1	15.0	55.0

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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: 40.941 ng

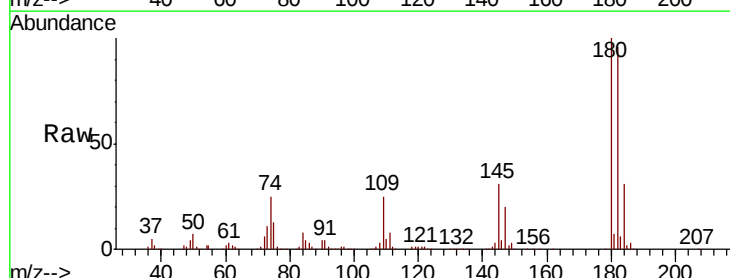
RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

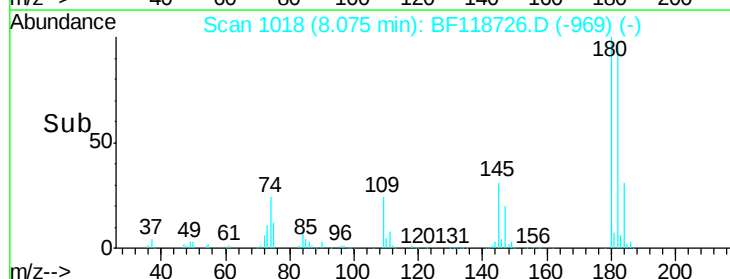
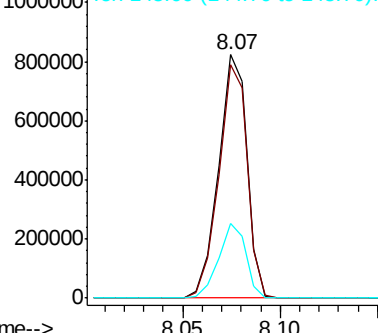
Lab File: BF118726.D

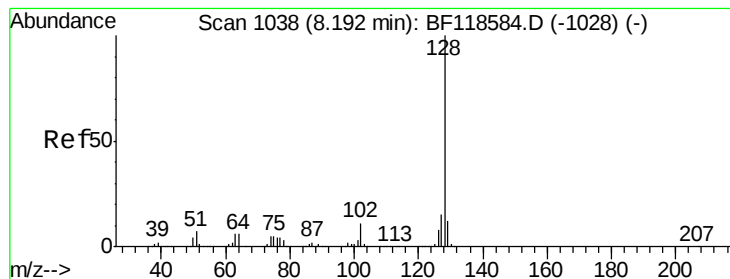
Acq: 29 Jan 2020 12:46

Tgt Ion:	180	Resp:	827781
Ion Ratio	Lower	Upper	
180	100		
182	96.0	77.0	115.4
145	30.6	23.5	35.3



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: 42.223 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2231981

Ion Ratio Lower Upper

128 100

129 12.1 9.4 14.0

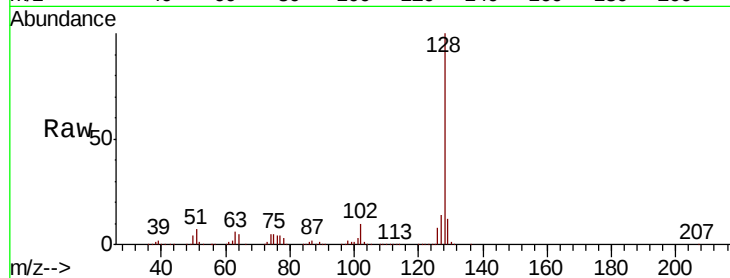
127 14.3 11.3 16.9

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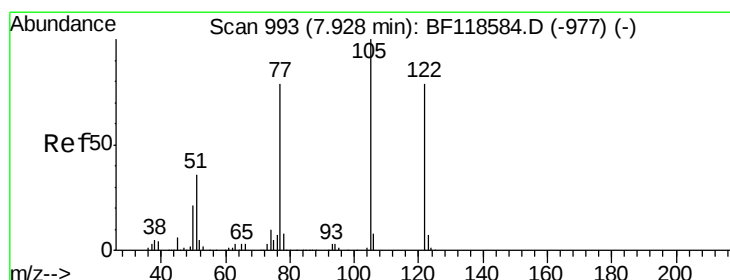
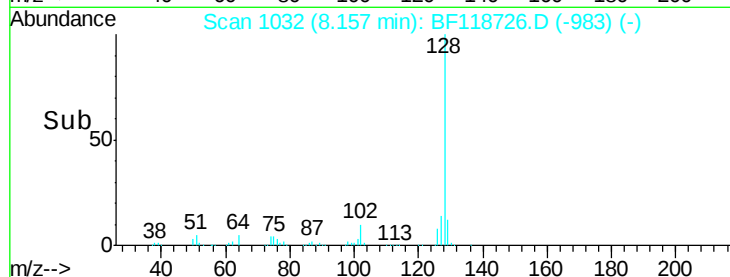
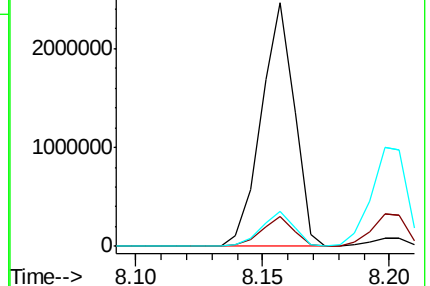
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.574 ng m

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

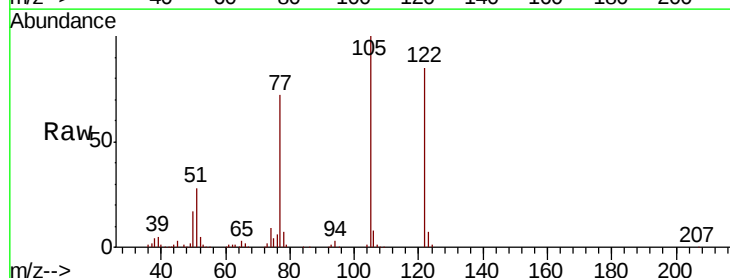
Tgt Ion:122 Resp: 468511

Ion Ratio Lower Upper

122 100

105 117.3 100.9 140.9

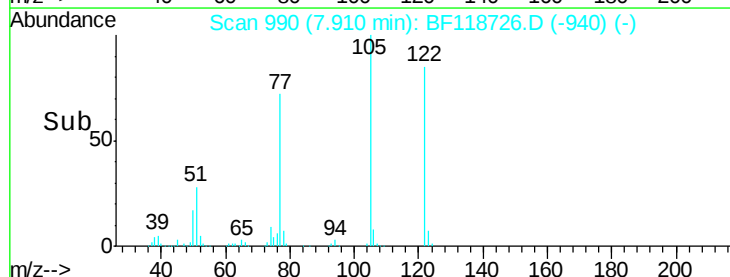
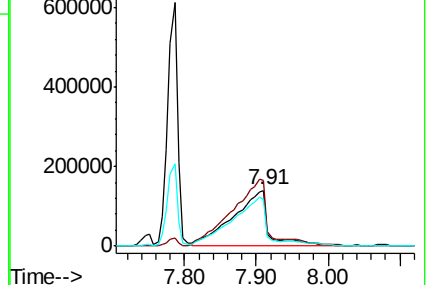
77 84.2 65.1 105.1

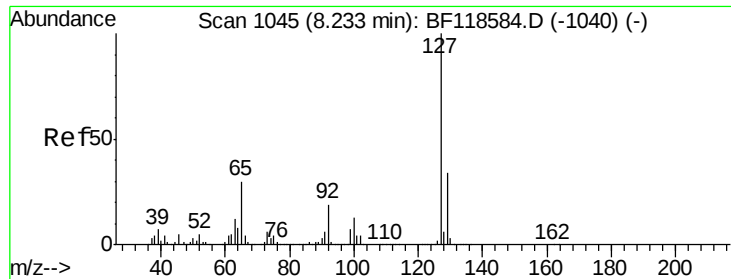


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





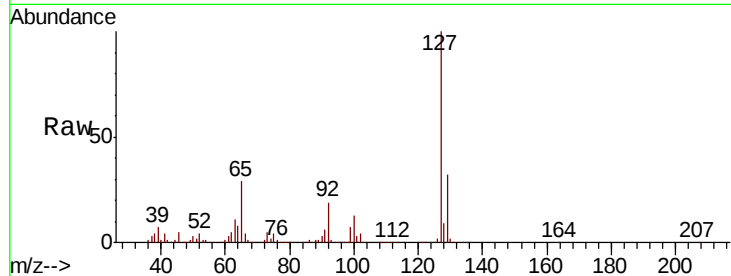
#33
4-Chloroaniline
Concen: 40.807 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

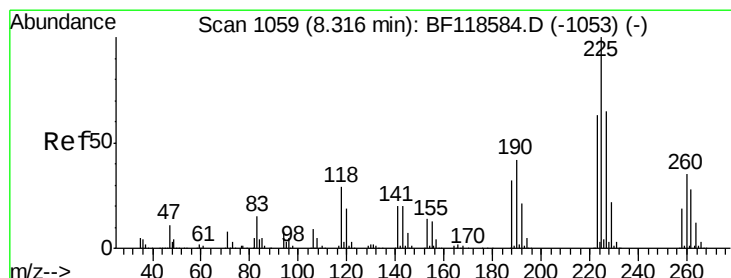
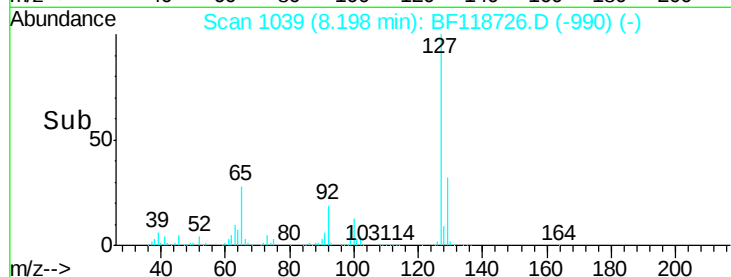
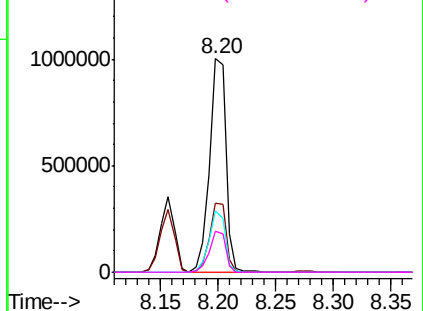
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.4	39.6		
65	28.9	22.6	33.8		
92	19.5	15.3	22.9		

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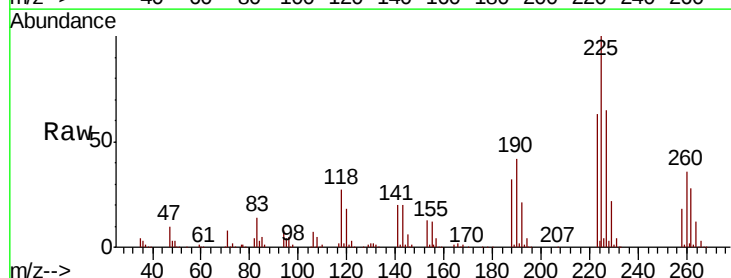


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

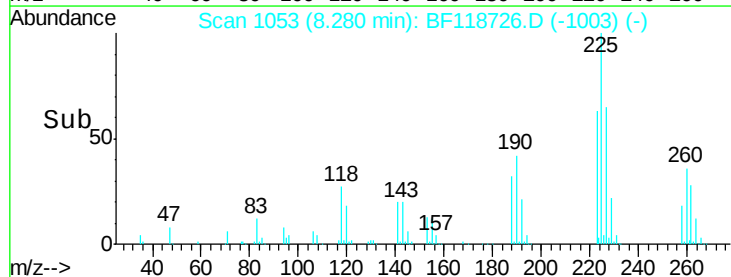
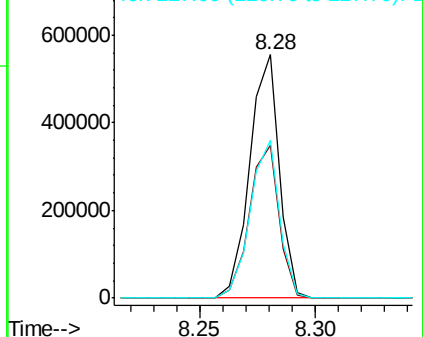


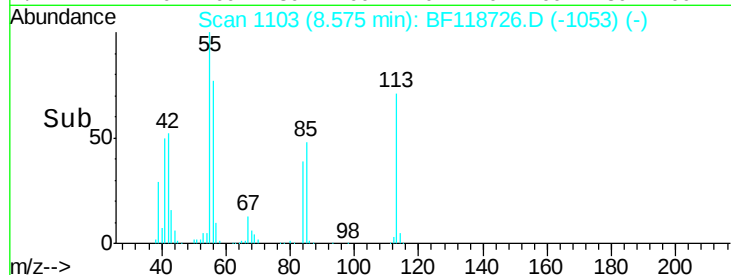
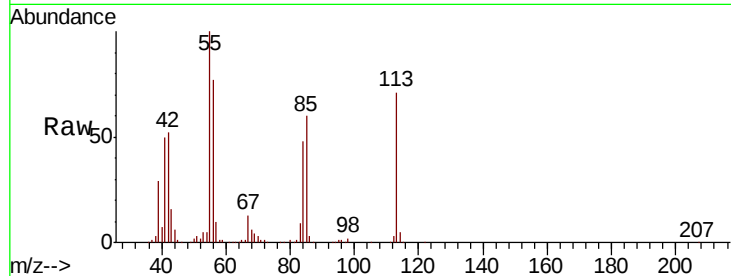
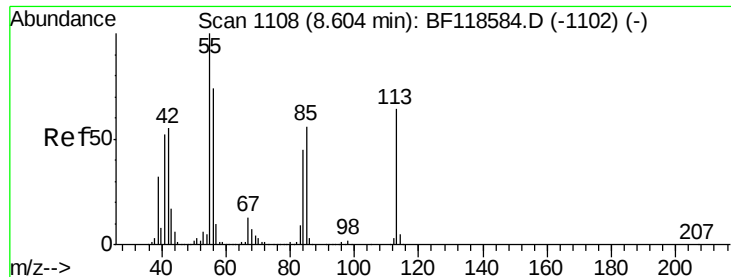
#34
Hexachlorobutadiene
Concen: 40.444 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	50.3	75.5		
227	65.1	50.5	75.7		



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





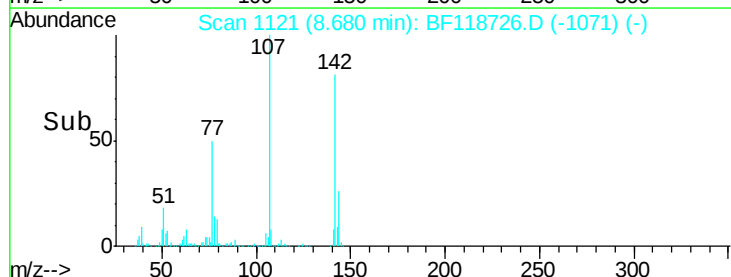
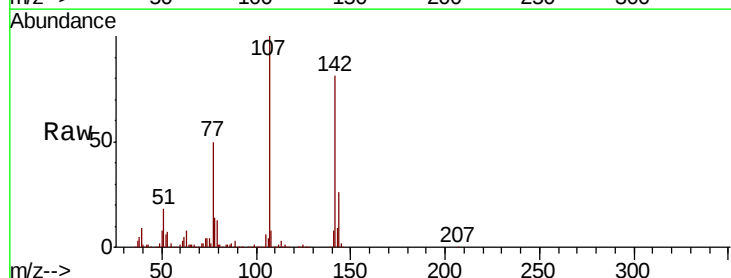
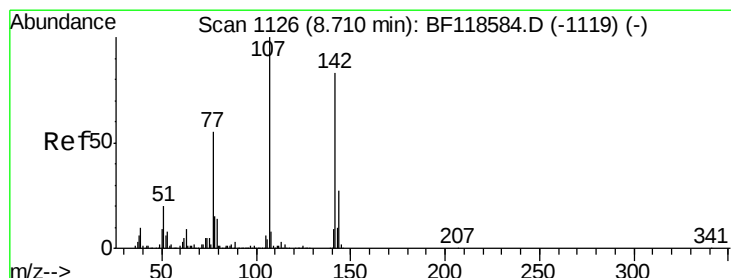
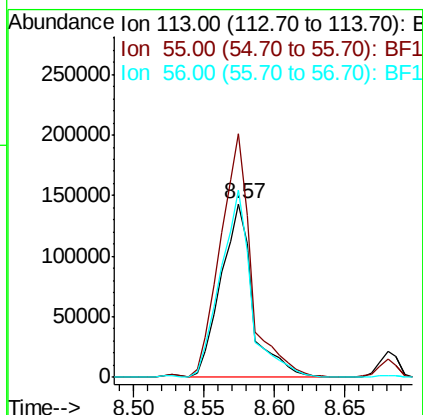
#35
Caprolactam
Concen: 39.306 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tot Ion	Ratio	Lower	Upper
113	100		
55	140.4	119.0	159.0
56	107.9	85.4	125.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

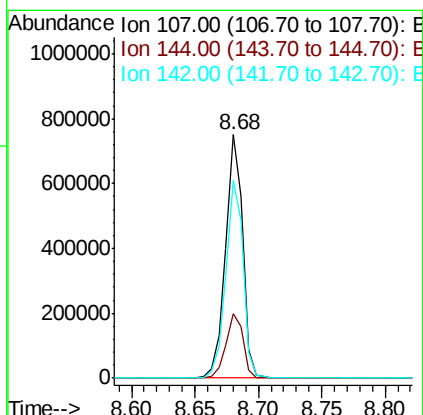
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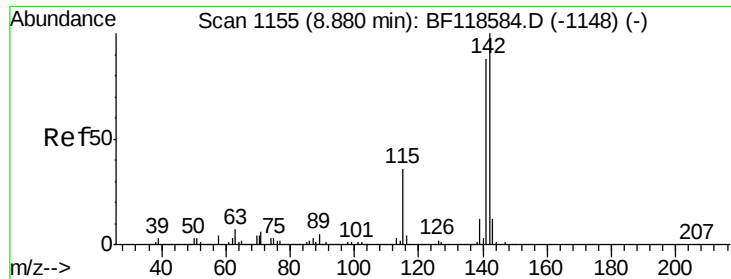
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#36
4-Chloro-3-methylphenol
Concen: 40.868 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.9	31.3
142	81.0	64.5	96.7





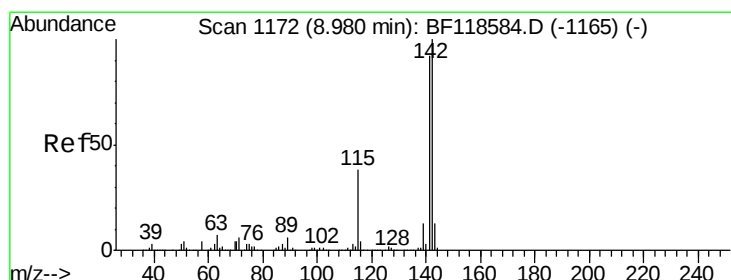
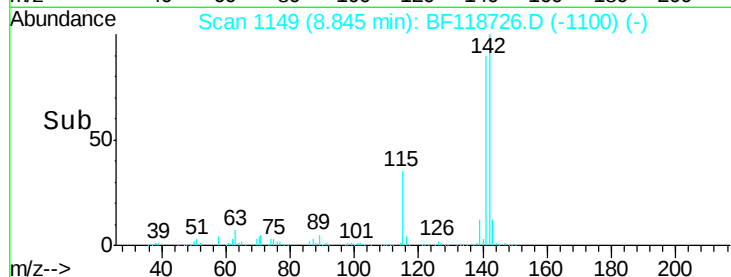
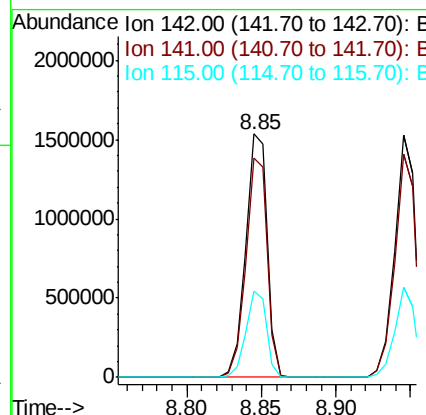
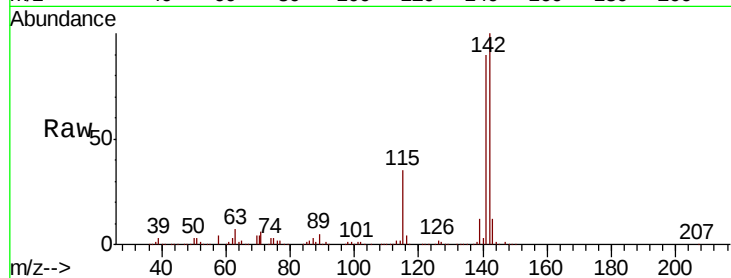
#37
2-Methylnaphthalene
Concen: 41.077 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.4	107.0
115	35.3	27.5	41.3

