

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118555.D
 Acq On : 17 Jan 2020 12:02
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

mohammad
 1/21/2020 7:58:20 AM

Quant Time: Jan 17 13:33:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 12:09:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	432815	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1569865	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	889736	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	1557145	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1026640	20.00	ng	0.00
87) Perylene-d12	15.52	264	872902	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	2427917	96.03	ng	0.00
7) Phenol-d6	6.52	99	3165347	104.06	ng	0.00
23) Nitrobenzene-d5	7.46	82	2890924	112.77	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	1073486	99.47	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	5033538	91.26	ng	0.00
79) Terphenyl-d14	13.00	244	5360239	86.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	578756	56.273	ng	99
3) Pyridine	3.45	79	1586863	58.464	ng	99
4) n-Nitrosodimethylamine	3.39	42	739832	78.549	ng	99
6) Aniline	6.56	93	2195599	57.207	ng	98
8) 2-Chlorophenol	6.68	128	1406074	49.613	ng	97
9) Benzaldehyde	6.44	77	749372	52.897	ng	97
10) Phenol	6.53	94	1815169	53.070	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	1403608	54.583	ng	98
12) 1,3-Dichlorobenzene	6.83	146	1652110	50.296	ng	100
13) 1,4-Dichlorobenzene	6.91	146	1653820	50.247	ng	99
14) 1,2-Dichlorobenzene	7.07	146	1559268	51.135	ng	97
15) Benzyl Alcohol	7.03	79	1330364	61.362	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	2066836	77.621	ng	100
17) 2-Methylphenol	7.14	107	1184784	53.576	ng	99
18) Hexachloroethane	7.41	117	615018	52.659	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	1159897	65.915	ng	98
20) 3+4-Methylphenols	7.30	107	1421767	49.384	ng	90
22) Acetophenone	7.30	105	1992365	54.706	ng	96
24) Nitrobenzene	7.47	77	1512442	59.355	ng	98
25) Isophorone	7.72	82	2865563	62.031	ng	99
26) 2-Nitrophenol	7.79	139	628725	42.052	ng	98
27) 2,4-Dimethylphenol	7.82	122	1164149	58.331	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	1867788	58.652	ng	100
29) 2,4-Dichlorophenol	8.03	162	1293726	55.725	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	1493814	56.530	ng	100
31) Naphthalene	8.20	128	3852791	48.921	ng	98
32) Benzoic acid	7.96	122	791771	54.942	ng	99
33) 4-Chloroaniline	8.25	127	1769674	52.809	ng	98
34) Hexachlorobutadiene	8.32	225	928375	59.800	ng	98
35) Caprolactam	8.63	113	390016m	54.512	ng	
36) 4-Chloro-3-methylphenol	8.72	107	1258896	52.539	ng	97
37) 2-Methylnaphthalene	8.89	142	2730237	51.859	ng	99
38) 1-Methylnaphthalene	8.99	142	2605556	52.194	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1510066	55.347	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	819089	198.644	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	1009662	57.147	nq	100
44) 2,4,5-Trichlorophenol	9.20	196	992992	56.279	nq	97
46) 1,1'-Biphenyl	9.36	154	3264910	46.311	nq	97
47) 2-Chloronaphthalene	9.38	162	2794947	49.378	nq	96
48) 2-Nitroaniline	9.47	65	804721	52.936	nq	99
49) Acenaphthylene	9.80	152	3887290	47.131	nq	99
50) Dimethylphthalate	9.66	163	3147720	47.932	nq	99
51) 2,6-Dinitrotoluene	9.71	165	683573	47.341	nq	91
52) Acenaphthene	9.97	154	2593995	51.118	nq	98
53) 3-Nitroaniline	9.88	138	743021	44.488	nq	98
54) 2,4-Dinitrophenol	9.98	184	224674	41.661	nq	# 5
55) Dibenzofuran	10.14	168	3614170	49.084	nq	95
56) 4-Nitrophenol	10.03	139	539295	70.447	nq	97
57) 2,4-Dinitrotoluene	10.12	165	821623	44.516	nq	93
58) Fluorene	10.48	166	2779518	46.470	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	873375	60.530	nq	99
60) Diethylphthalate	10.36	149	3082461	47.107	nq	98
61) 4-Chlorophenyl-phenylether	10.47	204	1537796	51.103	nq	97
62) 4-Nitroaniline	10.50	138	729037	44.204	nq	99
63) Azobenzene	10.63	77	2979748	54.978	nq	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	323903	39.421	nq	81
66) n-Nitrosodiphenylamine	10.59	169	2607987	51.012	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	1106868	58.967	nq	97
68) Hexachlorobenzene	11.03	284	1221563	54.886	nq	96
69) Atrazine	11.12	200	670473	54.687	nq	98
70) Pentachlorophenol	11.22	266	641645	104.463	nq	99
71) Phenanthrene	11.44	178	3968143	47.339	nq	99
72) Anthracene	11.49	178	4032900	48.272	nq	99
73) Carbazole	11.64	167	3591870	48.124	nq	99
74) Di-n-butylphthalate	11.98	149	4244945	43.973	nq	100
75) Fluoranthene	12.63	202	4087828	48.818	nq	97
77) Benzidine	12.74	184	1609765	70.250	nq	98
78) Pyrene	12.86	202	4110796	47.387	nq	98
80) Butylbenzylphthalate	13.47	149	1807546	46.548	nq	98
81) Benzo(a)anthracene	14.04	228	3391132	47.653	nq	98
82) 3,3'-Dichlorobenzidine	14.00	252	1212165	50.168	nq	98
83) Chrysene	14.08	228	3241119	47.519	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	2202811	42.459	nq	100
85) Di-n-octyl phthalate	14.64	149	3358177	43.261	nq	100
86) Indeno(1,2,3-cd)pyrene	17.01	276	3056311	47.685	nq	100
88) Benzo(b)fluoranthene	15.09	252	3085484	55.154	nq	100
89) Benzo(k)fluoranthene	15.13	252	2722965	53.734	nq	99
90) Benzo(a)pyrene	15.46	252	2625946	52.675	nq	99
91) Dibenzo(a,h)anthracene	17.03	278	2513086	55.518	nq	99
92) Benzo(g,h,i)perylene	17.46	276	2412422	54.782	nq	99

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

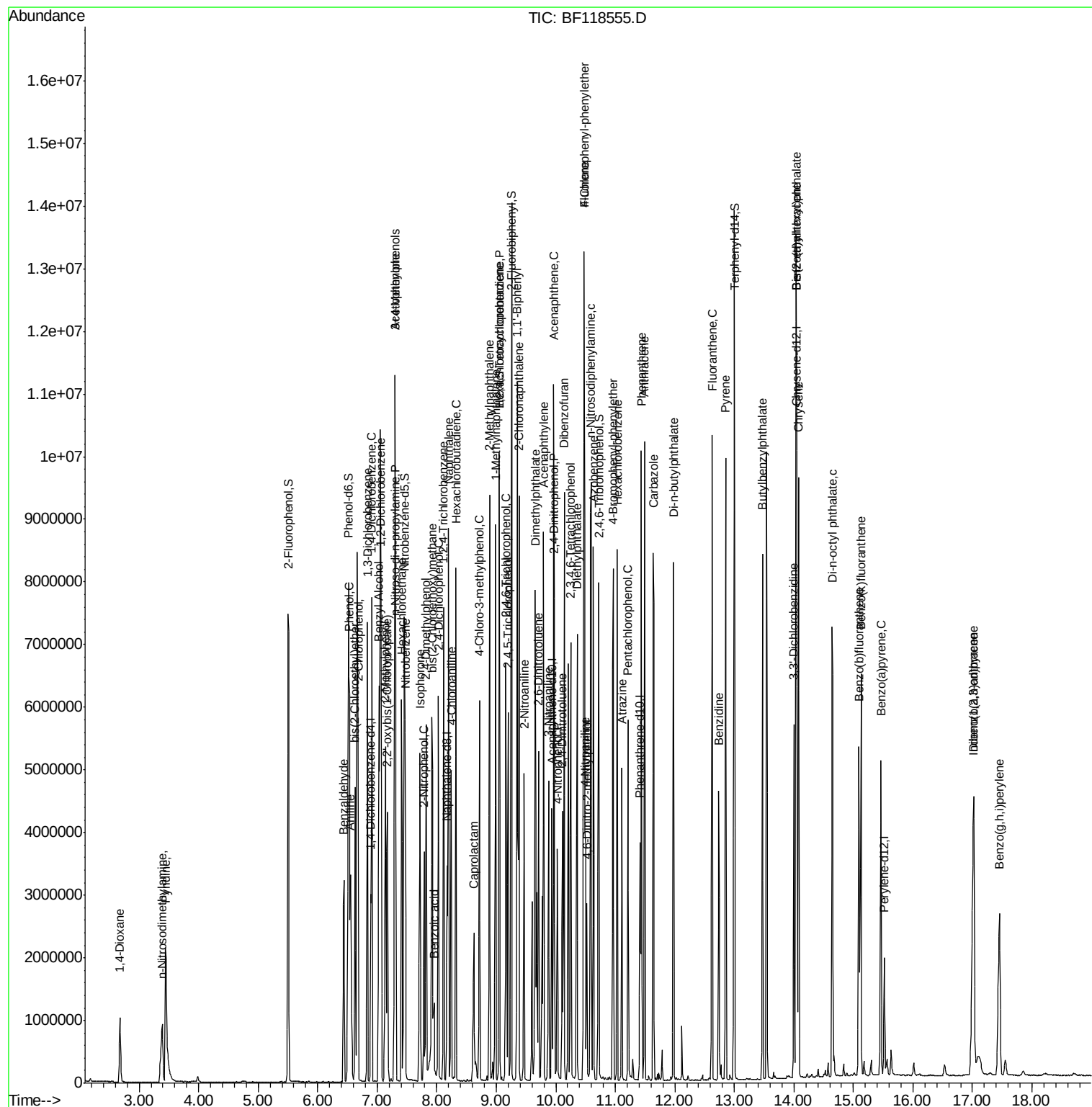
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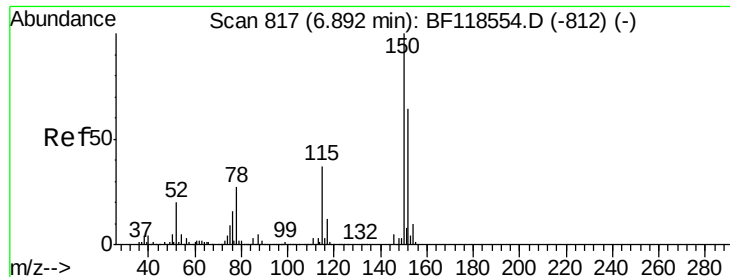
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#1

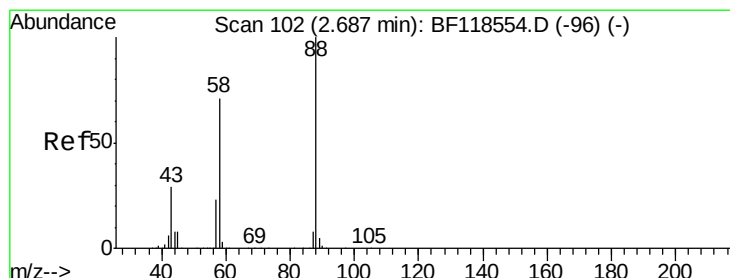
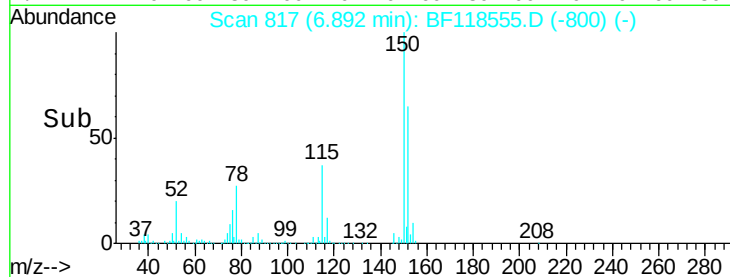
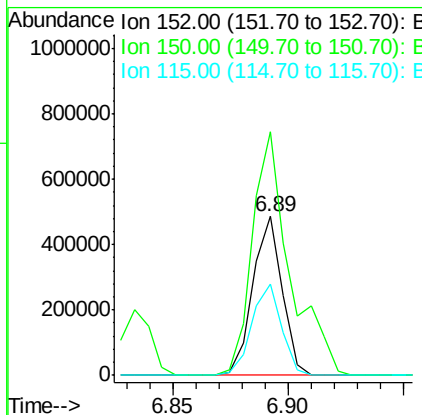
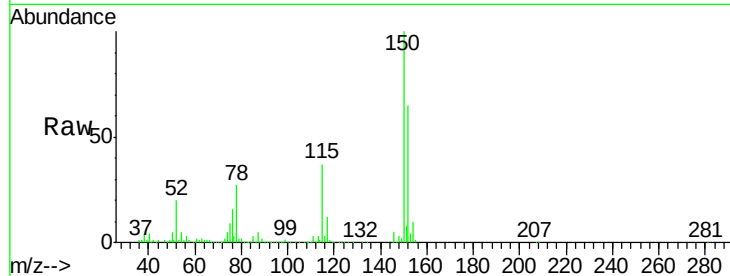
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
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SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.9	187.3
115	57.2	45.8	68.6

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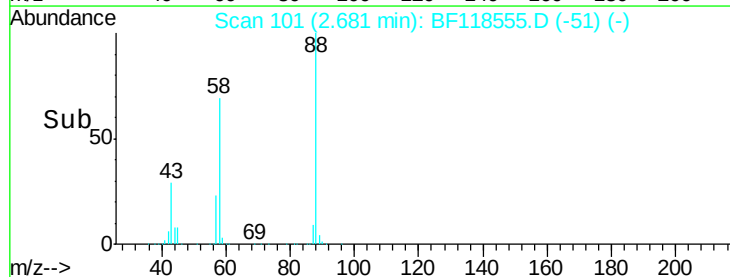
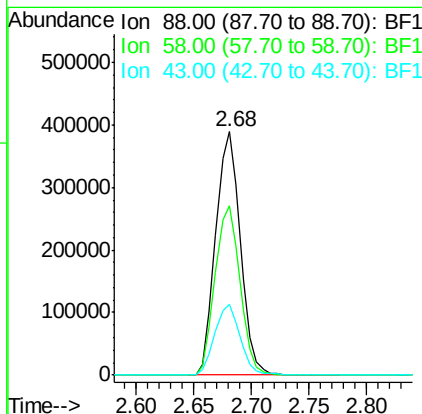
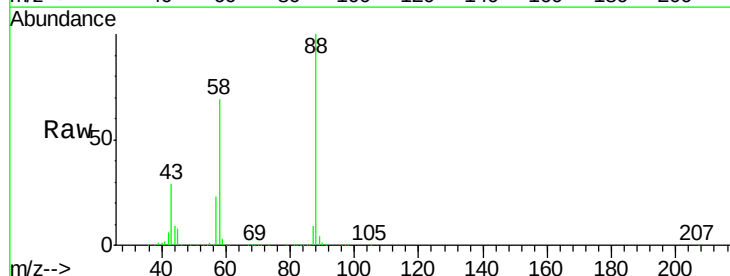
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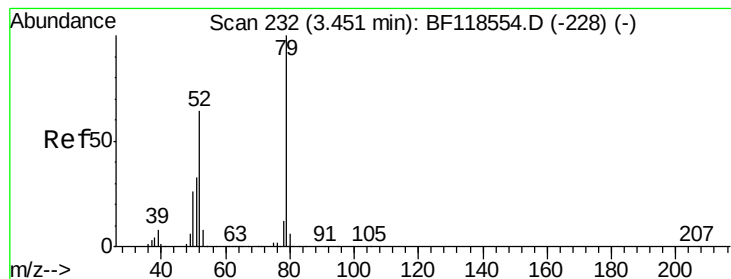


#2

1,4-Dioxane
Concen: 56.273 ng
RT: 2.68 min Scan# 101
Delta R.T. -0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	56.7	85.1
43	29.1	23.3	34.9





#3

Pvridine

Concen: 58.464 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 79 Resp: 1586863

Ion Ratio Lower Upper

79 100

52 65.0 51.3 76.9

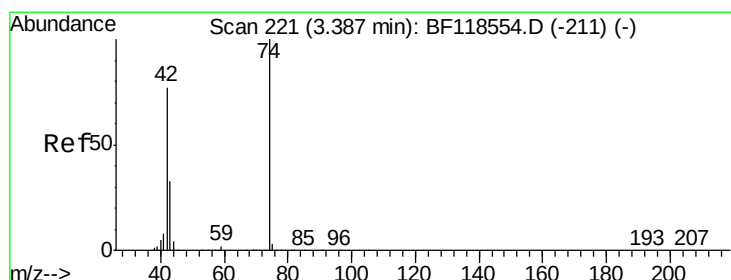
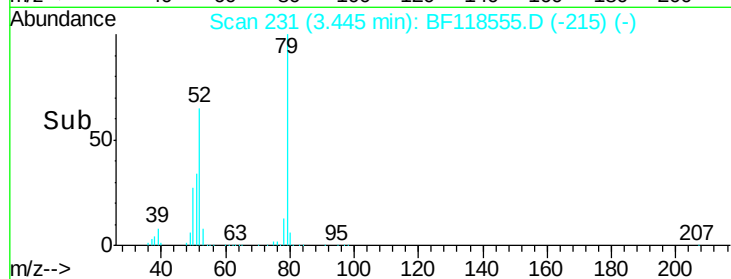
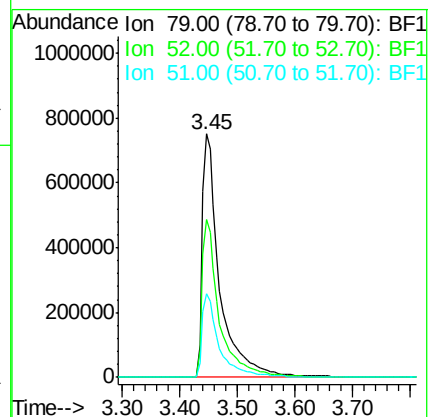
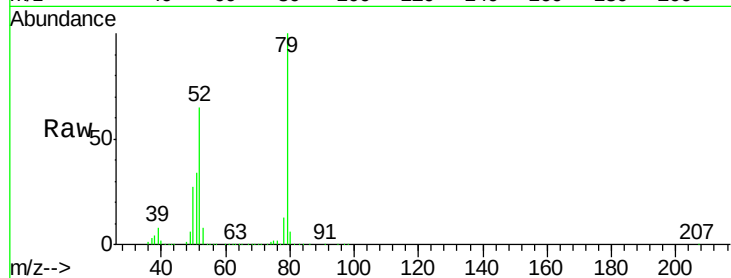
51 34.3 26.7 40.1

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#4

n-Nitrosodimethylamine

Concen: 78.549 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

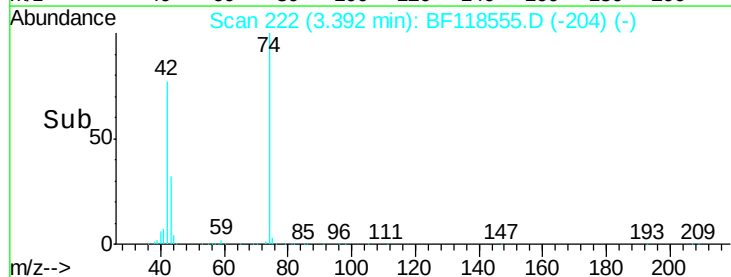
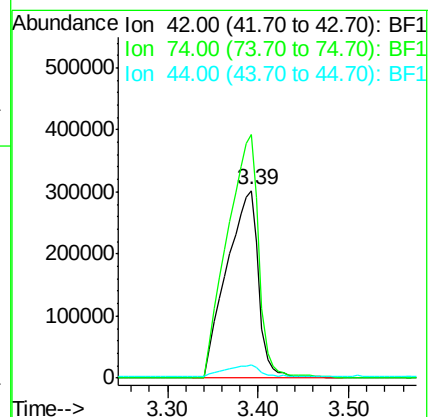
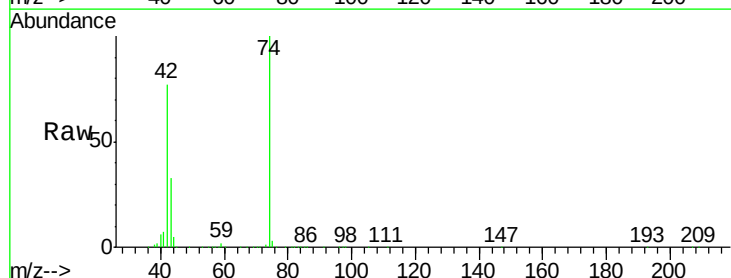
Tgt Ion: 42 Resp: 739832

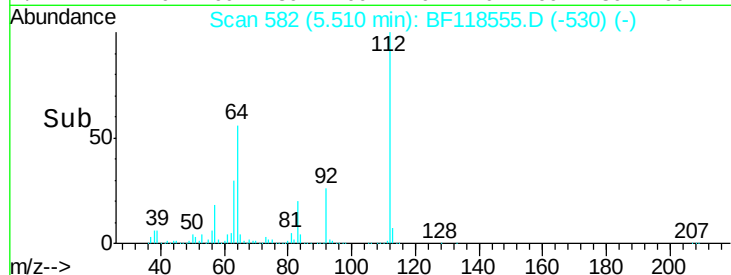
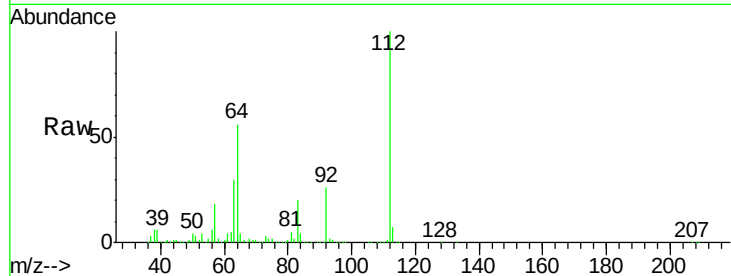
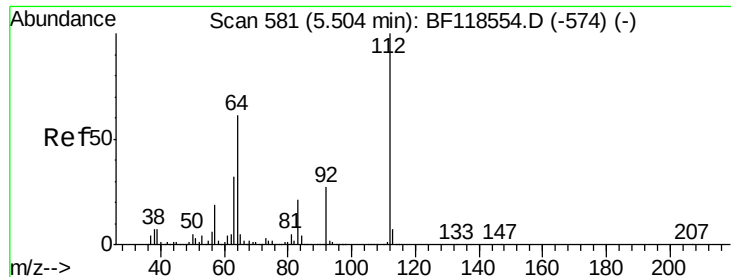
Ion Ratio Lower Upper

42 100

74 129.6 103.1 154.7

44 6.8 5.4 8.2





#5

2-Fluorophenol

Concen: 96.028 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Tot Ion:	112	Resp:	2427917
Ion	Ratio	Lower	Upper
112	100		
64	56.2	49.1	73.7
63	30.2	25.8	38.8

Instrument :

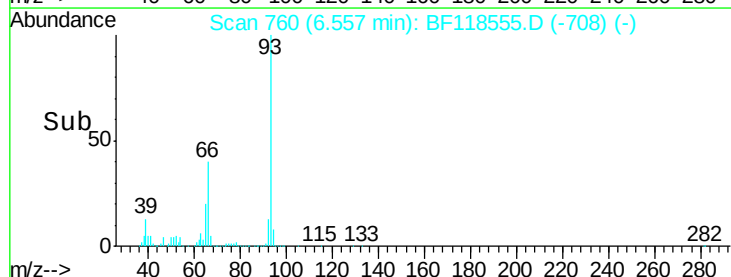
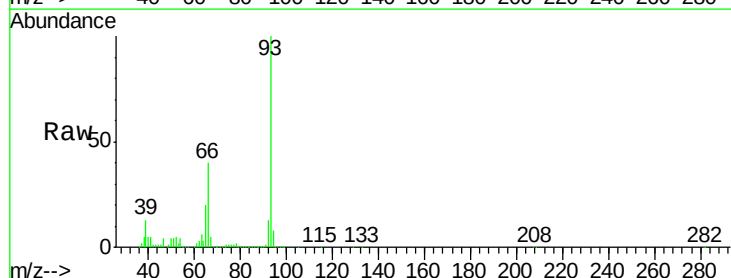
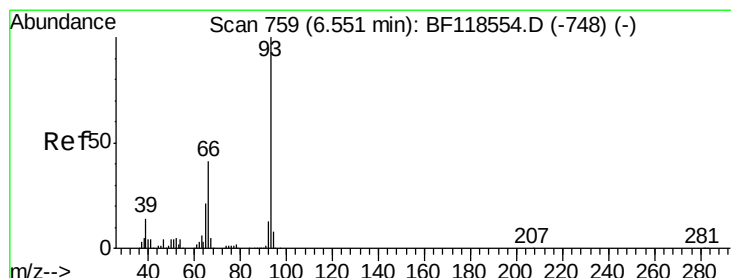
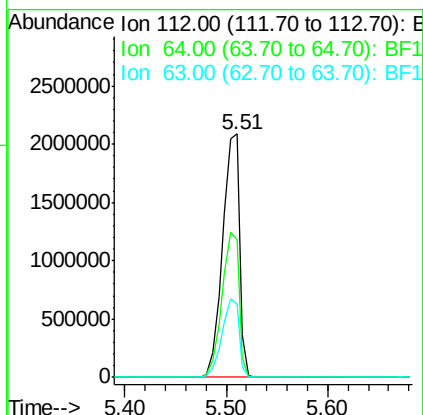
BNA_F

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#6

Aniline

Concen: 57.207 ng

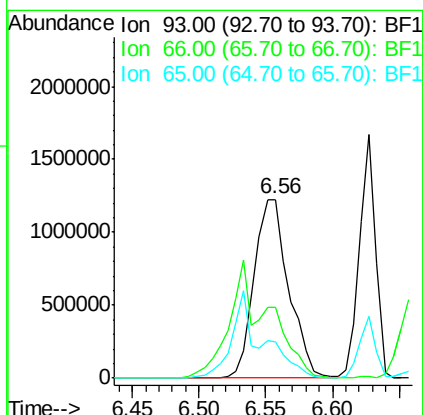
RT: 6.56 min Scan# 760

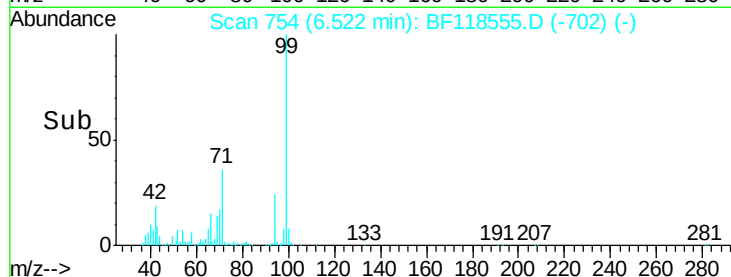
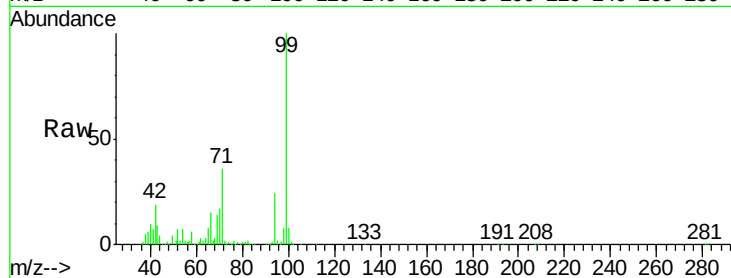
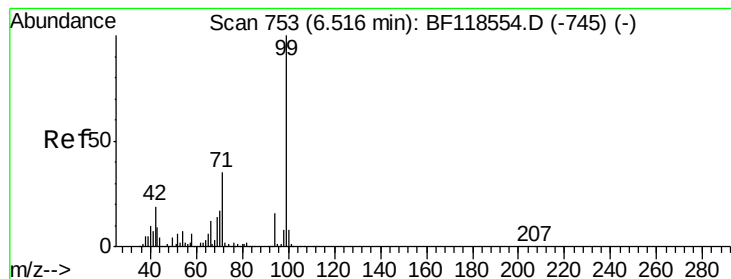
Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Tgt Ion:	93	Resp:	2195599
Ion	Ratio	Lower	Upper
93	100		
66	39.9	32.9	49.3
65	20.2	16.5	24.7





#7

Phenol-d6

Concen: 104.058 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Tot Ion:	99	Resp:	3165347
Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.9	22.3
71	36.1	28.3	42.5

Instrument :

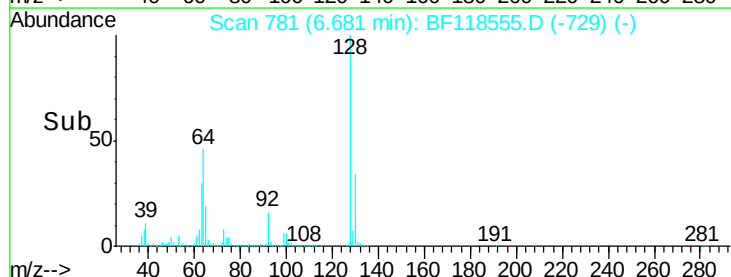
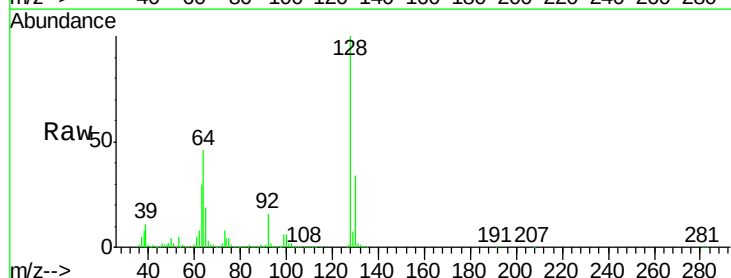
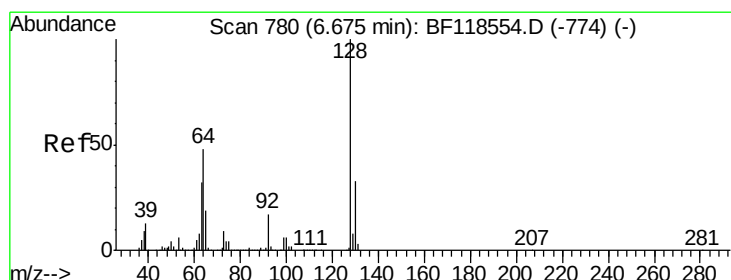
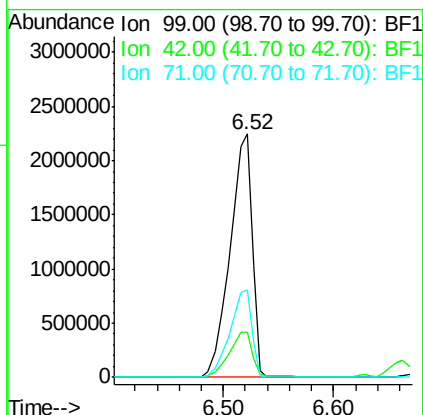
BNA_F

ClientSampleId :

SSTDIC050

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#8

2-Chlorophenol

Concen: 49.613 ng

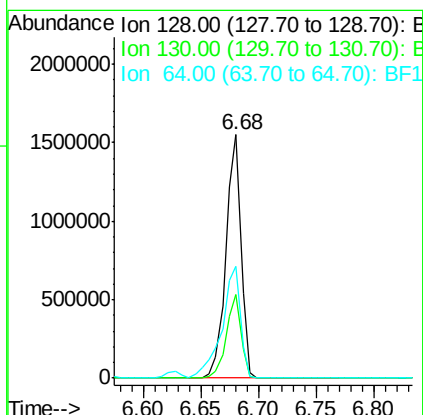
RT: 6.68 min Scan# 781

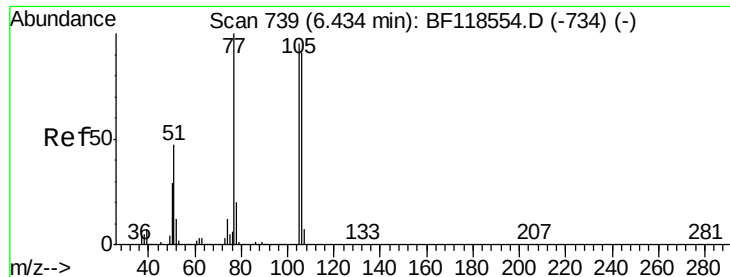
Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Tgt Ion:	128	Resp:	1406074
Ion	Ratio	Lower	Upper
128	100		
130	34.4	13.2	53.2
64	46.0	28.9	68.9





