

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114160.D
 Acq On : 11 May 2019 16:54
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 12 05:53:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	349277	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1438282	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	670120	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1291930	20.00	ng	0.00
76) Chrysene-d12	14.01	240	876103	20.00	ng	-0.01
87) Perylene-d12	15.47	264	829330	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1529859	70.49	ng	0.00
7) Phenol-d6	6.49	99	2059065	80.21	ng	0.00
23) Nitrobenzene-d5	7.42	82	2088949	81.51	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	534124	77.10	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3288876	74.24	ng	0.00
79) Terphenyl-d14	12.95	244	3170885	74.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	404336	33.893	ng	99
3) Pyridine	3.39	79	1103097	33.560	ng	99
4) n-Nitrosodimethylamine	3.35	42	532849	33.617	ng	95
6) Aniline	6.52	93	1494330	40.299	ng	99
8) 2-Chlorophenol	6.64	128	938757	40.515	ng	98
9) Benzaldehyde	6.40	77	729416	40.588	ng	99
10) Phenol	6.50	94	1200292	39.748	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	960452	41.894	ng	100
12) 1,3-Dichlorobenzene	6.79	146	1056082	40.605	ng	98
13) 1,4-Dichlorobenzene	6.87	146	1065118	40.640	ng	98
14) 1,2-Dichlorobenzene	7.03	146	998663	41.708	ng	98
15) Benzyl Alcohol	6.99	79	834565	41.684	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1935530	43.542	ng	98
17) 2-Methylphenol	7.11	107	825913	43.393	ng	99
18) Hexachloroethane	7.36	117	423759	43.075	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	688340	42.305	ng	99
20) 3+4-Methylphenols	7.26	107	920411	41.854	ng	95
22) Acetophenone	7.26	105	1264242	39.678	ng	98
24) Nitrobenzene	7.43	77	1084364	41.542	ng	98
25) Isophorone	7.67	82	1936395	40.740	ng	100
26) 2-Nitrophenol	7.75	139	545701	43.090	ng	96
27) 2,4-Dimethylphenol	7.79	122	807870	40.616	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1290820	41.855	ng	100
29) 2,4-Dichlorophenol	7.99	162	804047	40.596	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	909087	40.365	ng	98
31) Naphthalene	8.16	128	2706671	40.287	ng	100
32) Benzoic acid	7.92	122	566642	41.131	ng	100
33) 4-Chloroaniline	8.20	127	1257504	41.074	ng	99
34) Hexachlorobutadiene	8.27	225	514994	40.188	ng	98
35) Caprolactam	8.58	113	278028	43.050	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	840403	42.154	ng	99
37) 2-Methylnaphthalene	8.85	142	1822012	42.033	ng	97
38) 1-Methylnaphthalene	8.95	142	1692147	41.453	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	823262	40.556	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	341205	38.453	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	587484	42.076	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	584105	40.792	ng	99
46) 1,1'-Biphenyl	9.31	154	2141155	39.551	ng	99
47) 2-Chloronaphthalene	9.33	162	1732360	39.762	ng	99
48) 2-Nitroaniline	9.43	65	629957	40.770	ng	99
49) Acenaphthylene	9.75	152	2638391	39.816	ng	99
50) Dimethylphthalate	9.61	163	1977752	40.204	ng	100
51) 2,6-Dinitrotoluene	9.67	165	447263	40.992	ng	97
52) Acenaphthene	9.92	154	1596753	39.268	ng	99
53) 3-Nitroaniline	9.84	138	553908	40.896	ng	100
54) 2,4-Dinitrophenol	9.95	184	213725	42.416	ng	99
55) Dibenzofuran	10.09	168	2300593	38.583	ng	99
56) 4-Nitrophenol	10.00	139	378080	39.472	ng	89
57) 2,4-Dinitrotoluene	10.07	165	584769	39.486	ng	96
58) Fluorene	10.43	166	1746771	37.927	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	486656	39.389	ng	99
60) Diethylphthalate	10.30	149	1927575	38.564	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	867609	38.355	ng	97
62) 4-Nitroaniline	10.46	138	559879	39.338	ng	92
63) Azobenzene	10.59	77	1895910	39.187	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	281834	45.399	ng	91
66) n-Nitrosodiphenylamine	10.55	169	1601161	40.835	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	584162	41.067	ng	96
68) Hexachlorobenzene	10.99	284	631330	40.119	ng	98
69) Atrazine	11.07	200	513938	42.119	ng	98
70) Pentachlorophenol	11.18	266	318718	42.725	ng	98
71) Phenanthrene	11.40	178	2508949	39.917	ng	100
72) Anthracene	11.45	178	2551269	40.412	ng	100
73) Carbazole	11.60	167	2408797	40.012	ng	100
74) Di-n-butylphthalate	11.93	149	2915356	42.034	ng	98
75) Fluoranthene	12.59	202	2645214	39.081	ng	99
77) Benzidine	12.70	184	1522918	38.725	ng	99
78) Pyrene	12.82	202	2681638	38.049	ng	99
80) Butylbenzylphthalate	13.42	149	1263066	42.578	ng	95
81) Benzo(a)anthracene	14.00	228	2265595	39.982	ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	953711	43.385	ng	# 98
83) Chrysene	14.04	228	2243995	40.397	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1634476	42.128	ng	# 99
85) Di-n-octyl phthalate	14.60	149	2627447	41.776	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1939301	39.503	ng	99
88) Benzo(b)fluoranthene	15.05	252	2275988	42.837	ng	98
89) Benzo(k)fluoranthene	15.08	252	1865372	38.220	ng	99
90) Benzo(a)pyrene	15.42	252	1909408	40.834	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1576300	40.568	ng	100
92) Benzo(g,h,i)perylene	17.38	276	1477343	37.940	ng	99