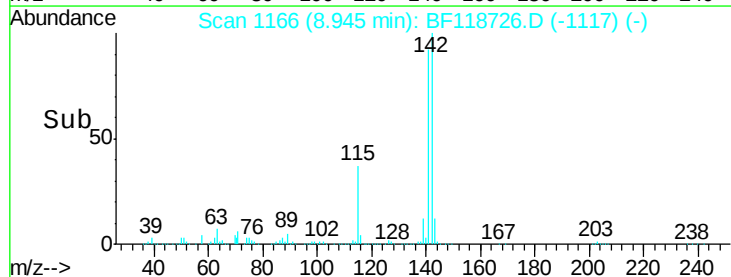
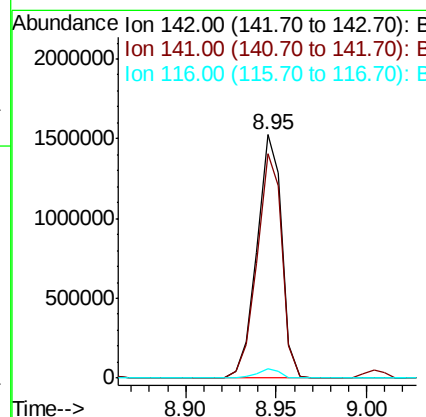
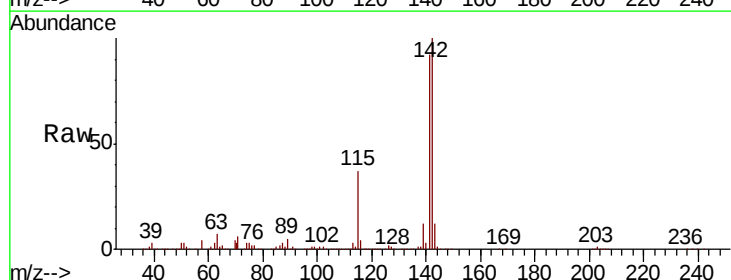
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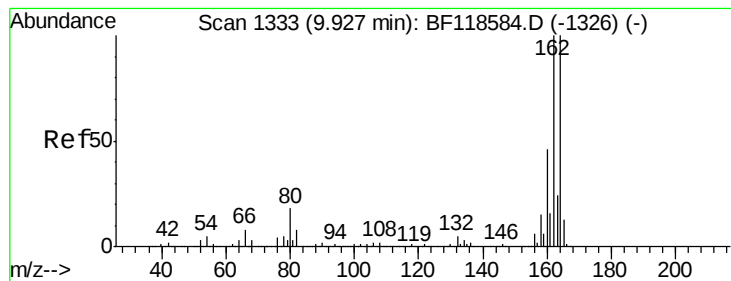
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#38
1-Methylnaphthalene
Concen: 40.788 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.5	110.3
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

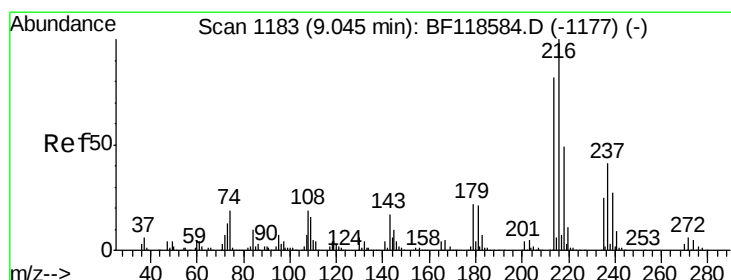
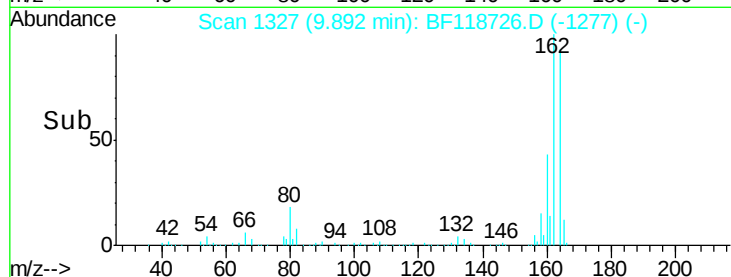
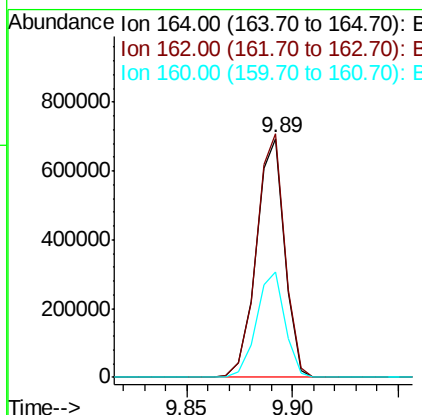
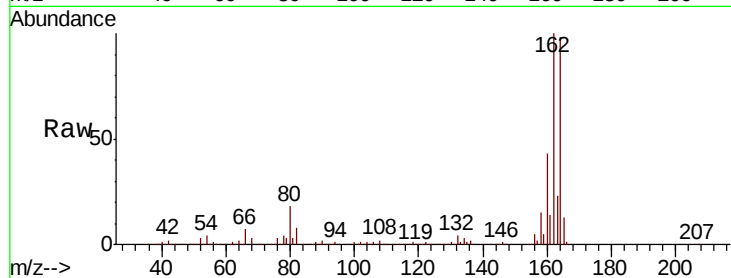
ClientSampleId :

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Tot Ion:	164	Resp:	648624
Ion Ratio	Lower	Upper	
164	100		
162	102.0	80.8	121.2
160	44.3	35.4	53.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.572 ng

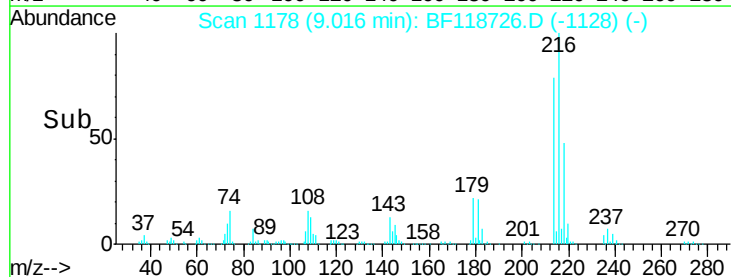
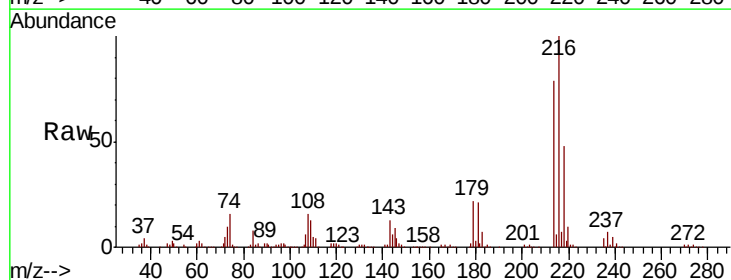
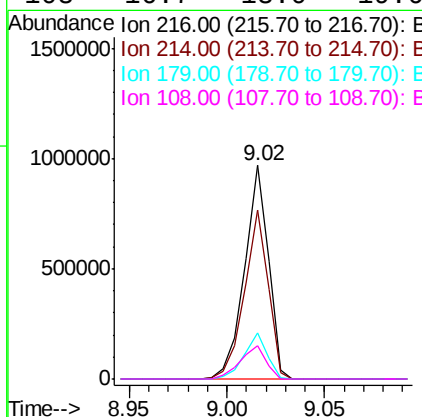
RT: 9.02 min Scan# 1178

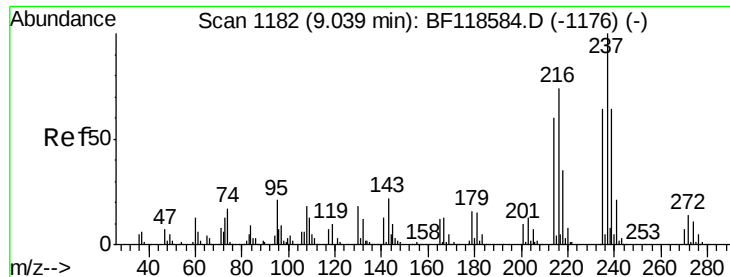
Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Tgt Ion:	216	Resp:	823415
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.4	95.2
179	20.9	17.0	25.4
108	16.7	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 38.372 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

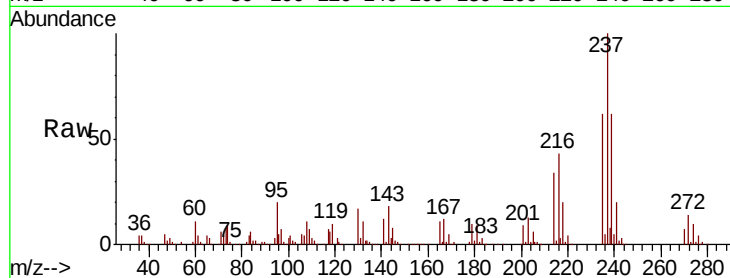
ClientSampleId :

SSTDCCC040

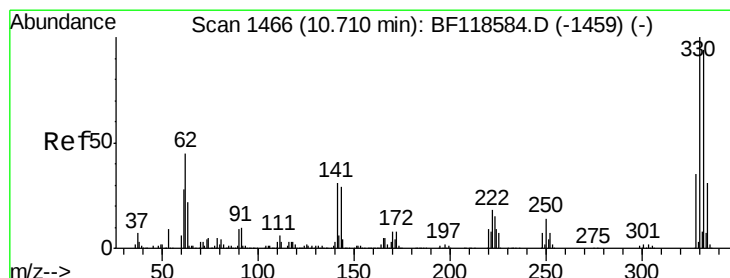
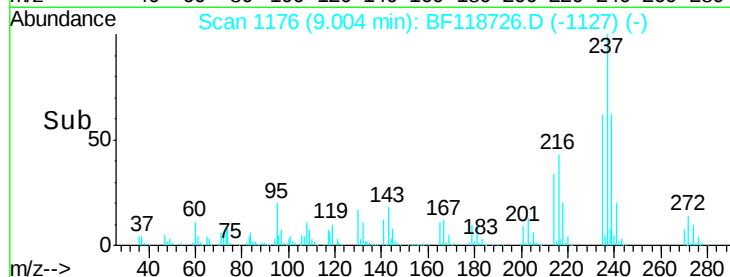
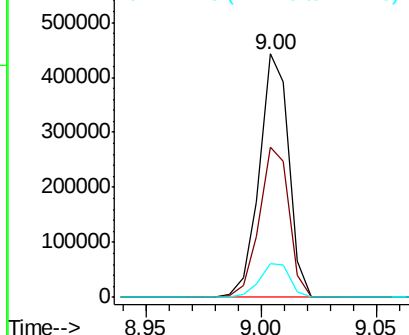
Tot Ion:	237	Resp:	392912
Ion Ratio	Lower	Upper	
237	100		
235	61.9	42.7	82.7
272	13.8	0.0	34.4

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



#42

2,4,6-Tribromophenol

Concen: 86.145 ng

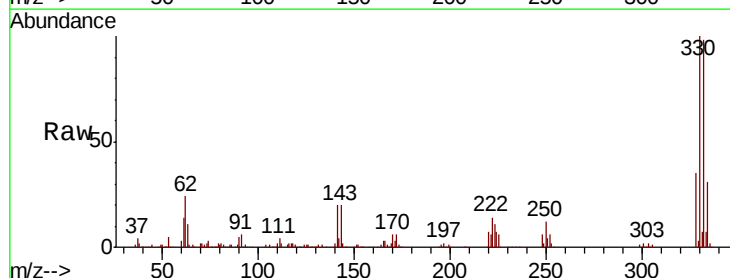
RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

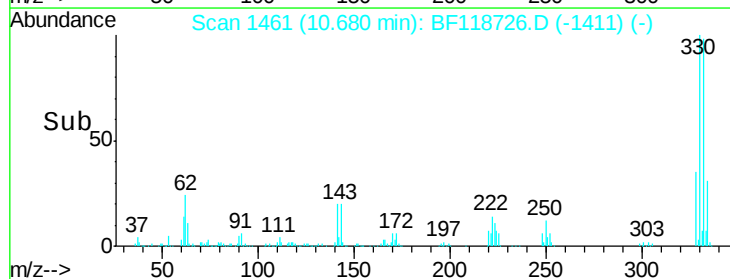
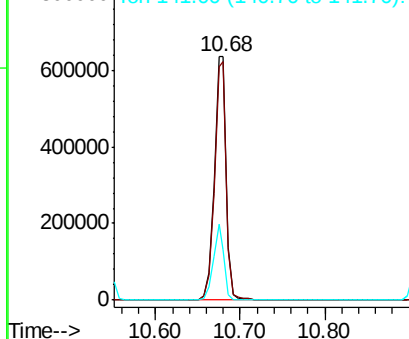
Lab File: BF118726.D

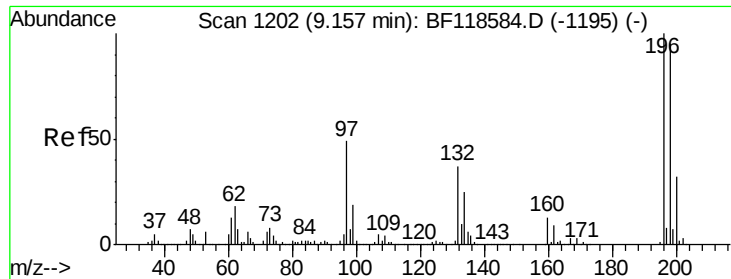
Acq: 29 Jan 2020 12:46

Tgt Ion:	330	Resp:	646272
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.6	116.4
141	27.5	22.2	33.2



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





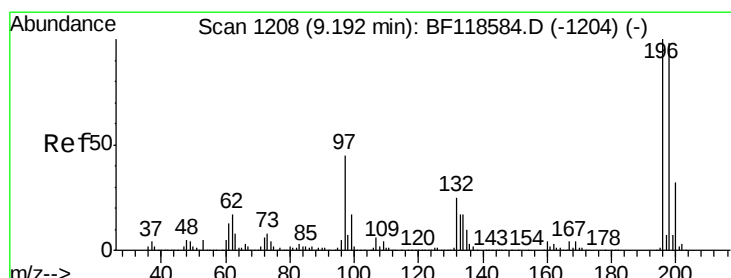
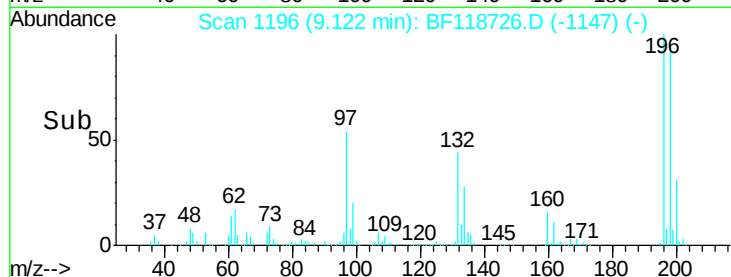
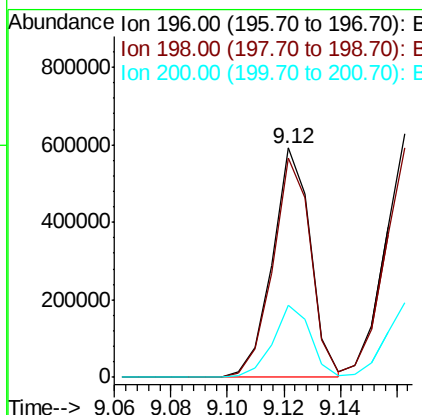
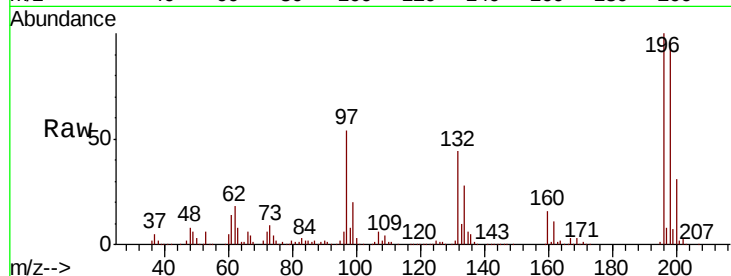
#43
 2,4,6-Trichlorophenol
 Concen: 40.873 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	550453		
198	95.8	76.4	114.6	
200	31.5	25.4	38.2	

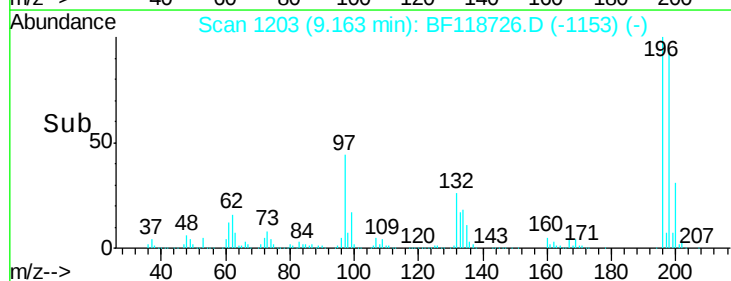
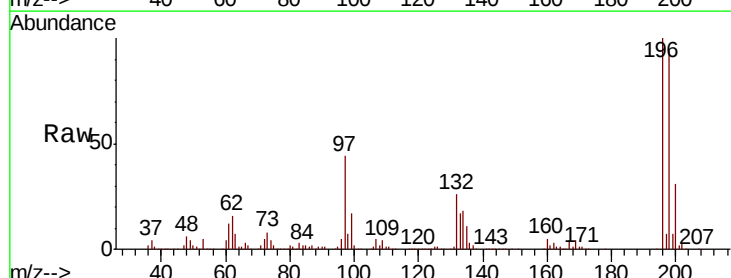
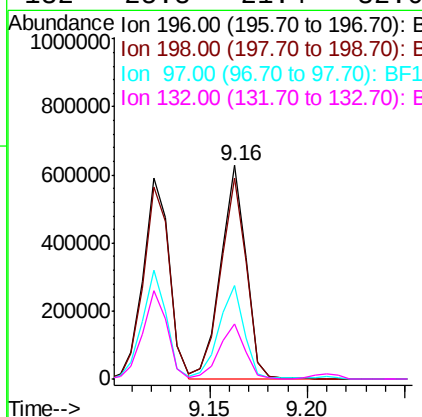
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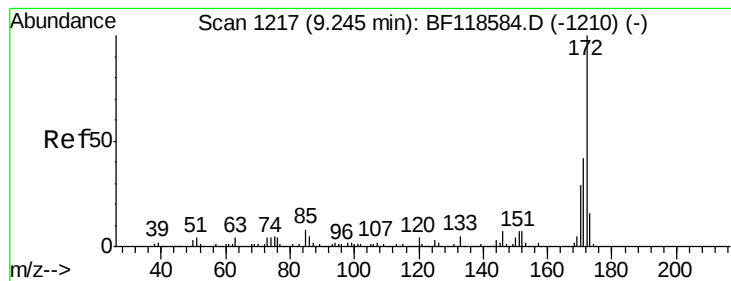
mohammad
 1/30/2020 10:18:07 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.021 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	564212		
198	94.1	76.2	114.4	
97	43.6	35.7	53.5	
132	25.8	21.4	32.0	