#9

Benzaldehyde

Concen: 52.897 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

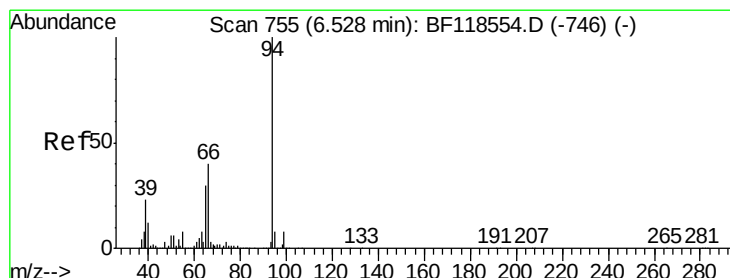
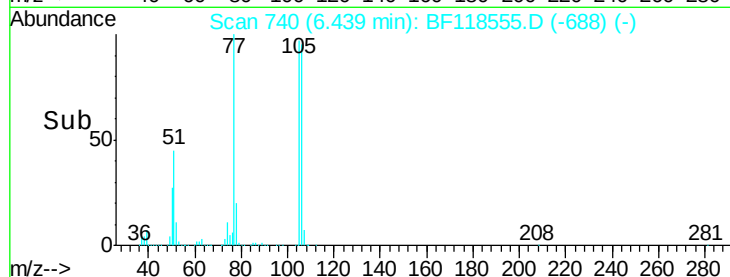
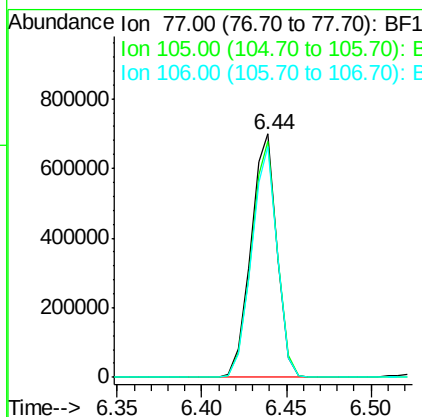
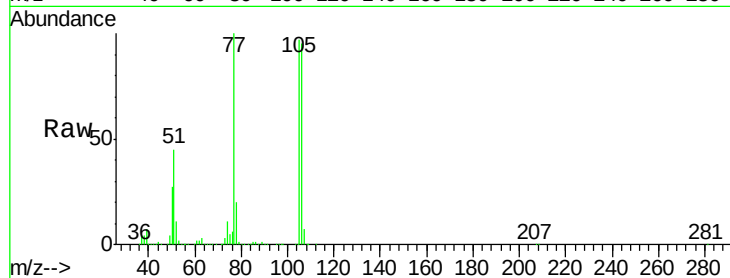
ClientSampleId :

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Tot Ion:	77	Resp:	749372
Ion Ratio	Lower	Upper	
77	100		
105	97.0	75.2	115.2
106	94.8	71.4	111.4

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#10

Phenol

Concen: 53.070 ng

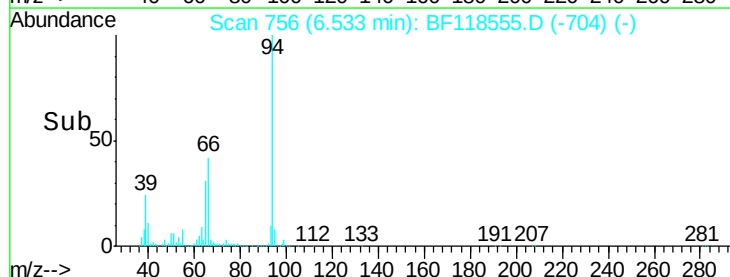
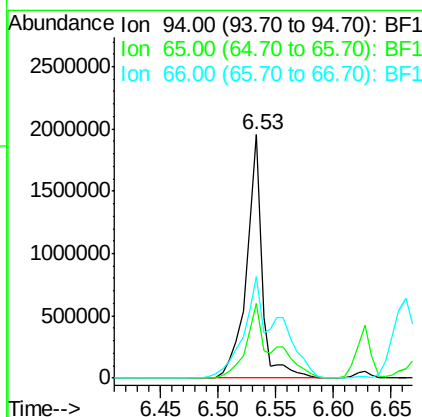
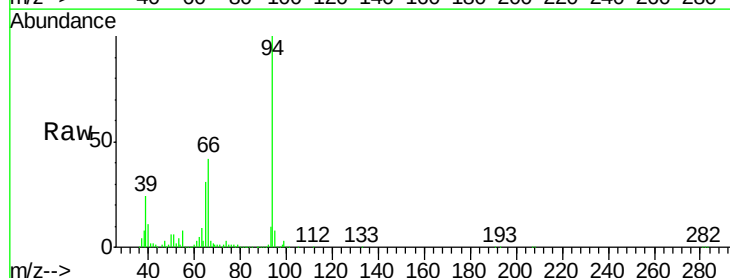
RT: 6.53 min Scan# 756

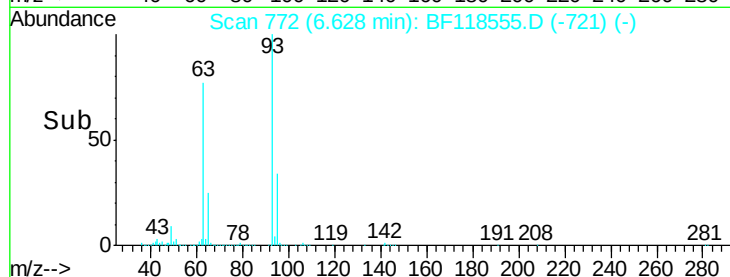
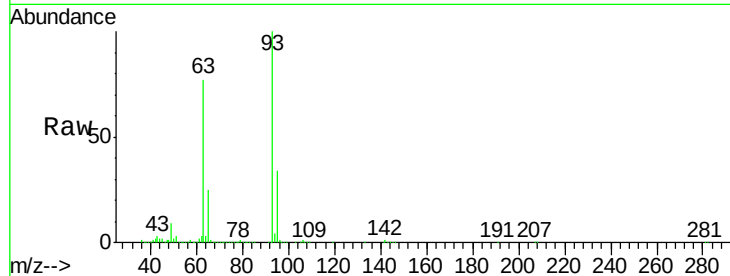
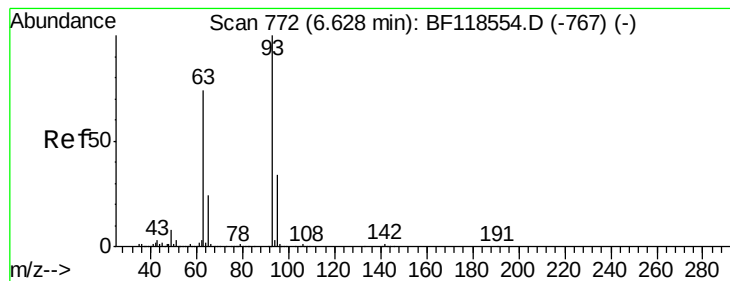
Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Tgt Ion:	94	Resp:	1815169
Ion Ratio	Lower	Upper	
94	100		
65	30.9	9.8	49.8
66	41.7	19.5	59.5





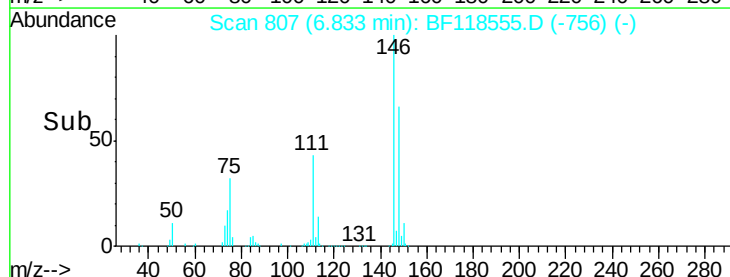
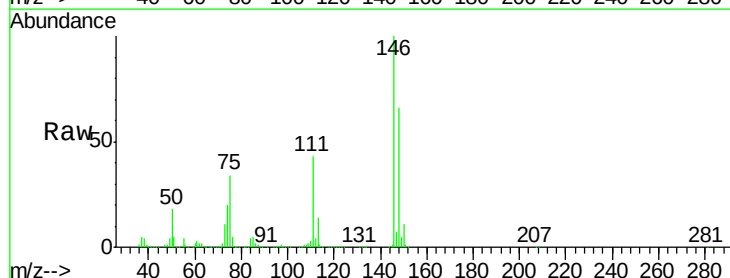
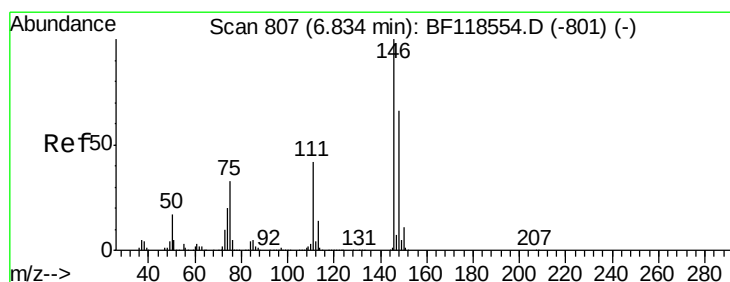
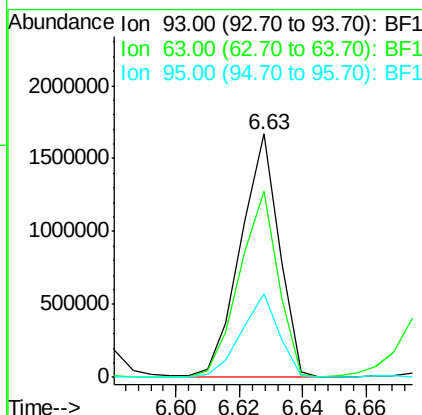
#11
bis(2-Chloroethyl)ether
Concen: 54.583 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.5	54.0	94.0
95	34.2	13.5	53.5

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

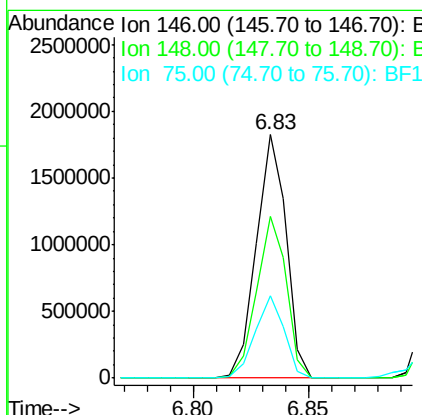
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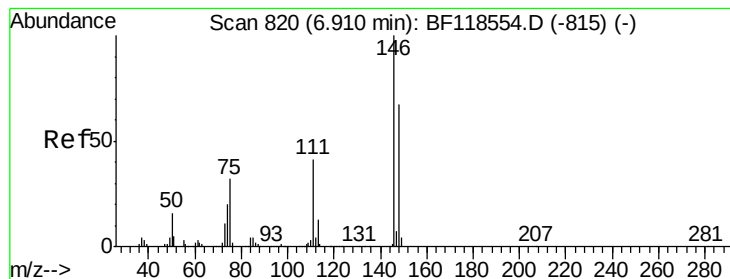
mohammad
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#12
1,3-Dichlorobenzene
Concen: 50.296 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	53.0	79.6
75	33.7	26.5	39.7





#13

1,4-Dichlorobenzene

Concen: 50.247 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:146 Resp: 1653820

Ion Ratio Lower Upper

146 100

148 66.8 53.4 80.2

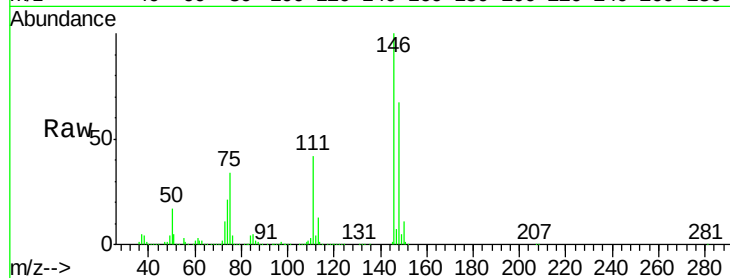
111 41.6 32.6 48.8

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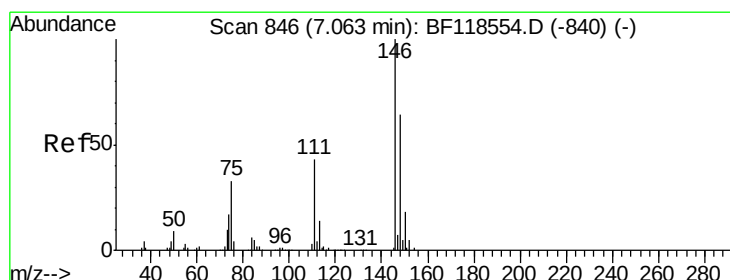
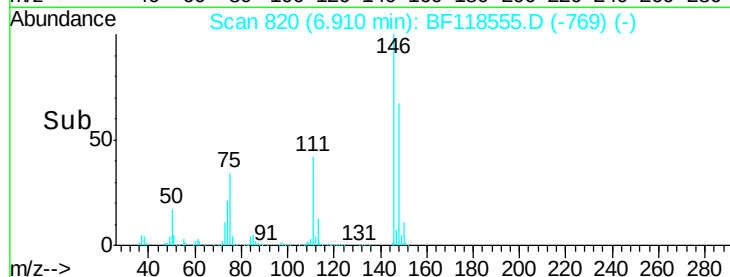
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.91

Time-->



#14

1,2-Dichlorobenzene

Concen: 51.135 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

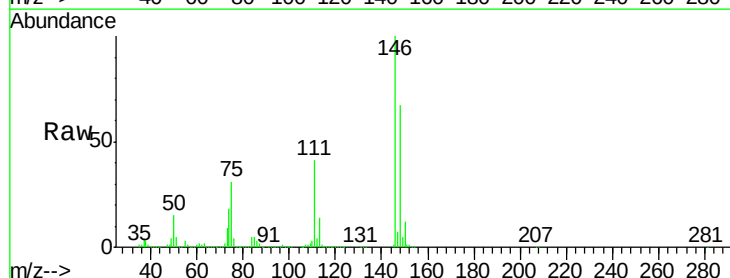
Tgt Ion:146 Resp: 1559268

Ion Ratio Lower Upper

146 100

148 66.5 51.2 76.8

111 41.4 34.6 52.0



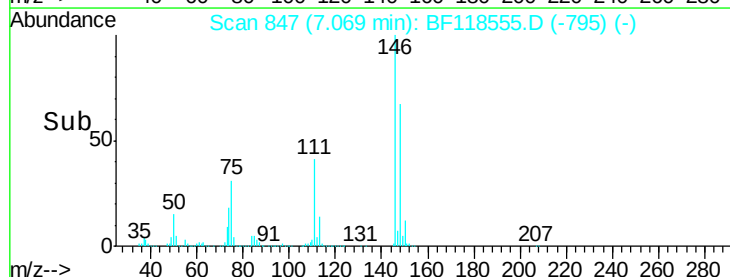
Abundance Ion 146.00 (145.70 to 146.70): E

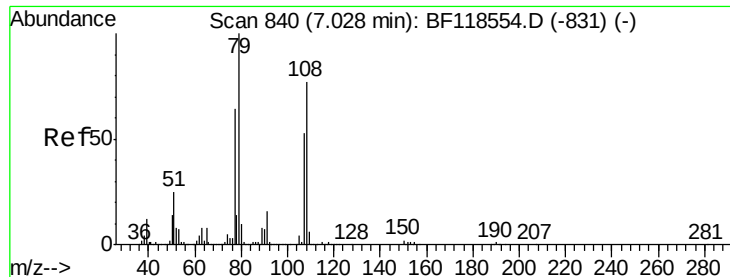
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

7.07

Time-->





#15

Benzyl Alcohol

Concen: 61.362 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 79 Resp: 1330364

Ion Ratio Lower Upper

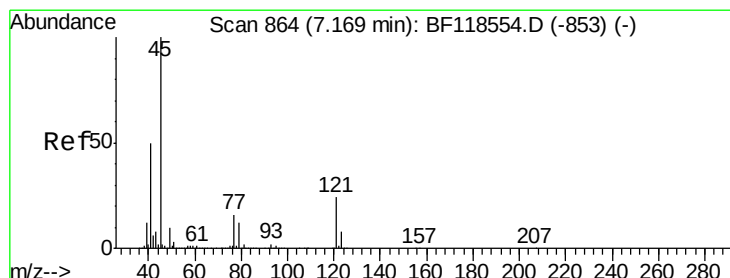
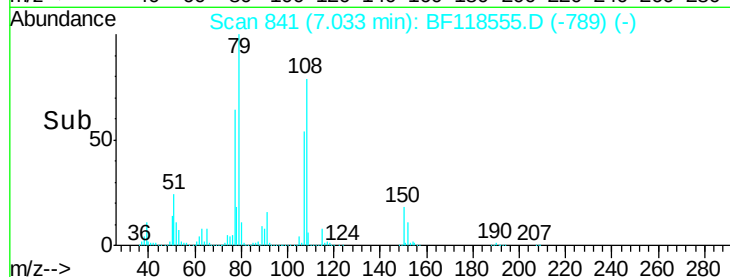
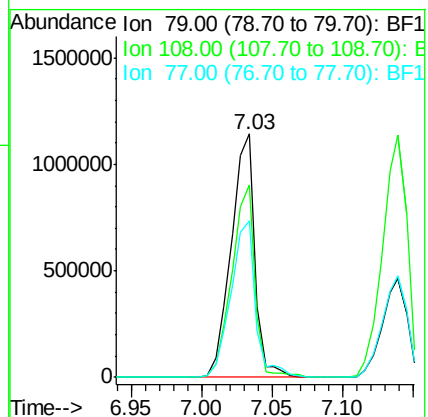
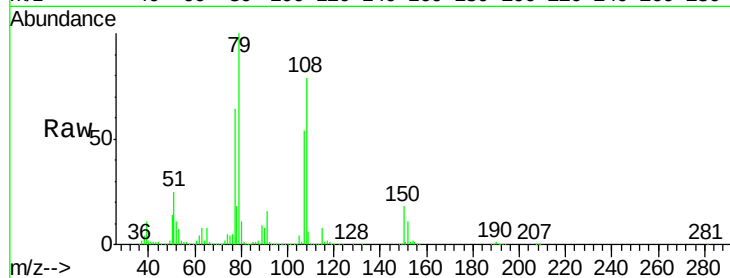
79 100

108 79.2 61.9 92.9

77 64.3 51.5 77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 77.621 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

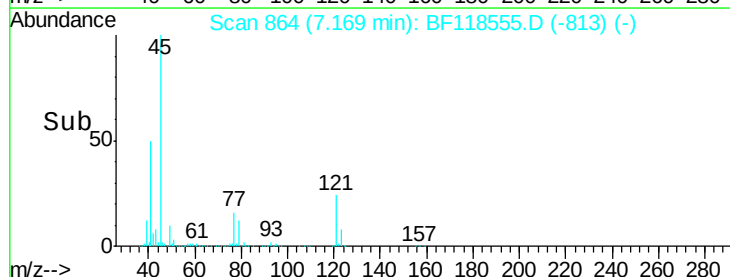
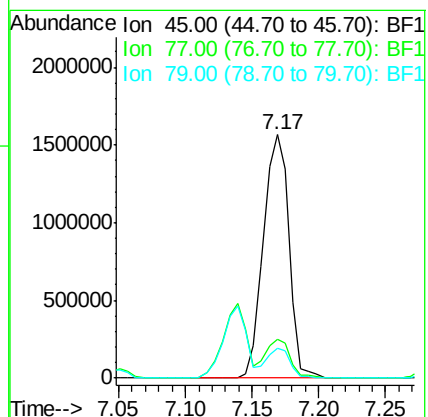
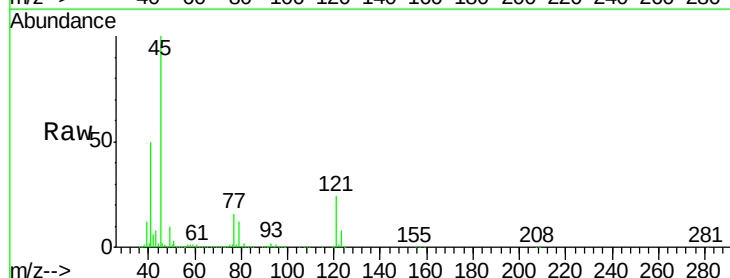
Tgt Ion: 45 Resp: 2066836

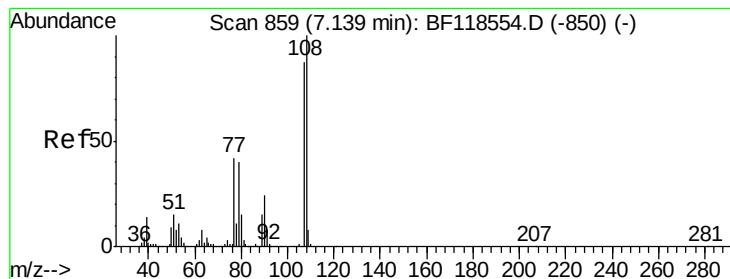
Ion Ratio Lower Upper

45 100

77 16.0 0.0 35.8

79 12.2 0.0 32.2





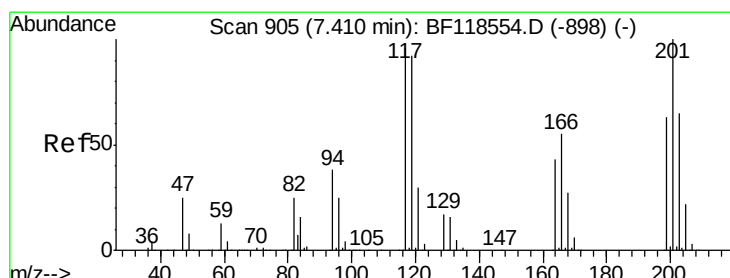
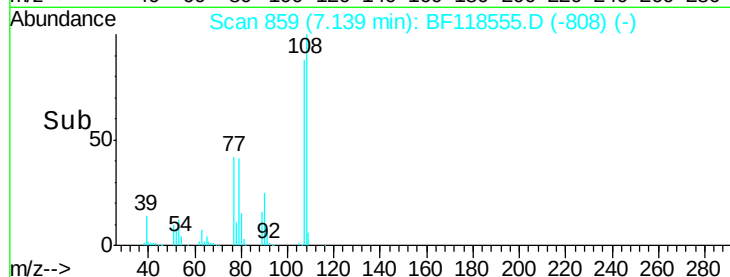
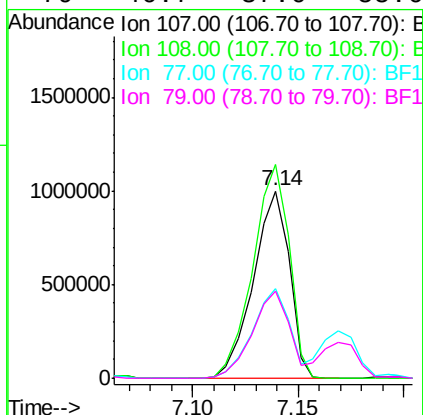
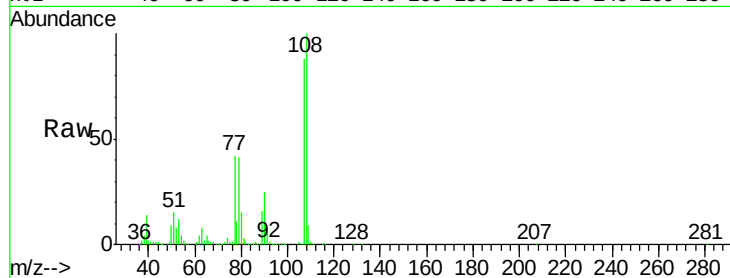
#17
2-Methylphenol
Concen: 53.576 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	107	Resp	1184784
Ion	Ratio	Lower	Upper
107	100		
108	114.1	92.3	138.5
77	47.7	38.6	57.8
79	46.7	37.0	55.6

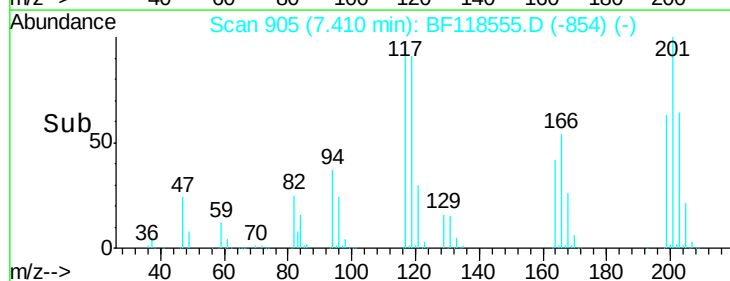
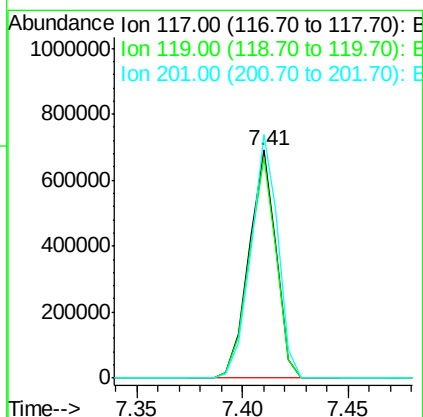
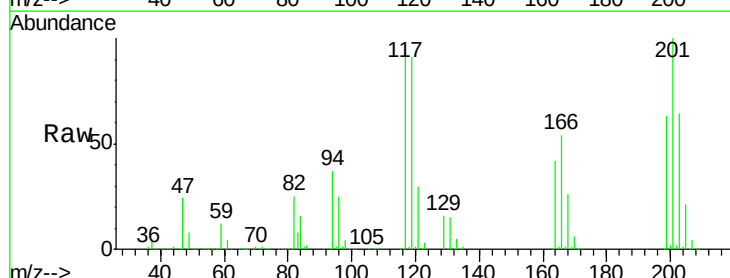
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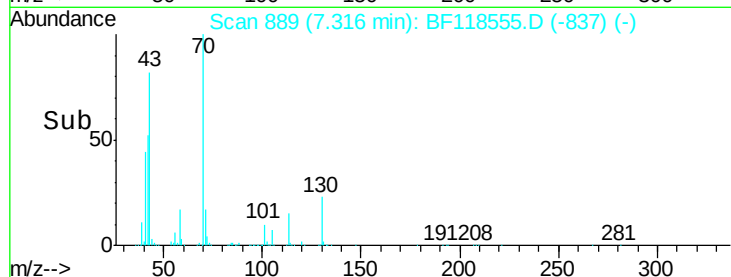
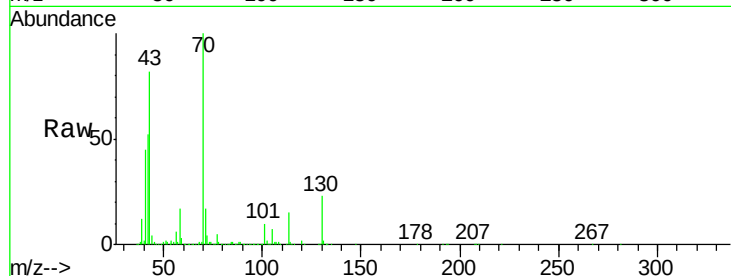
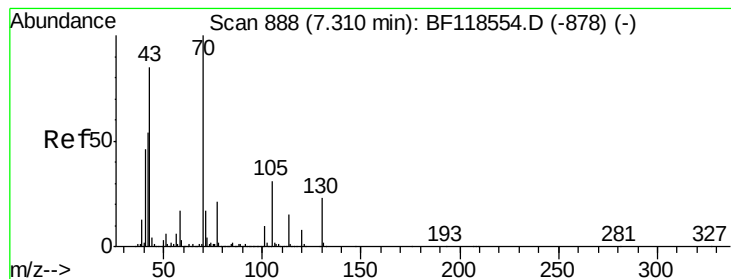
mohammad
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#18
Hexachloroethane
Concen: 52.659 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	117	Resp	615018
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.9	115.3
201	106.8	83.6	125.4





#19

n-Nitroso-di-n-propylamine

Concen: 65.915 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 70 Resp: 1159897

Ion Ratio Lower Upper

70 100

42 52.4 43.6 65.4

101 9.6 7.7 11.5

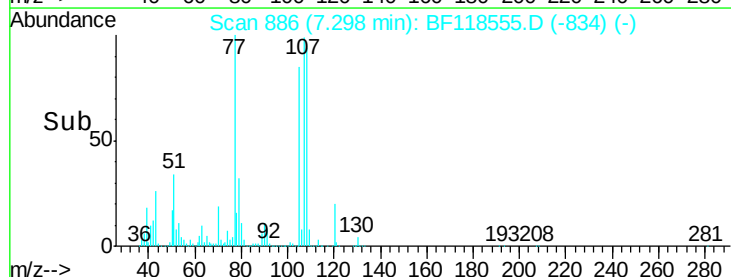
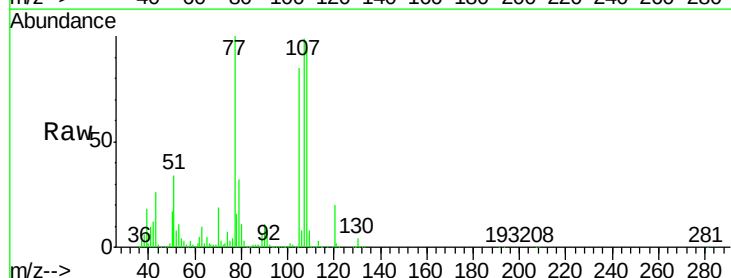
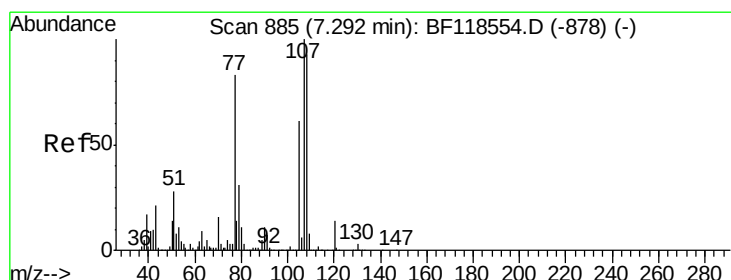
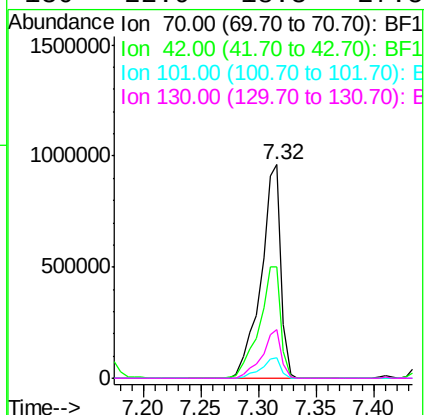
130 22.9 18.3 27.5

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#20

3+4-Methylphenols

Concen: 49.384 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Tgt Ion: 107 Resp: 1421767

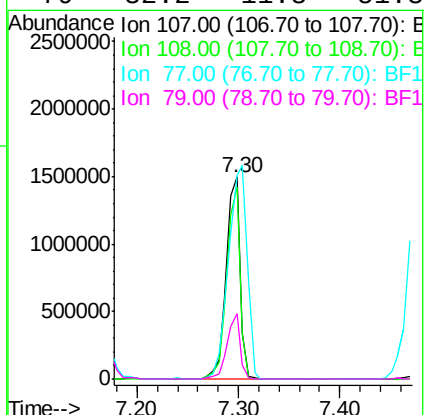
Ion Ratio Lower Upper

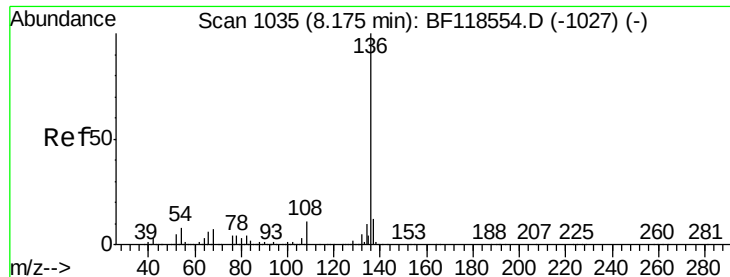
107 100

108 95.3 72.6 112.6

77 101.2 63.0 103.0

79 32.2 11.3 51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:136 Resp: 1569865