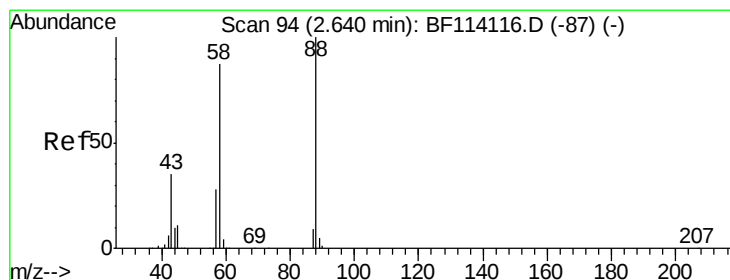
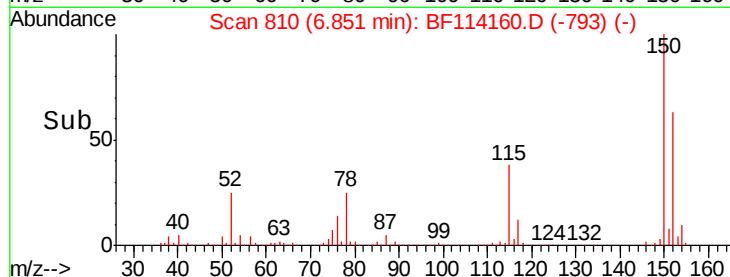
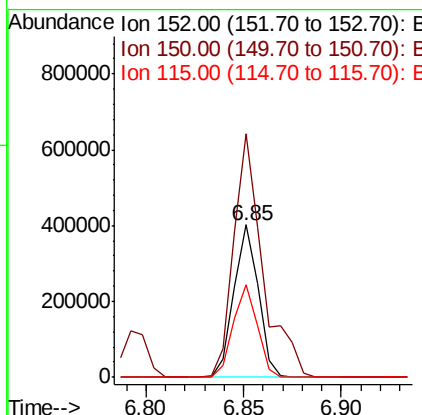
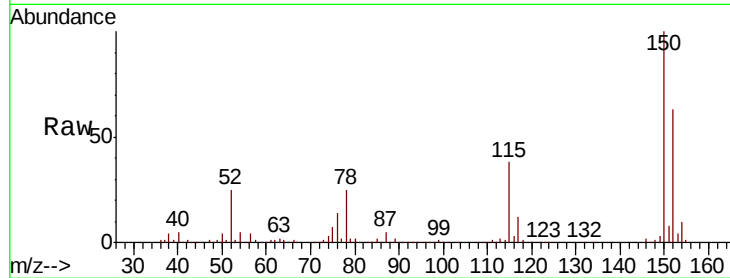
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF114160.D
 Acq: 11 May 2019 16:54