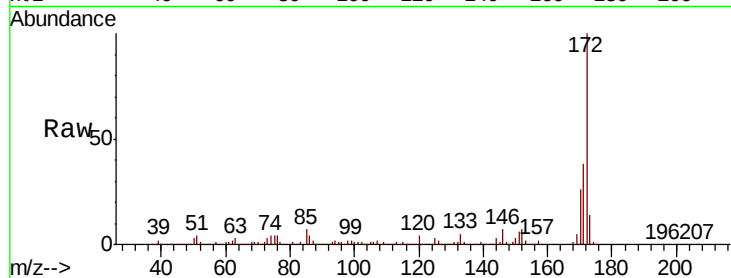
#45
2-Fluorobiphenyl
Concen: 77.618 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.7	20.7	31.1

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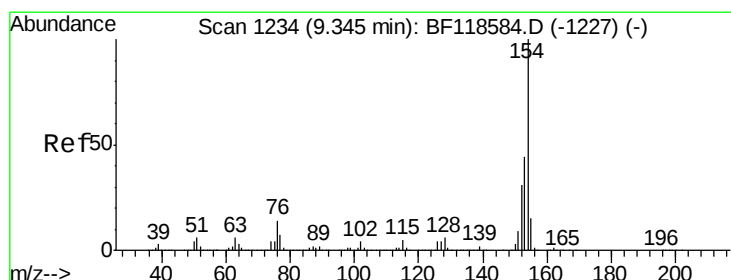
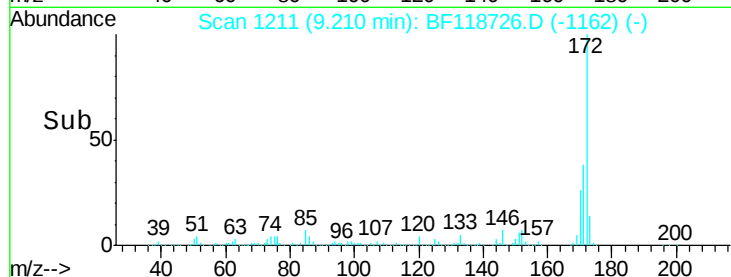
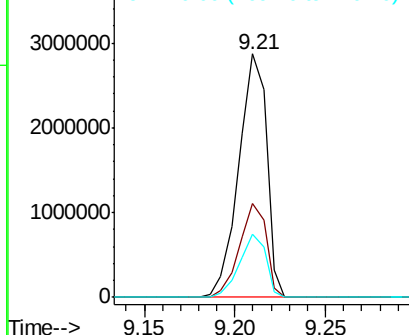


Abundance

Ion 172.00 (171.70 to 172.70): E

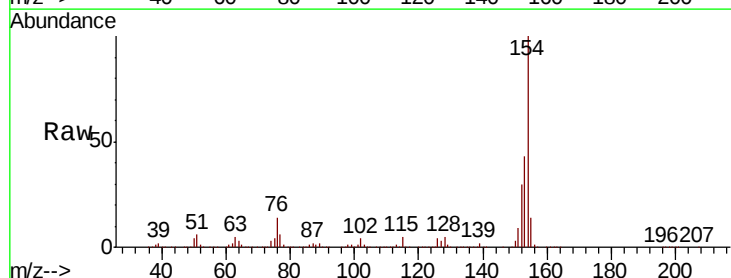
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.049 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.3	62.3
76	13.6	0.0	32.0

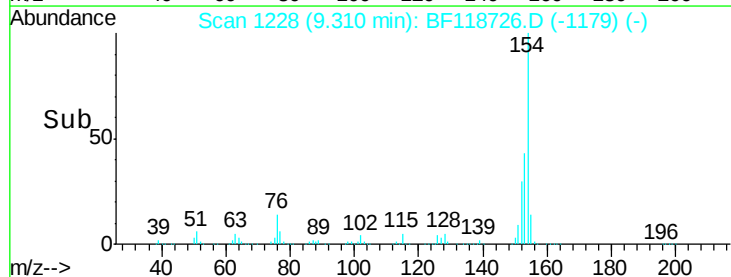
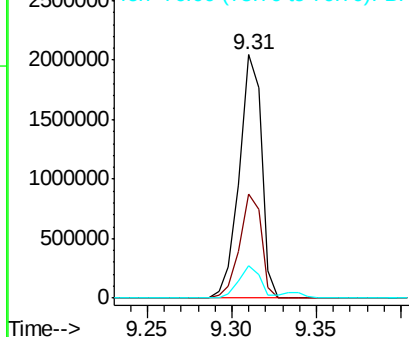


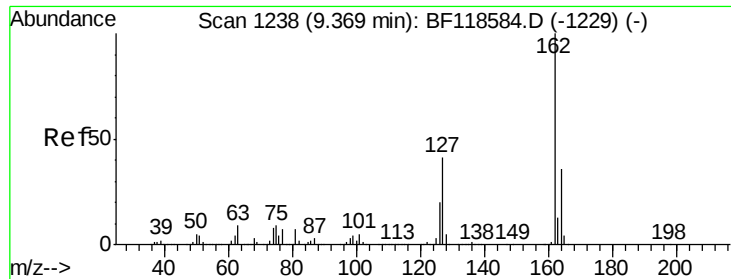
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





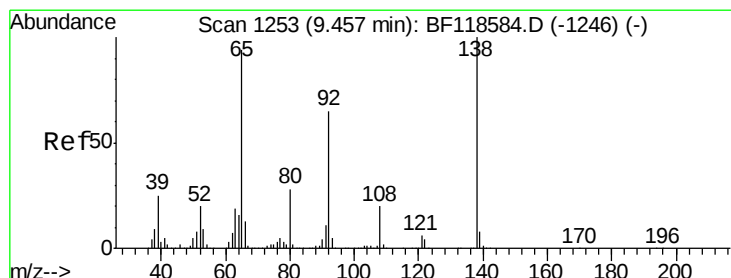
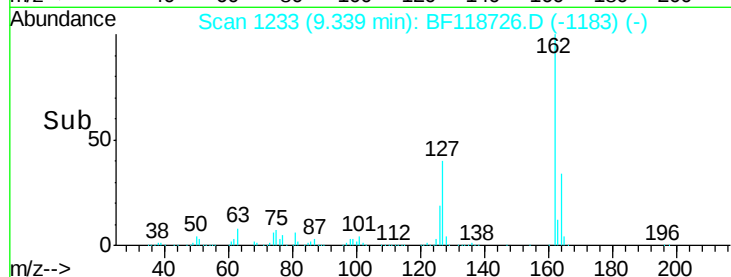
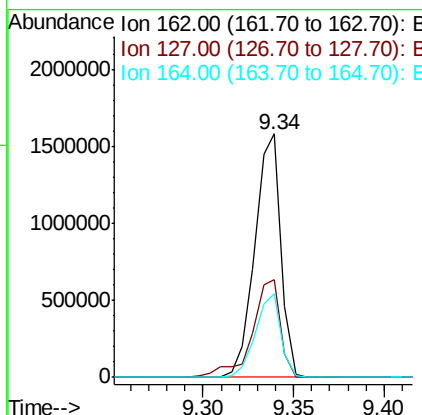
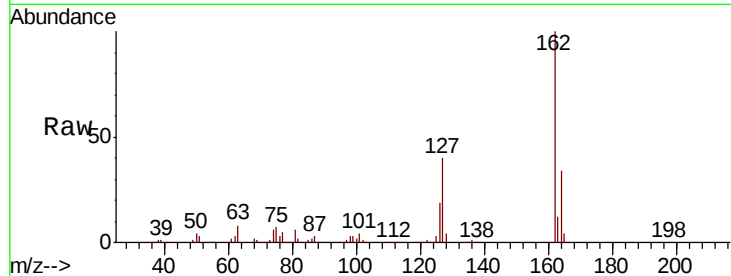
#47
 2-Chloronaphthalene
 Concen: 41.762 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.9	49.3
164	34.4	27.5	41.3

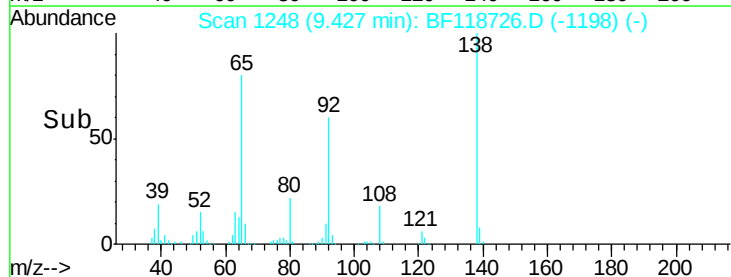
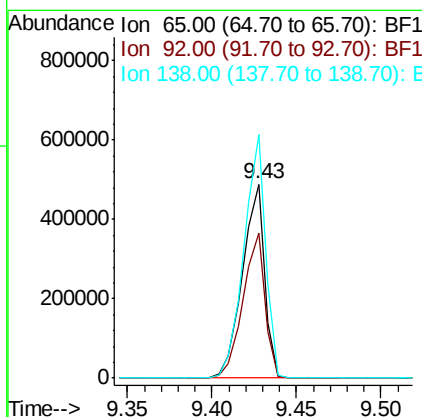
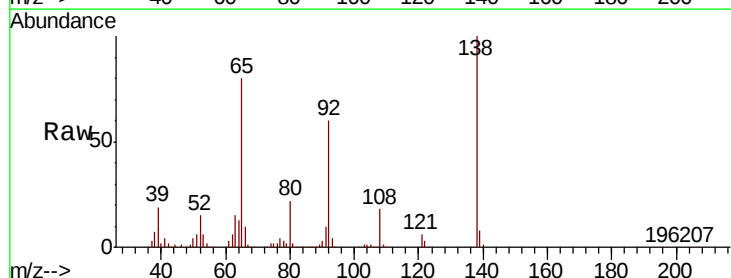
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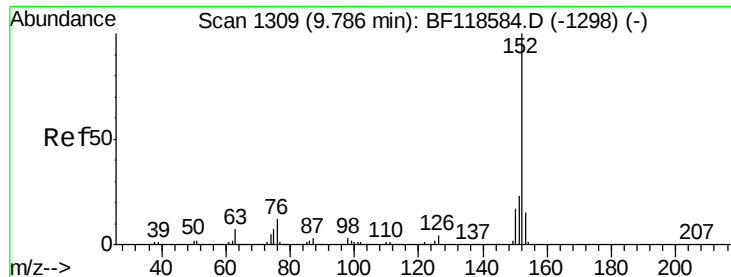
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#48
 2-Nitroaniline
 Concen: 38.826 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	57.8	86.6
138	125.5	95.1	142.7





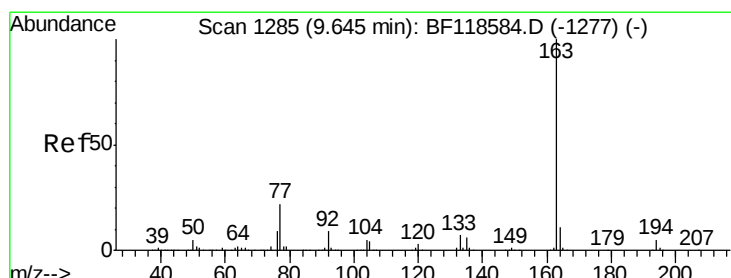
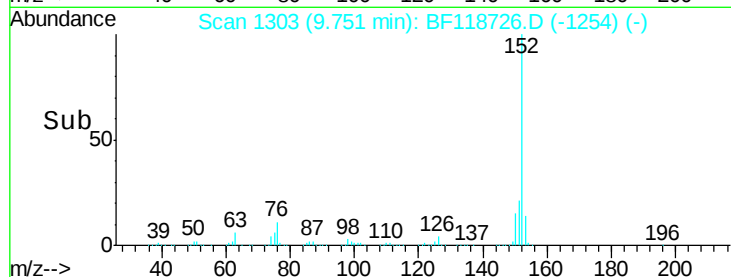
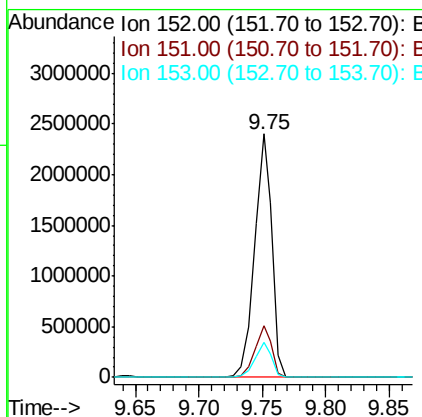
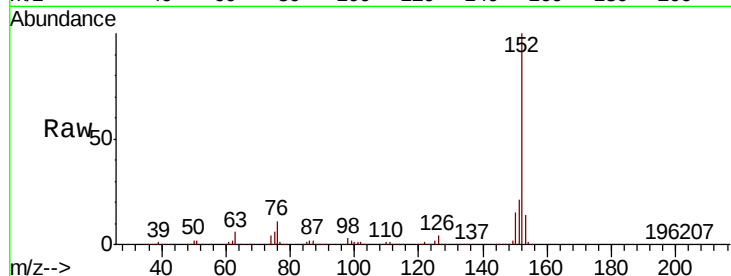
#49
Acenaphthylene
Concen: 43.319 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7
153	14.4	11.0	16.4

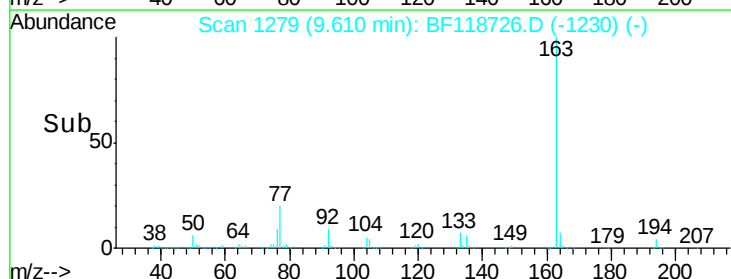
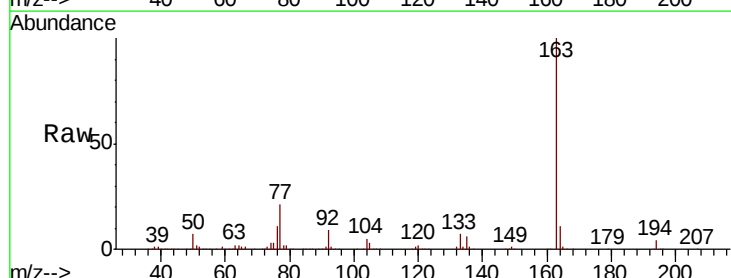
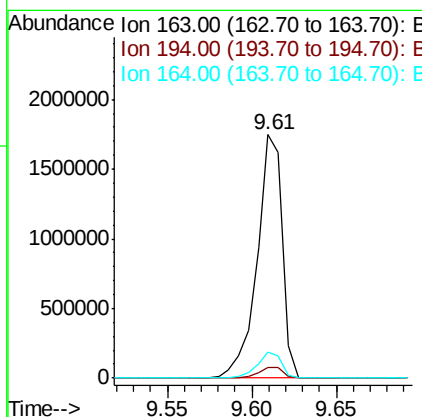
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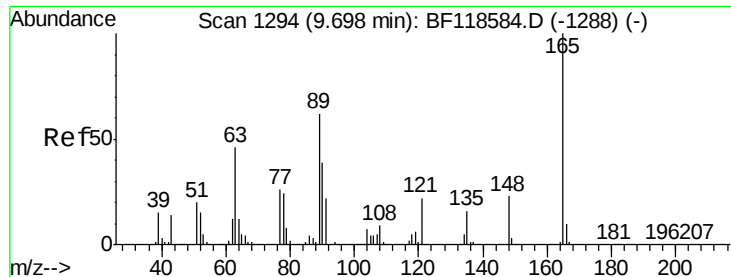
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#50
Dimethylphthalate
Concen: 42.738 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	10.7	8.2	12.2





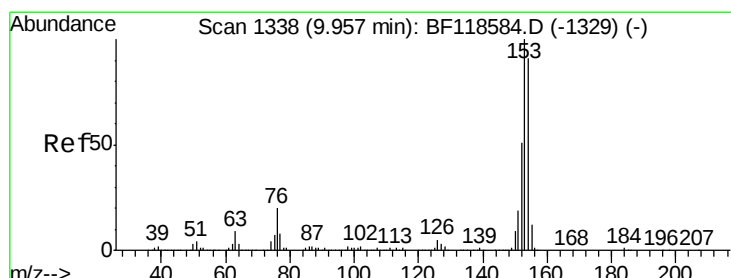
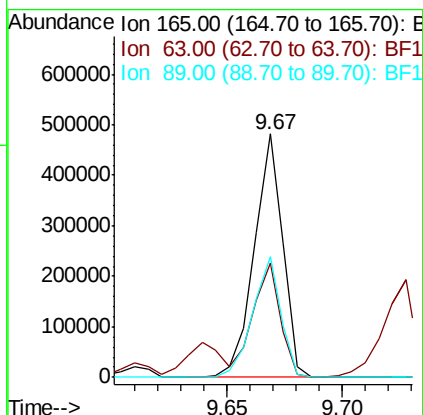
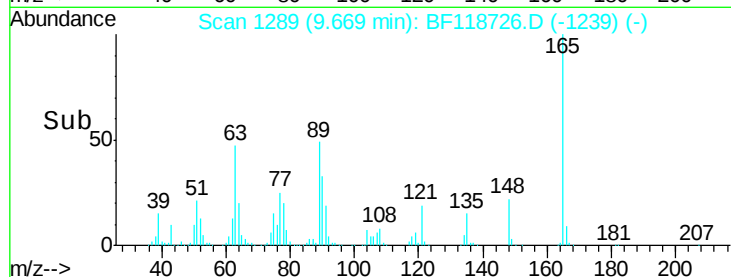
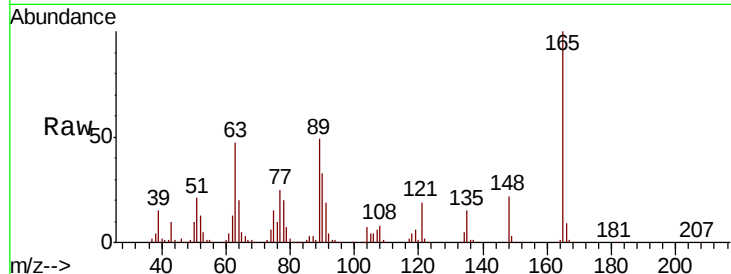
#51
 2,6-Dinitrotoluene
 Concen: 43.924 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.0	39.8	59.6
89	49.5	41.4	62.2

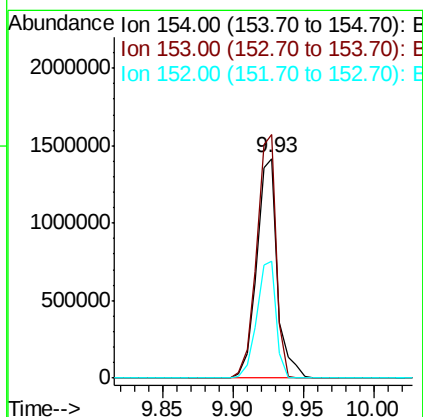
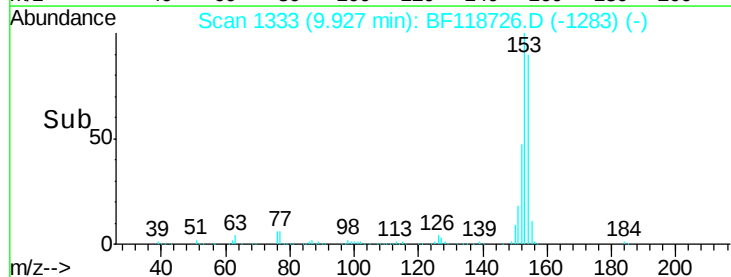
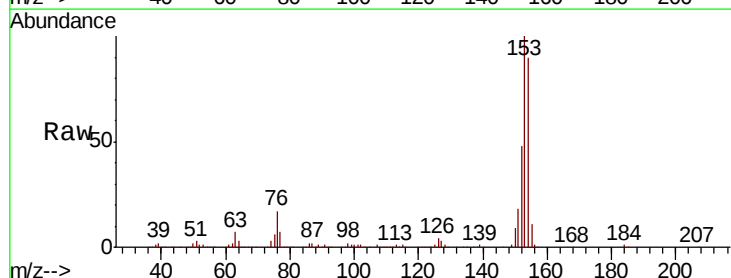
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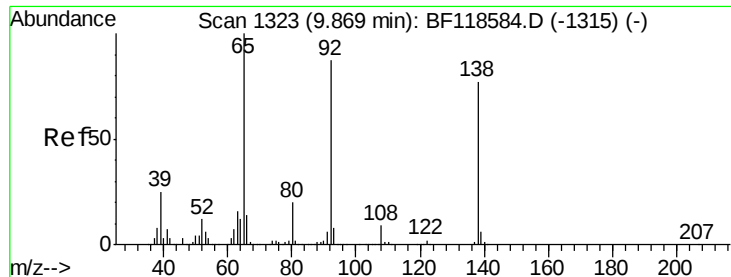
mohammad
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#52
 Acenaphthene
 Concen: 41.715 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	89.1	133.7
152	53.1	43.0	64.6