Ion Ratio Lower Upper

136 100

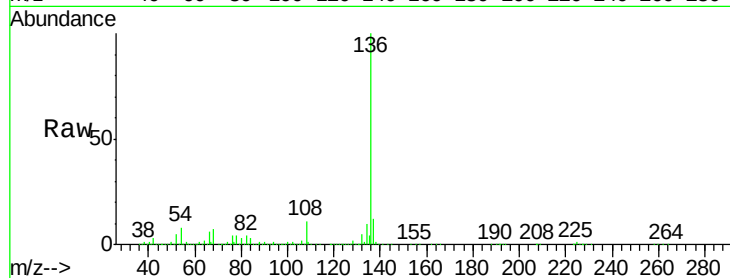
137 11.6 9.4 14.0

54 7.7 6.2 9.2

68 6.6 5.4 8.0

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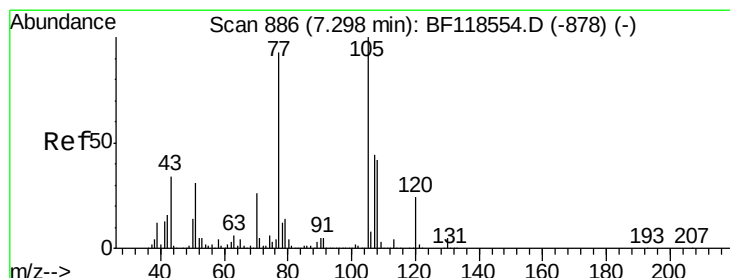
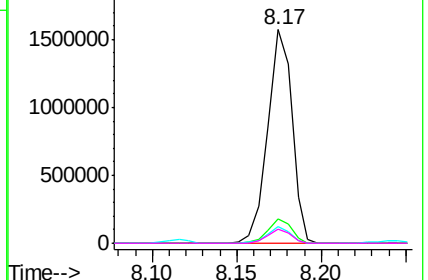
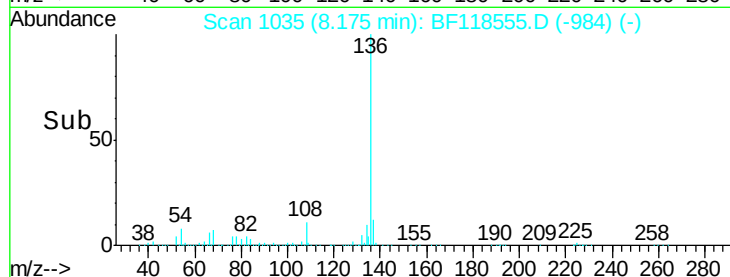


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 54.706 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Tgt Ion:105 Resp: 1992365

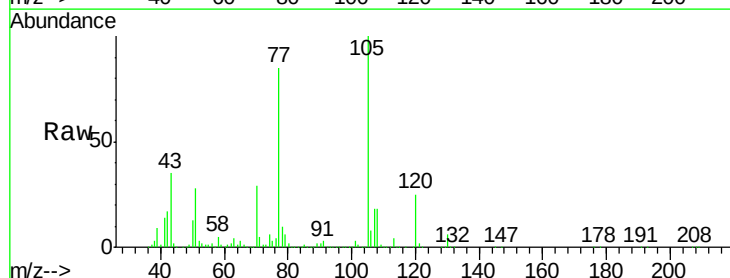
Ion Ratio Lower Upper

105 100

71 5.0 3.8 5.6

51 27.8 24.9 37.3

120 24.6 19.2 28.8

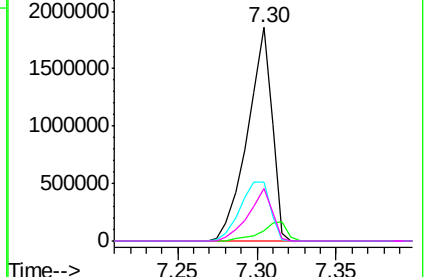
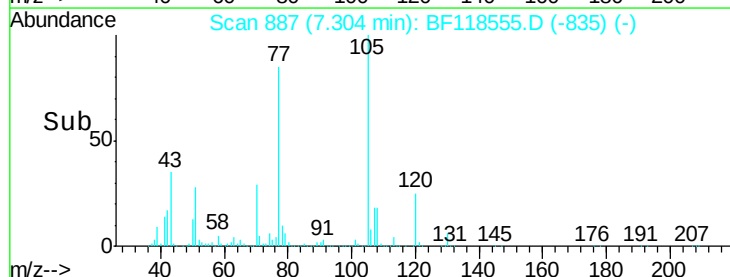


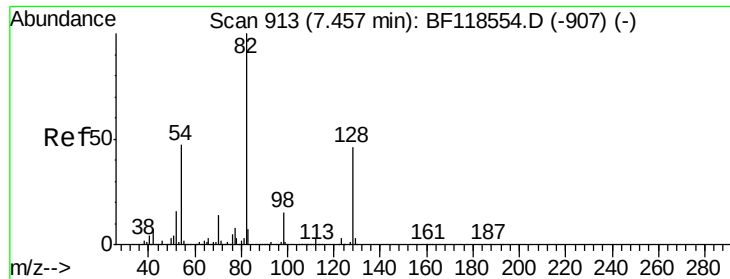
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





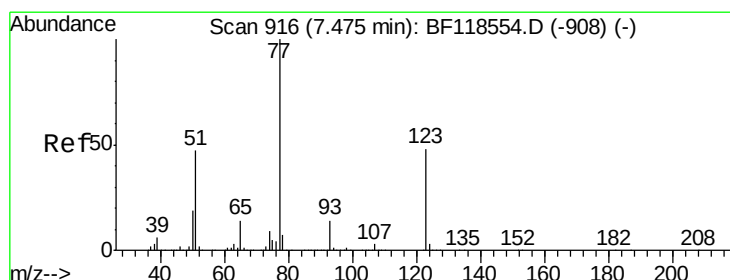
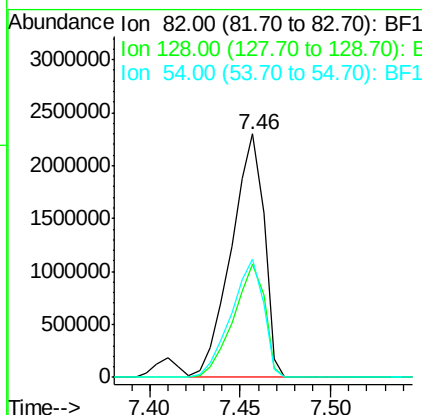
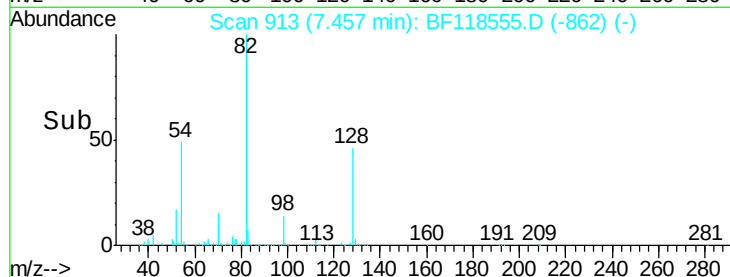
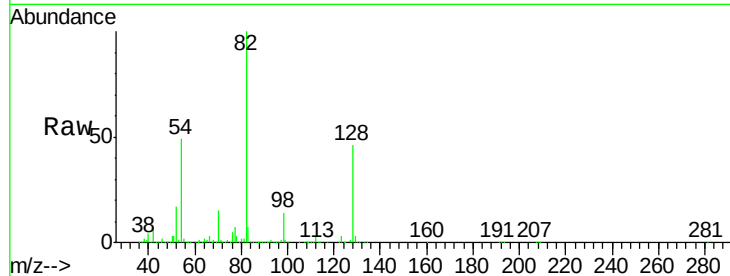
#23
Nitrobenzene-d5
Concen: 112.769 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 82 Resp: 2890924
Ion Ratio Lower Upper
82 100
128 46.3 37.0 55.4
54 48.8 37.4 56.0

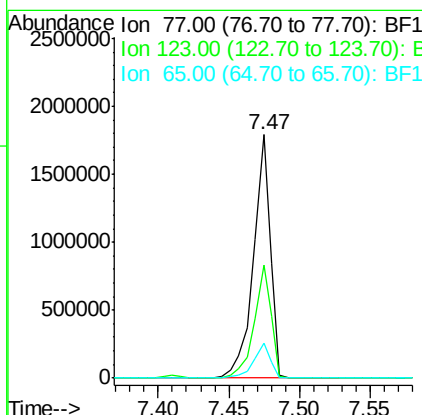
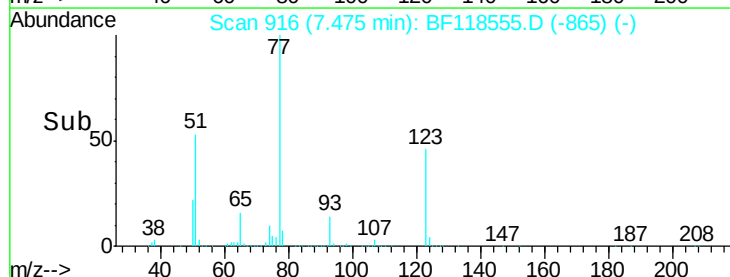
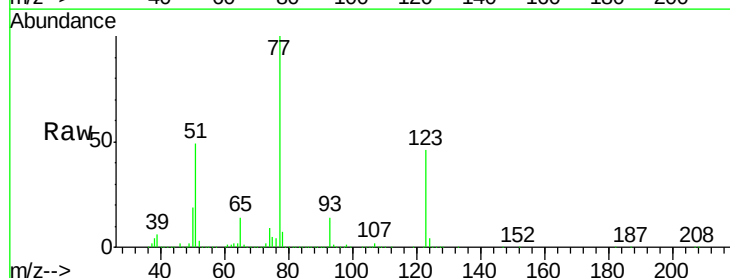
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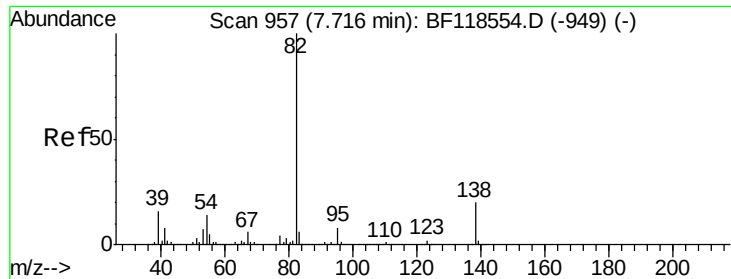
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#24
Nitrobenzene
Concen: 59.355 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion: 77 Resp: 1512442
Ion Ratio Lower Upper
77 100
123 46.4 38.2 57.2
65 14.3 11.1 16.7





#25

Isophorone

Concen: 62.031 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 82 Resp: 2865563

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

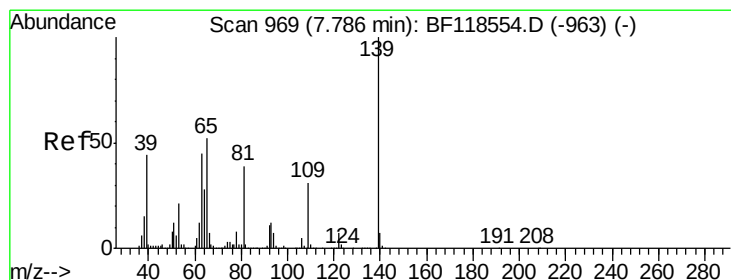
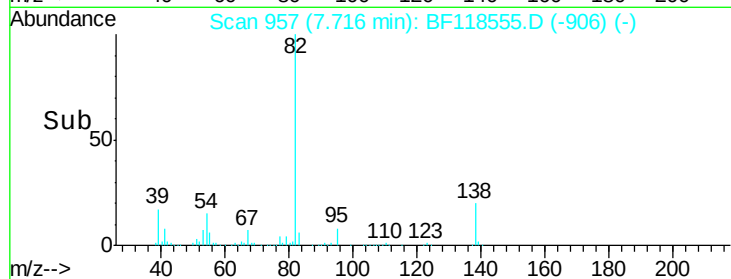
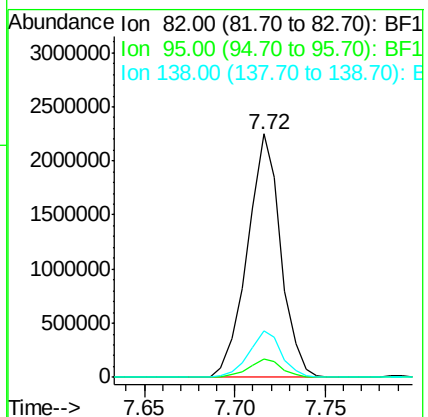
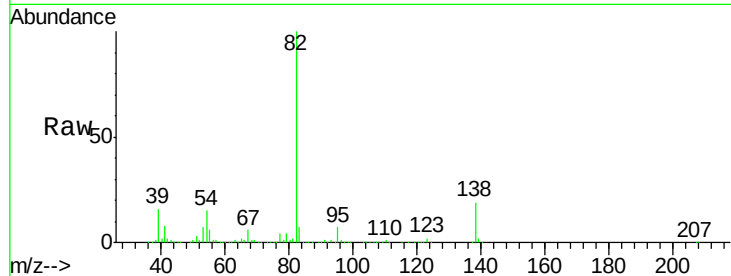
138 19.1 15.8 23.8

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#26

2-Nitrophenol

Concen: 42.052 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

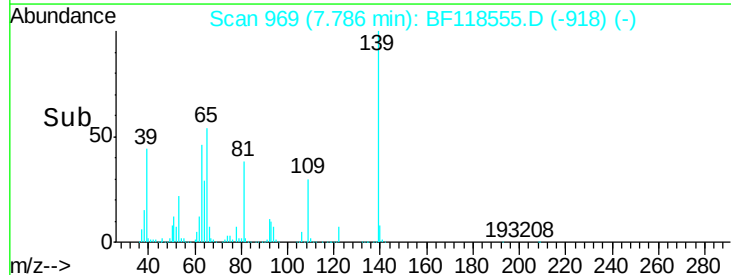
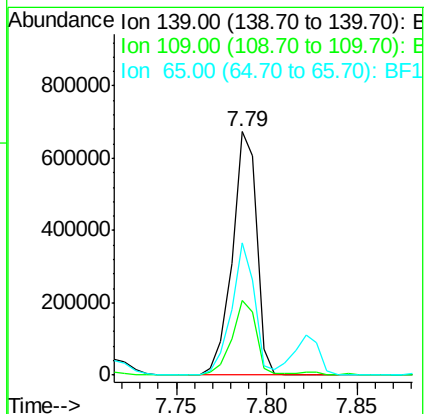
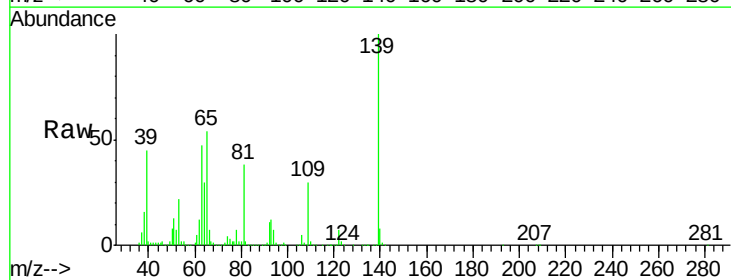
Tgt Ion: 139 Resp: 628725

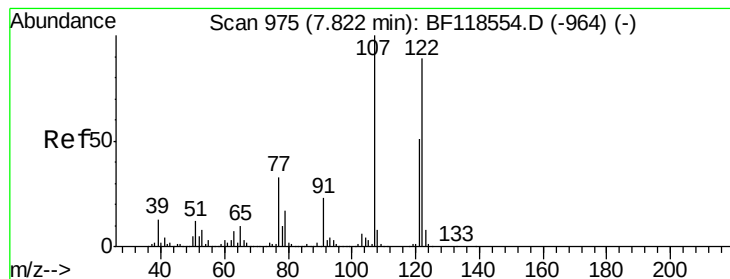
Ion Ratio Lower Upper

139 100

109 30.4 24.6 36.8

65 54.4 42.1 63.1





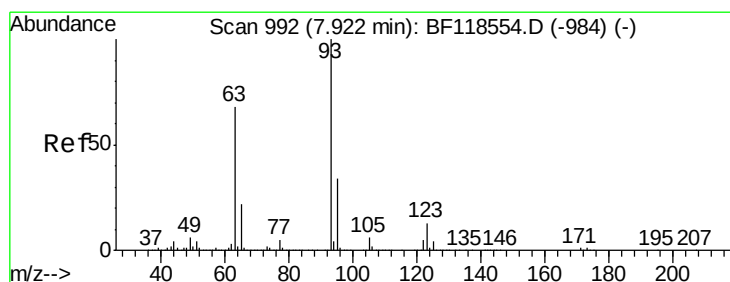
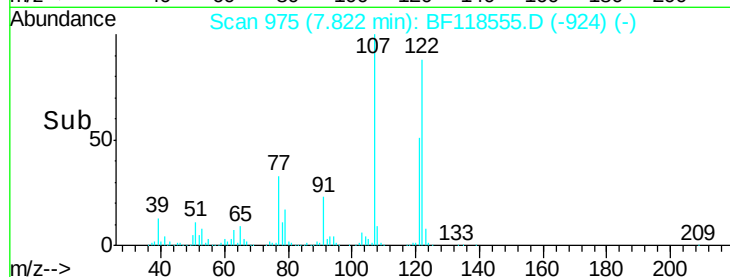
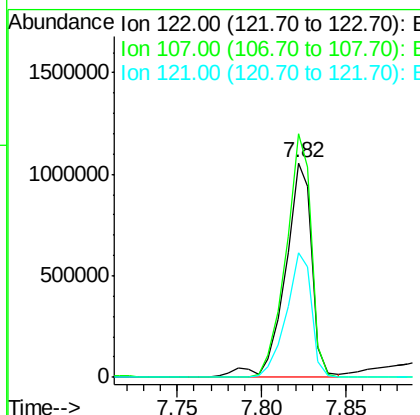
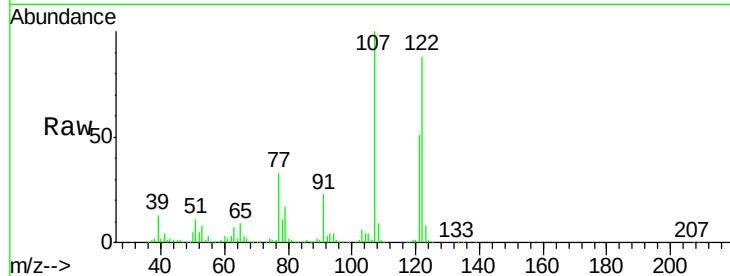
#27
 2,4-Dimethylphenol
 Concen: 58.331 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	89.6	134.4
121	58.2	45.9	68.9

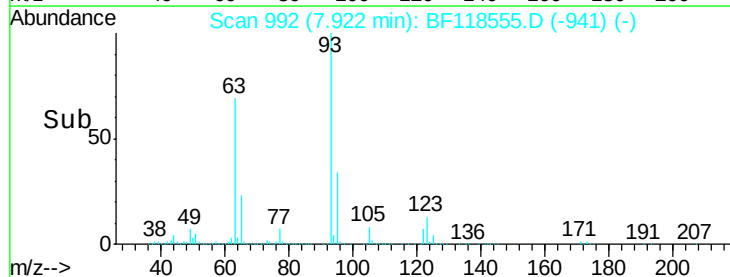
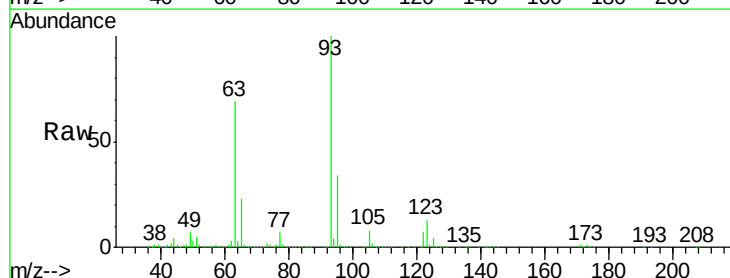
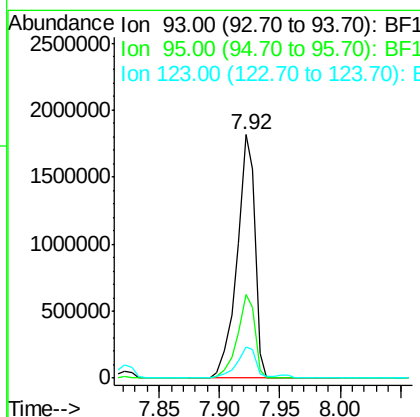
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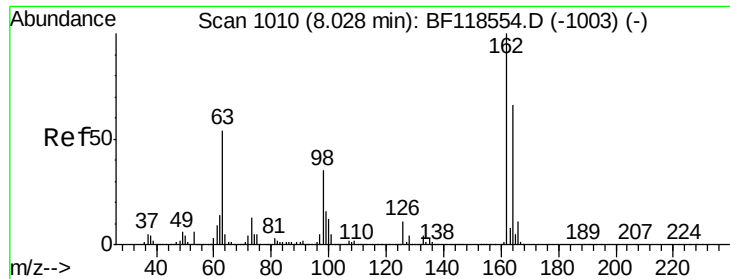
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 58.652 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	27.3	40.9
123	13.0	10.2	15.4





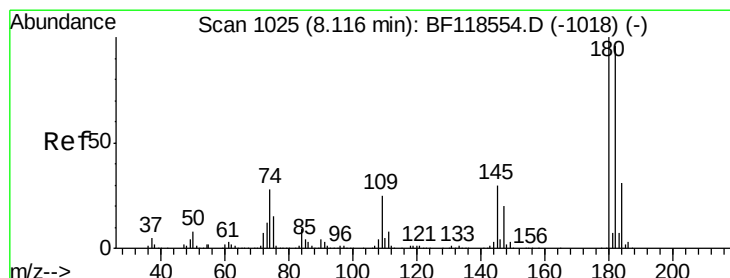
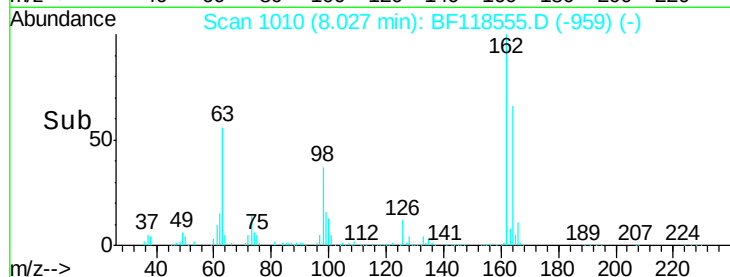
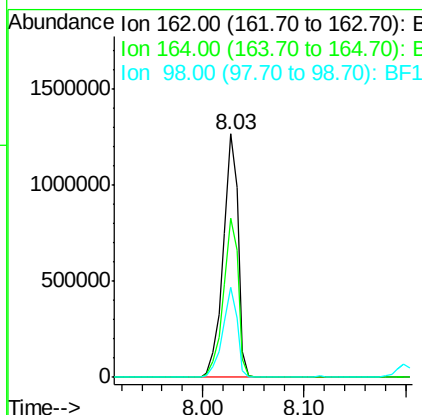
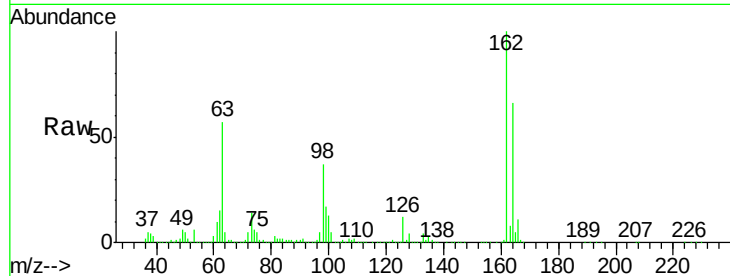
#29
2,4-Dichlorophenol
Concen: 55.725 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:162 Resp: 1293726
Ion Ratio Lower Upper
162 100
164 65.6 45.6 85.6
98 37.0 15.4 55.4

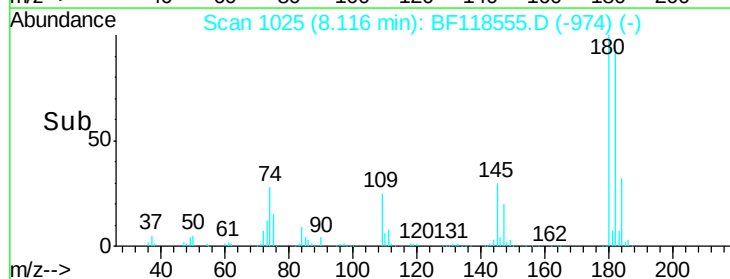
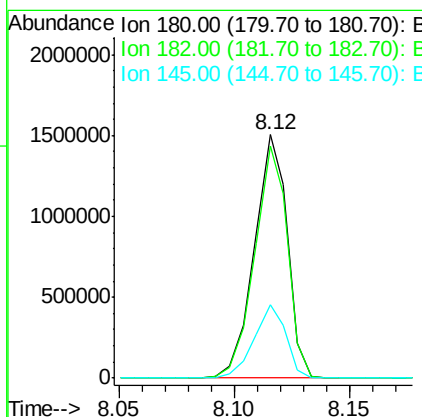
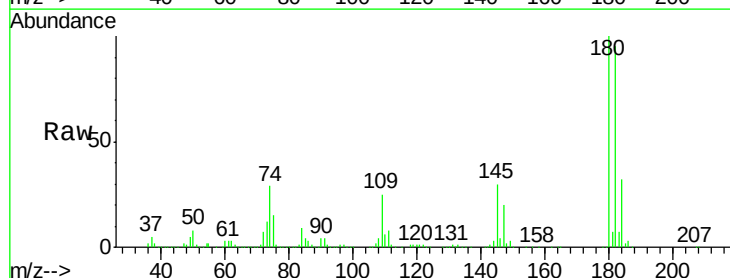
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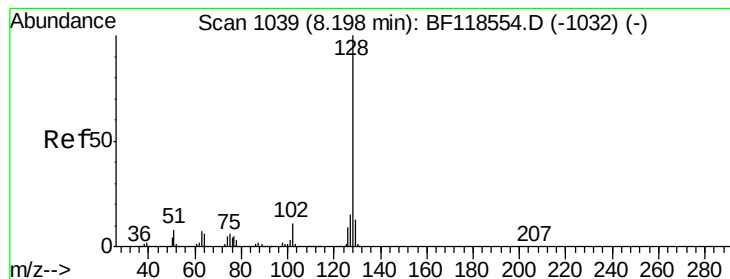
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 56.530 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion:180 Resp: 1493814
Ion Ratio Lower Upper
180 100
182 95.4 76.8 115.2
145 30.2 24.2 36.2





#31

Naphthalene

Concen: 48.921 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:128 Resp: 3852791

Ion Ratio Lower Upper

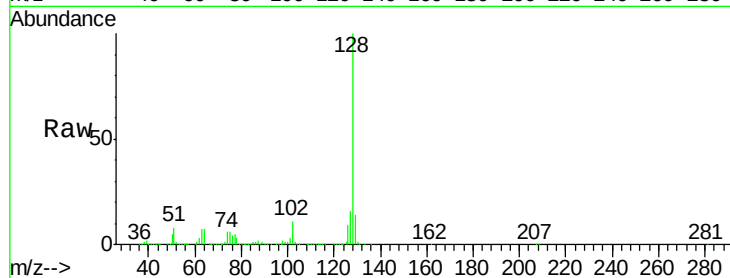
128 100

129 13.5 10.3 15.5

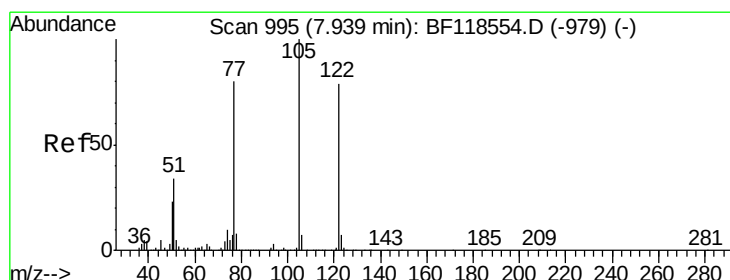
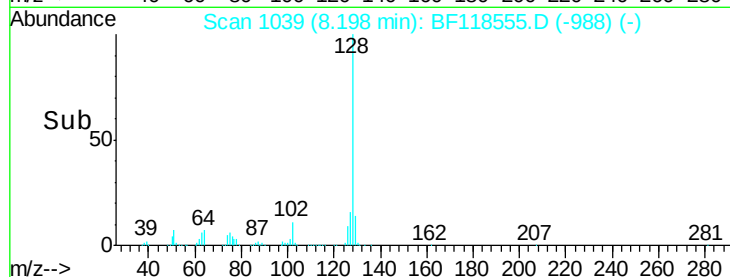
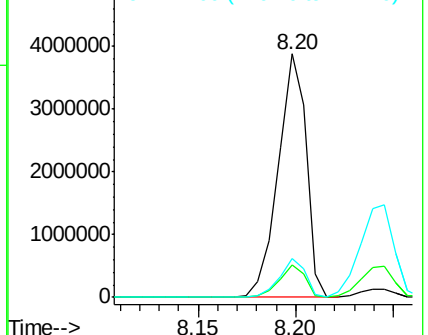
127 15.8 12.1 18.1

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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: 54.942 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

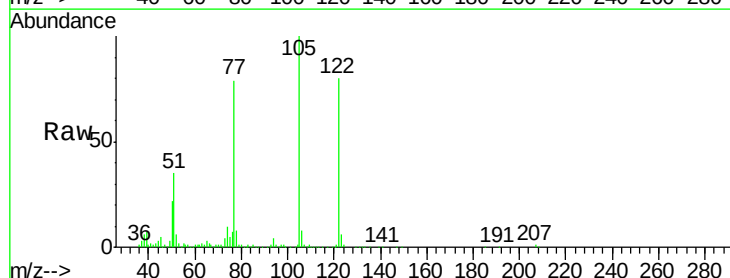
Tgt Ion:122 Resp: 791771

Ion Ratio Lower Upper

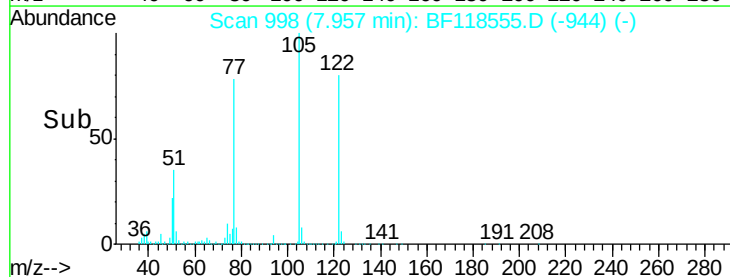
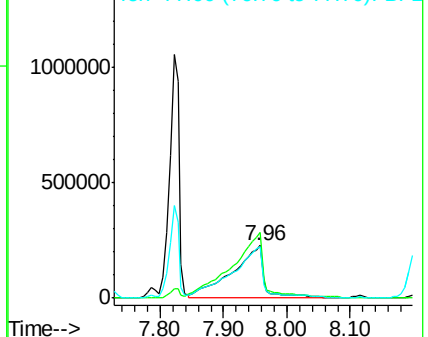
122 100