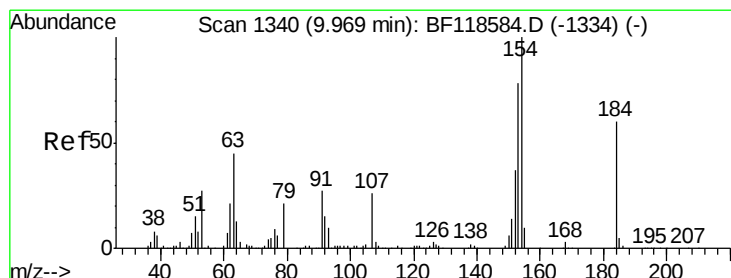
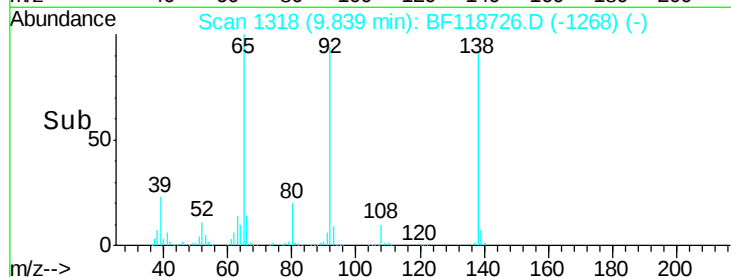
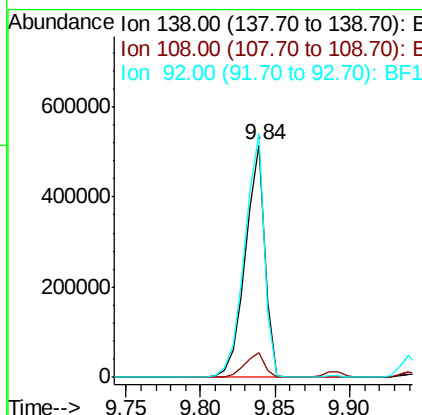
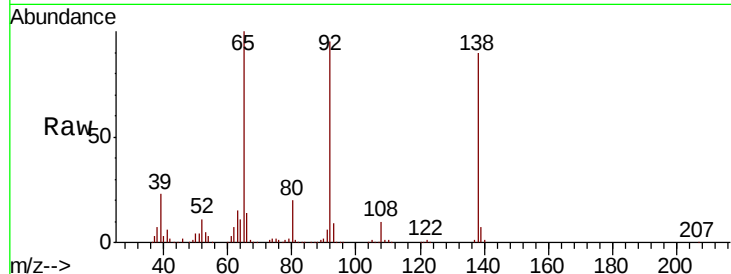
#53
3-Nitroaniline
Concen: 43.205 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.8	13.2
92	104.6	87.8	131.6

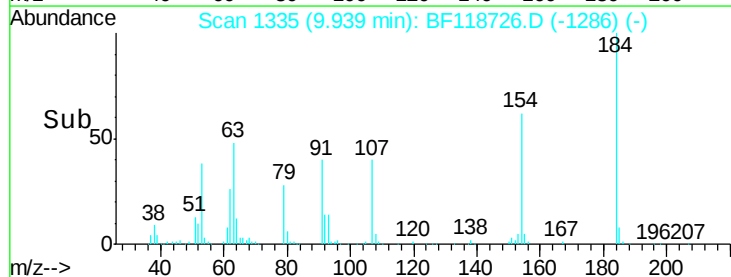
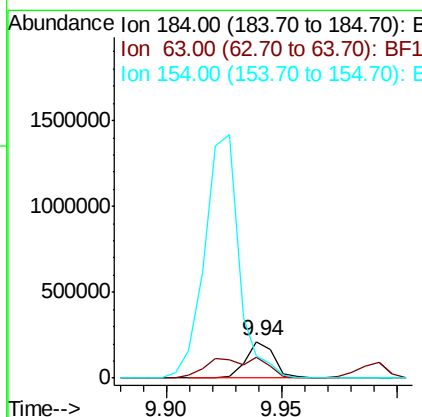
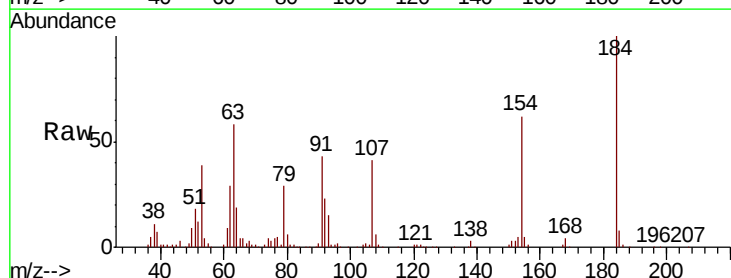
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#54
2,4-Dinitrophenol
Concen: 48.702 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.9	36.0	54.0#
154	62.4	44.6	66.8





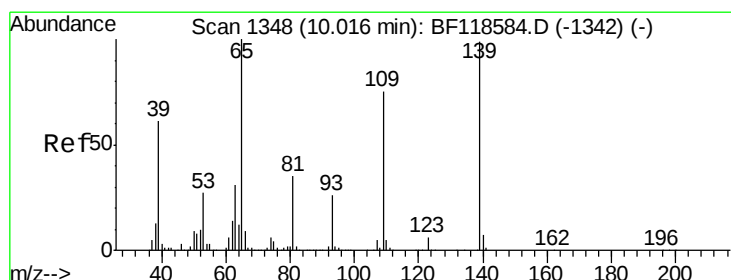
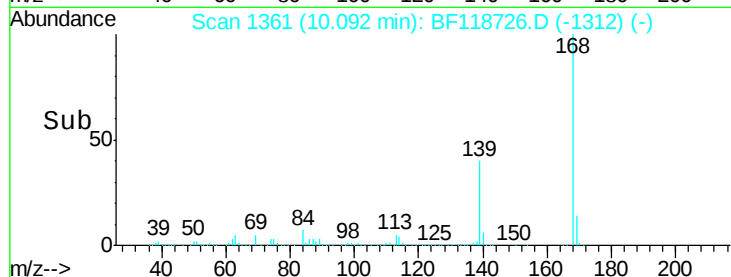
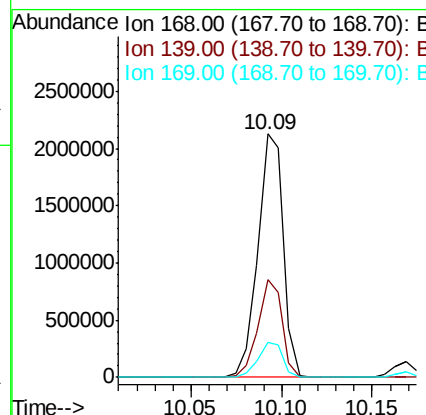
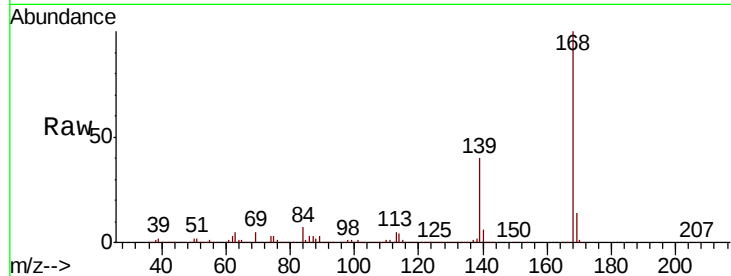
#55
Dibenzofuran
Concen: 42.022 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.6	47.4
169	14.4	11.4	17.0

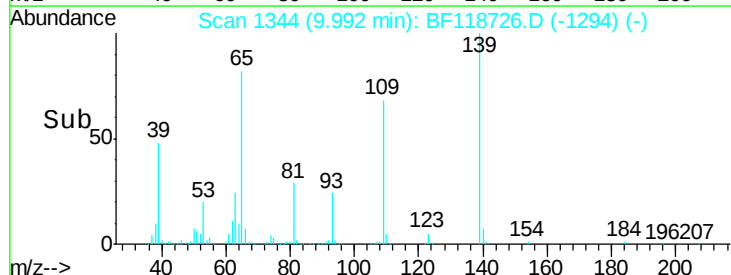
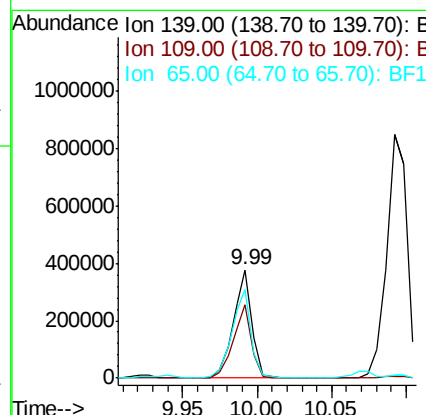
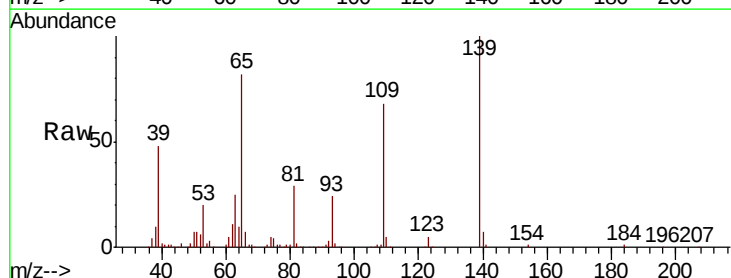
Manual Integrations
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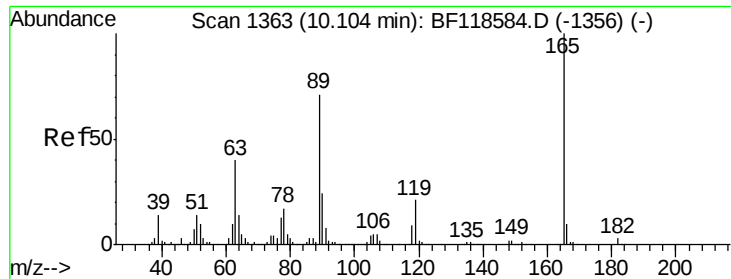
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#56
4-Nitrophenol
Concen: 41.137 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.5	47.0	87.0
65	82.3	65.7	105.7





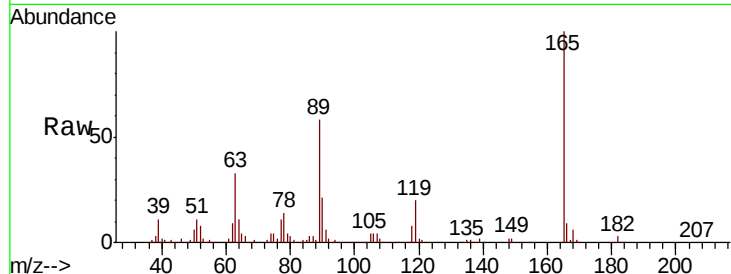
#57
2,4-Dinitrotoluene
Concen: 46.454 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

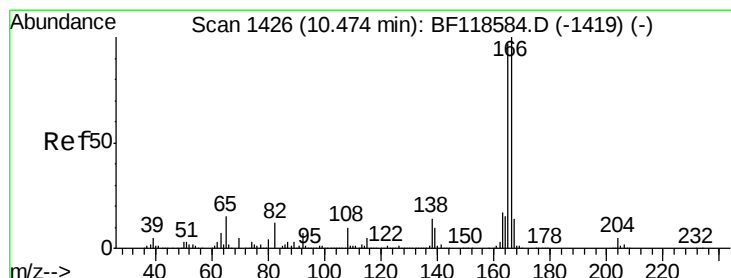
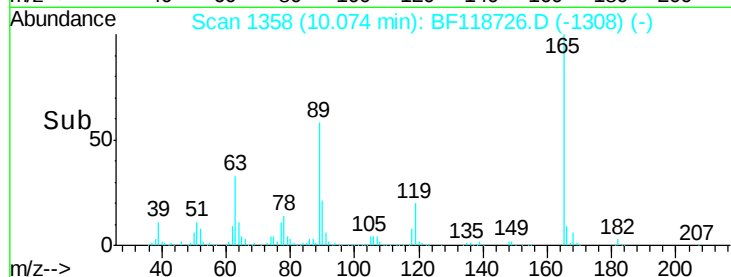
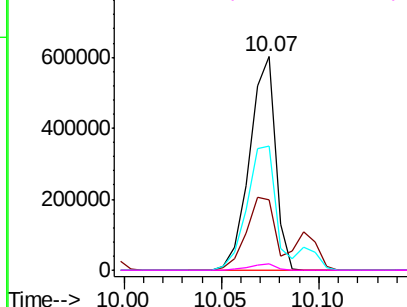
Tot Ion	Ratio	Lower	Upper
165	100		
63	32.9	28.5	42.7
89	58.0	50.4	75.6
182	3.2	2.3	3.5

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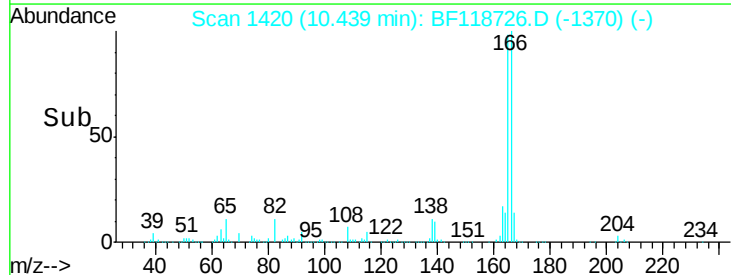
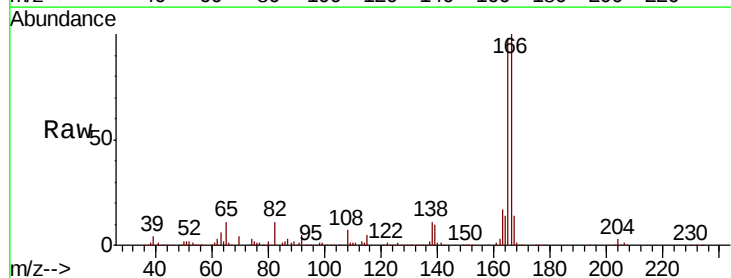
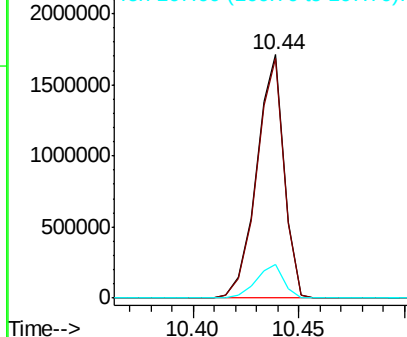
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

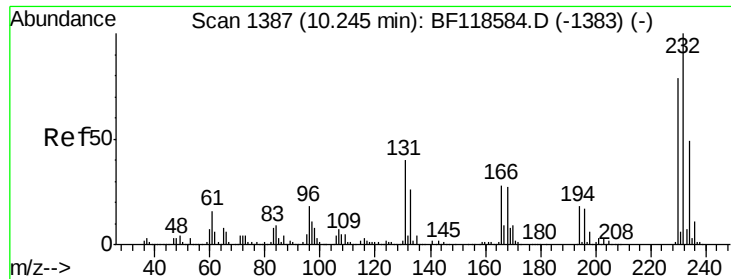


#58
Fluorene
Concen: 40.124 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	118.0
167	13.7	11.4	17.2

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





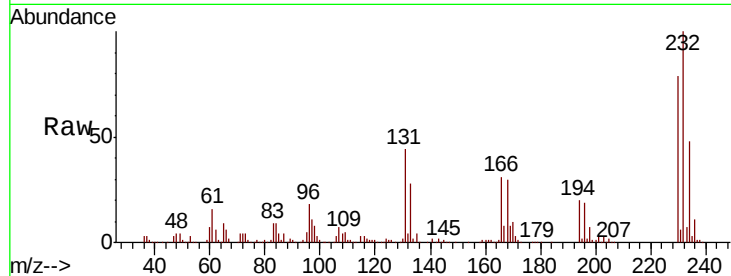
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.239 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	232	Resp:	486799
Ion Ratio	Lower	Upper	
232	100		
131	40.2	31.8	47.6
130	2.0	1.5	2.3
166	29.1	22.8	34.2

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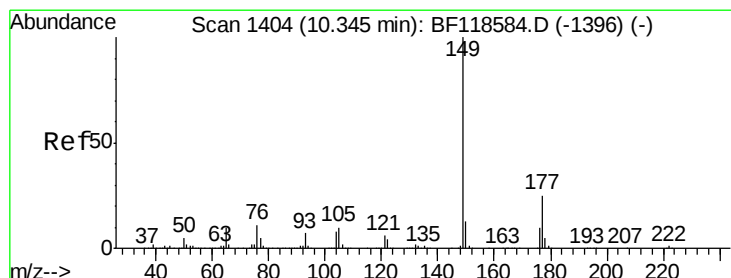
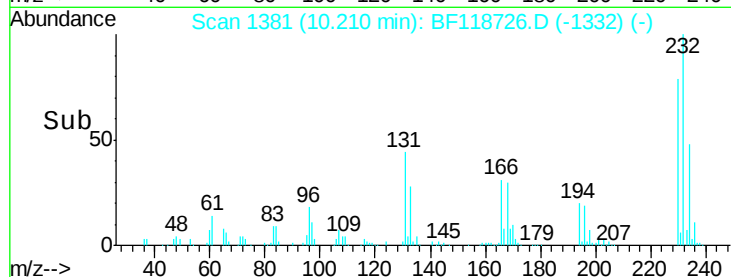
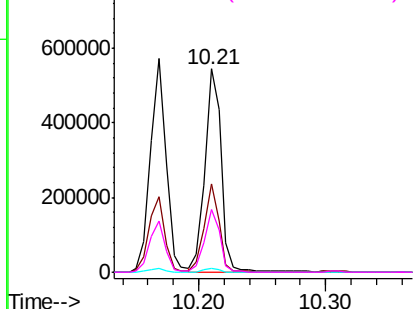
Abundance

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: 41.928 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

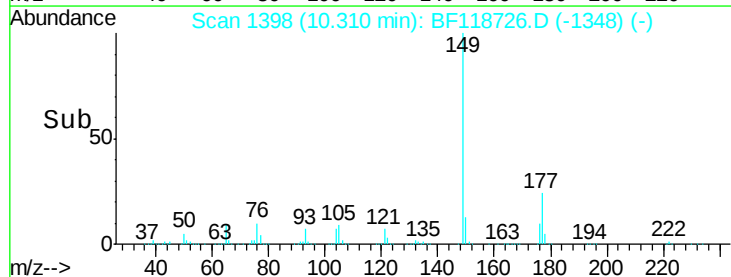
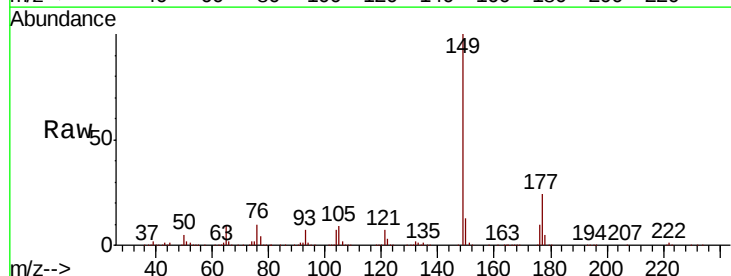
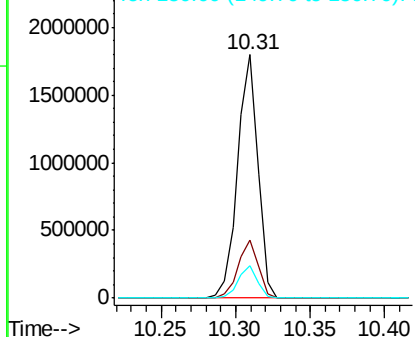
Tgt Ion:	149	Resp:	1717907
Ion Ratio	Lower	Upper	
149	100		
177	24.1	19.1	28.7
150	13.2	10.5	15.7