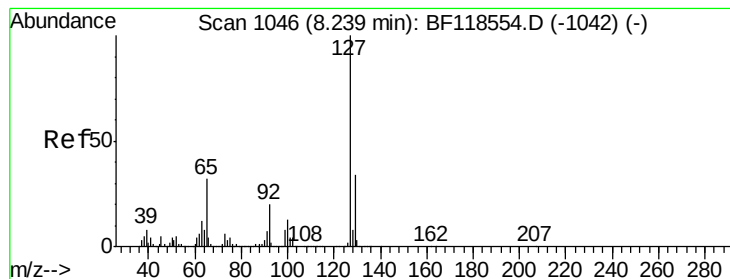
105 124.8 105.0 145.0

77 98.0 80.7 120.7



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





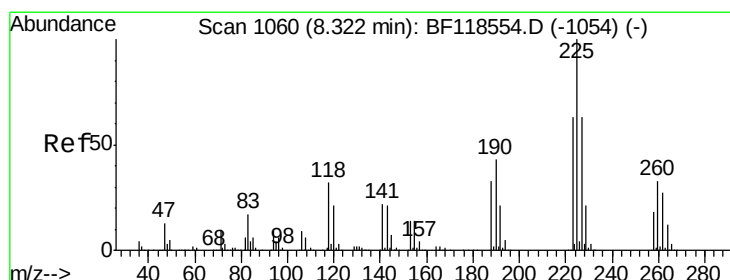
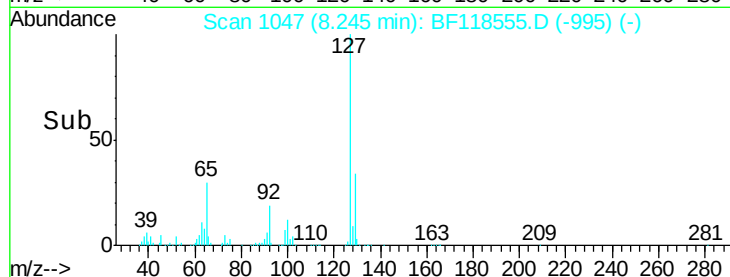
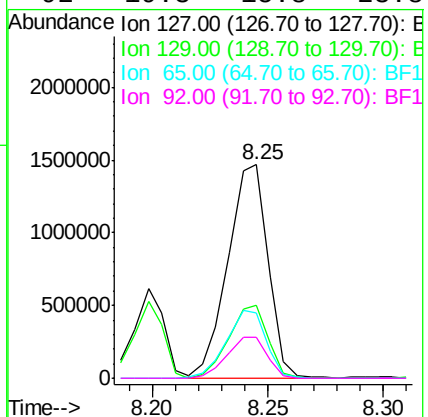
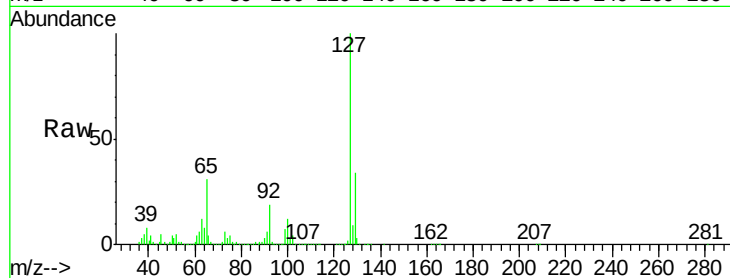
#33
4-Chloroaniline
Concen: 52.809 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		1769674		
129	33.9	27.0	40.4		
65	30.6	25.8	38.8		
92	19.3	15.8	23.8		

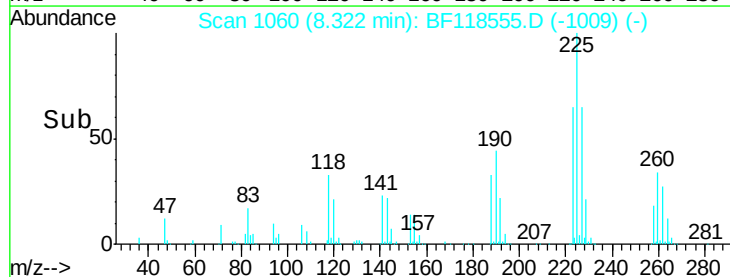
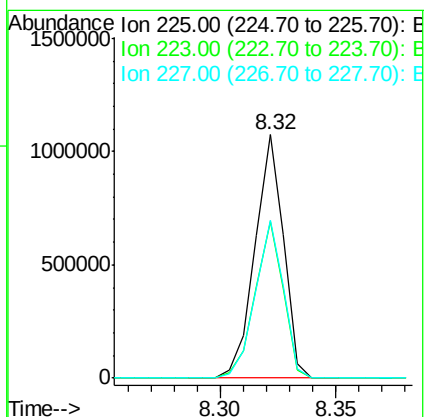
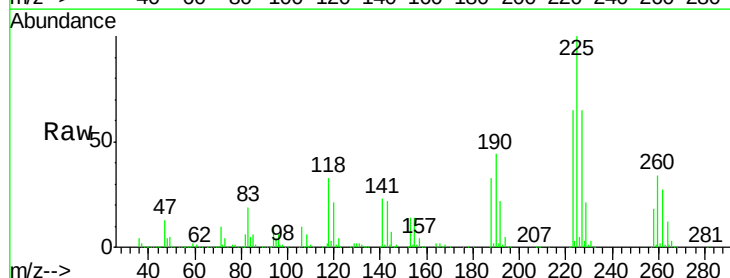
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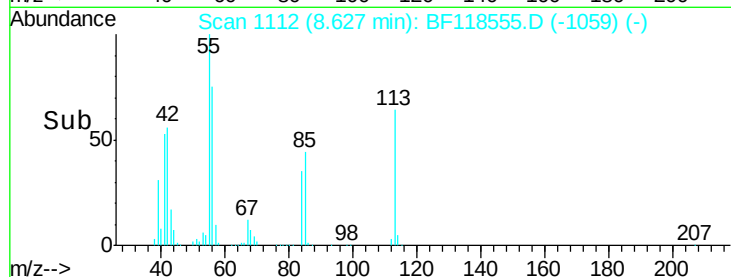
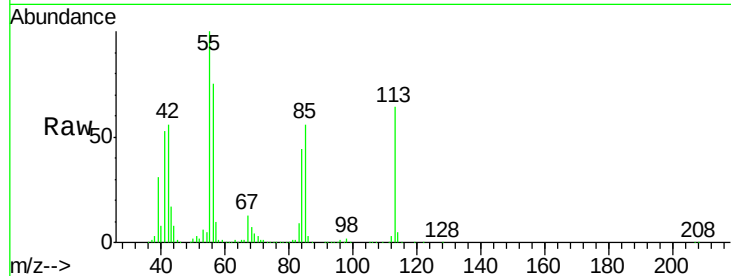
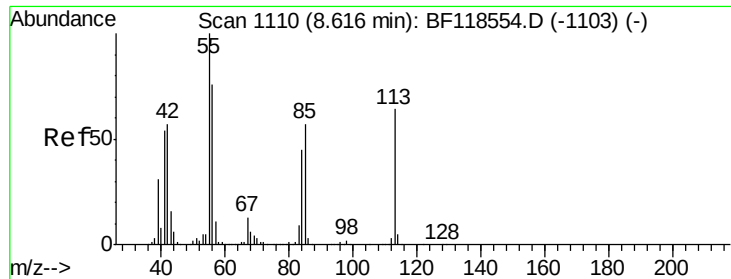
mohammad
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#34
Hexachlorobutadiene
Concen: 59.800 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		928375		
223	64.5	50.6	76.0		
227	64.8	50.4	75.6		





#35

Caprolactam

Concen: 54.512 ng/ml

RT: 8.63 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Tot Ion:	113	Resp:	390016
Ion Ratio	Lower	Upper	
113	100		
55	156.6	137.3	177.3
56	117.6	99.7	139.7

Instrument :

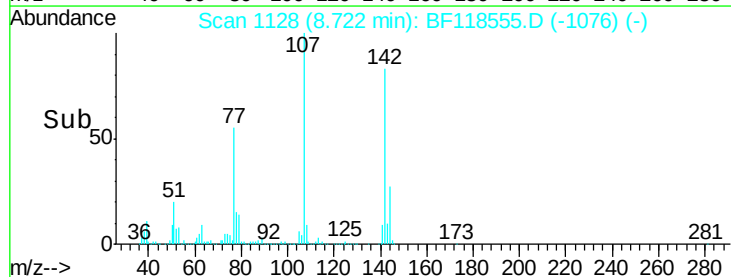
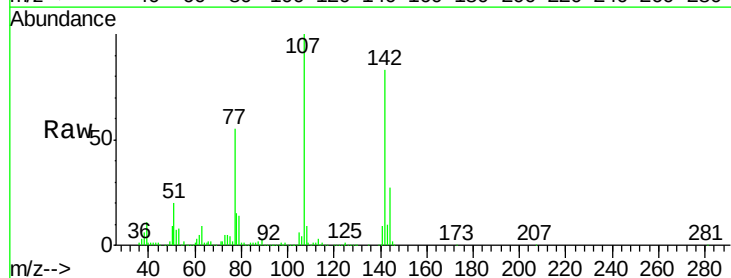
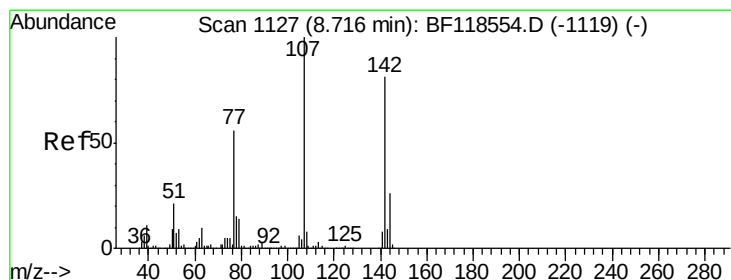
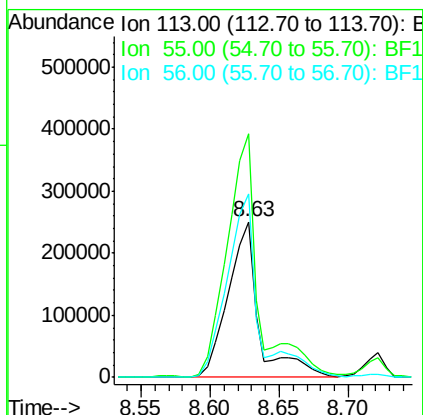
BNA_F

ClientSampleId :

SSTDICC050

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#36

4-Chloro-3-methylphenol

Concen: 52.539 ng/ml

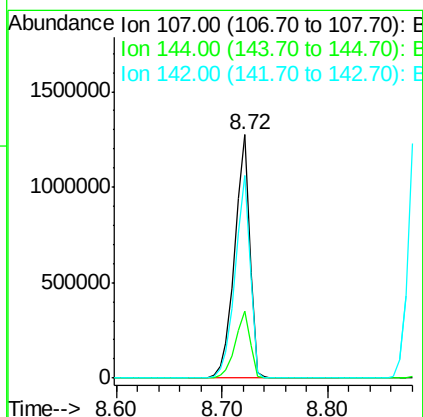
RT: 8.72 min Scan# 1128

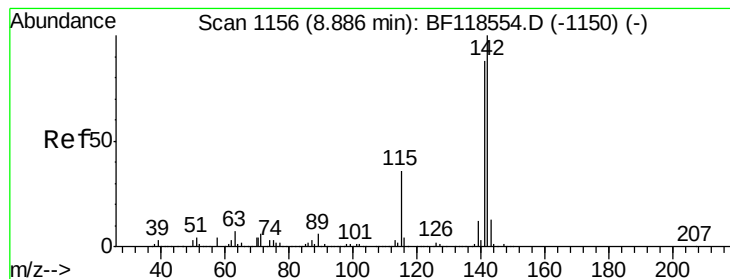
Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Tgt Ion:	107	Resp:	1258896
Ion Ratio	Lower	Upper	
107	100		
144	27.4	21.2	31.8
142	83.3	64.4	96.6





#37

2-Methylnaphthalene

Concen: 51.859 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:142 Resp: 2730237

Ion Ratio Lower Upper

142 100

141 89.5 70.6 106.0

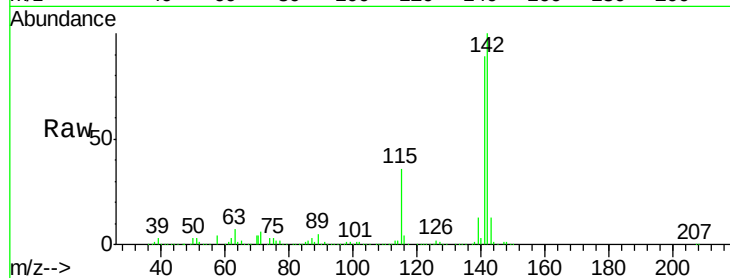
115 35.9 29.0 43.4

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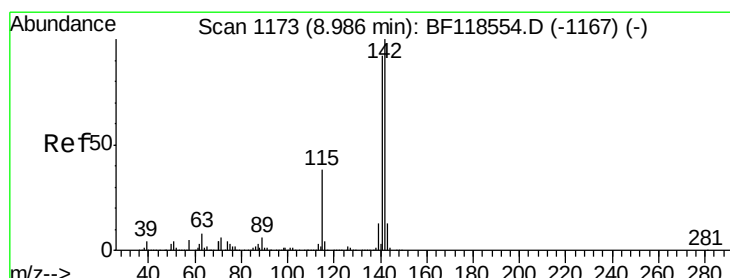
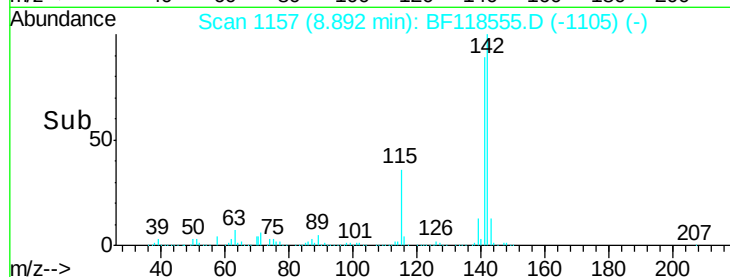
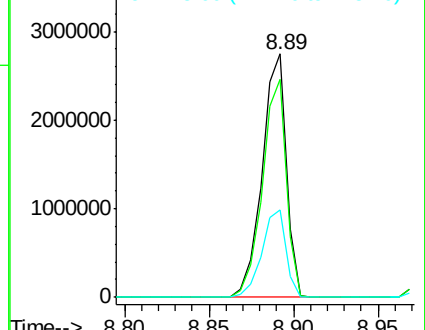
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 52.194 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

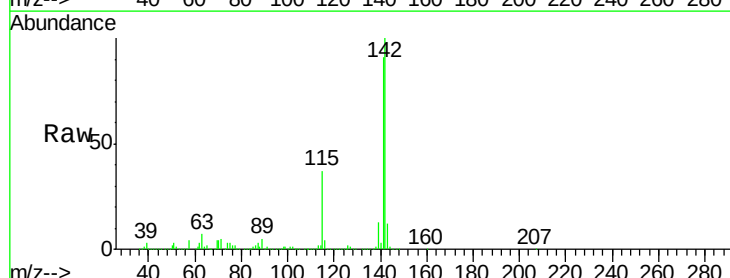
Tgt Ion:142 Resp: 2605556

Ion Ratio Lower Upper

142 100

141 90.8 73.8 110.6

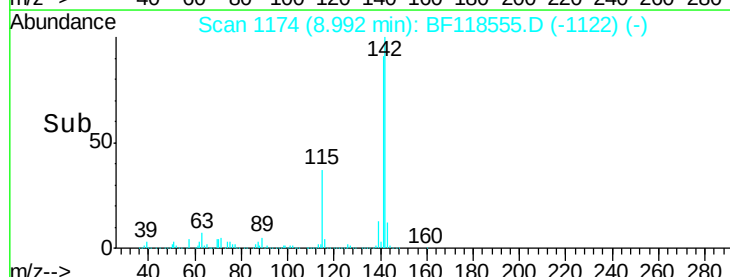
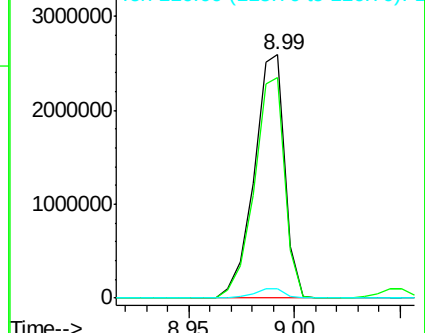
116 4.0 3.3 4.9

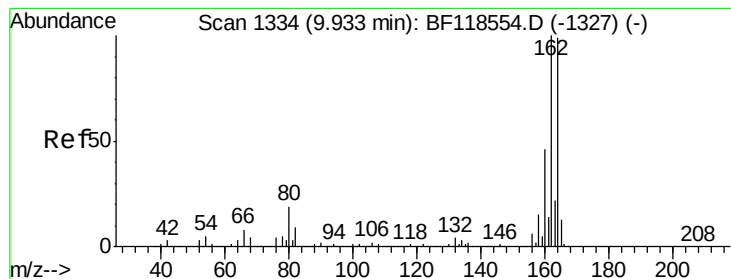


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

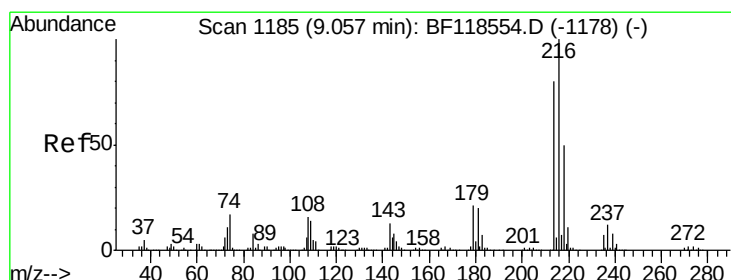
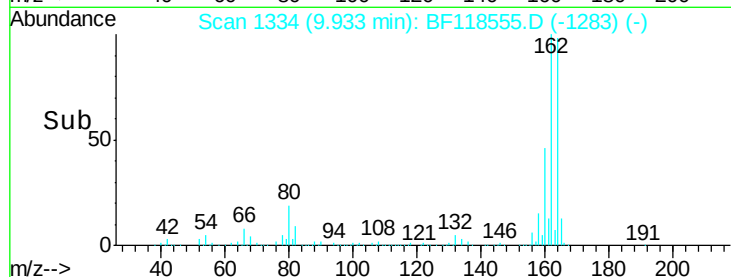
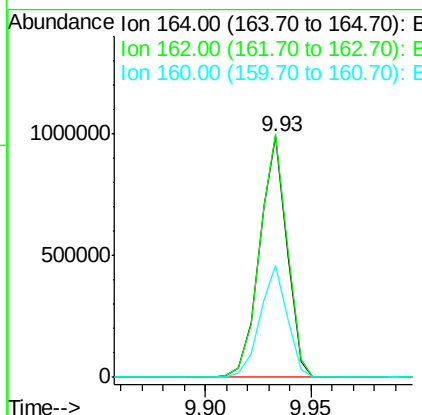
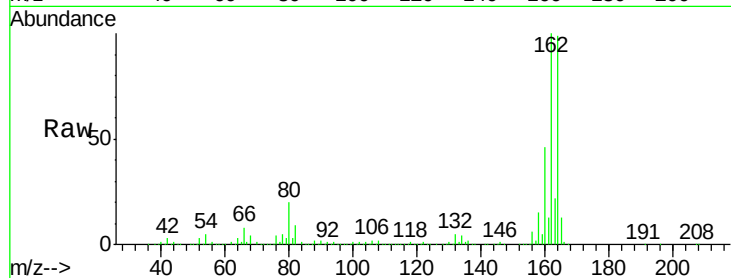
ClientSampleId :

SSTDIC050

Tot Ion:	164	Resp:	889736
Ion Ratio	Lower	Upper	
164	100		
162	101.1	80.6	120.8
160	46.4	36.7	55.1

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.347 ng

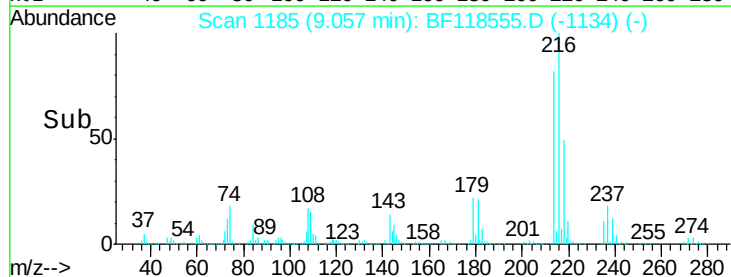
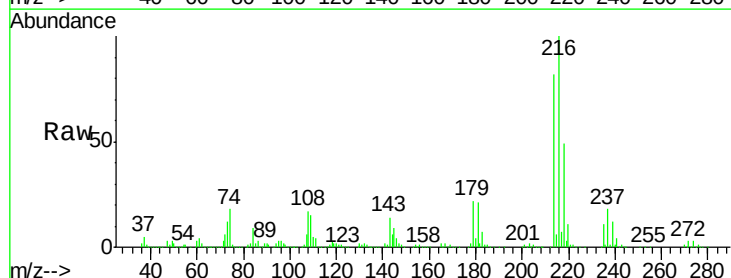
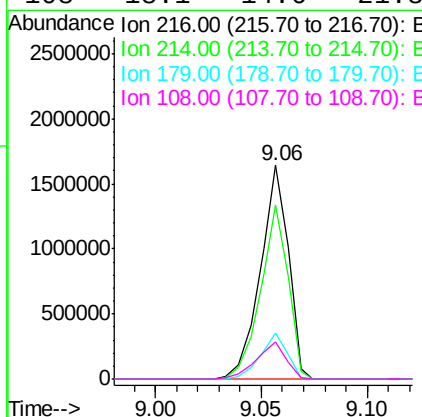
RT: 9.06 min Scan# 1185

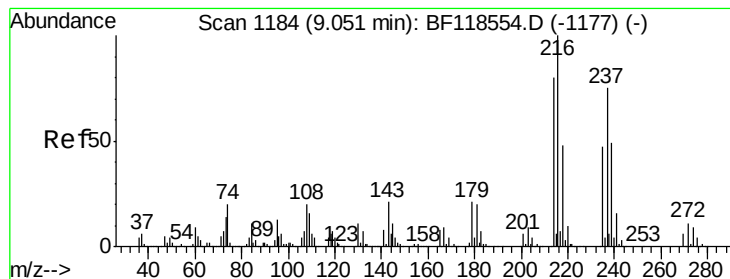
Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Tgt Ion:	216	Resp:	1510066
Ion Ratio	Lower	Upper	
216	100		
214	80.1	63.6	95.4
179	20.7	16.5	24.7
108	18.1	14.6	21.8





#41

Hexachlorocyclopentadiene

Concen: 198.644 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

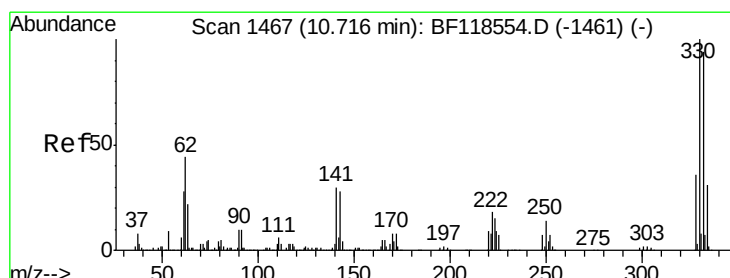
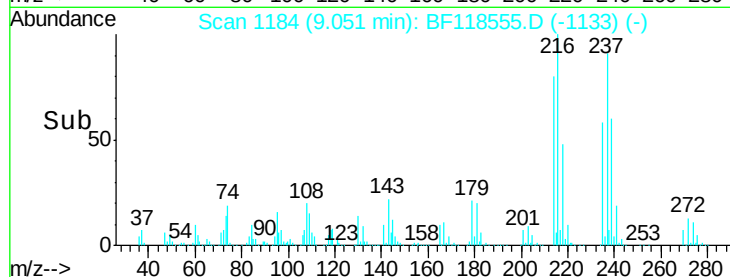
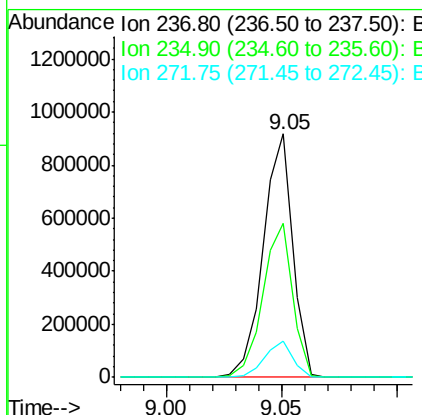
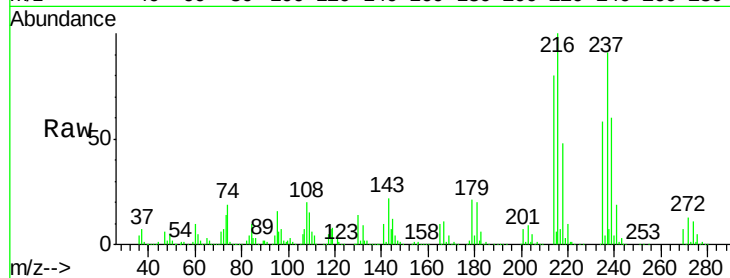
ClientSampleId :

SSTDICC050

Tot Ion:	237	Resp:	819089
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.1	82.1
272	14.8	0.0	34.3

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#42

2,4,6-Tribromophenol

Concen: 99.471 ng

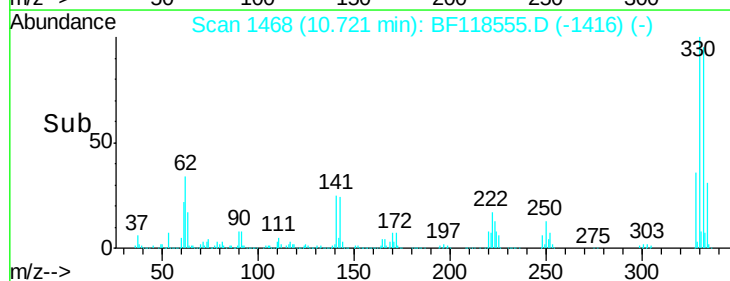
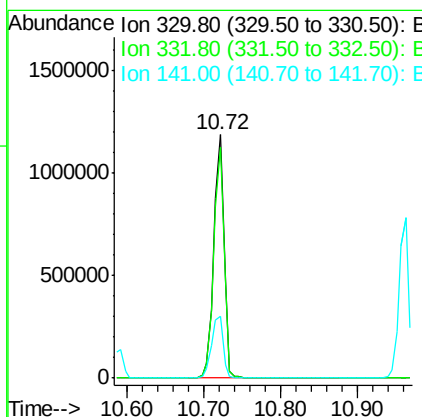
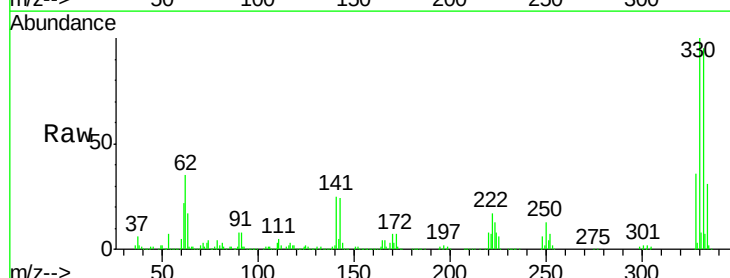
RT: 10.72 min Scan# 1468

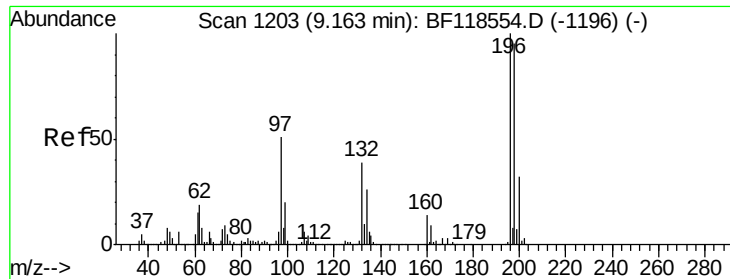
Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Tgt Ion:	330	Resp:	1073486
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.4	114.6
141	28.9	23.4	35.2





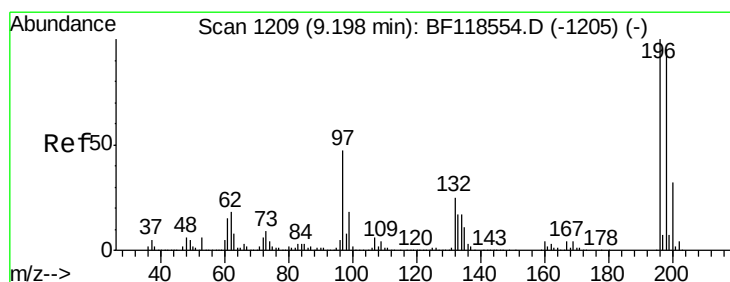
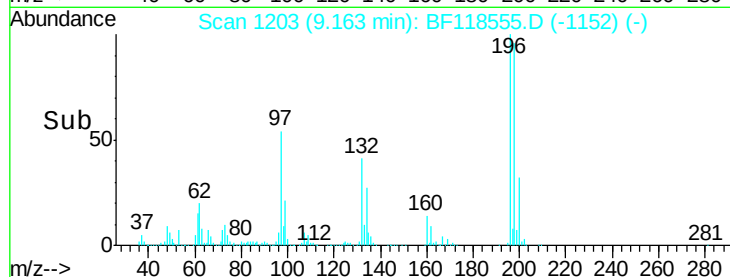
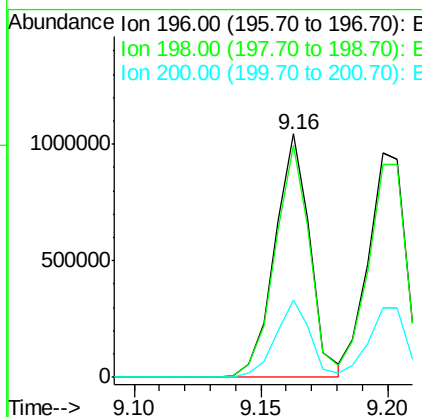
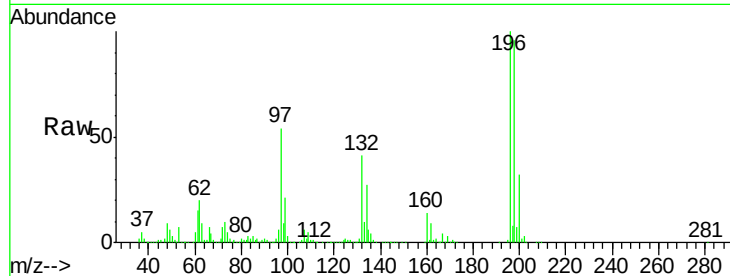
#43
2,4,6-Trichlorophenol
Concen: 57.147 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.0	114.0
200	31.5	25.4	38.0