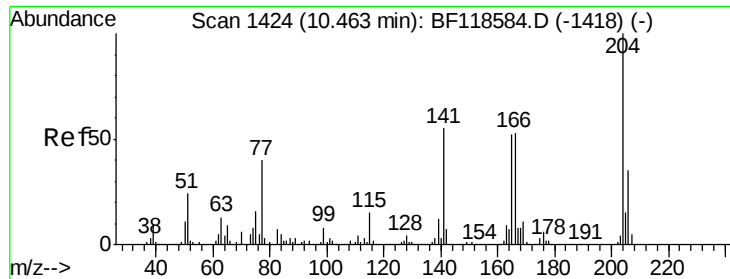
Abundance

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





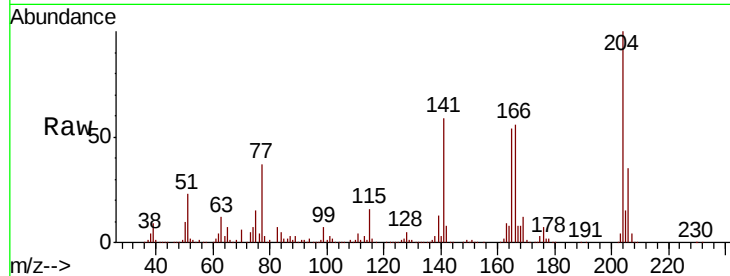
#61
4-Chlorophenyl-phenylether
Concen: 40.254 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

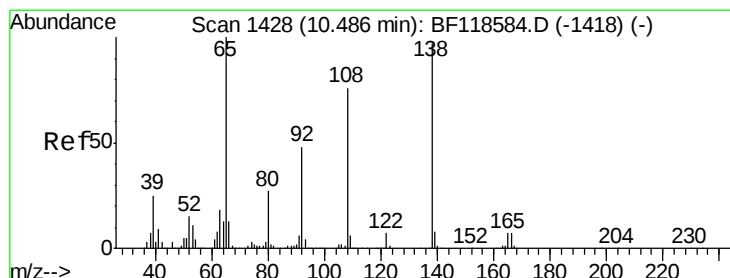
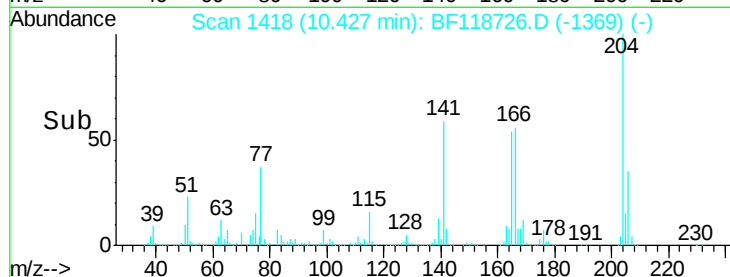
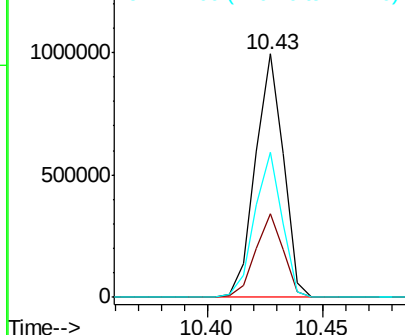
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.0	40.6
141	59.5	43.9	65.9

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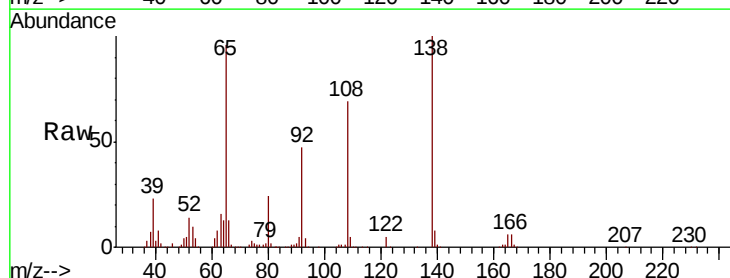


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

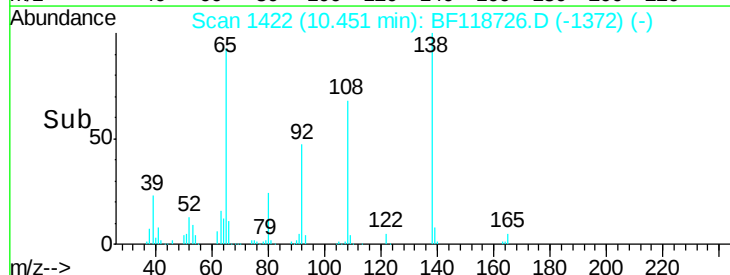
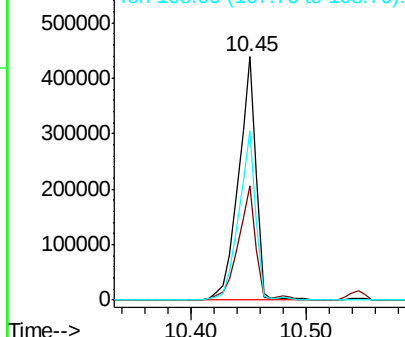


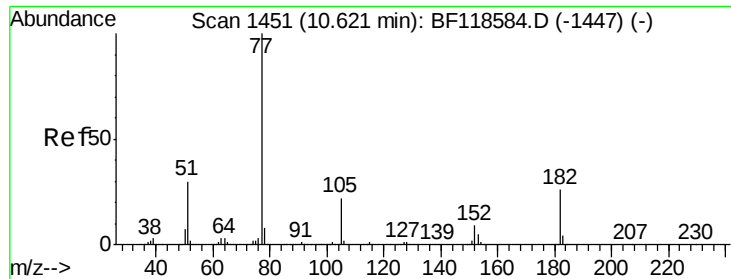
#62
4-Nitroaniline
Concen: 41.733 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	29.2	69.2
108	69.4	50.8	90.8



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





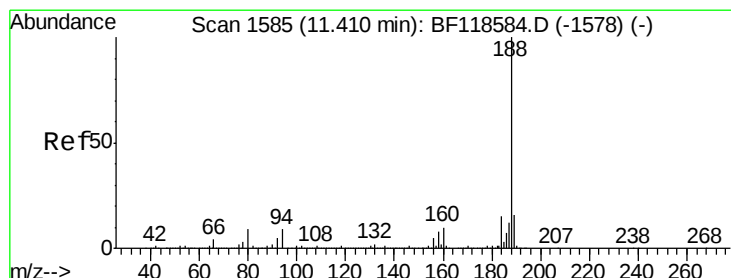
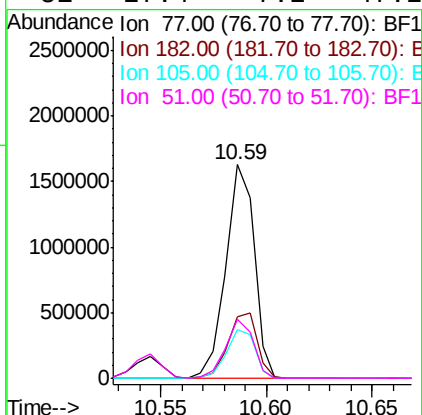
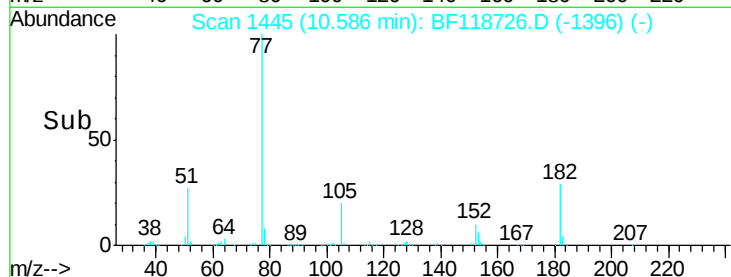
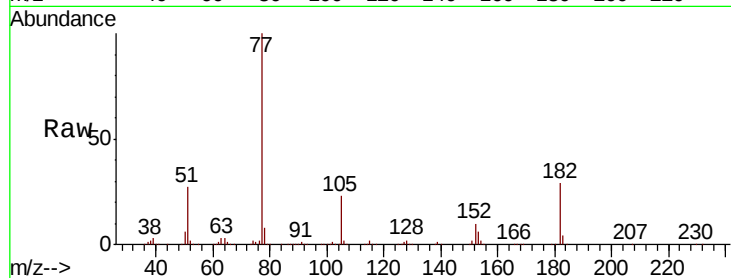
#63
Azobenzene
Concen: 38.069 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	1510617
Ion	Ratio	Lower	Upper
77	100		
182	28.7	12.3	52.3
105	23.1	4.0	44.0
51	27.4	7.2	47.2

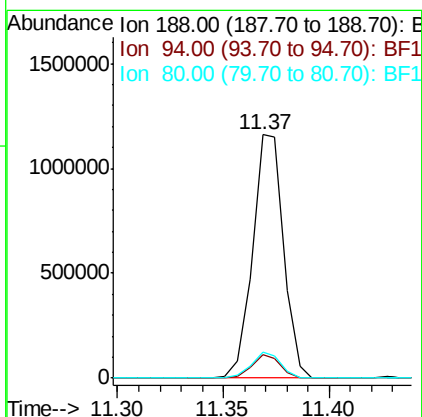
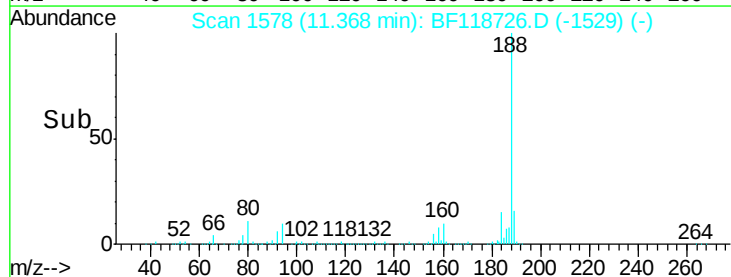
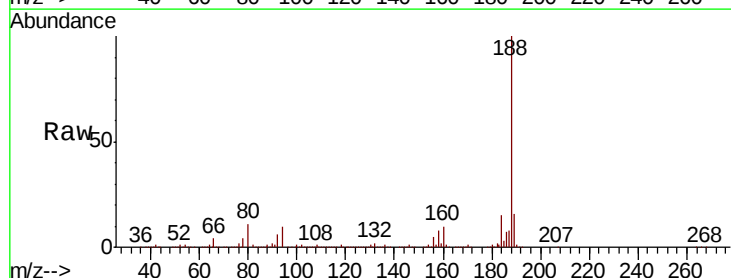
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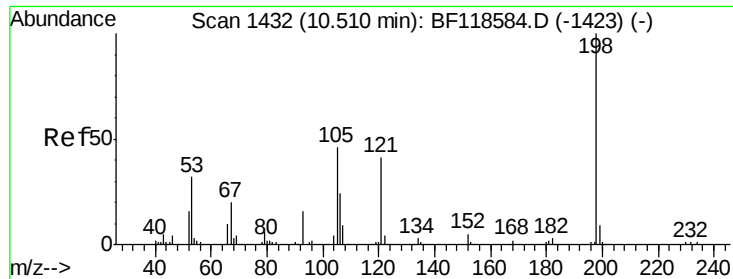
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:	188	Resp:	1183844
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.2
80	10.9	7.8	11.8





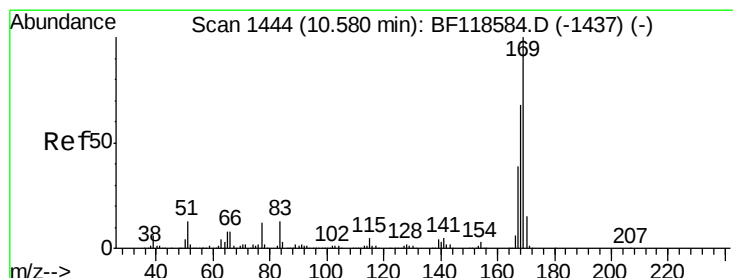
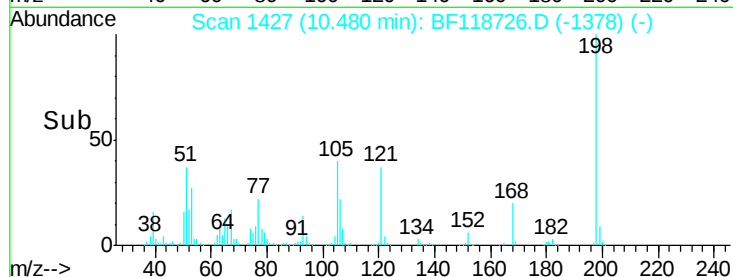
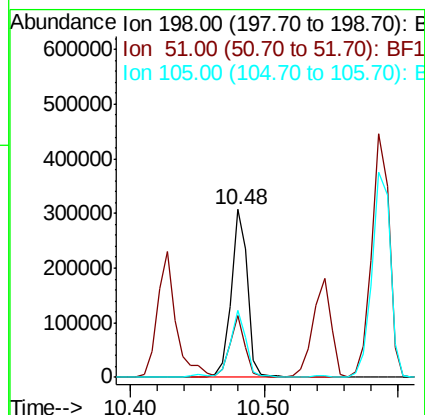
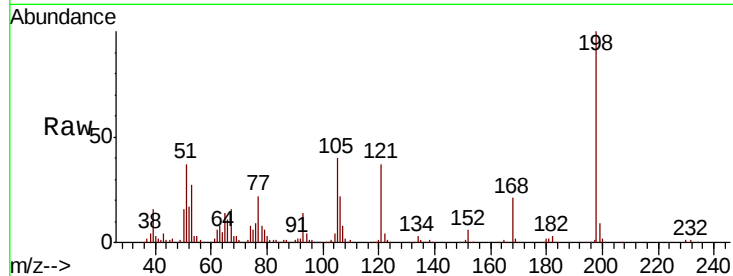
#65
4,6-Dinitro-2-methylphenol
Concen: 51.125 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	266141		
51	36.8	9.6	49.6	
105	40.2	15.5	55.5	

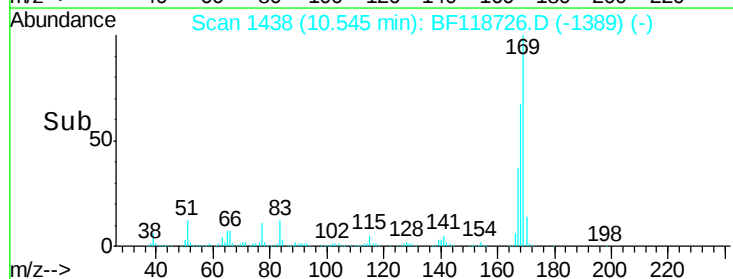
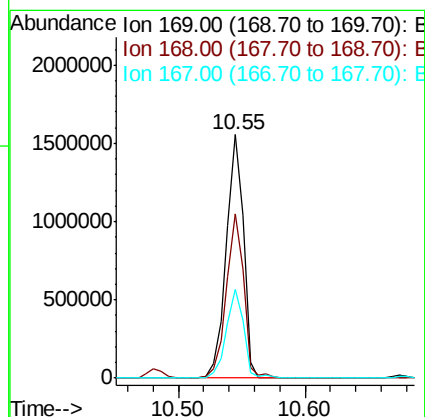
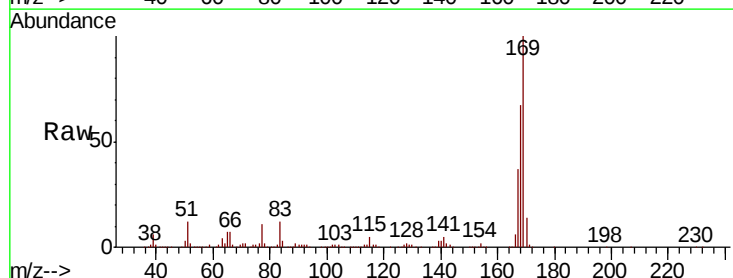
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#66
n-Nitrosodiphenylamine
Concen: 41.070 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1466293		
168	67.4	53.4	80.0	
167	36.5	29.2	43.8	





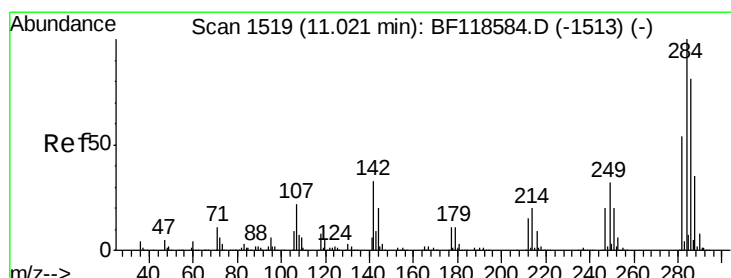
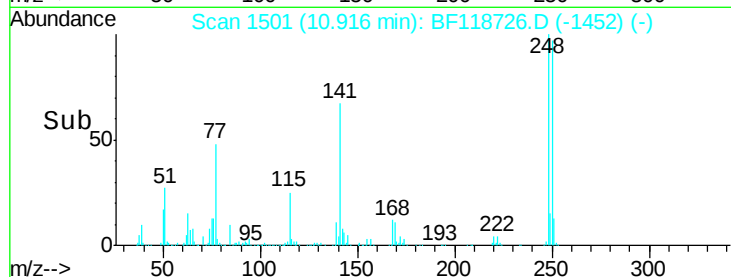
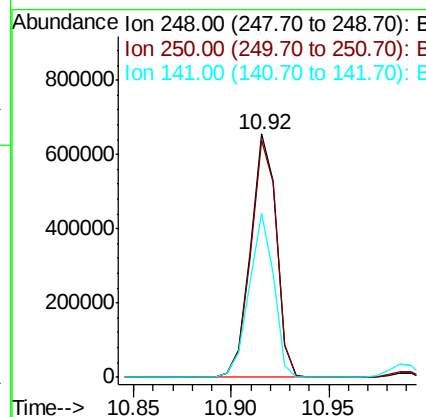
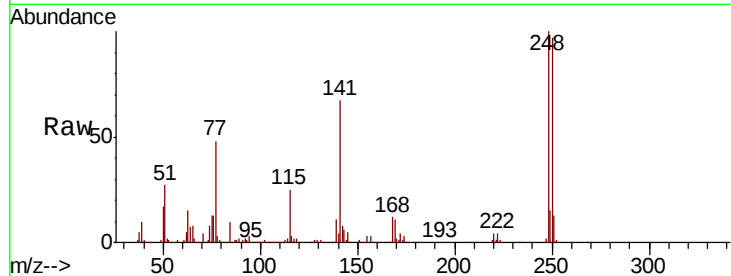
#67
4-Bromophenyl-phenylether
Concen: 40.971 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.7	118.1
141	67.4	48.4	72.6

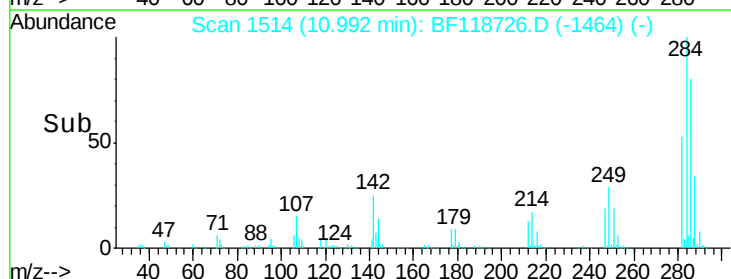
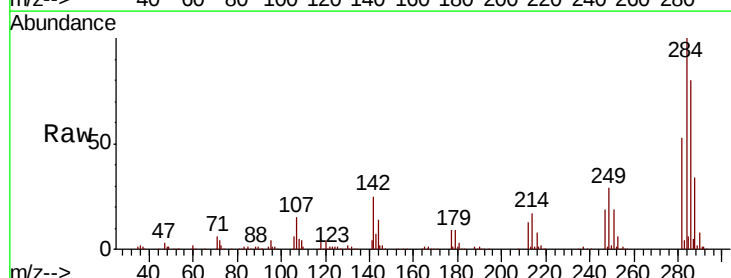
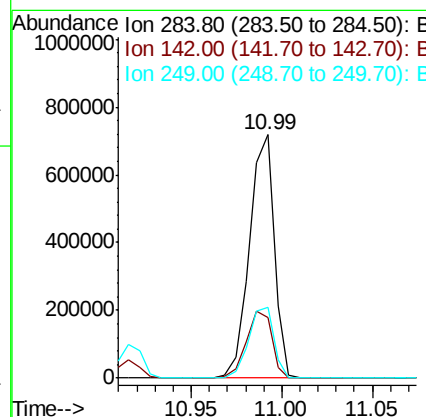
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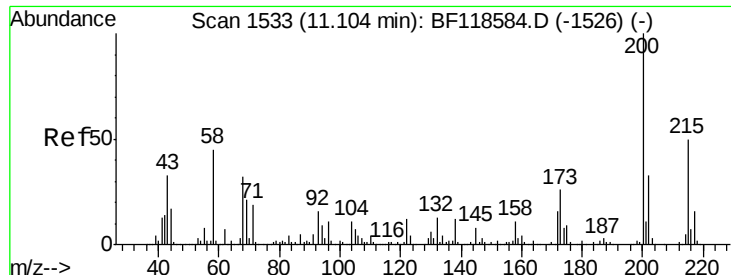
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#68
Hexachlorobenzene
Concen: 41.136 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.0	23.1	34.7
249	28.9	24.0	36.0