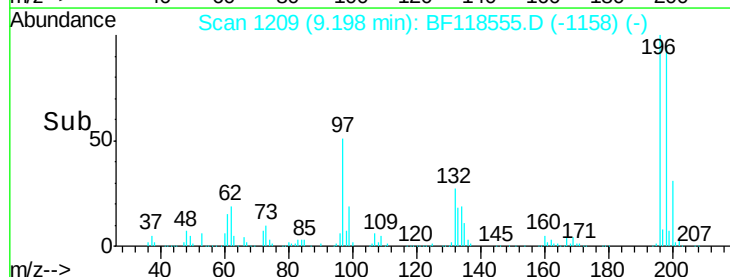
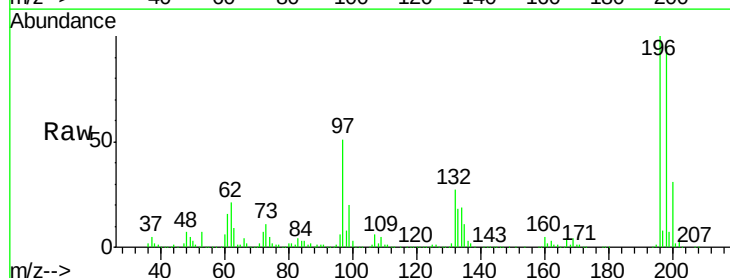
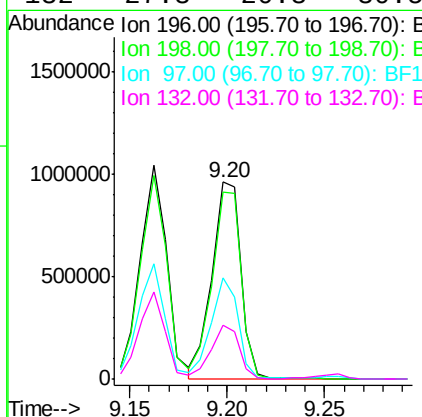
Manual Integrations
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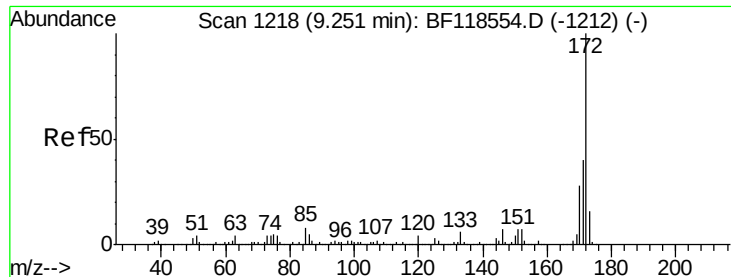
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 56.279 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.2	114.4
97	51.2	37.4	56.2
132	27.3	20.3	30.5





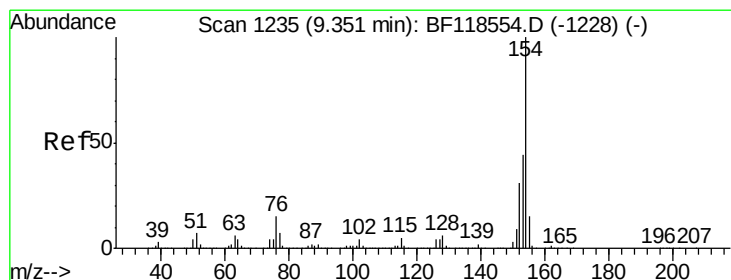
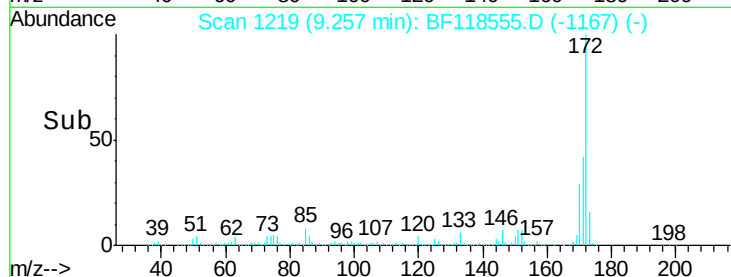
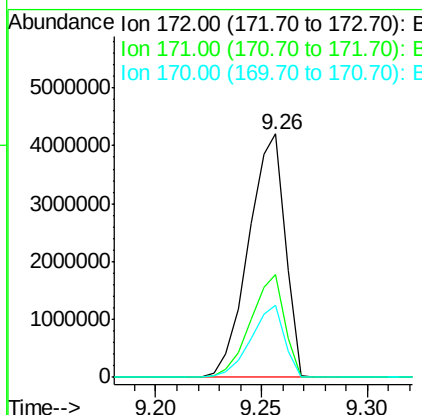
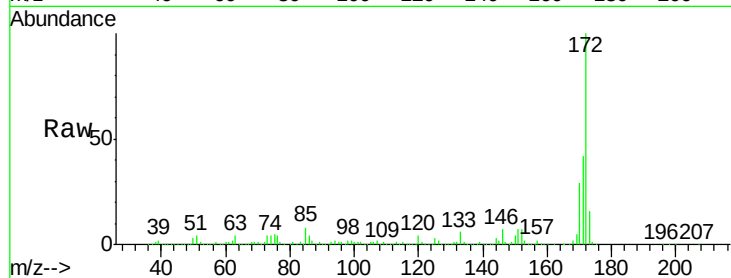
#45
2-Fluorobiphenyl
Concen: 91.256 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.4	32.4	48.6
170	29.4	22.5	33.7

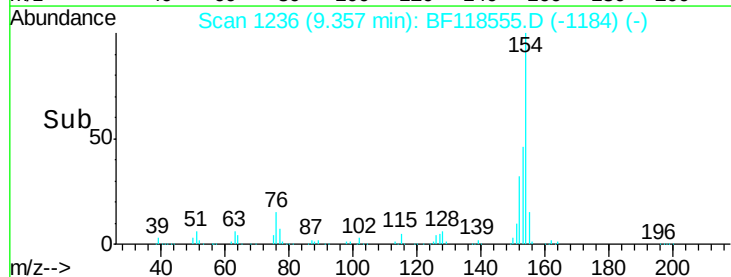
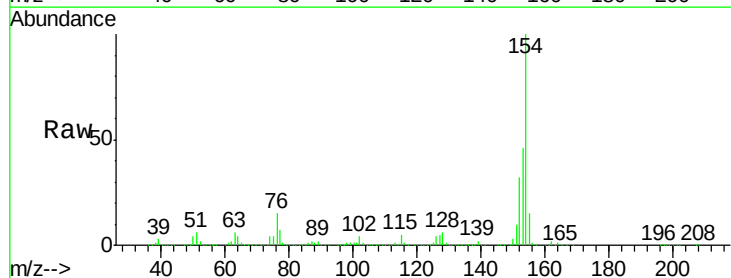
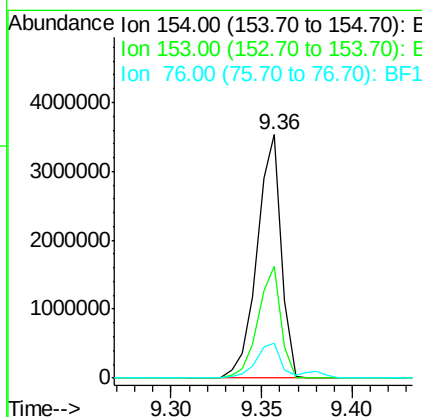
Manual Integrations
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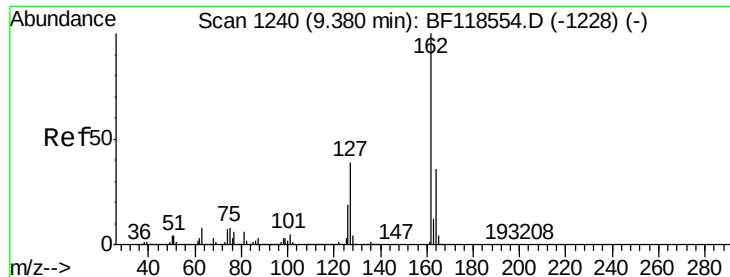
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#46
1,1'-Biphenyl
Concen: 46.311 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.8	23.7	63.7
76	14.6	0.0	35.2





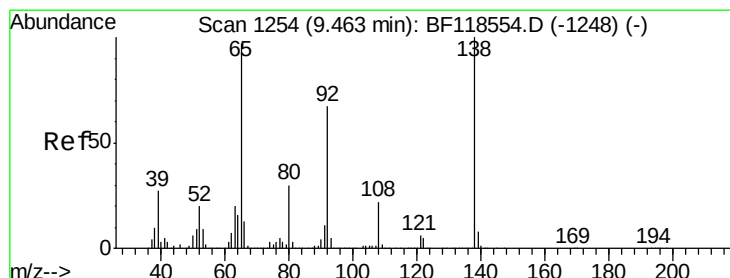
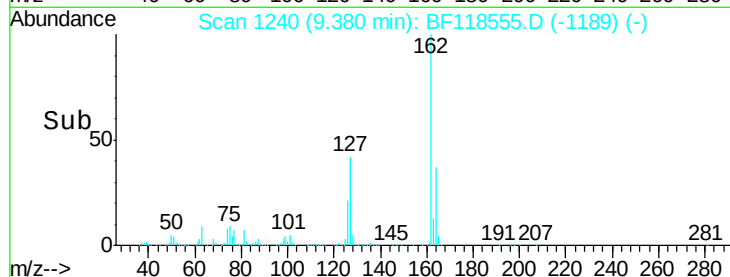
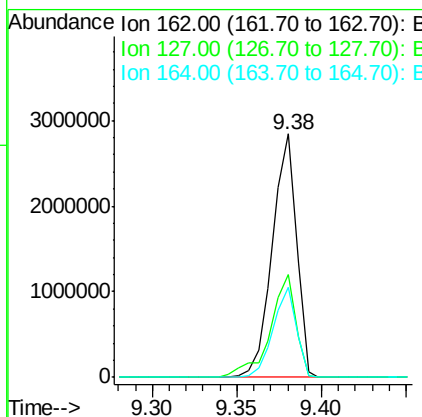
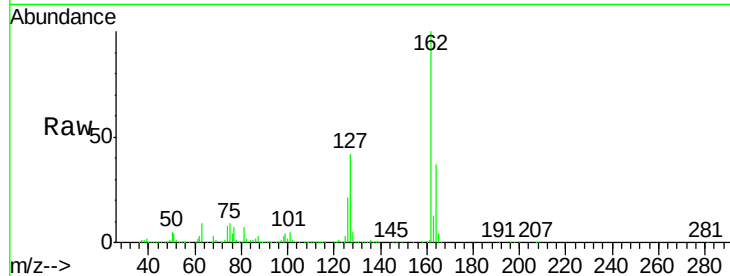
#47
 2-Chloronaphthalene
 Concen: 49.378 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	31.0	46.4
164	36.9	28.6	42.8

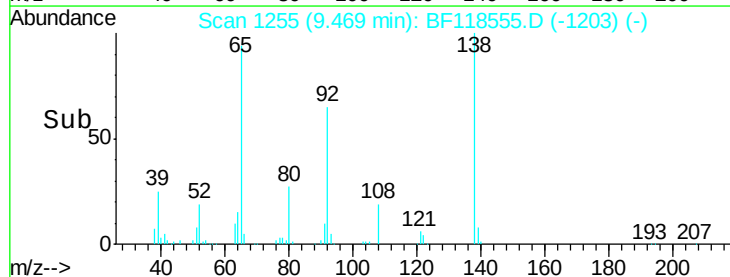
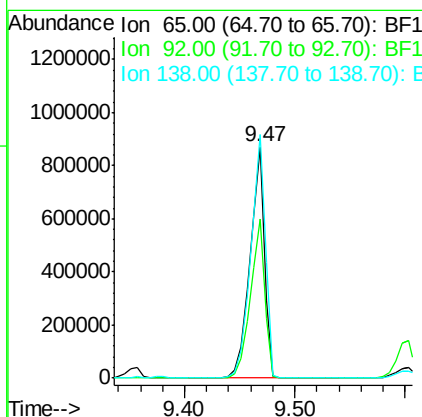
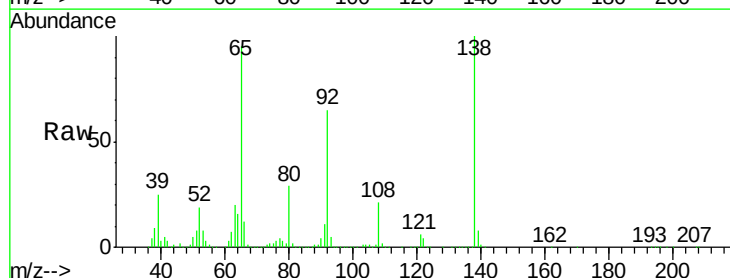
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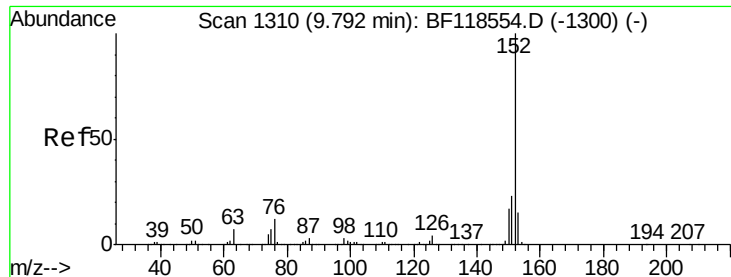
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#48
 2-Nitroaniline
 Concen: 52.936 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	55.3	82.9
138	105.3	82.9	124.3





#49

Acenaphthylene

Concen: 47.131 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:152 Resp: 3887290

Ion Ratio Lower Upper

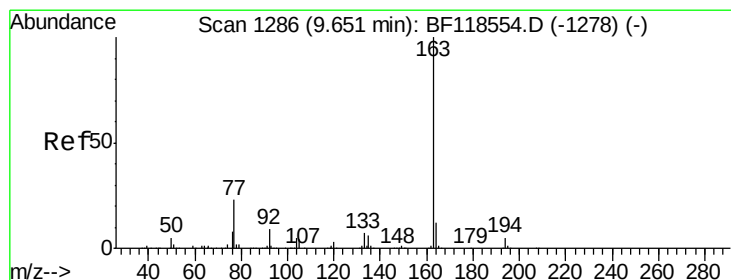
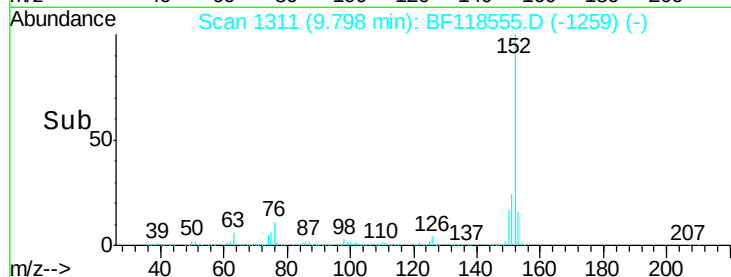
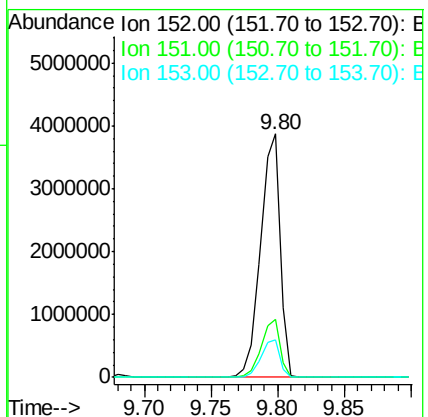
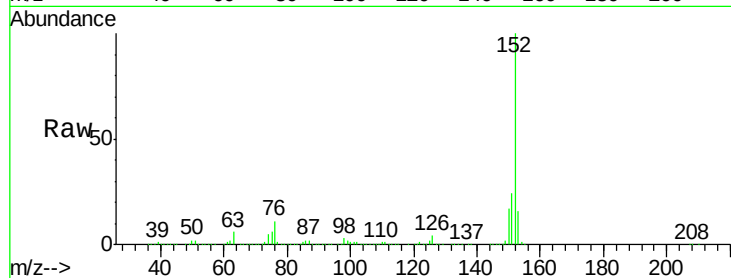
152 100

151 23.9 18.6 27.8

153 15.7 12.3 18.5

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#50

Dimethylphthalate

Concen: 47.932 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

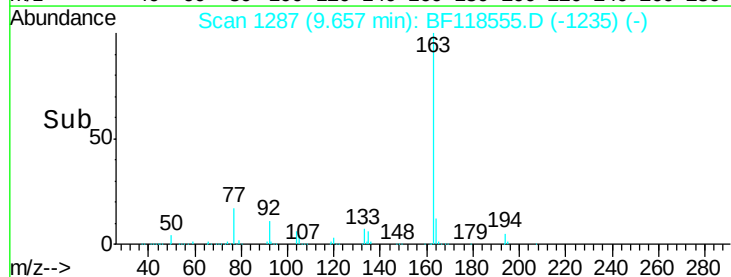
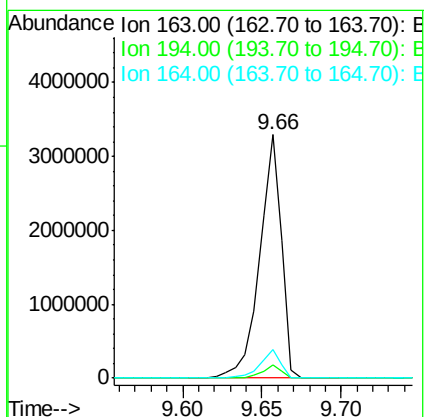
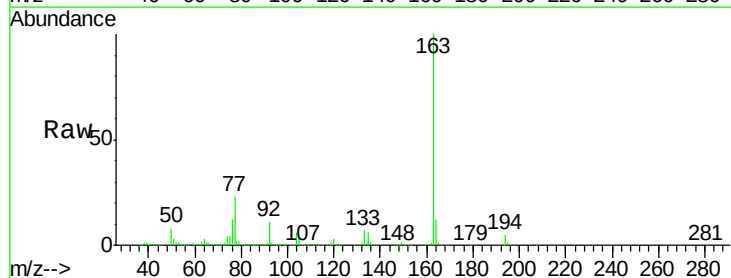
Tgt Ion:163 Resp: 3147720

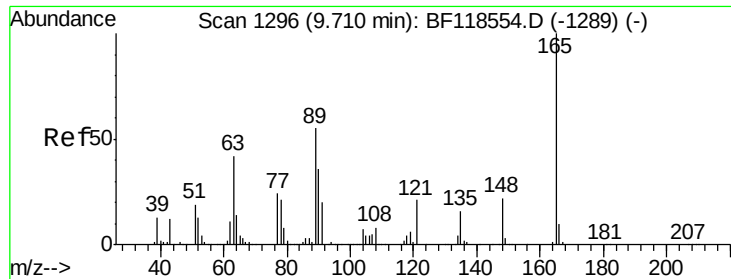
Ion Ratio Lower Upper

163 100

194 5.2 3.8 5.8

164 11.9 9.3 13.9





#51

2,6-Dinitrotoluene

Concen: 47.341 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

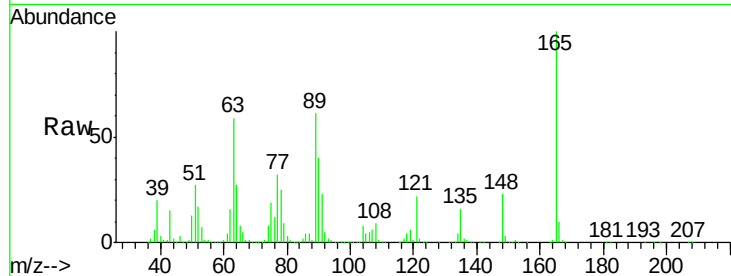
ClientSampleId :

SSTDIC050

Tot Ion:	165	Resp:	683573
Ion Ratio		Lower	Upper
165	100		
63	59.5	41.9	62.9
89	61.1	44.0	66.0

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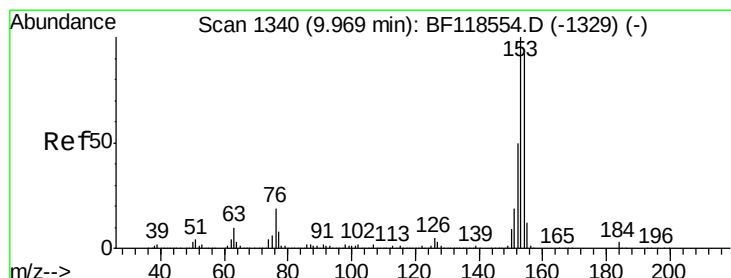
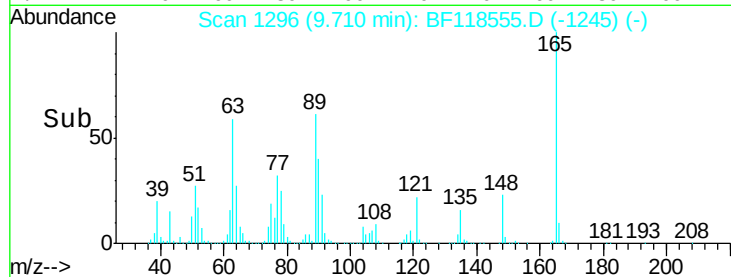
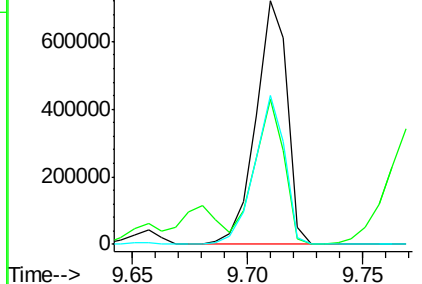
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 51.118 ng

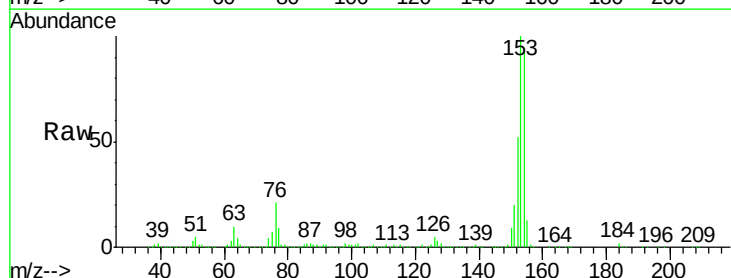
RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

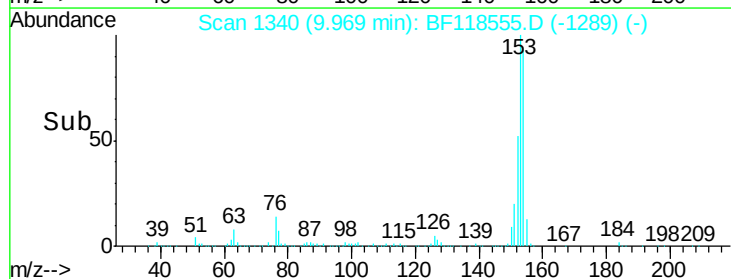
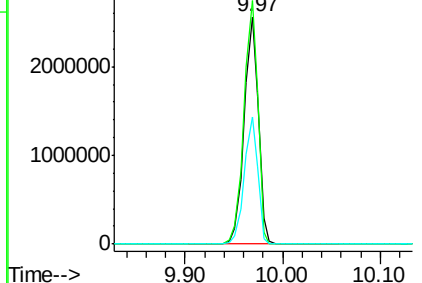
Tgt Ion:	154	Resp:	2593995
Ion Ratio		Lower	Upper
154	100		
153	107.2	87.0	130.4
152	56.2	43.8	65.8

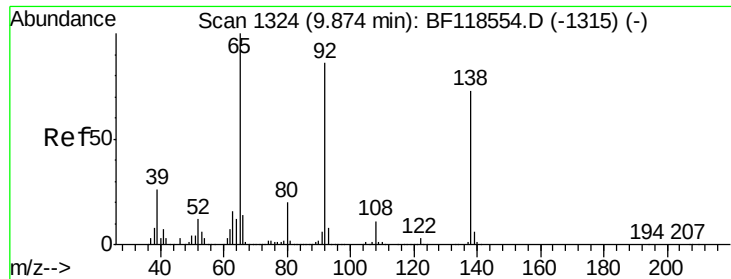


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





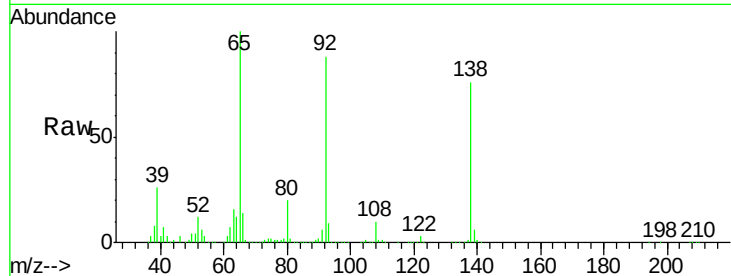
#53
3-Nitroaniline
Concen: 44.488 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

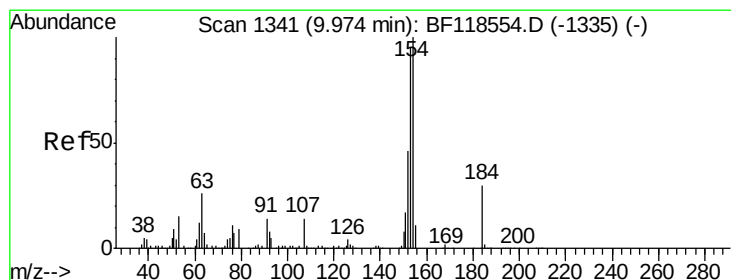
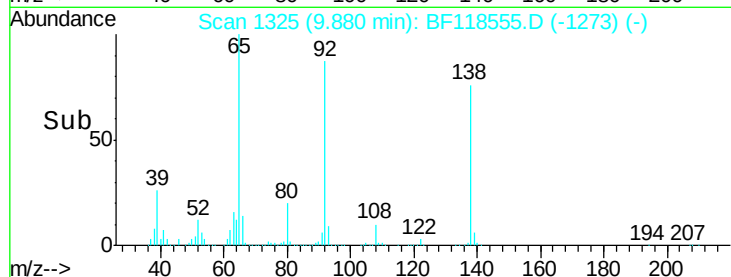
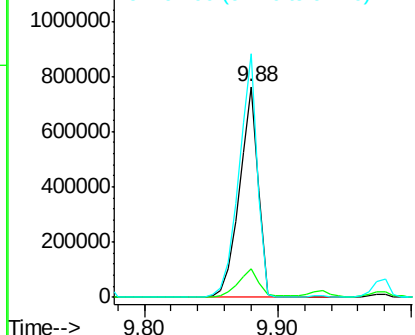
Tot Ion	Ratio	Lower	Upper
138	100		
108	13.4	12.2	18.4
92	115.6	94.2	141.2

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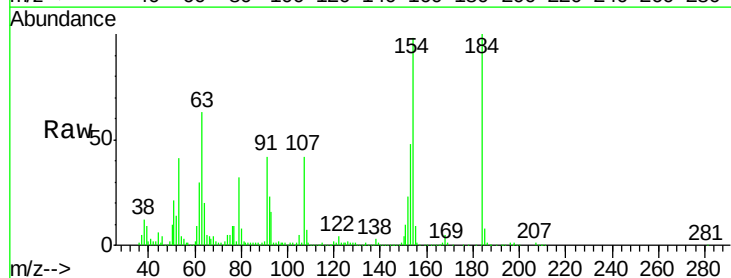


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

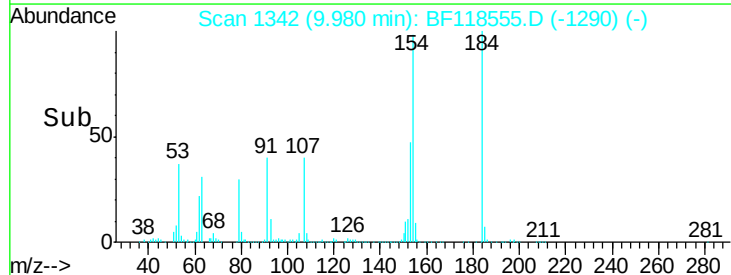
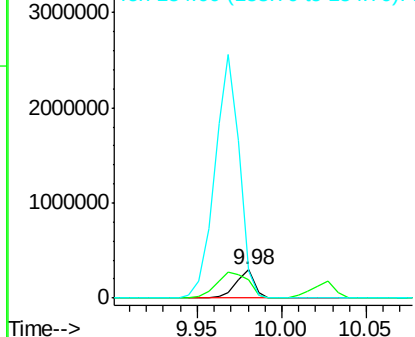


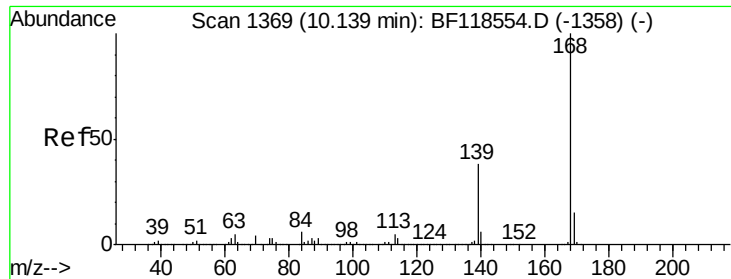
#54
2,4-Dinitrophenol
Concen: 41.661 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.8	69.4	104.0#
154	98.1	268.5	402.7#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





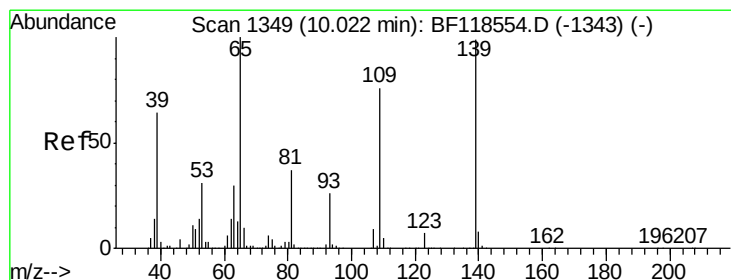
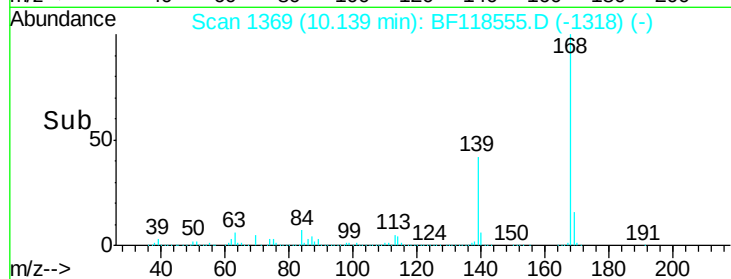
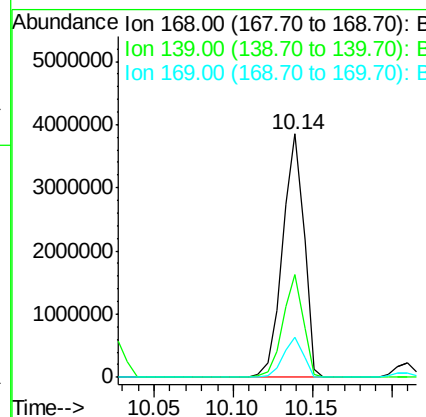
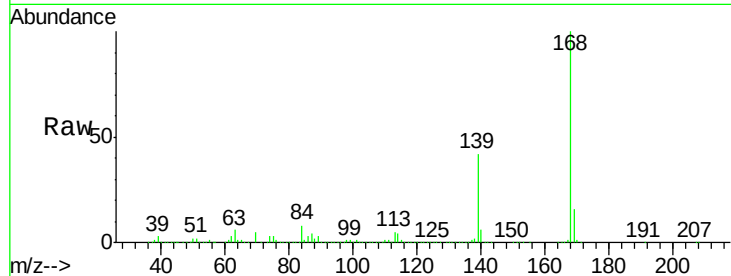
#55
Dibenzofuran
Concen: 49.084 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.0	30.6	46.0
169	16.3	11.9	17.9