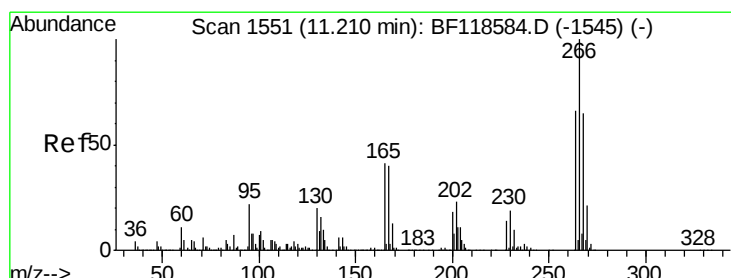
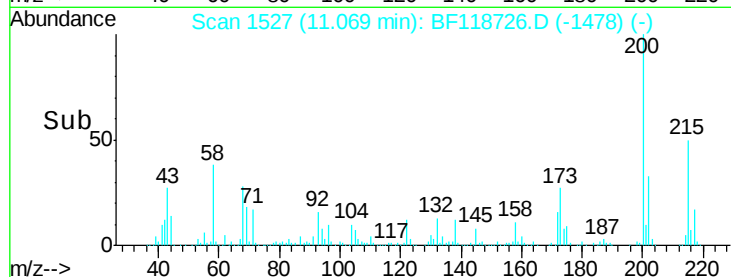
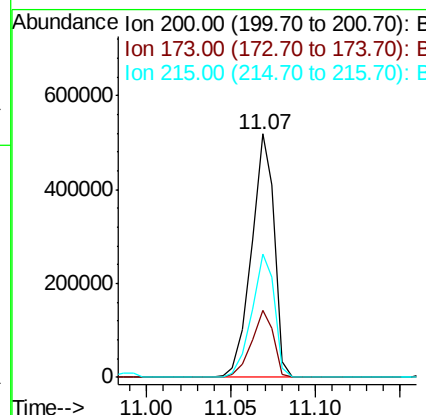
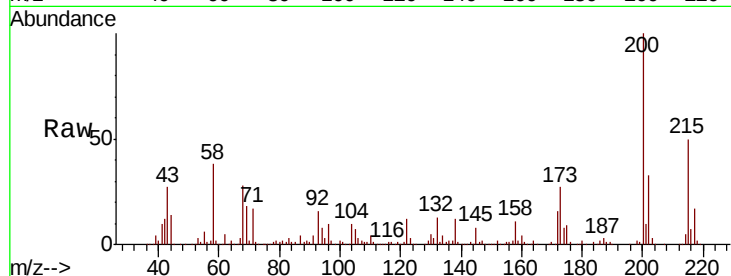
#69
Atrazine
Concen: 39.478 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.3	6.8	46.8
215	50.4	30.4	70.4

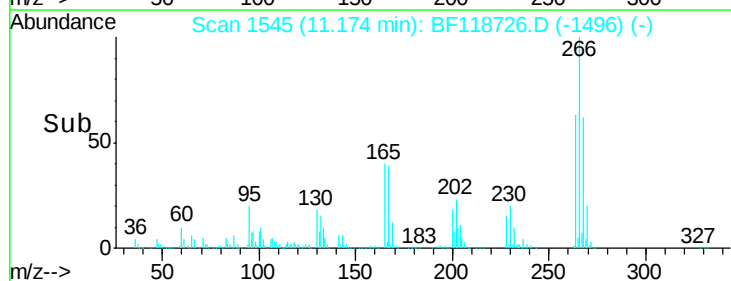
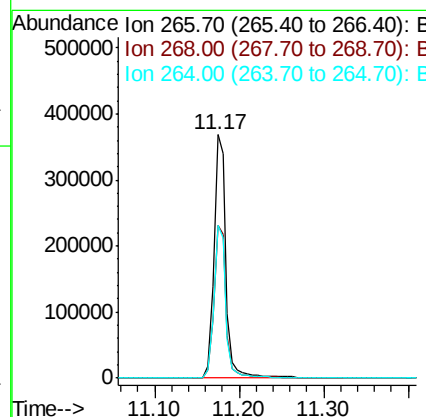
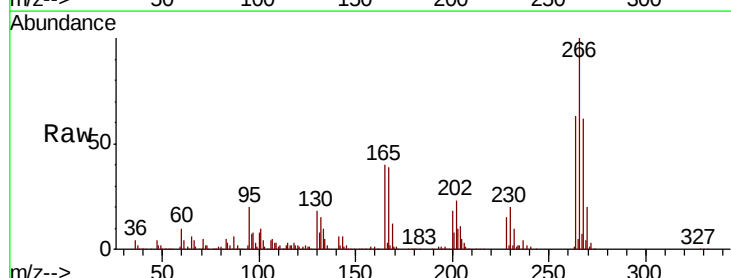
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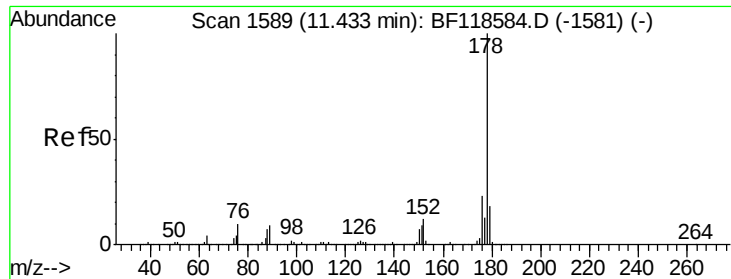
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#70
Pentachlorophenol
Concen: 40.131 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.5	51.6	77.4
264	62.6	50.9	76.3





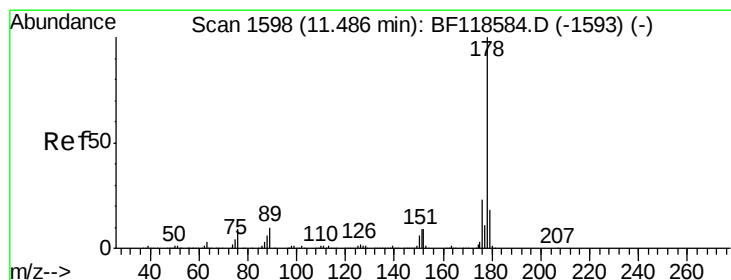
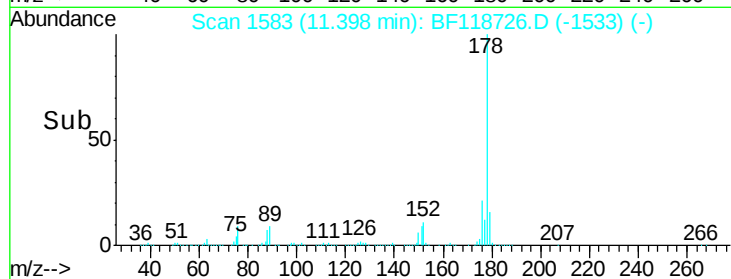
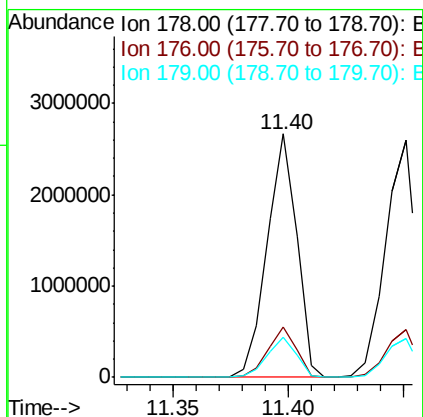
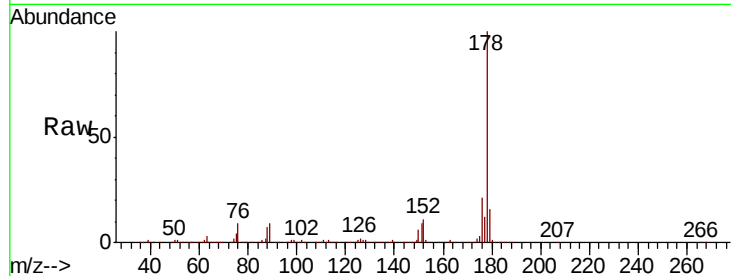
#71
Phenanthrene
Concen: 41.821 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 2388537
Ion Ratio Lower Upper
178 100
176 20.8 16.5 24.7
179 16.4 13.3 19.9

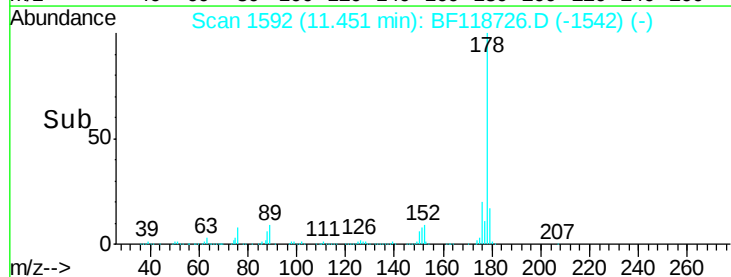
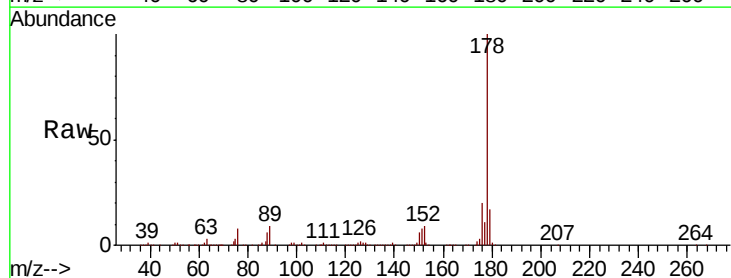
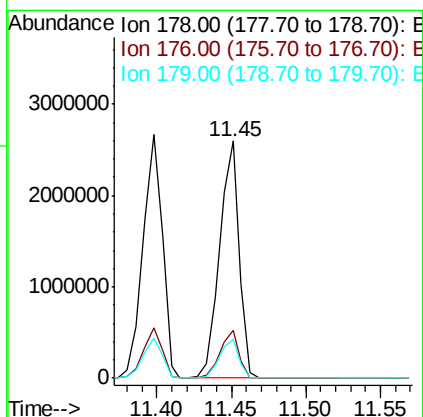
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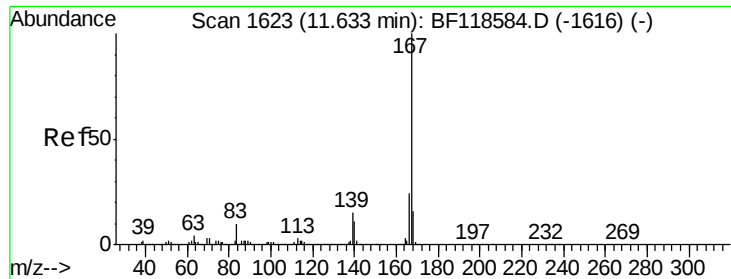
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#72
Anthracene
Concen: 42.425 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:178 Resp: 2397577
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 16.5 13.3 19.9





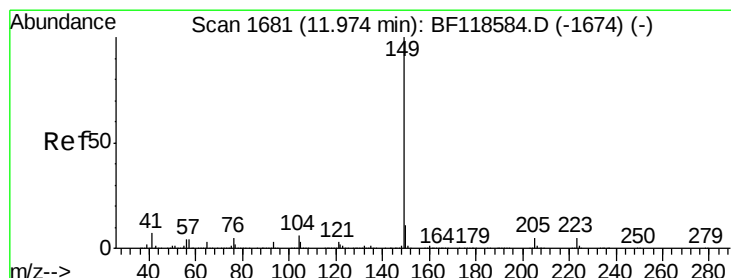
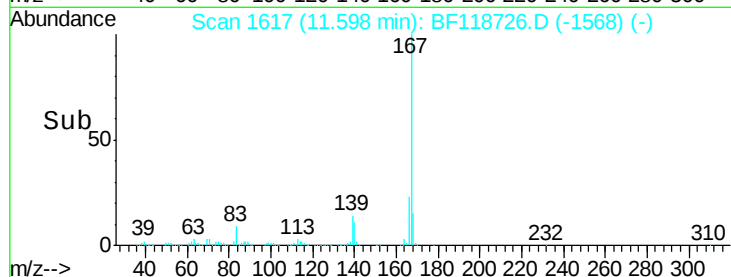
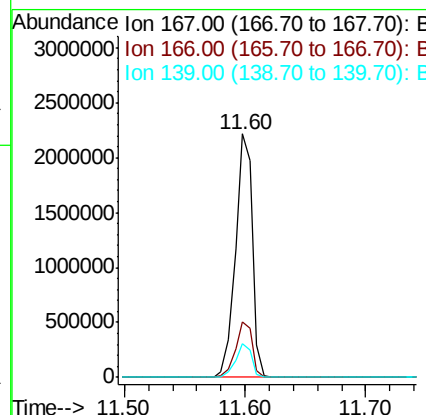
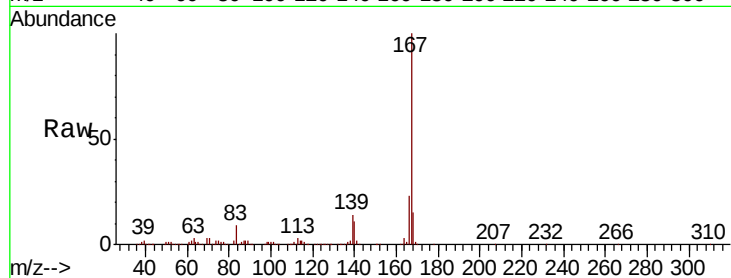
#73
 Carbazole
 Concen: 41.349 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.7	18.3	27.5	
139	14.0	11.0	16.4	

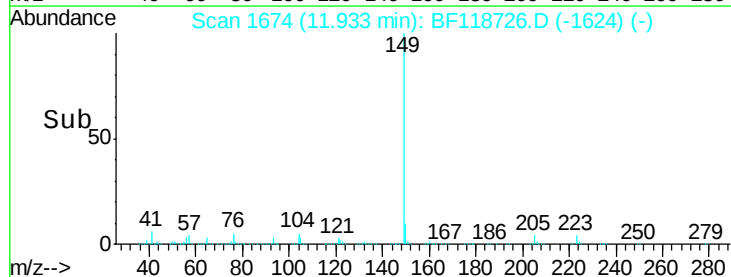
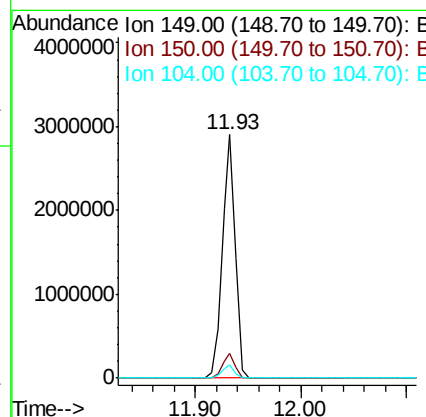
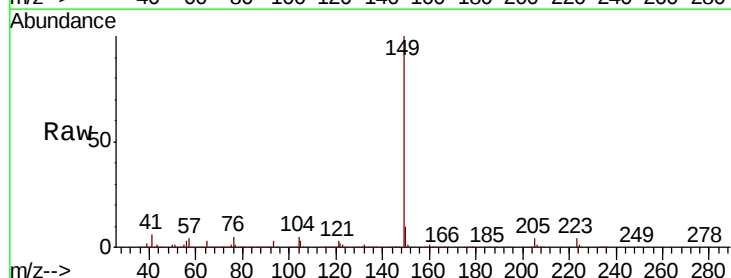
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#74
 Di-n-butylphthalate
 Concen: 43.645 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.3	8.2	12.2	
104	5.2	4.2	6.4	





#75

Fluoranthene

Concen: 41.745 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2514688

Ion Ratio Lower Upper

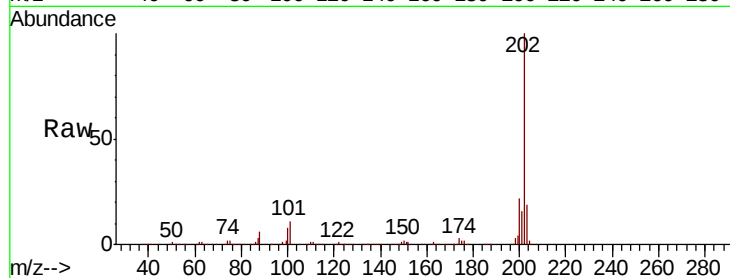
202 100

101 11.4 0.0 32.1

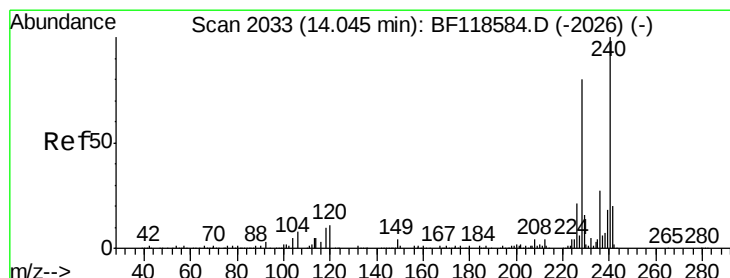
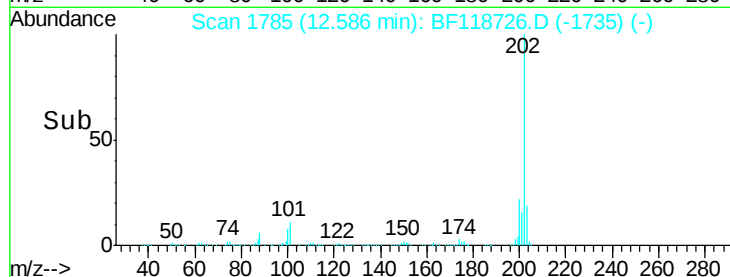
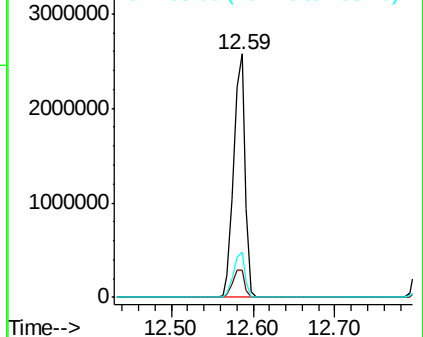
203 18.8 0.0 38.9

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

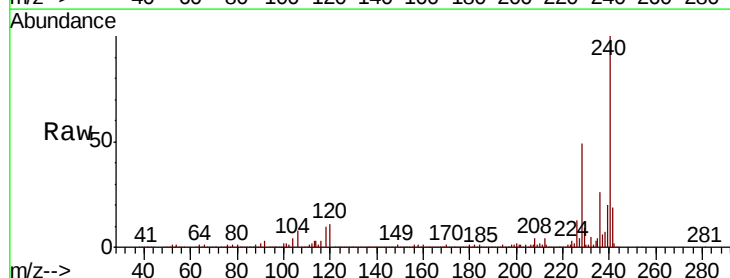
Tgt Ion:240 Resp: 862408

Ion Ratio Lower Upper

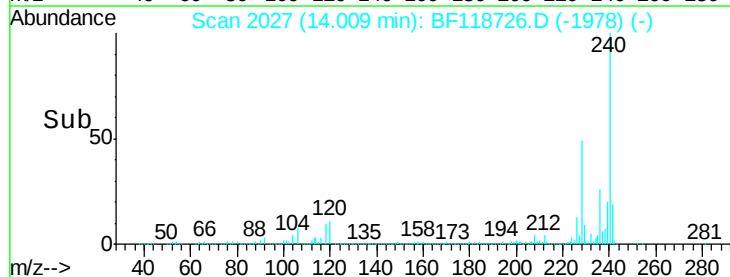
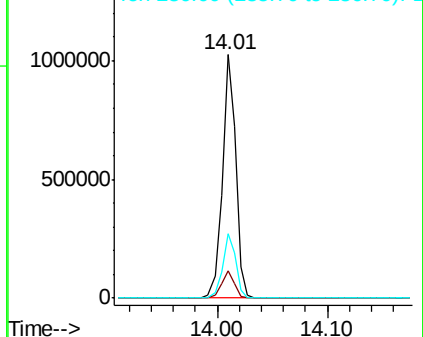
240 100

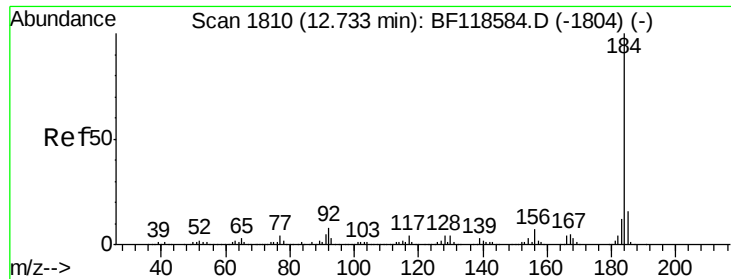
120 11.1 7.6 11.4

236 26.2 21.0 31.4



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





#77

Benzidine

Concen: 48.255 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1111937

Ion Ratio Lower Upper

184 100

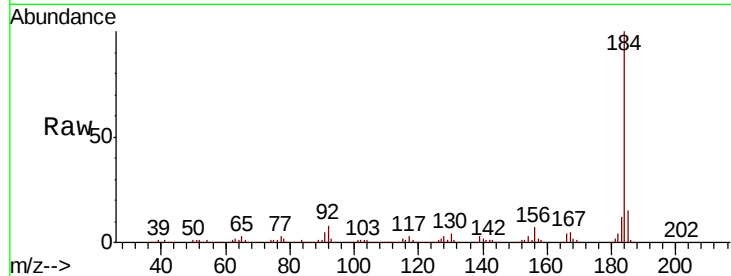
185 15.4 11.8 17.8

183 12.3 9.7 14.5

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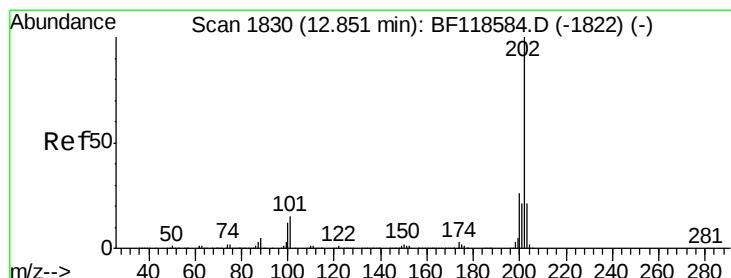
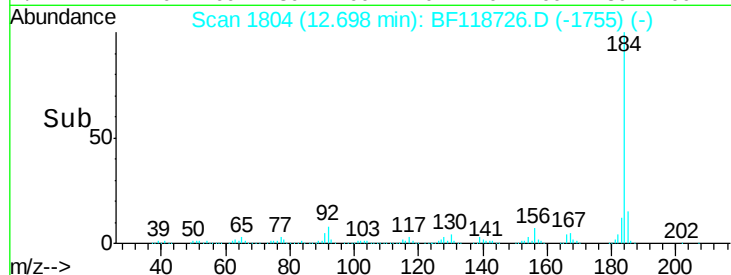
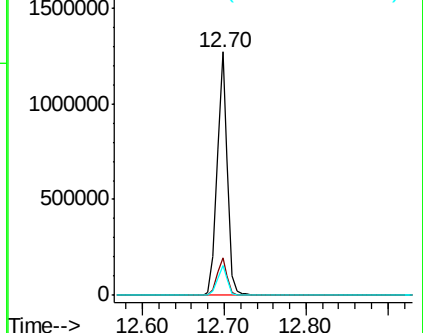
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.332 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

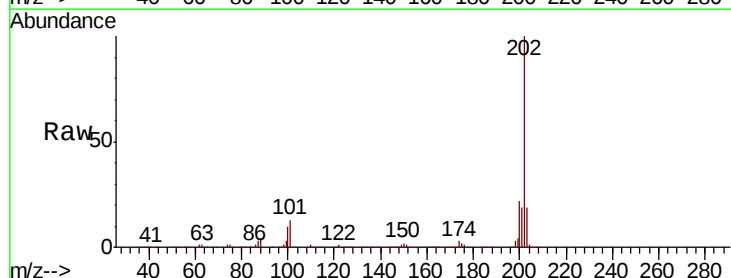
Tgt Ion:202 Resp: 2537094

Ion Ratio Lower Upper

202 100

200 22.4 18.1 27.1

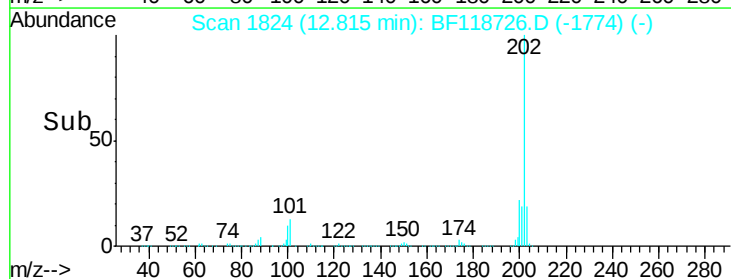
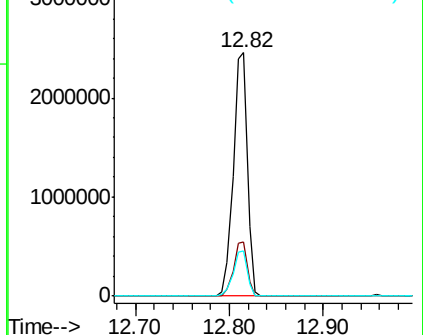
203 18.8 15.2 22.8

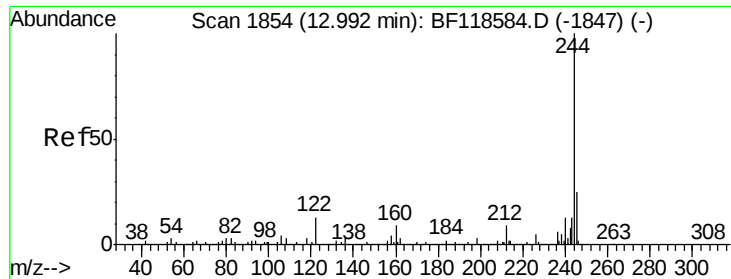


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





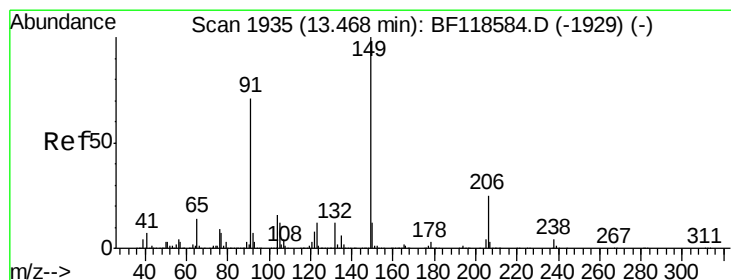
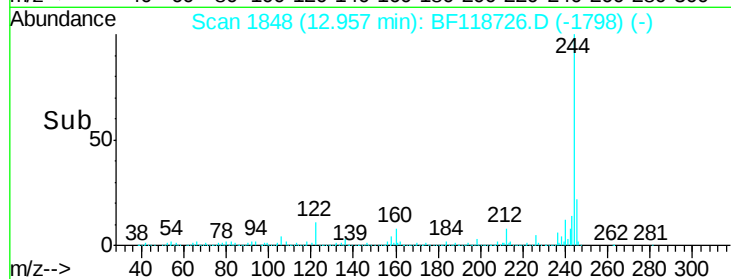
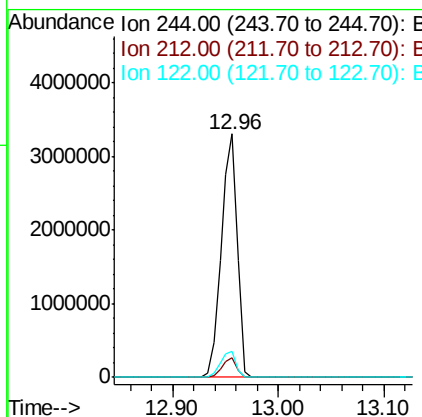
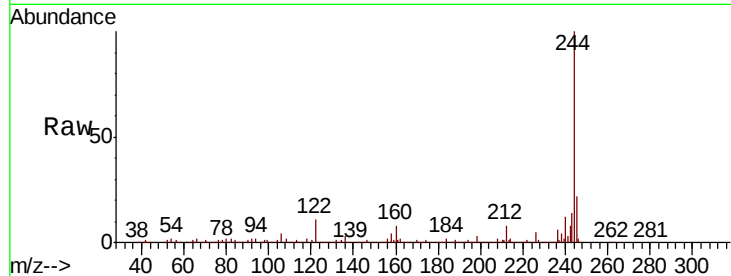
#79
 Terphenyl-d14
 Concen: 88.281 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 3490653
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 10.9 9.2 13.8

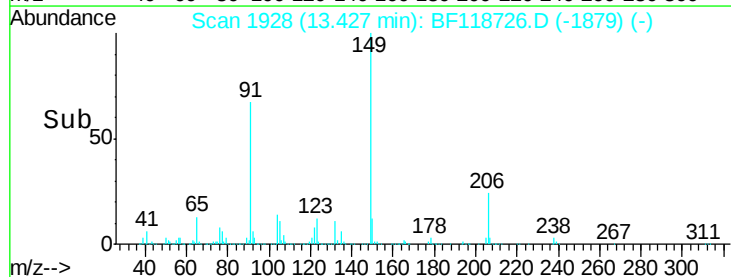
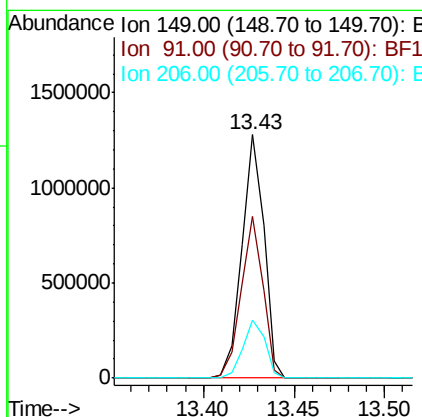
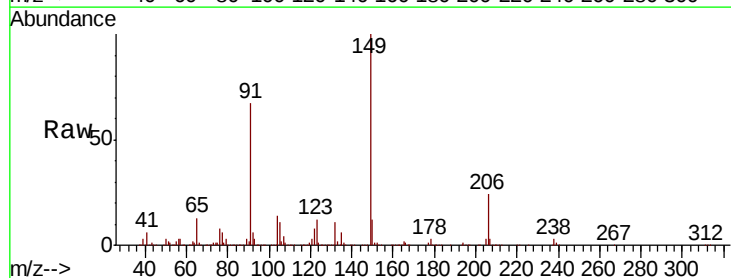
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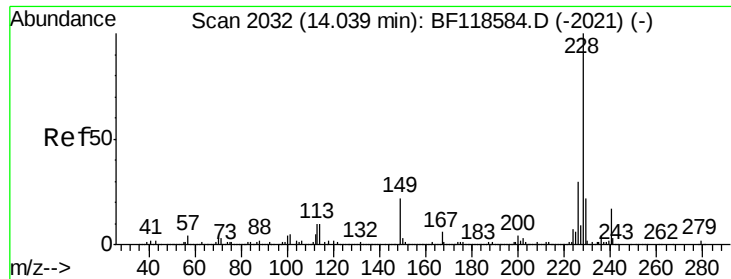
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#80
 Butylbenzylphthalate
 Concen: 45.140 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Tgt Ion:149 Resp: 1081650
 Ion Ratio Lower Upper
 149 100
 91 66.5 49.6 74.4
 206 23.7 19.9 29.9





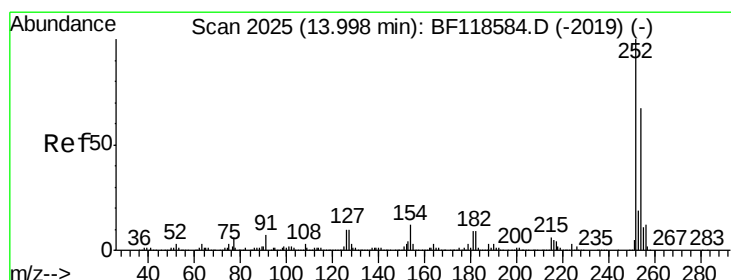
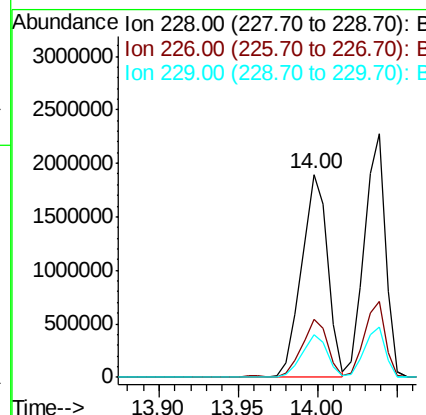
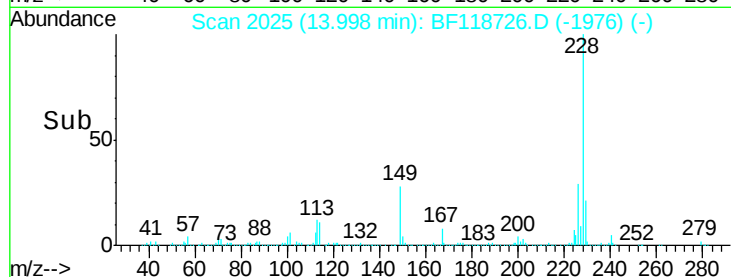
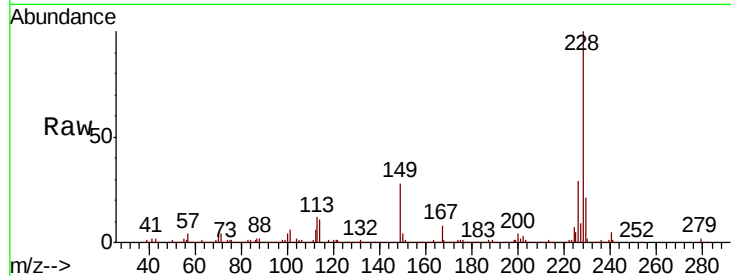
#81
Benzo(a)anthracene
Concen: 41.410 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	21.0	16.6	25.0

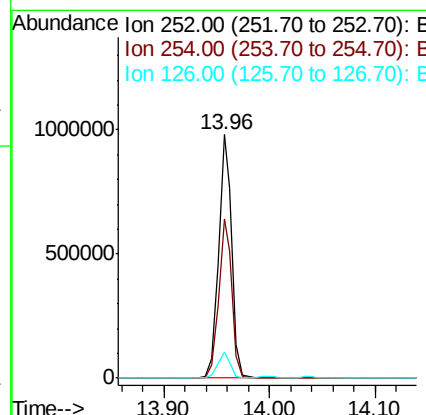
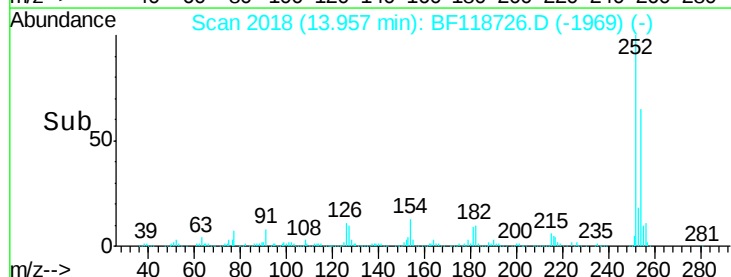
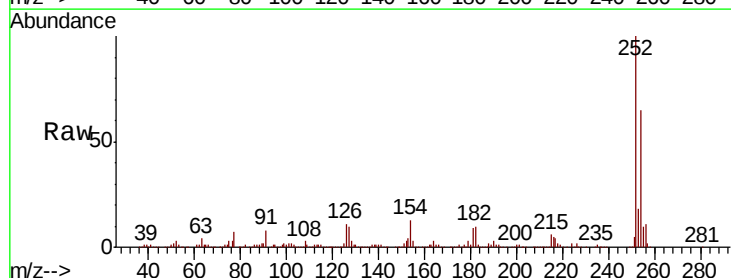
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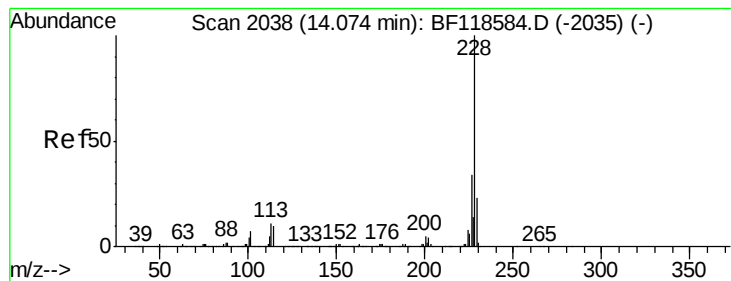
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 46.949 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.6	78.8
126	10.5	8.1	12.1





#83

Chrysene

Concen: 42.903 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2133163

Ion Ratio Lower Upper

228 100

226 31.4 25.6 38.4

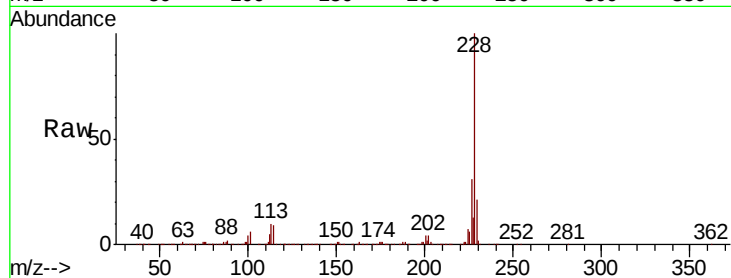
229 20.9 17.1 25.7

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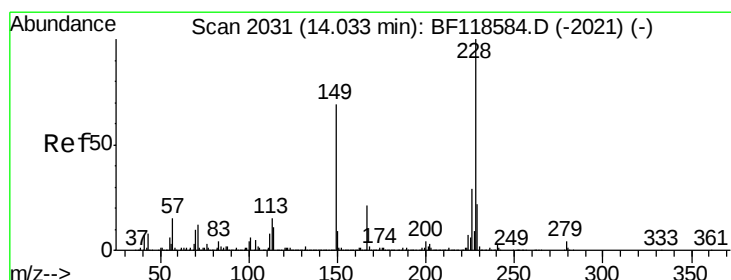
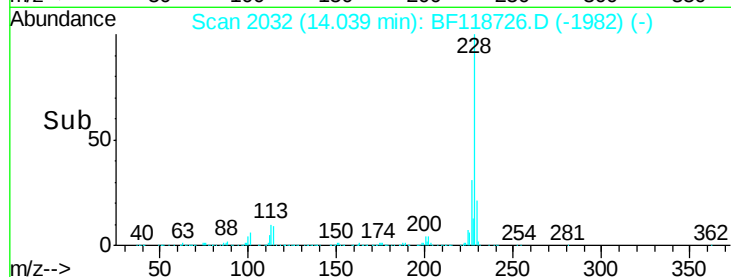
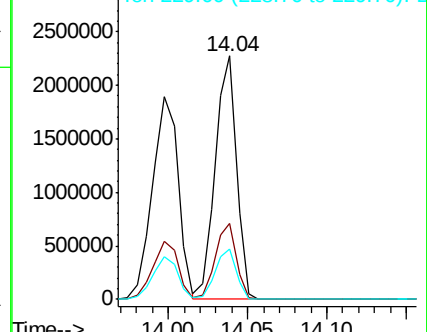