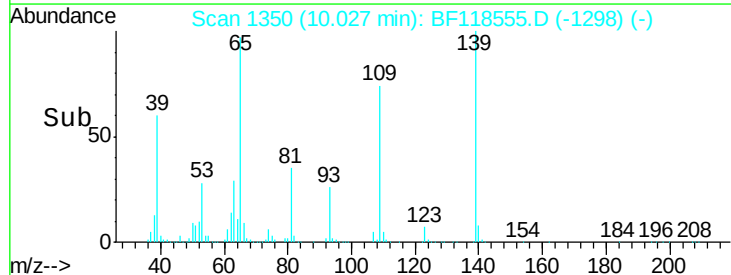
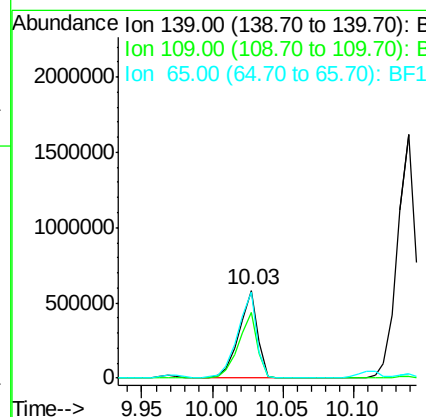
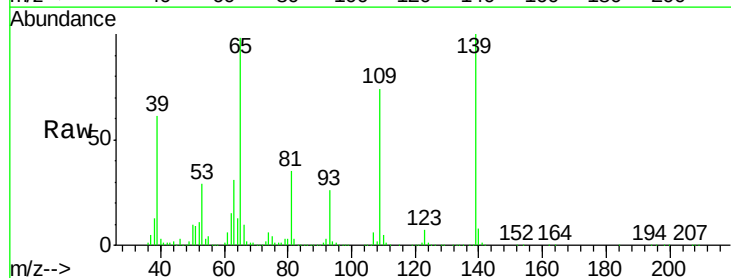
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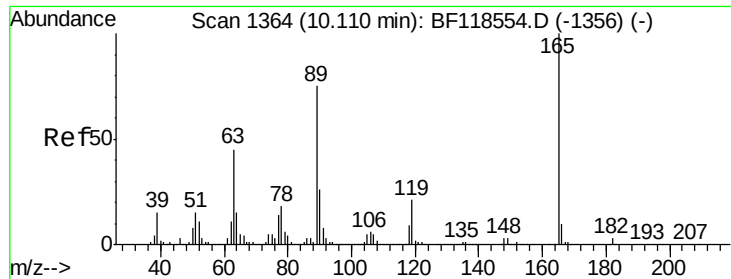
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#56
4-Nitrophenol
Concen: 70.447 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.3	56.9	96.9
65	98.0	81.7	121.7





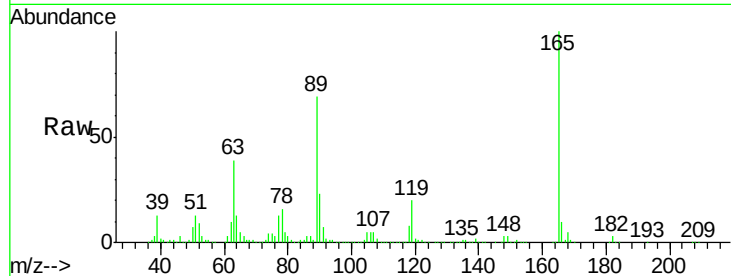
#57
2,4-Dinitrotoluene
Concen: 44.516 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	821623		
63	39.0		35.8	53.6
89	69.3		59.9	89.9
182	2.9		2.2	3.2

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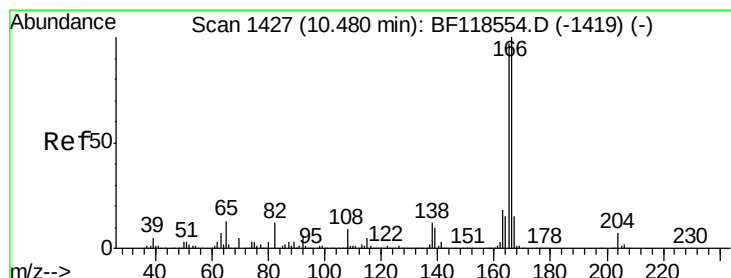
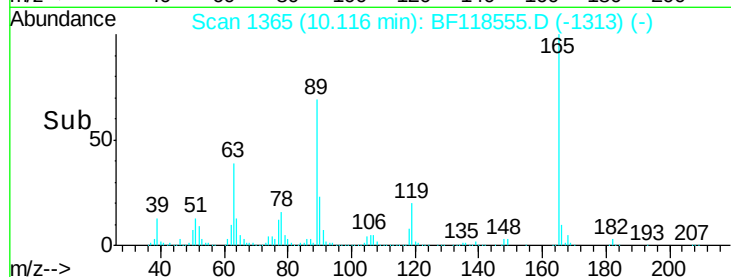
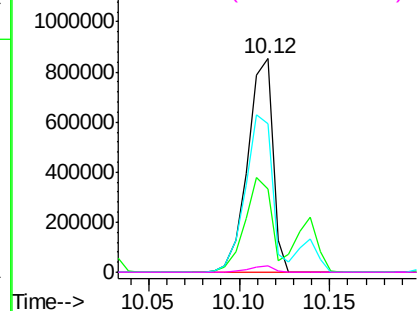


Abundance Ion 165.00 (164.70 to 165.70): E

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



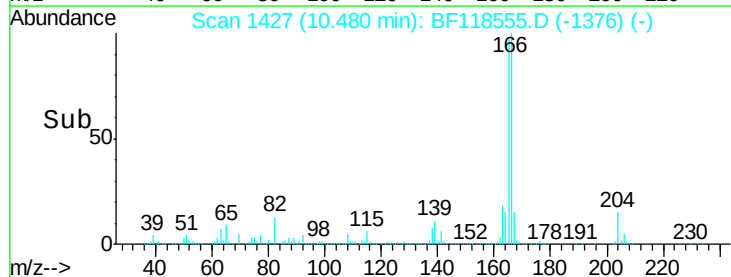
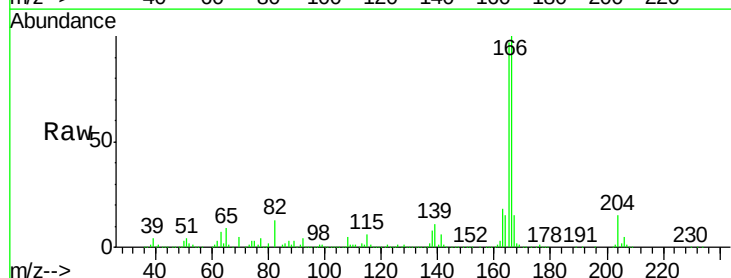
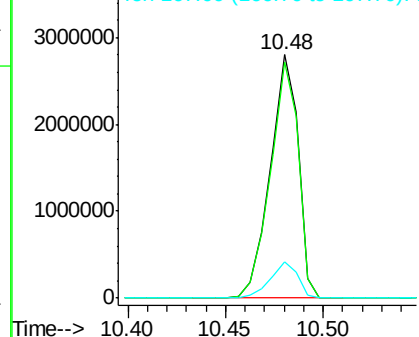
#58
Fluorene
Concen: 46.470 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

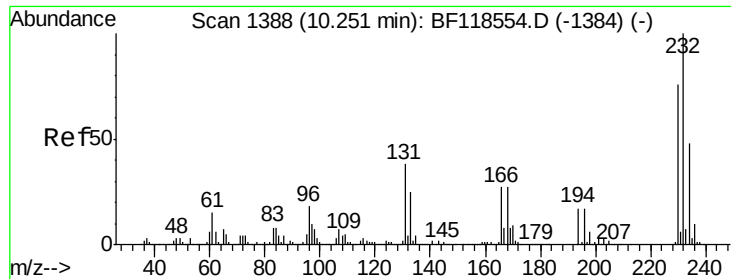
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2779518		
165	96.7		77.8	116.8
167	14.9		11.7	17.5

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





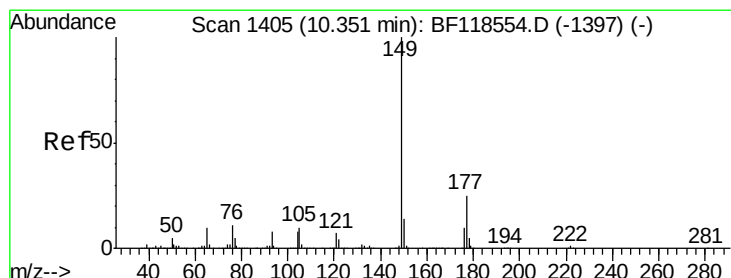
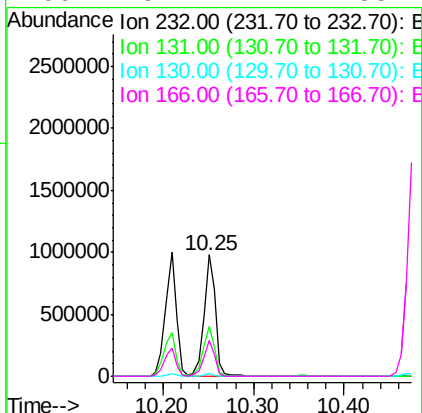
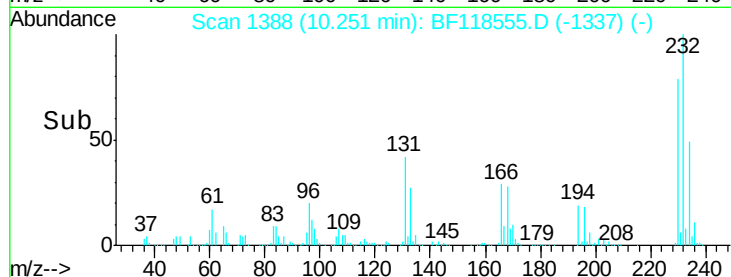
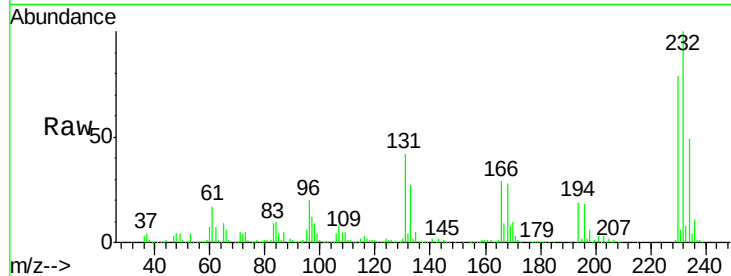
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 60.530 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.6	32.3	48.5
130	2.1	1.7	2.5
166	28.4	22.2	33.2

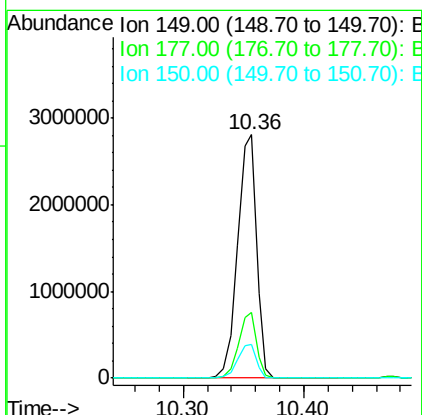
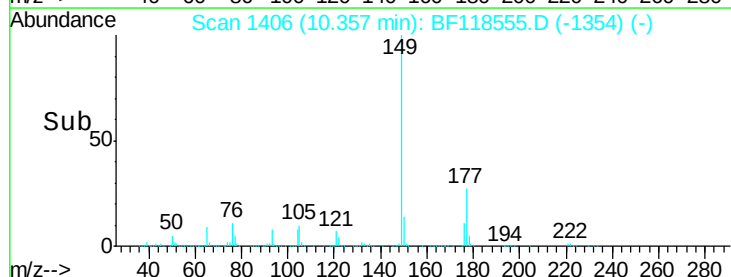
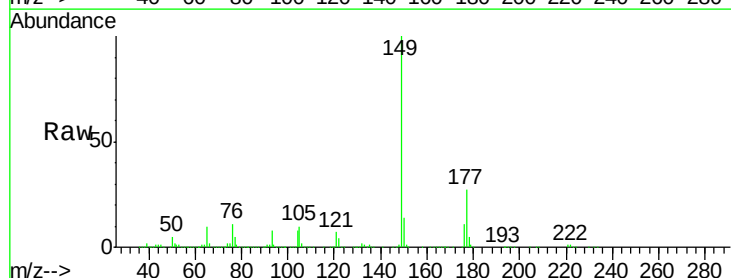
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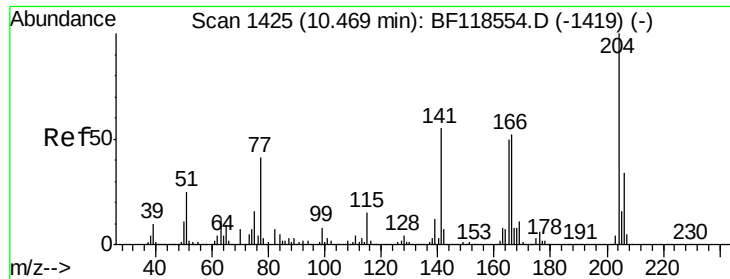
mohammad
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#60
 Diethylphthalate
 Concen: 47.107 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	27.1	20.2	30.4
150	13.9	11.0	16.4





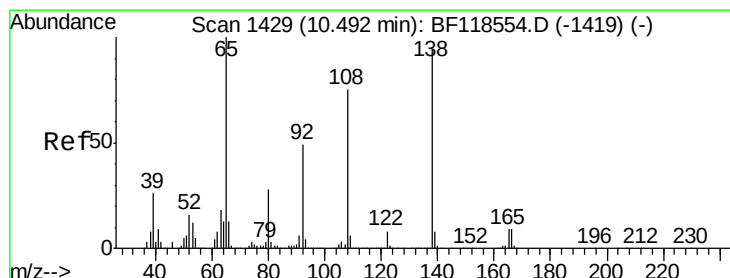
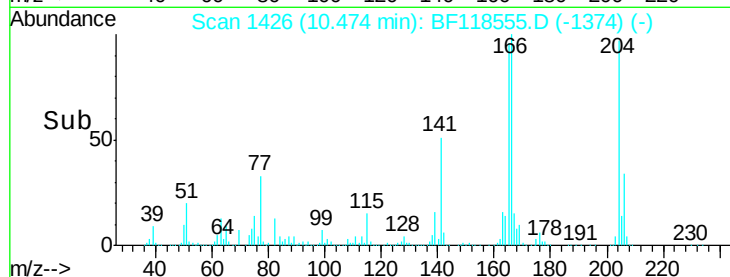
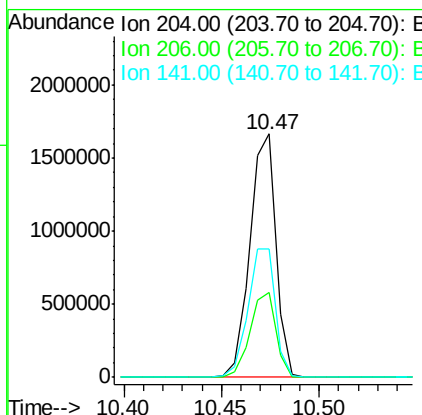
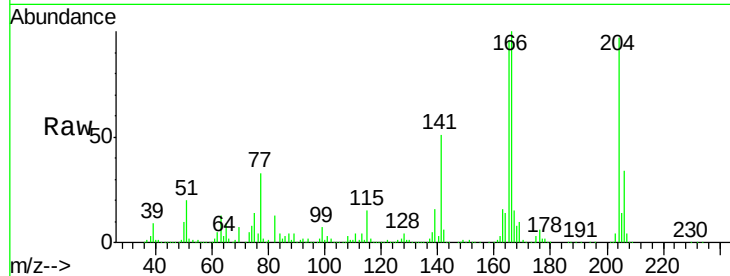
#61
4-Chlorophenyl-phenylether
Concen: 51.103 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	27.1	40.7
141	52.6	44.4	66.6

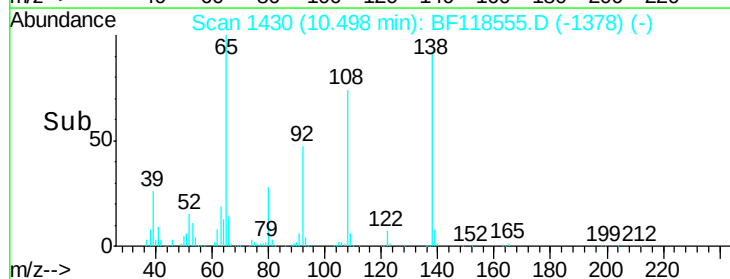
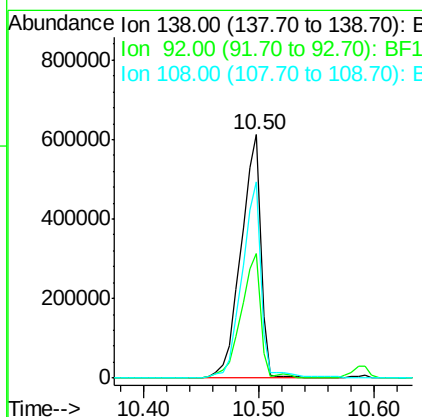
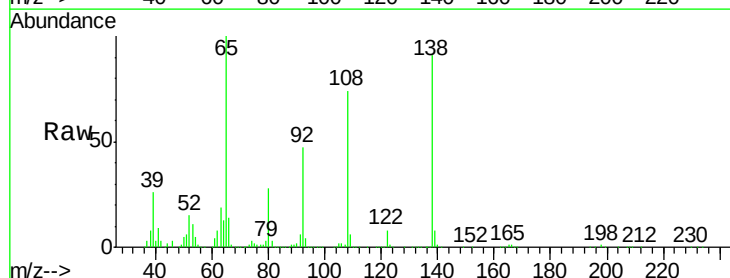
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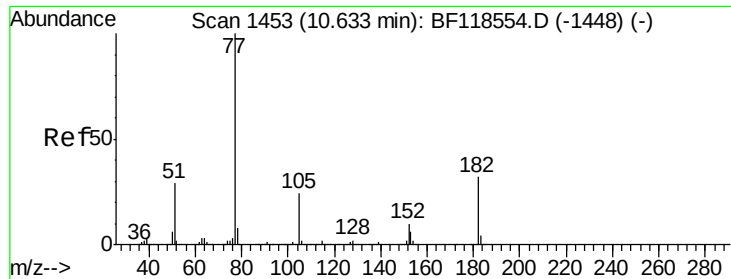
mohammad
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#62
4-Nitroaniline
Concen: 44.204 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	31.7	71.7
108	80.9	59.6	99.6





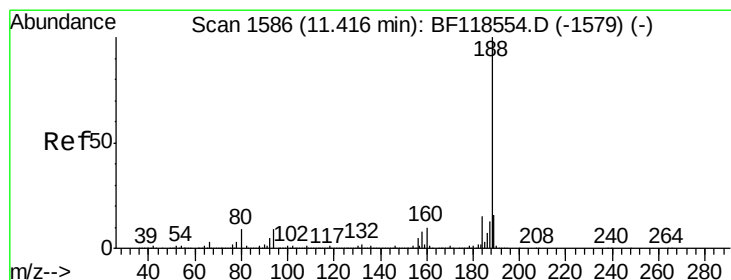
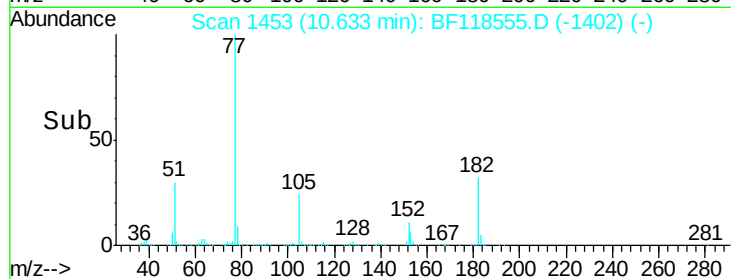
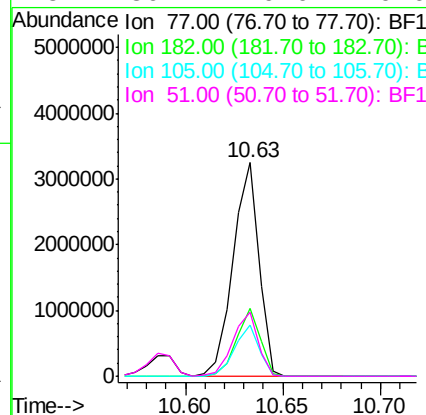
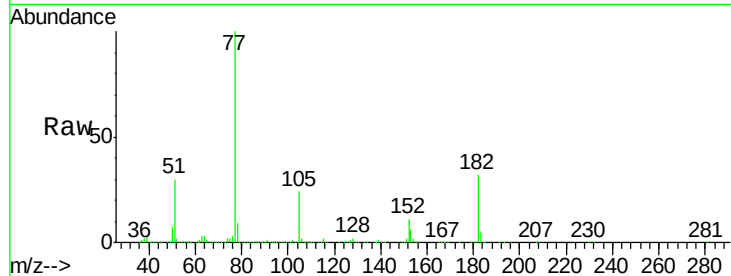
#63
Azobenzene
Concen: 54.978 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.9	11.7	51.7
105	24.1	3.6	43.6
51	30.1	9.0	49.0

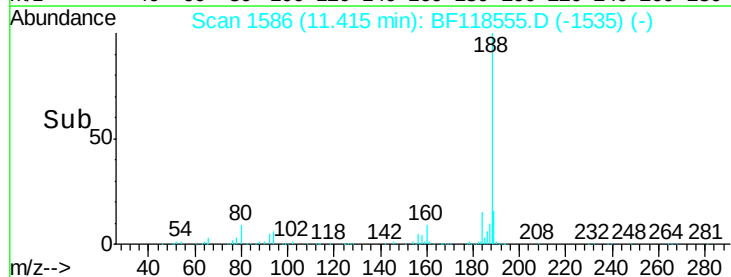
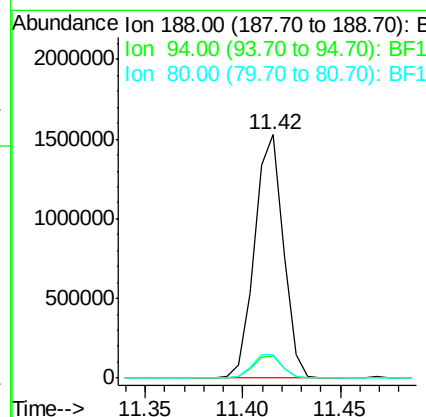
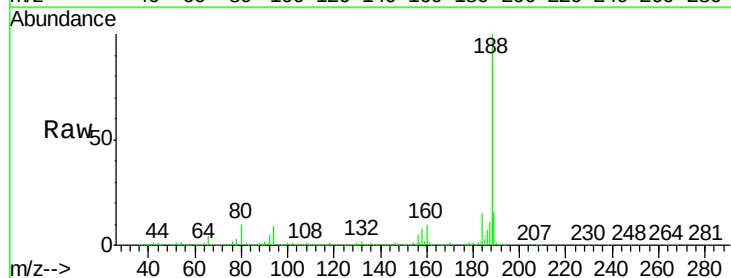
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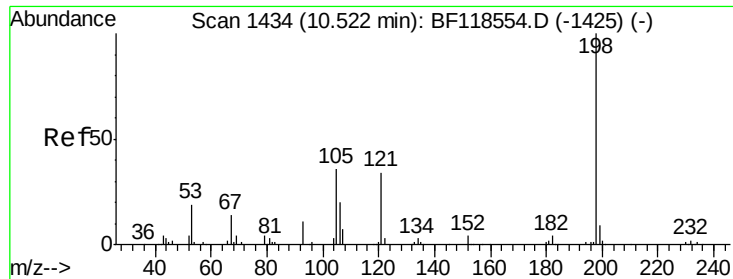
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	9.7	7.4	11.2





#65

4,6-Dinitro-2-methylphenol

Concen: 39.421 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

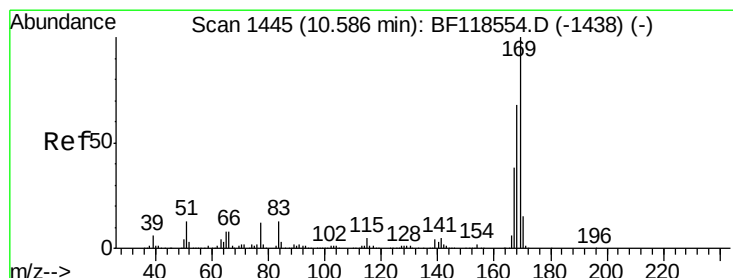
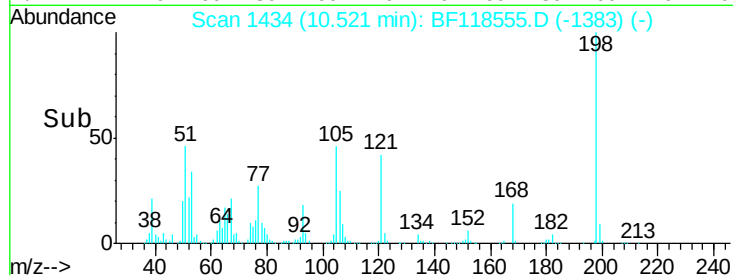
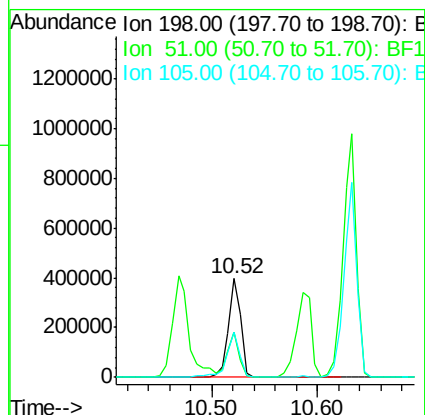
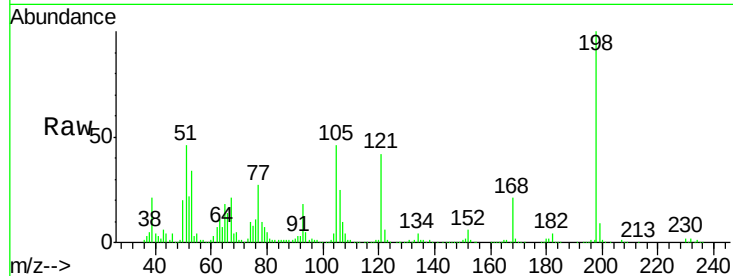
ClientSampleId :

SSTDIC050

Tot Ion:	198	Resp:	323903
Ion Ratio	Lower	Upper	
198	100		
51	45.9	13.2	53.2
105	46.3	17.2	57.2

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#66

n-Nitrosodiphenylamine

Concen: 51.012 ng

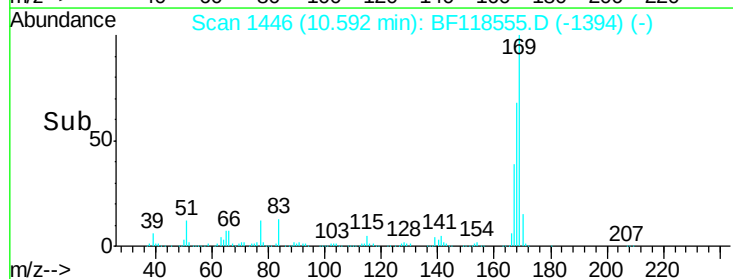
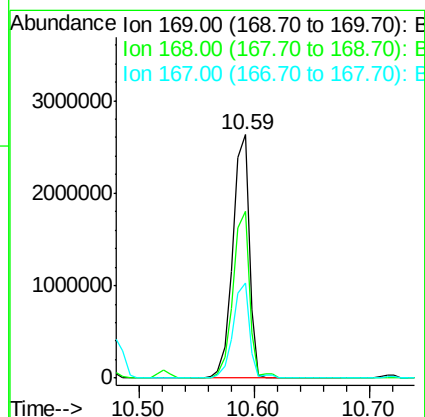
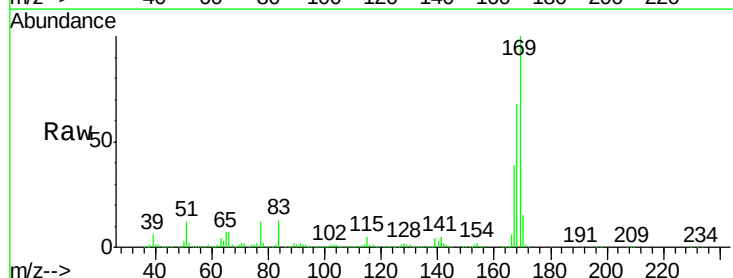
RT: 10.59 min Scan# 1446

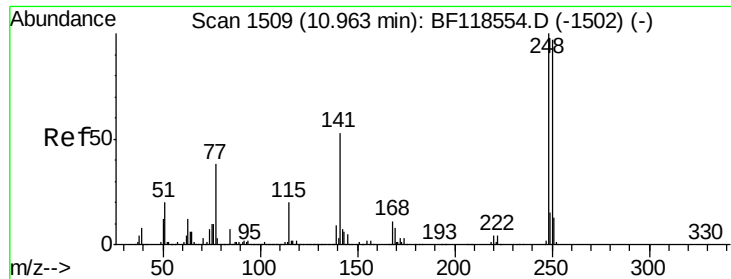
Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Tgt Ion:	169	Resp:	2607987
Ion Ratio	Lower	Upper	
169	100		
168	68.3	54.2	81.4
167	39.0	30.5	45.7





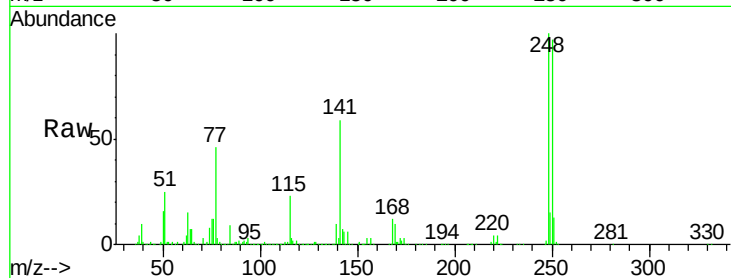
#67
4-Bromophenyl-phenylether
Concen: 58.967 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.8	116.8
141	59.2	42.7	64.1

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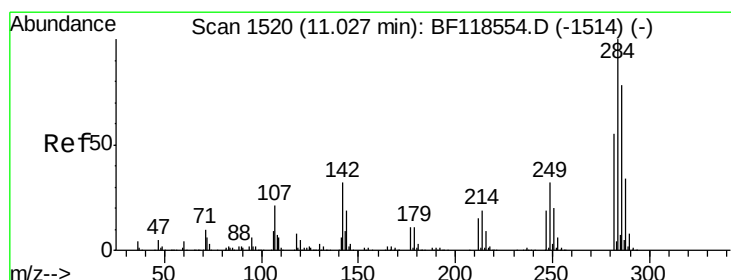
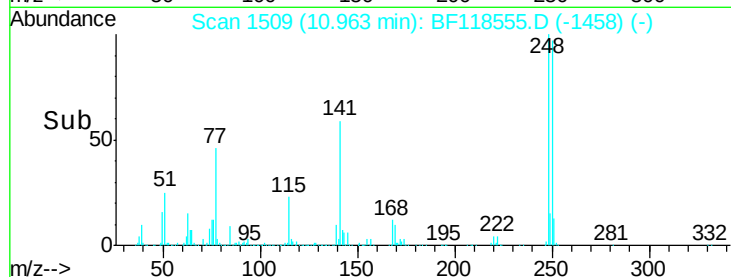
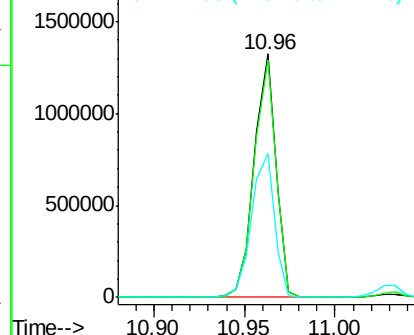


Abundance

Ion 248.00 (247.70 to 248.70): E

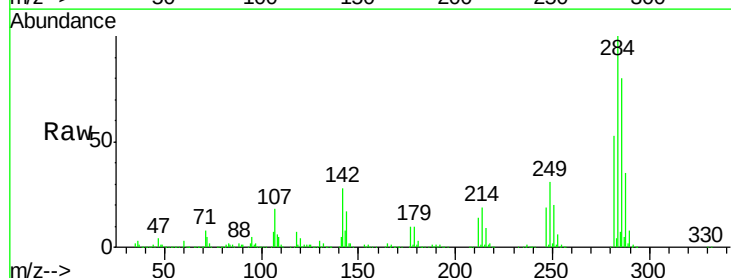
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 54.886 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	25.6	38.4
249	30.8	25.6	38.4

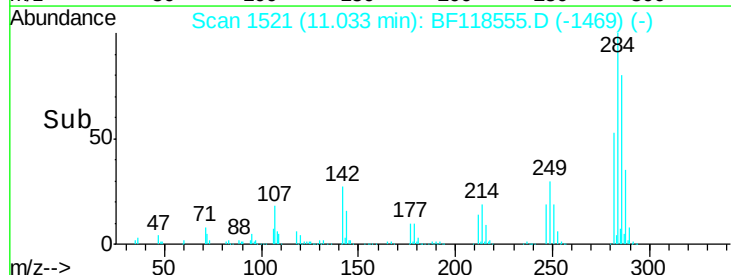
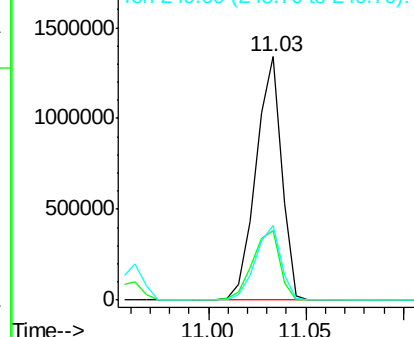


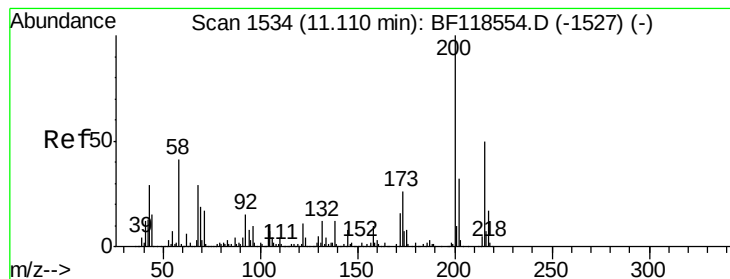
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 54.687 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

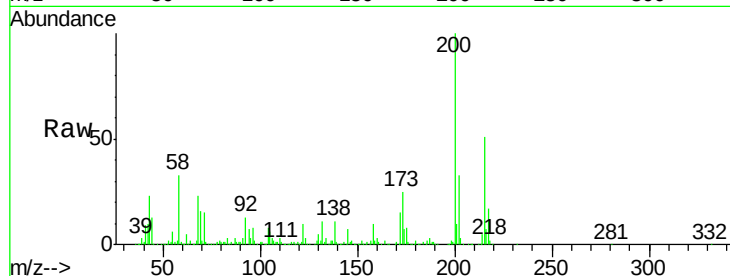
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.8	45.8
215	51.4	29.8	69.8

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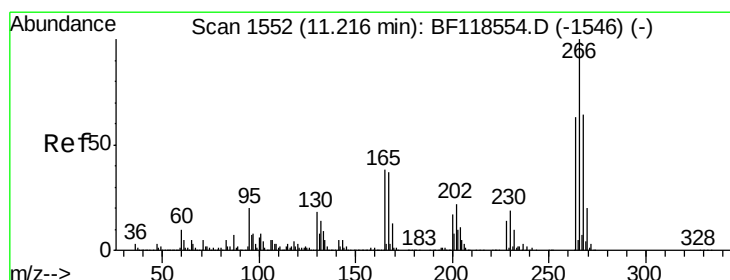
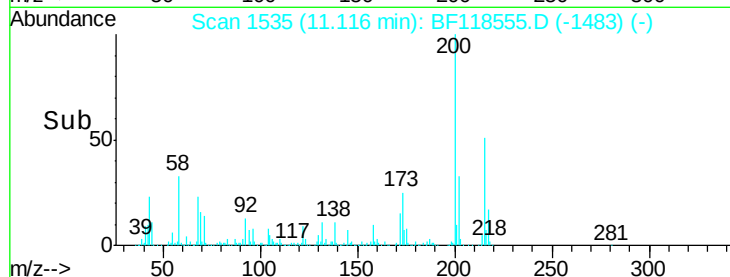
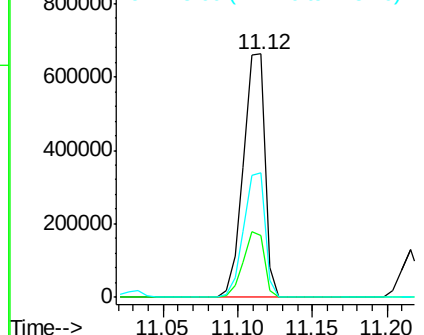
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Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 104.463 ng

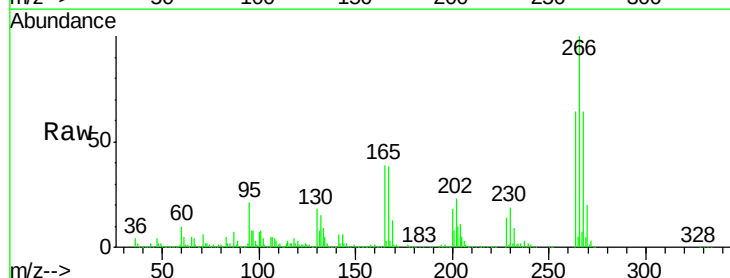
RT: 11.22 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

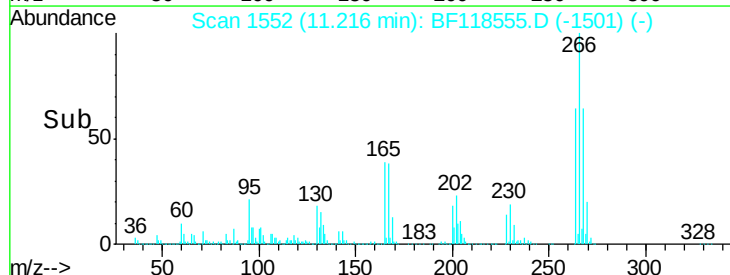
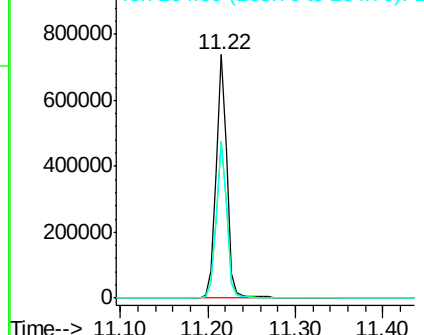
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.0	76.4
264	64.1	50.5	75.7

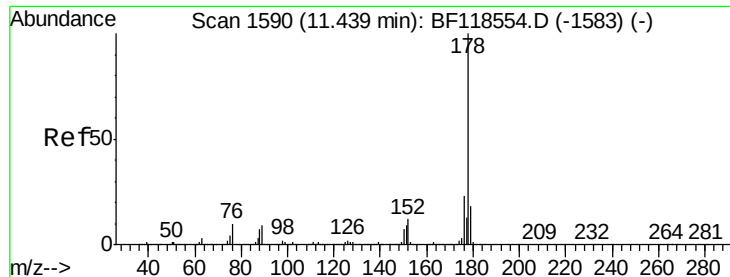


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





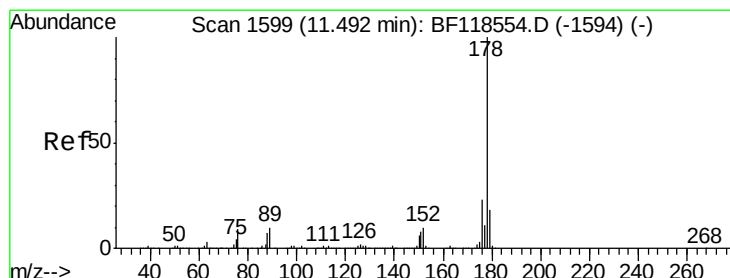
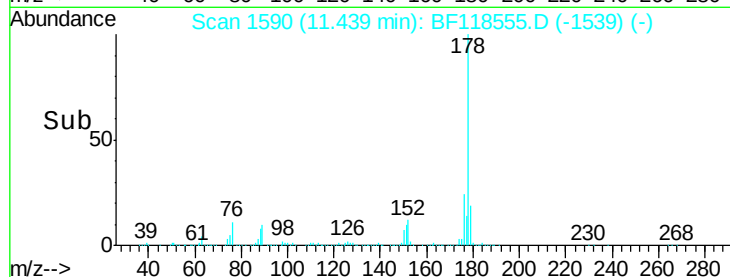
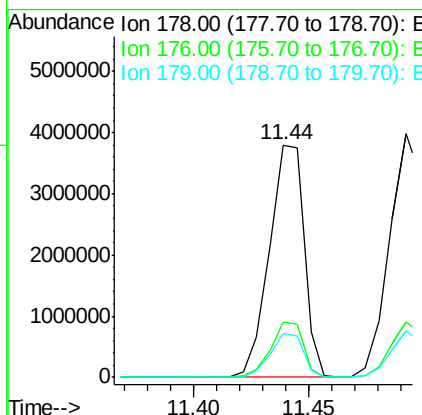
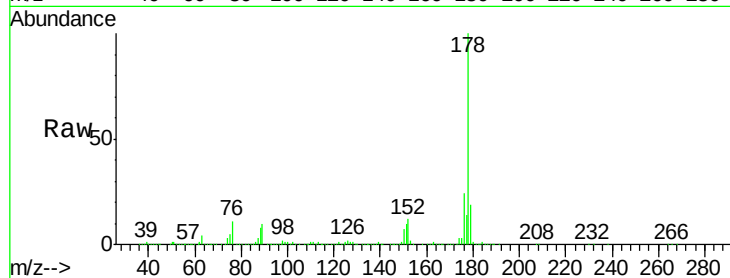
#71
Phenanthrene
Concen: 47.339 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:178 Resp: 3968143
Ion Ratio Lower Upper
178 100
176 23.8 18.6 28.0
179 18.9 14.6 22.0

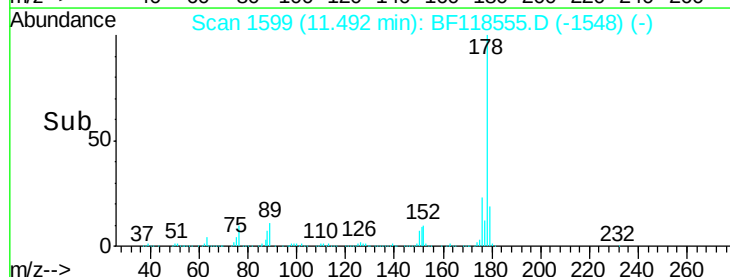
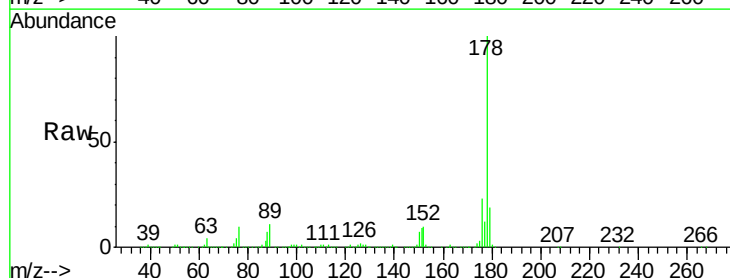
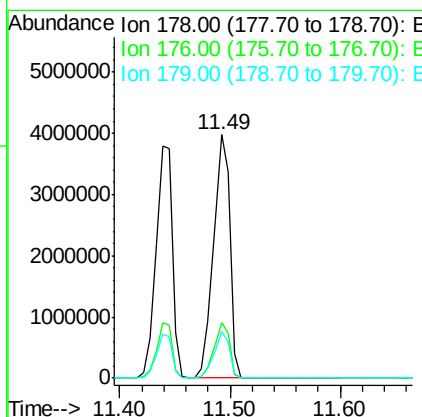
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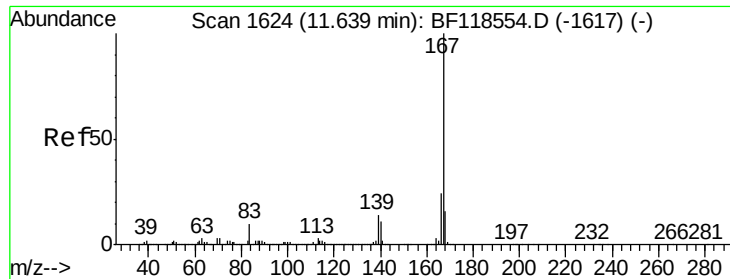
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#72
Anthracene
Concen: 48.272 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion:178 Resp: 4032900
Ion Ratio Lower Upper
178 100
176 23.0 18.1 27.1
179 19.0 14.7 22.1





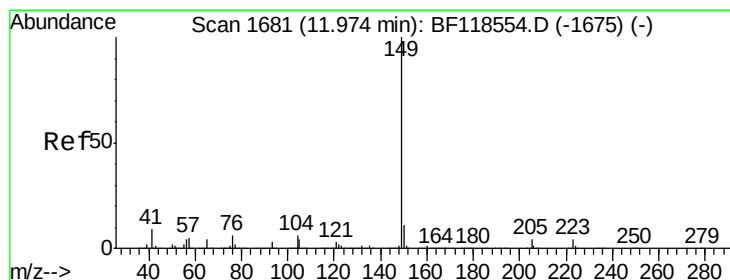
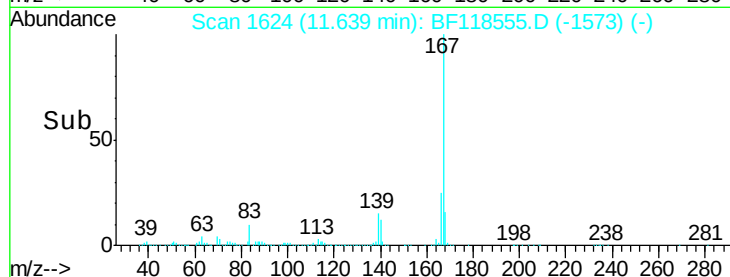
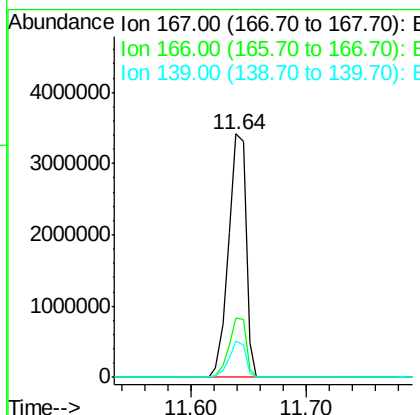
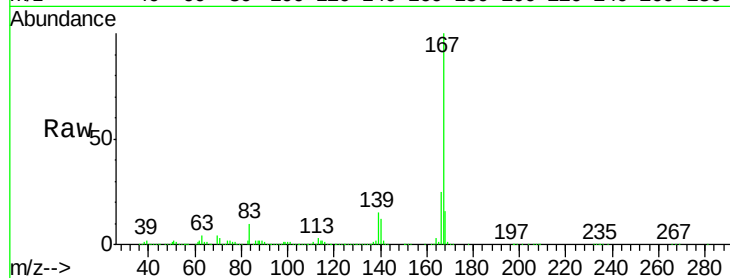
#73
 Carbazole
 Concen: 48.124 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.5	29.3
139	15.0	11.5	17.3

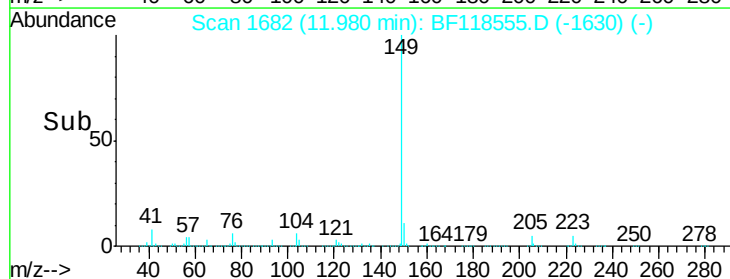
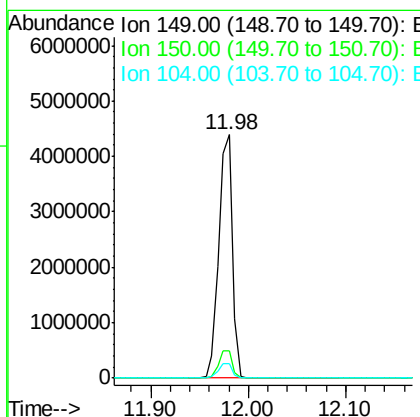
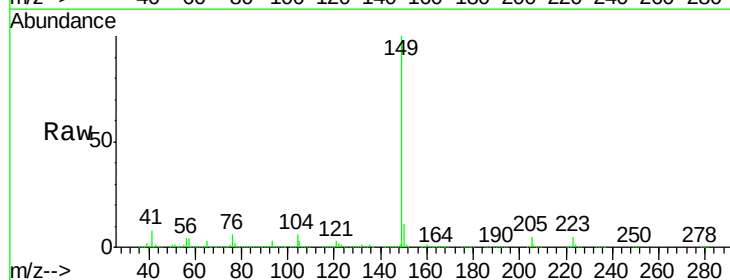
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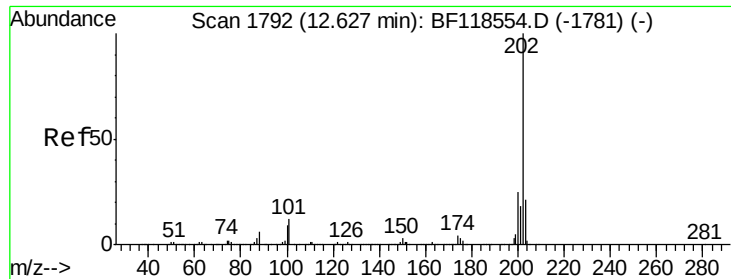
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#74
 Di-n-butylphthalate
 Concen: 43.973 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.01 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.4	9.0	13.6
104	6.0	5.0	7.4





#75

Fluoranthene

Concen: 48.818 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:202 Resp: 4087828

Ion Ratio Lower Upper

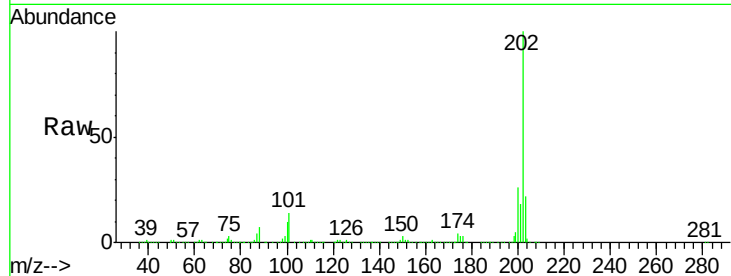
202 100

101 13.7 0.0 31.9

203 21.8 0.9 40.9

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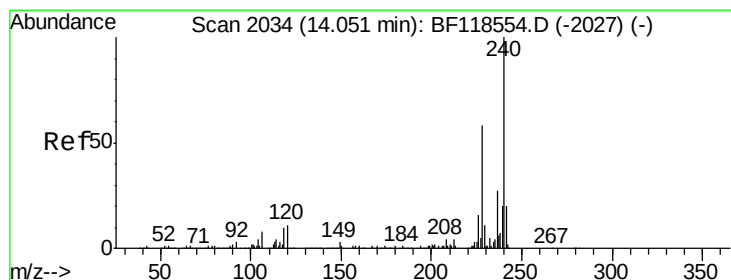
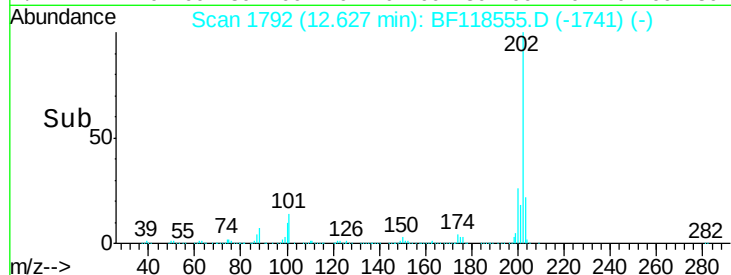
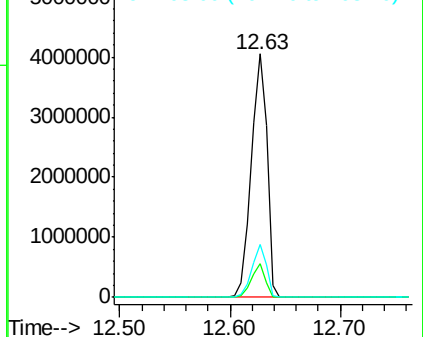
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

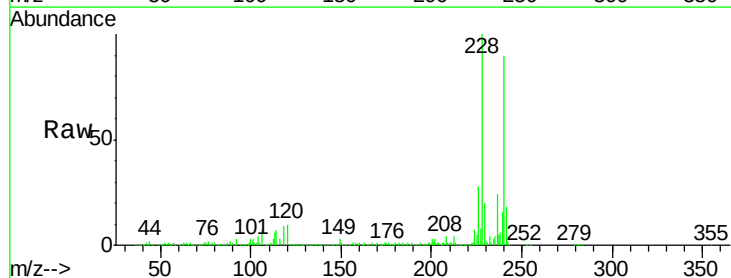
Tgt Ion:240 Resp: 1026640

Ion Ratio Lower Upper

240 100

120 11.2 8.7 13.1

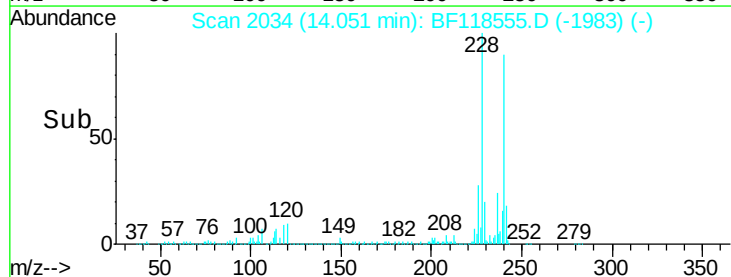
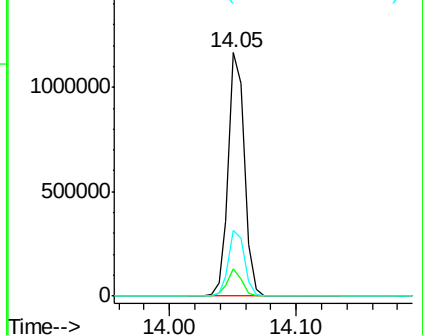
236 26.8 21.8 32.8

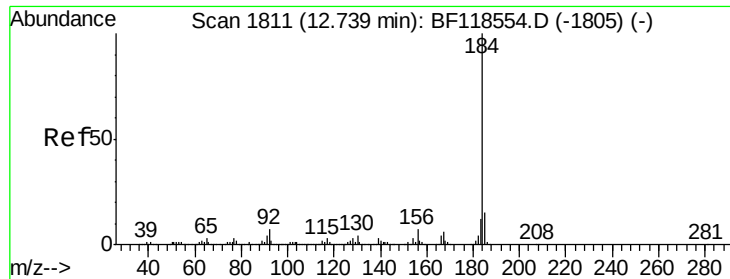


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 70.250 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:184 Resp: 1609765

Ion Ratio Lower Upper

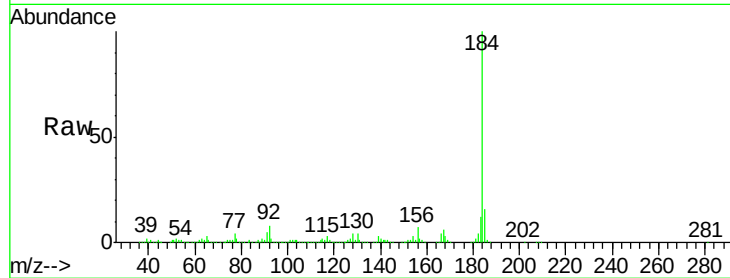
184 100

185 16.5 12.3 18.5

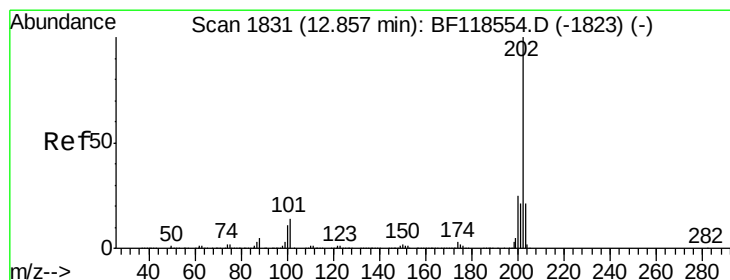
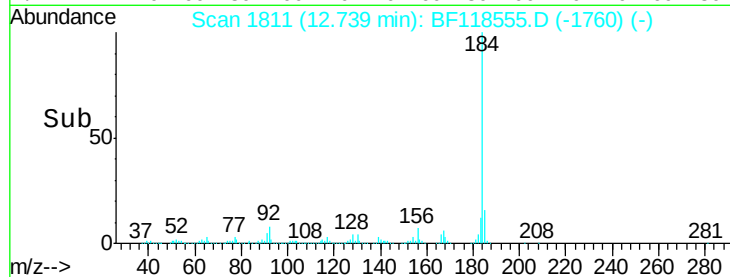
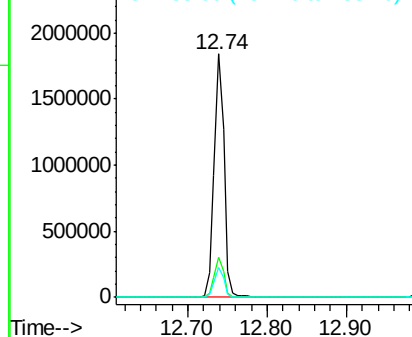
183 12.2 9.5 14.3

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Abundance Ion 184.00 (183.70 to 184.70): E
2500000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.387 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

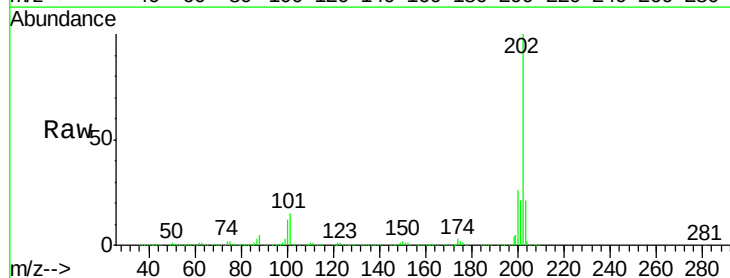
Tgt Ion:202 Resp: 4110796

Ion Ratio Lower Upper

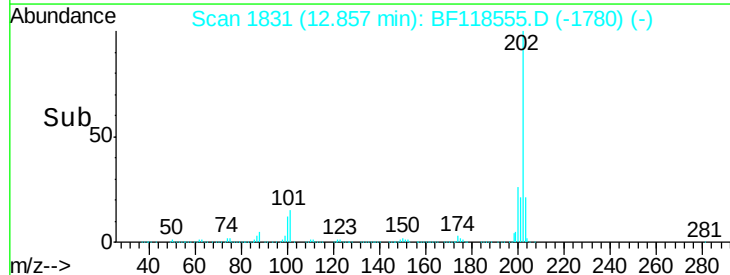
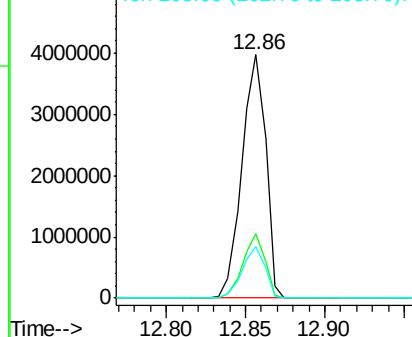
202 100

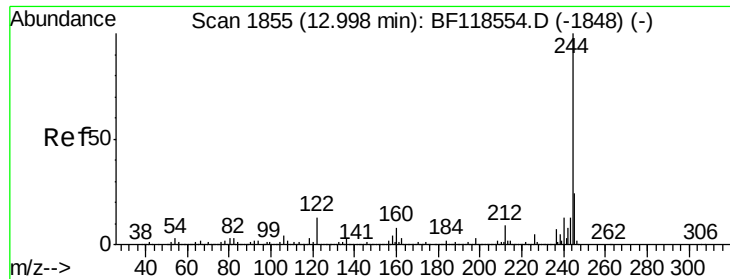
200 26.4 20.2 30.4

203 21.4 16.6 25.0



Abundance Ion 202.00 (201.70 to 202.70): E
5000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





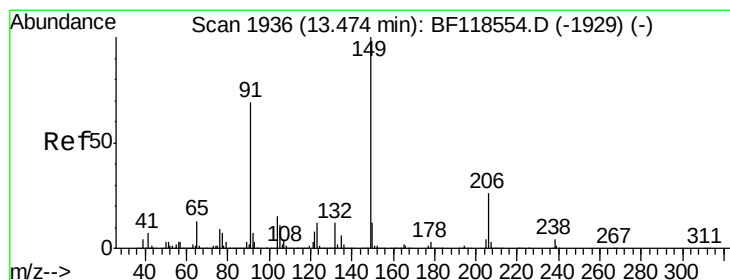
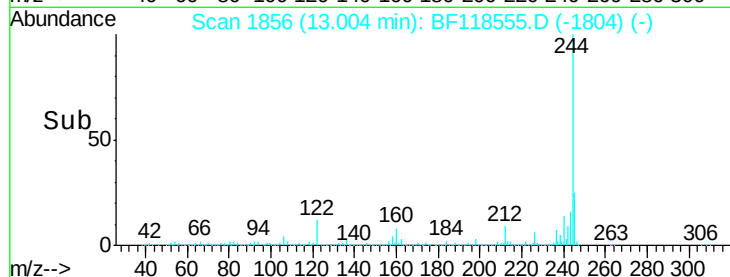
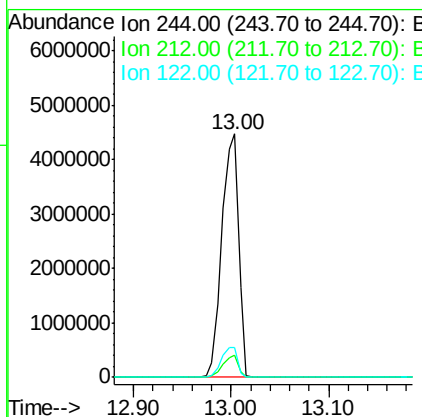
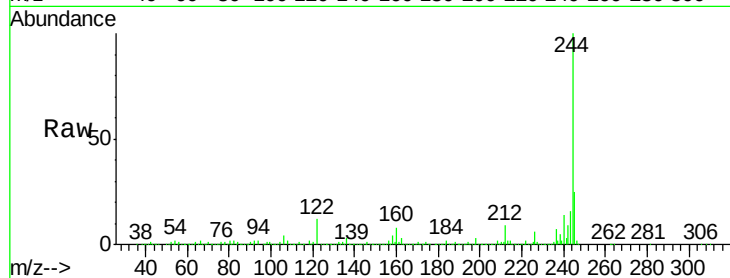
#79
 Terphenyl-d14
 Concen: 86.529 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.4
122	12.3	10.4	15.6

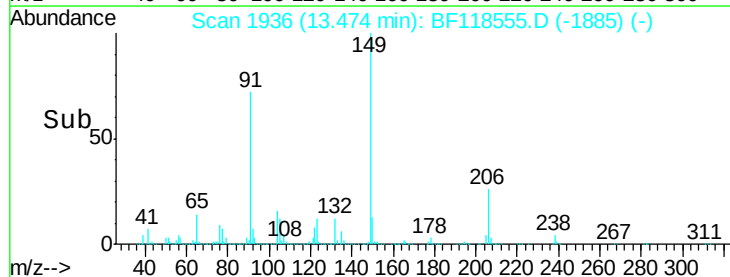
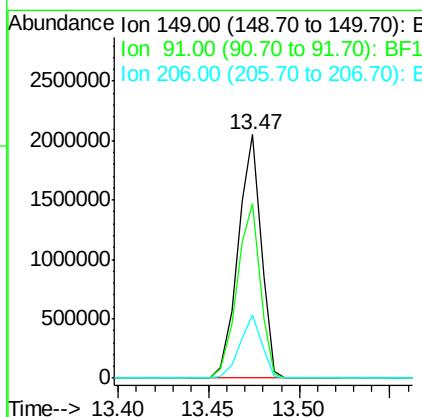
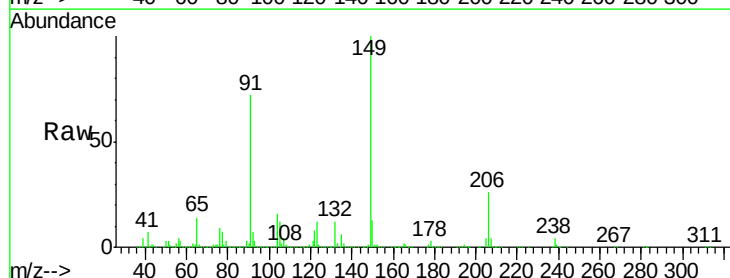
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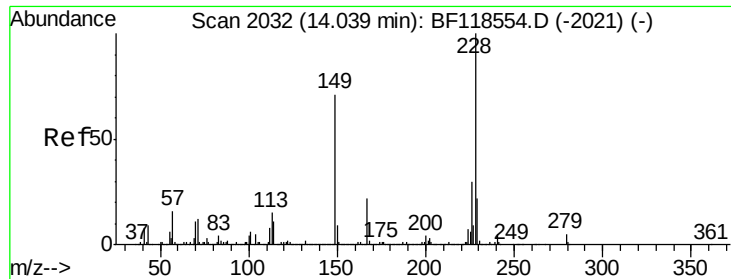
mohammad
 1/21/2020 7:58:20 AM