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.762 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

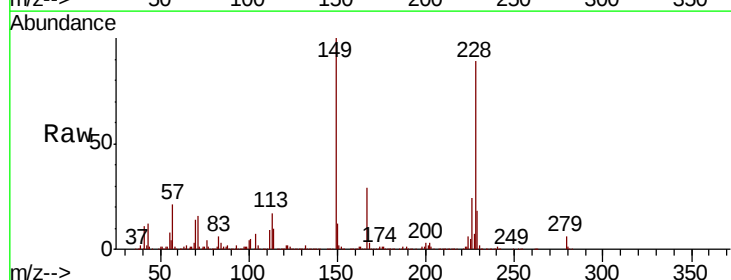
Tgt Ion:149 Resp: 1339698

Ion Ratio Lower Upper

149 100

167 29.1 23.6 35.4

279 5.9 4.5 6.7

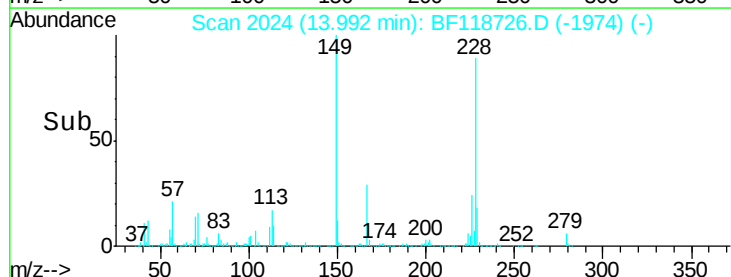
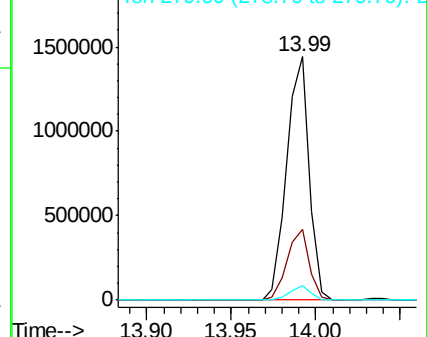


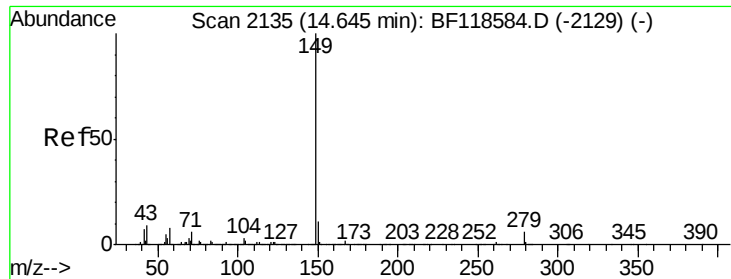
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.954 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2207958

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

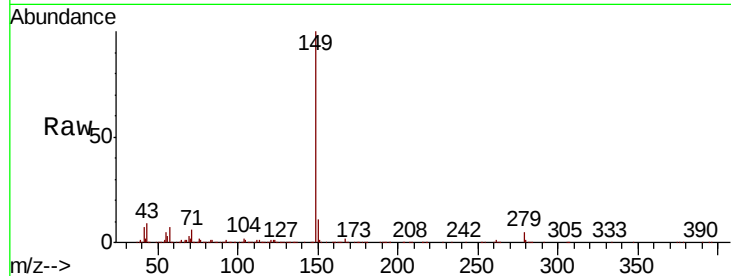
43 8.1 6.6 10.0

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

3000000

2500000

2000000

1500000

1000000

500000

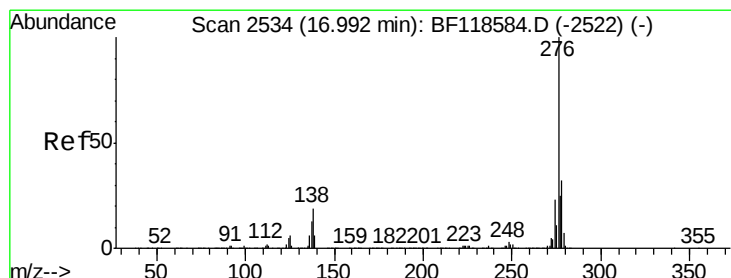
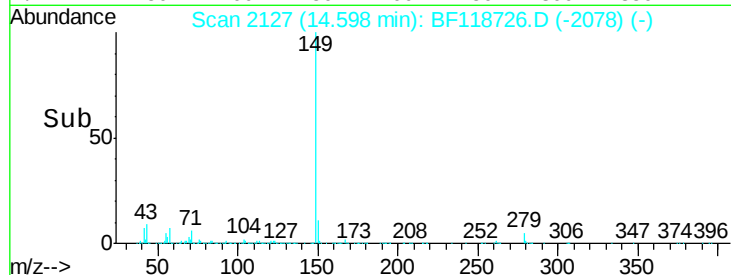
0

14.50

14.60

14.70

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.889 ng m

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

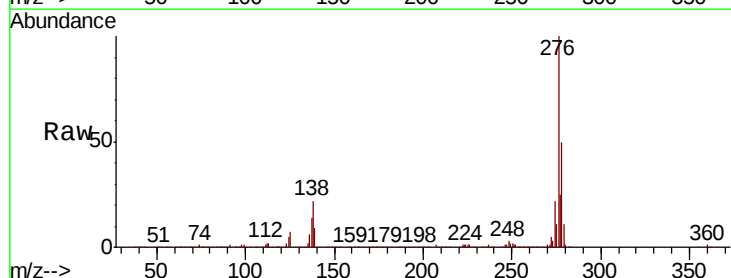
Tgt Ion:276 Resp: 2068888

Ion Ratio Lower Upper

276 100

138 23.1 18.2 27.4

277 25.8 20.4 30.6



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

1000000

800000

600000

400000

200000

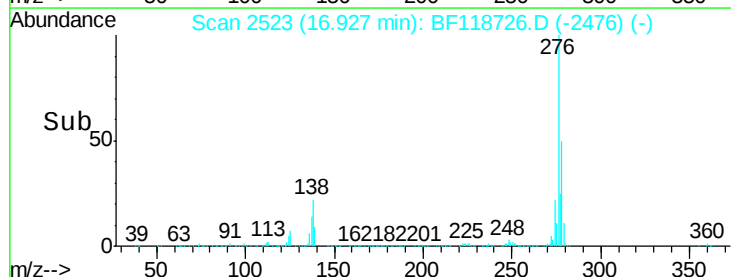
0

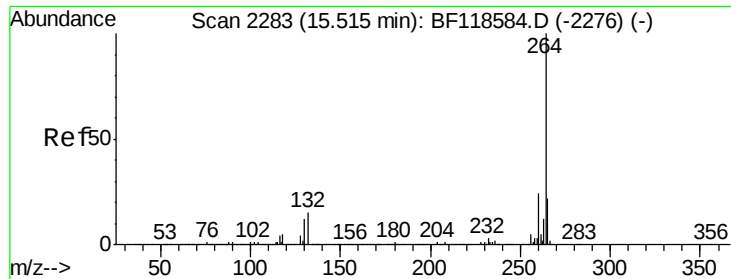
16.80

16.90

17.00

Time-->





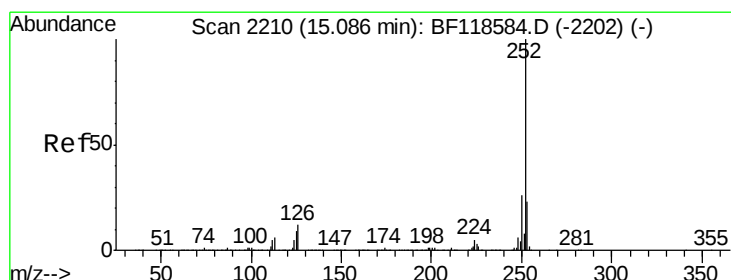
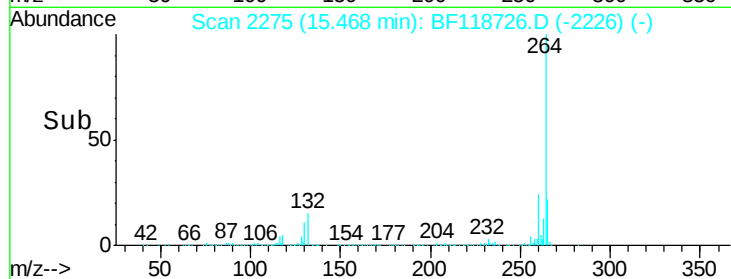
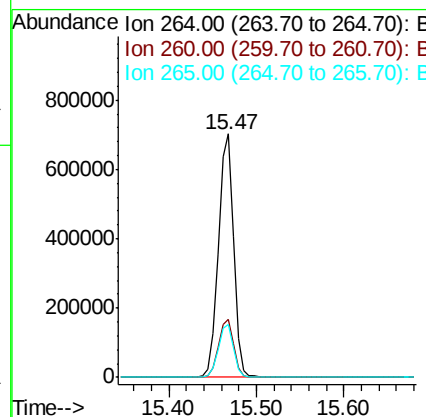
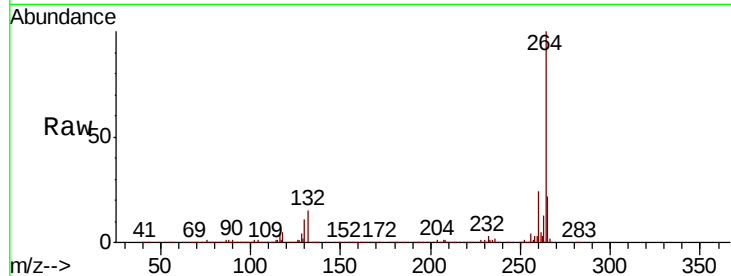
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.5	17.0	25.6

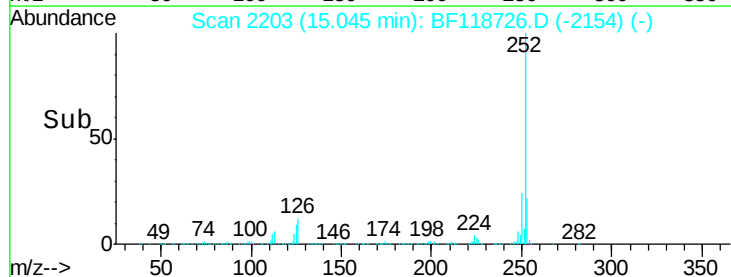
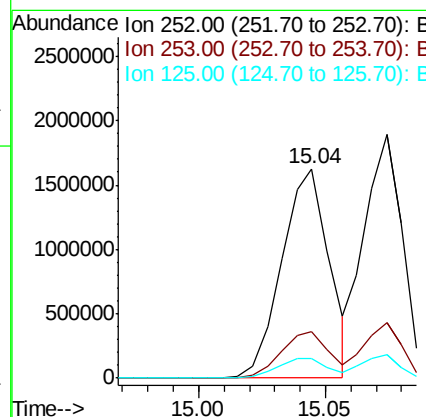
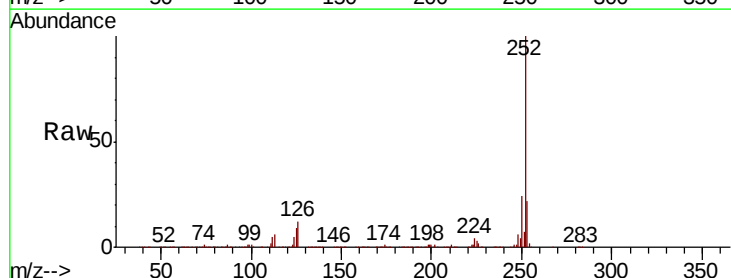
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#88
Benzo(b)fluoranthene
Concen: 39.582 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	9.2	7.7	11.5





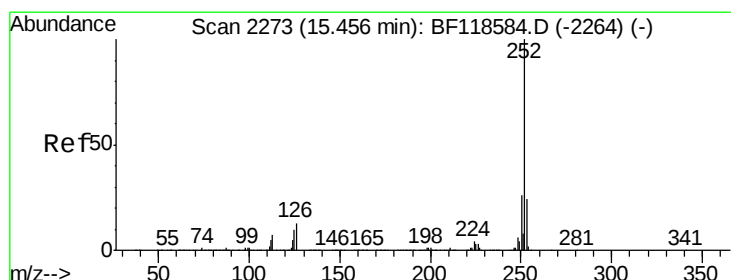
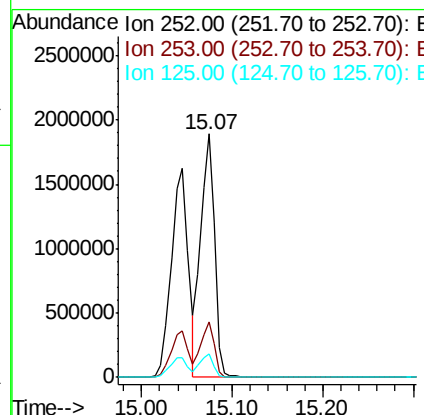
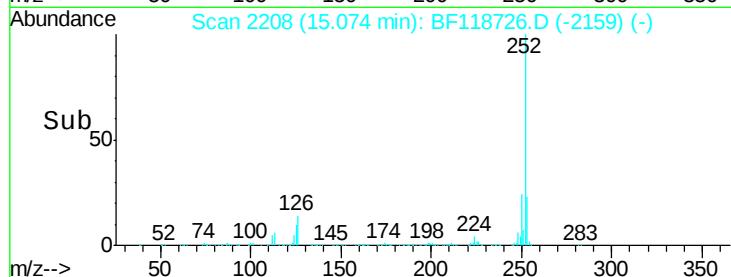
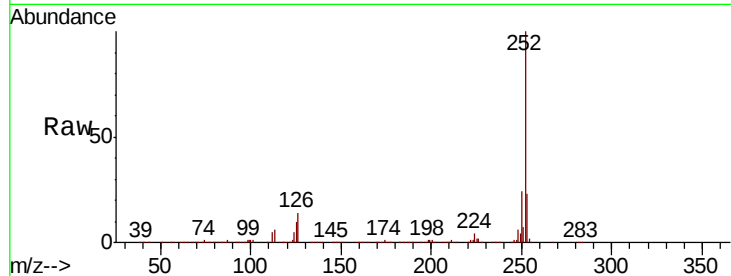
#89
Benzo(k)fluoranthene
Concen: 40.419 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	9.8	8.1	12.1

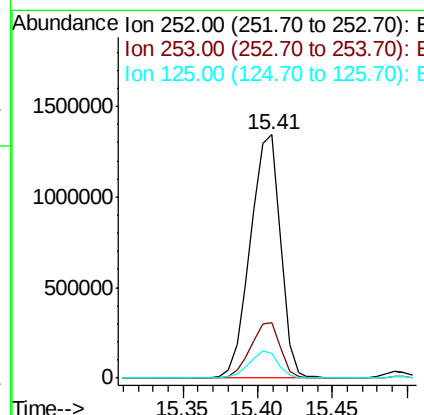
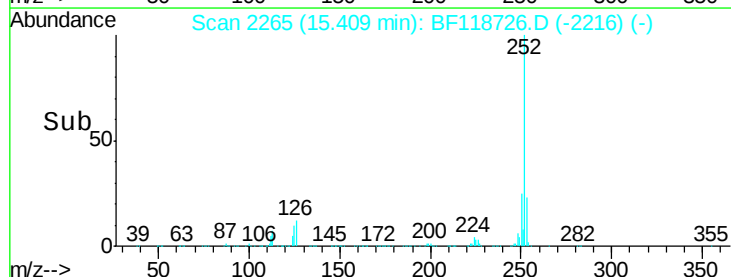
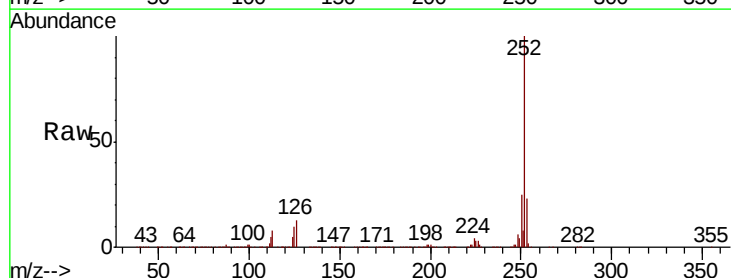
Manual Integrations
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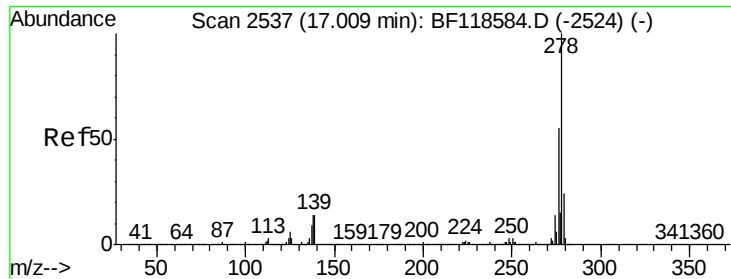
mohammad
1/30/2020 10:18:07 AM



#90
Benzo(a)pyrene
Concen: 40.582 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	10.1	8.3	12.5





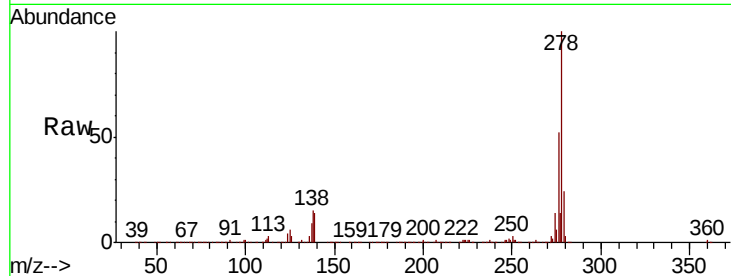
#91
Dibenzo(a,h)anthracene
Concen: 41.898 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

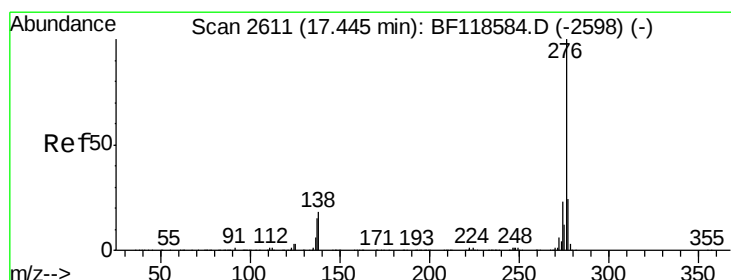
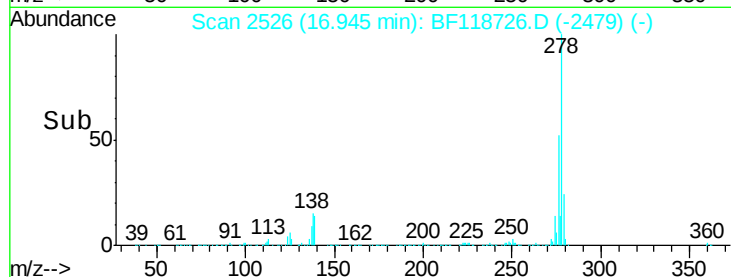
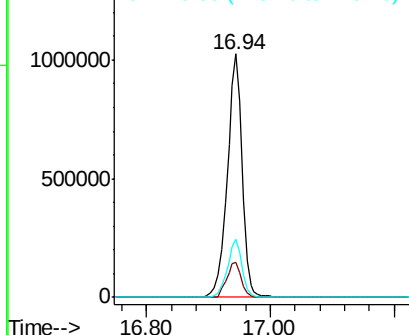
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.8	17.6
279	23.6	19.1	28.7

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:07 AM

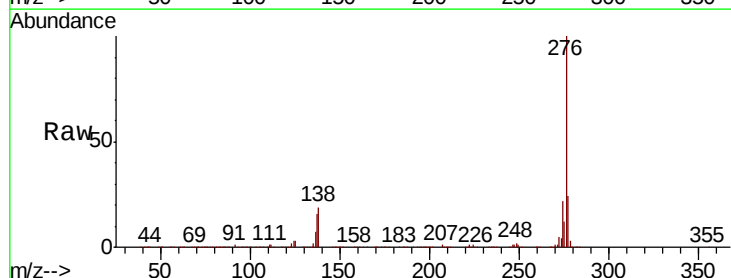


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.215 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.6
138	19.1	15.4	23.2



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