#80
 Butylbenzylphthalate
 Concen: 46.548 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.9	55.5	83.3
206	26.0	20.7	31.1





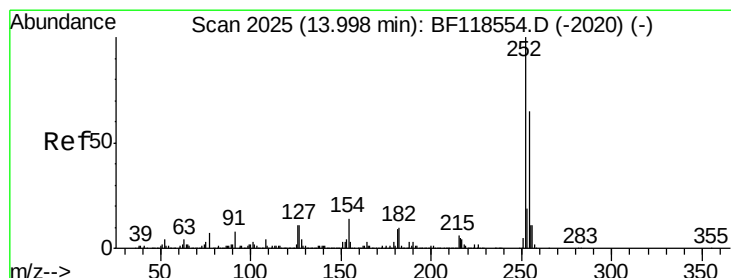
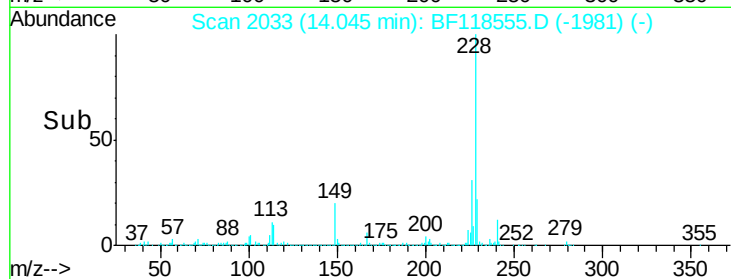
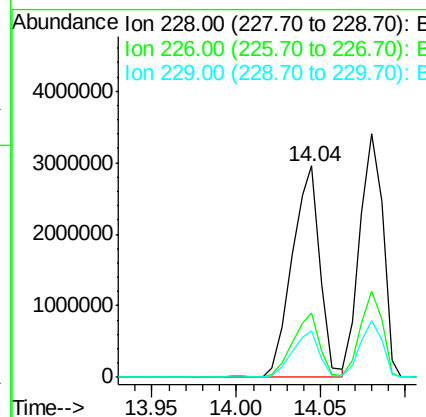
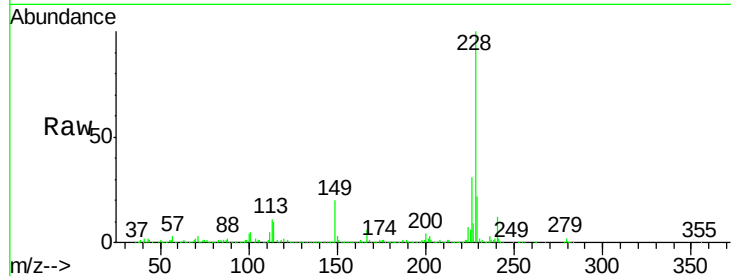
#81
Benzo(a)anthracene
Concen: 47.653 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.7	35.5
229	22.2	17.3	25.9

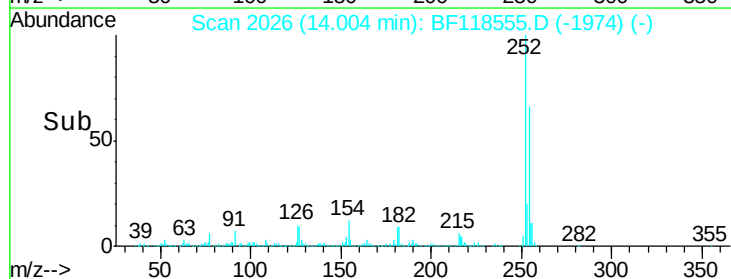
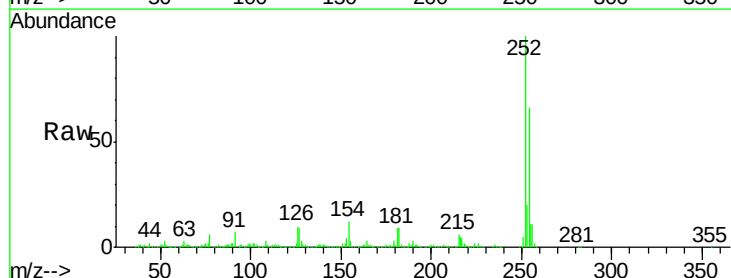
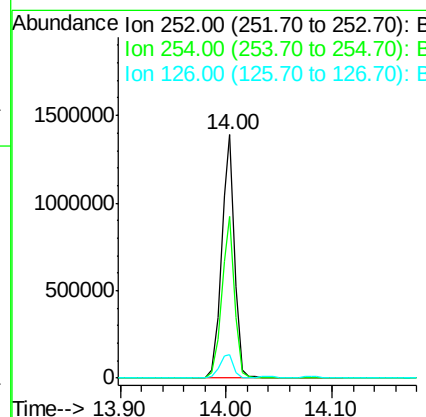
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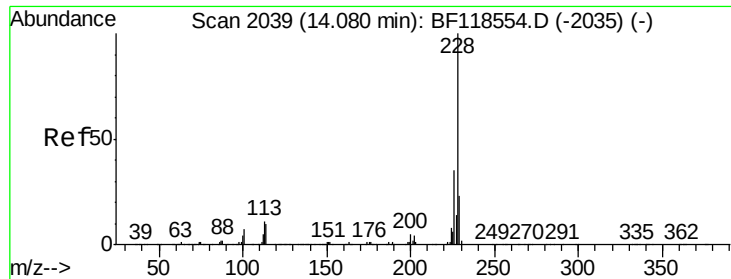
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 50.168 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.3	52.0	78.0
126	9.7	9.1	13.7





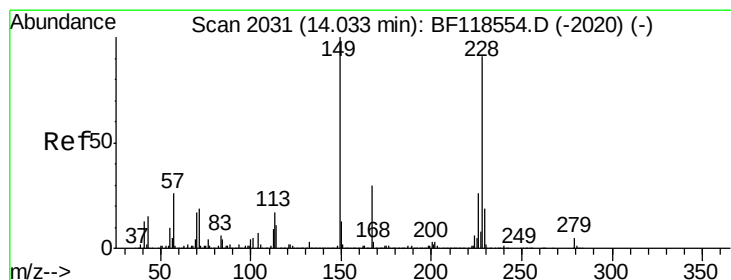
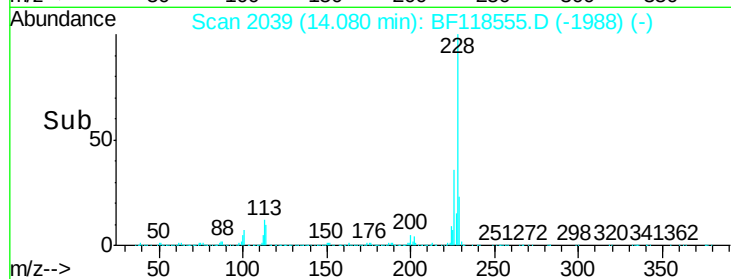
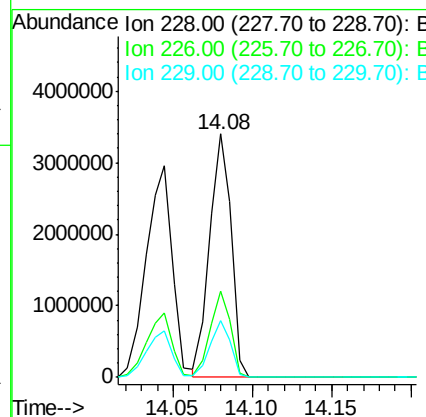
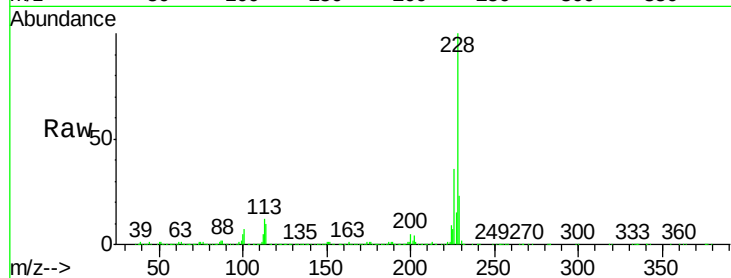
#83
 Chrysene
 Concen: 47.519 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:228 Resp: 3241119
 Ion Ratio Lower Upper
 228 100
 226 35.5 28.2 42.2
 229 23.1 18.2 27.2

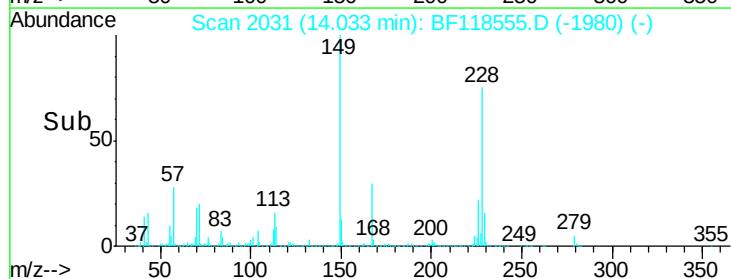
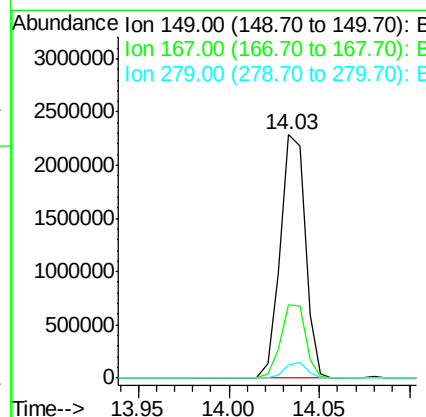
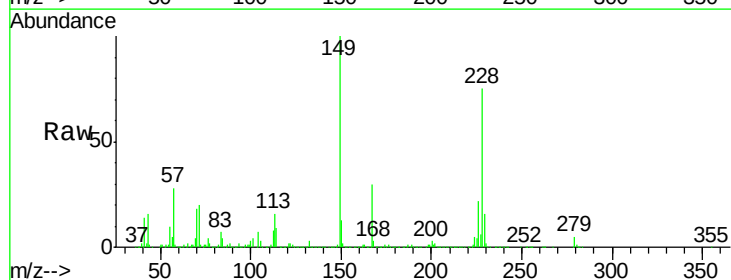
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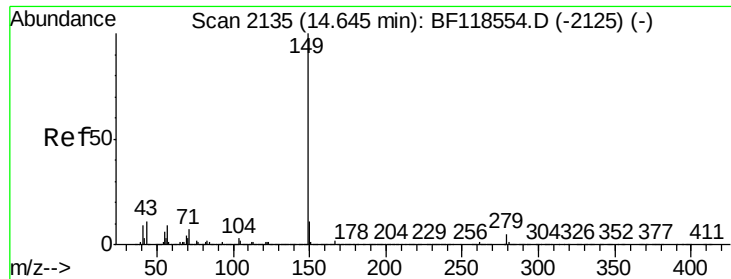
mohammad
 1/21/2020 7:58:20 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.459 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF118555.D
 Acq: 17 Jan 2020 12:02

Tgt Ion:149 Resp: 2202811
 Ion Ratio Lower Upper
 149 100
 167 30.0 23.9 35.9
 279 5.2 4.2 6.2





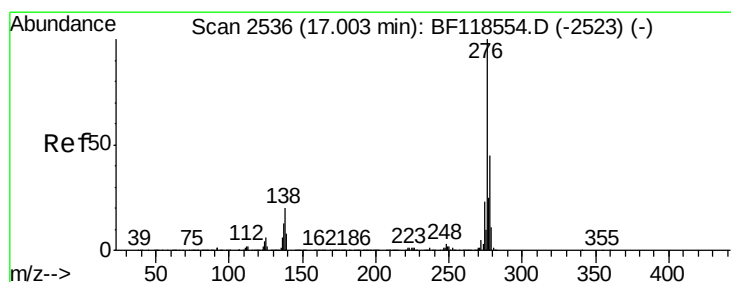
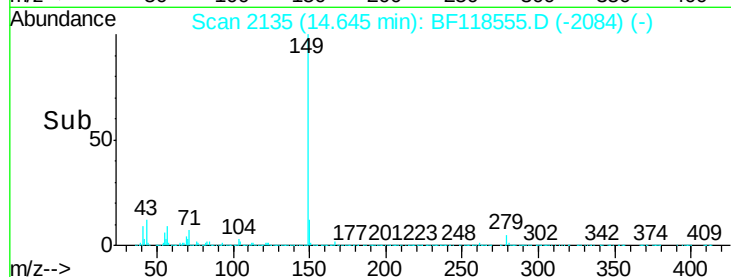
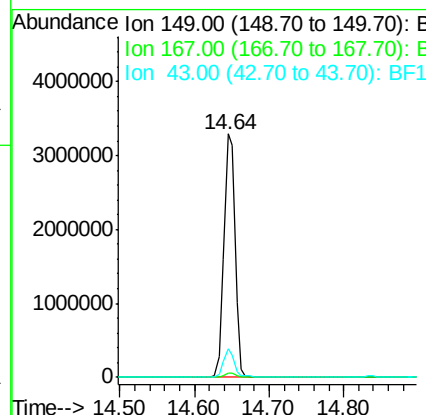
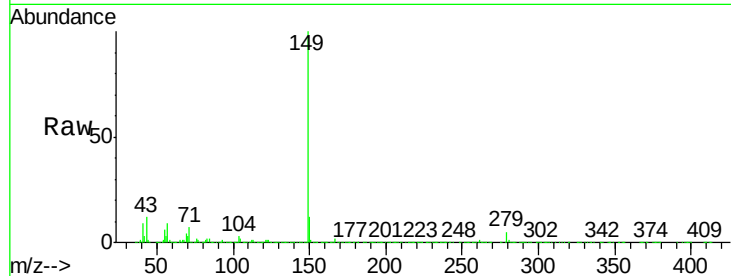
#85
Di-n-octyl phthalate
Concen: 43.261 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	11.1	8.9	13.3

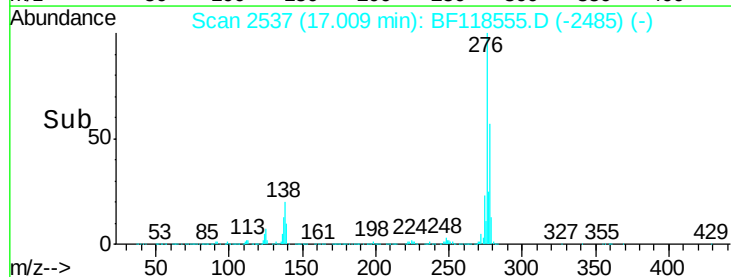
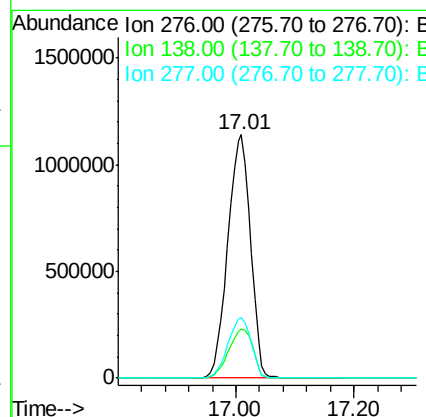
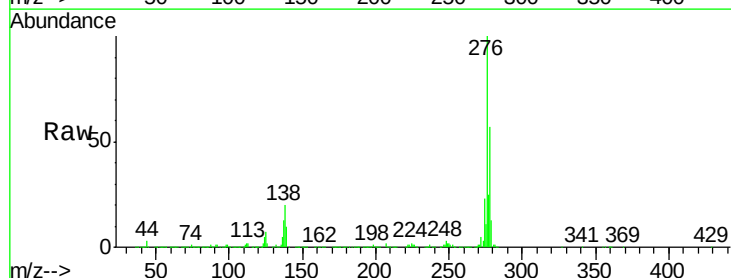
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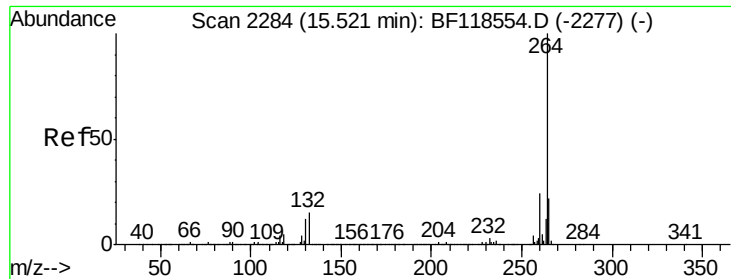
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.685 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.3	25.9
277	25.5	20.5	30.7





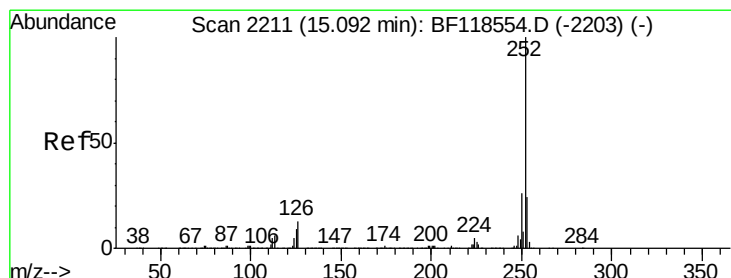
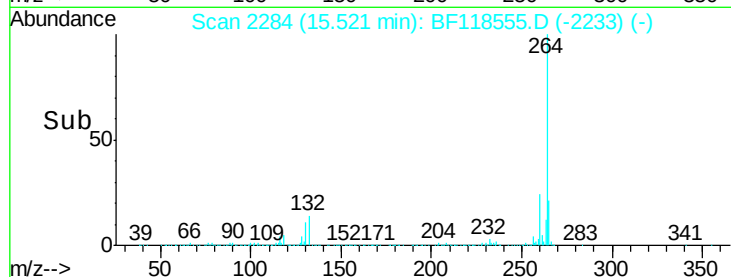
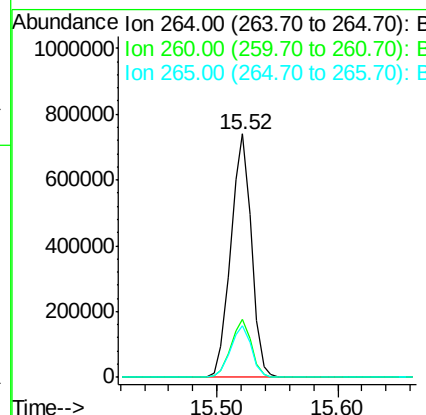
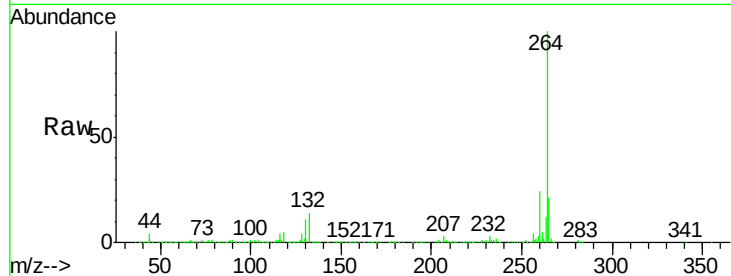
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.3	17.6	26.4

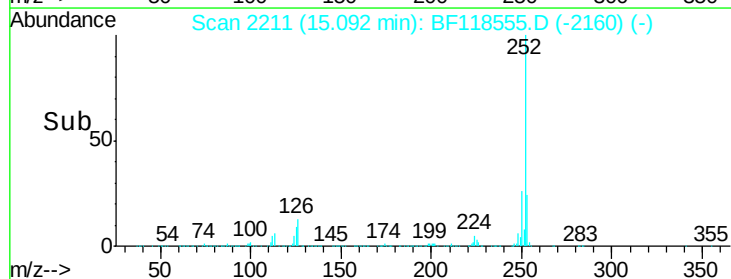
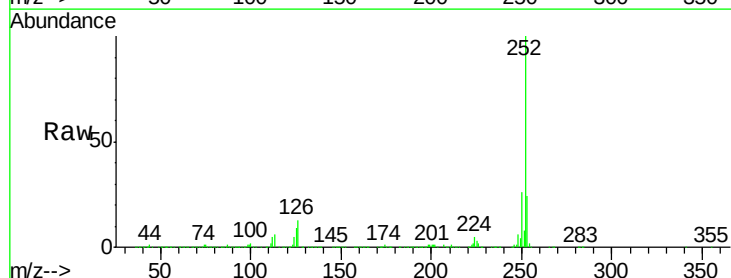
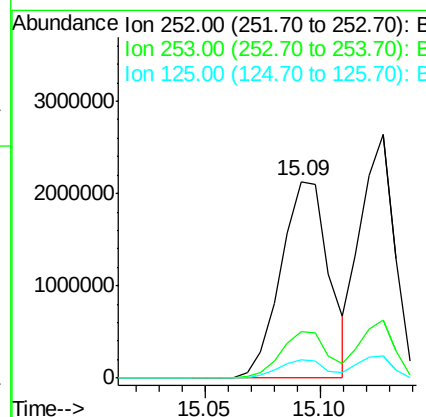
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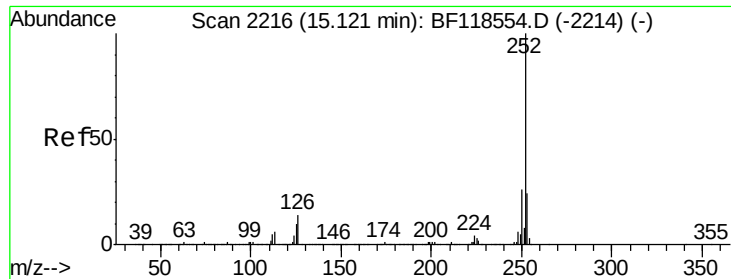
mohammad
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#88
Benzo(b)fluoranthene
Concen: 55.154 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.1	28.7
125	9.3	7.5	11.3





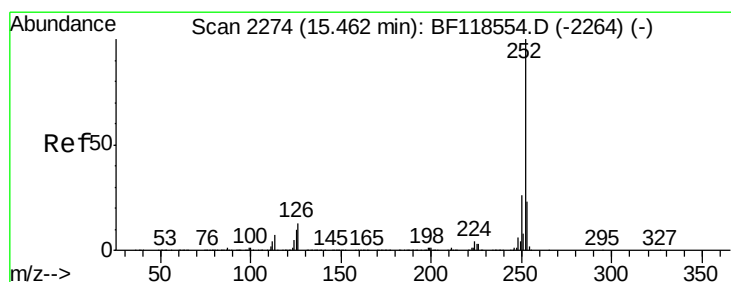
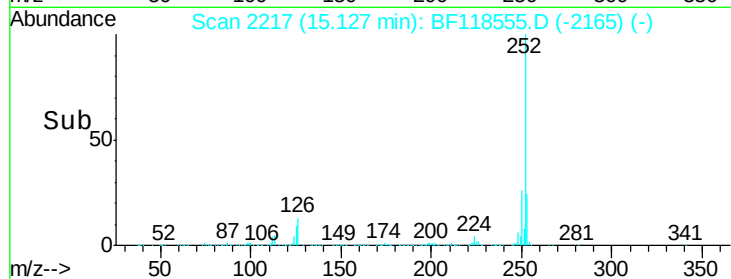
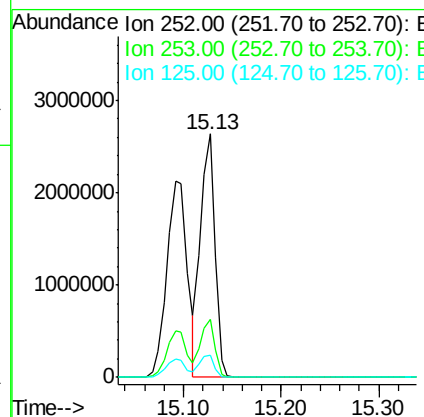
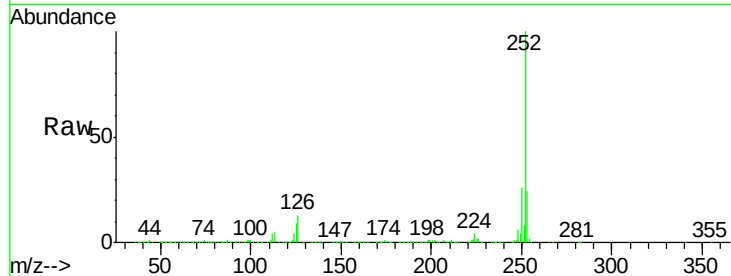
#89
Benzo(k)fluoranthene
Concen: 53.734 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.4
125	9.0	7.8	11.8

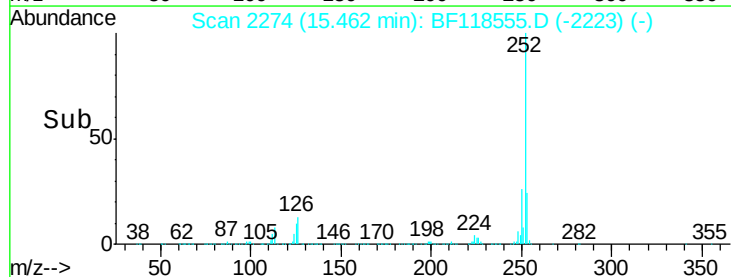
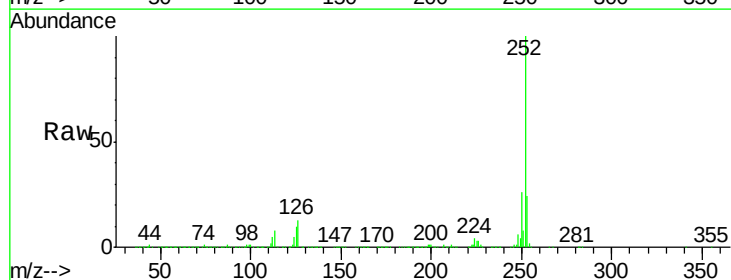
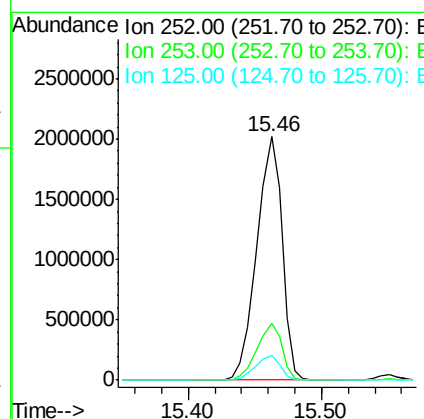
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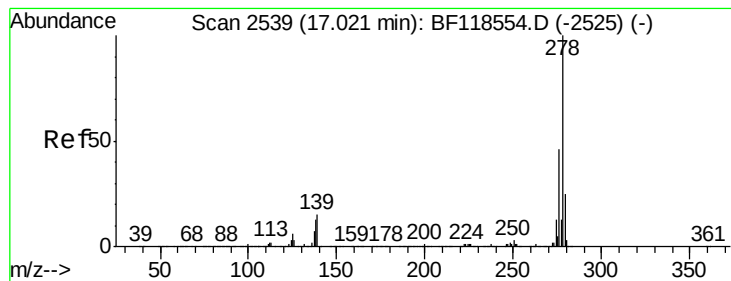
mohammad
1/21/2020 7:58:20 AM



#90
Benzo(a)pyrene
Concen: 52.675 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BF118555.D
Acq: 17 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	10.2	7.8	11.6





#91

Dibenzo(a,h)anthracene

Concen: 55.518 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:278 Resp: 2513086

Ion Ratio Lower Upper

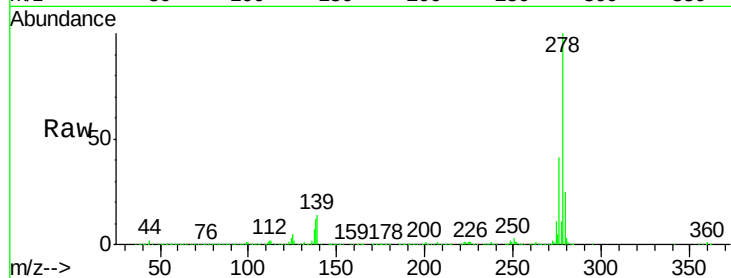
278 100

139 13.8 11.7 17.5

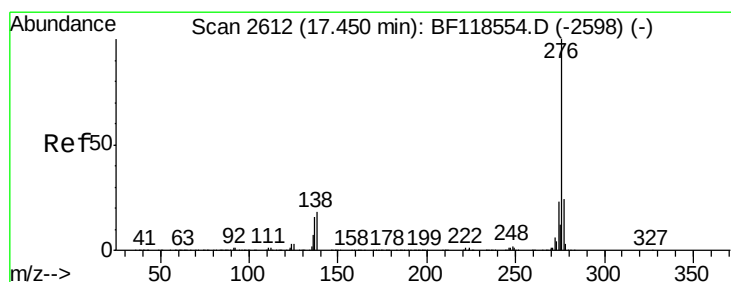
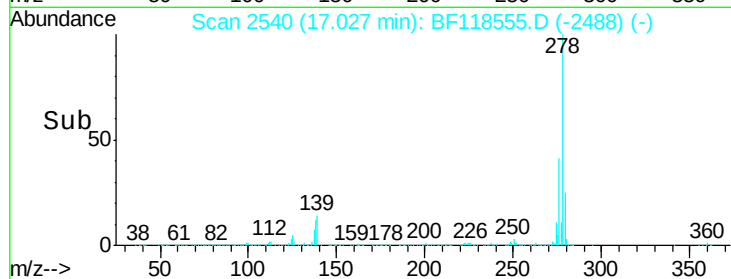
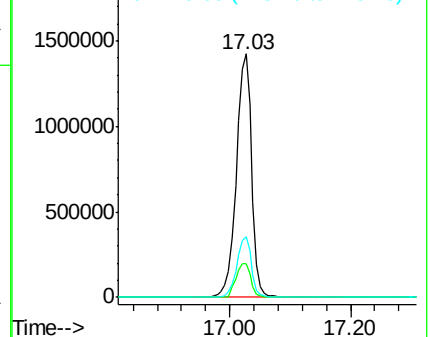
279 24.8 20.0 30.0

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



#92

Benzo(g,h,i)perylene

Concen: 54.782 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.01 min

Lab File: BF118555.D

Acq: 17 Jan 2020 12:02

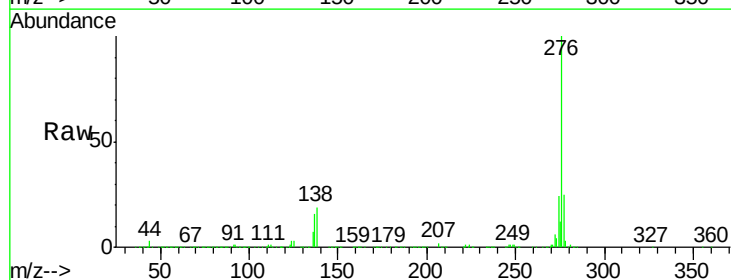
Tgt Ion:276 Resp: 2412422

Ion Ratio Lower Upper

276 100

277 24.8 19.1 28.7

138 18.8 14.7 22.1



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