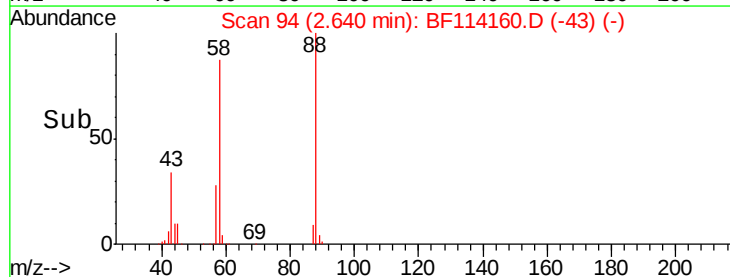
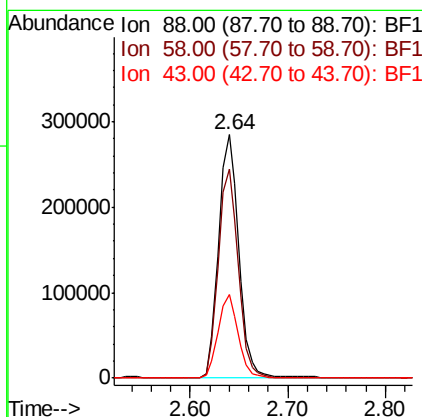
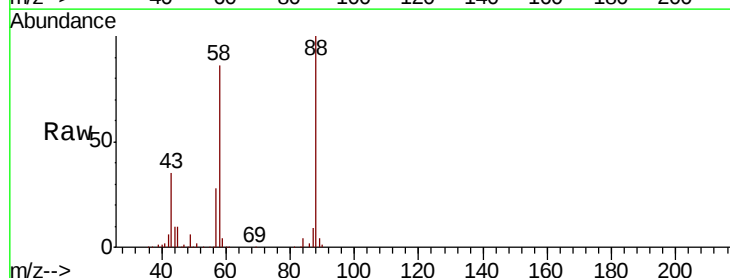
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

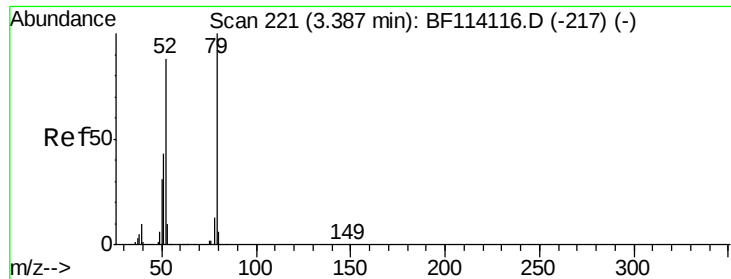
Tgt Ion:152 Resp: 349277
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.3 186.5
 115 60.5 49.1 73.7



#2
 1,4-Dioxane
 Concen: 33.893 ng
 RT: 2.64 min Scan# 94
 Delta R.T. -0.00 min
 Lab File: BF114160.D
 Acq: 11 May 2019 16:54

Tgt Ion: 88 Resp: 404336
 Ion Ratio Lower Upper
 88 100
 58 85.9 68.7 103.1
 43 34.0 28.2 42.2





#3

Pyridine

Concen: 33.560 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

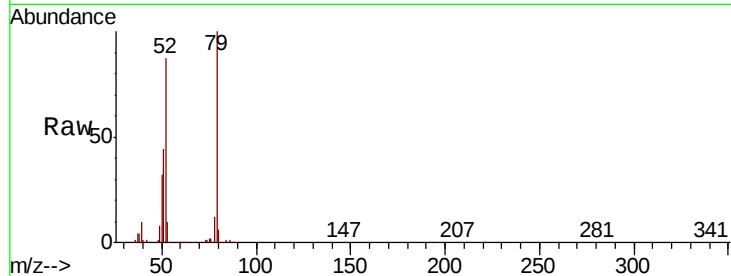
BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 1103097

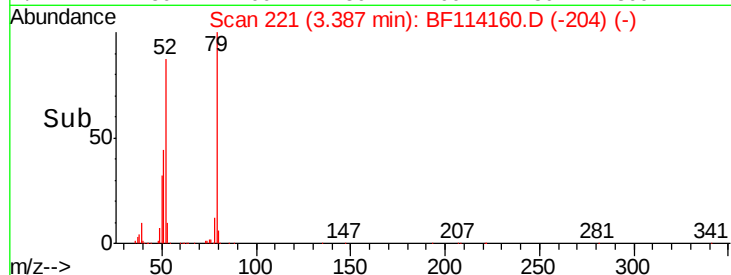
Ion	Ratio	Lower	Upper
79	100		
52	87.3	70.6	105.8
51	44.0	34.2	51.2



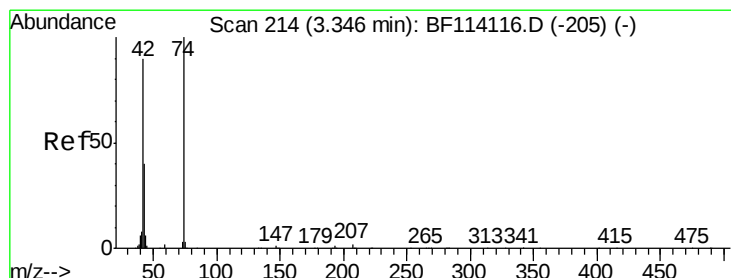
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#4

n-Nitrosodimethylamine

Concen: 33.617 ng

RT: 3.35 min Scan# 214

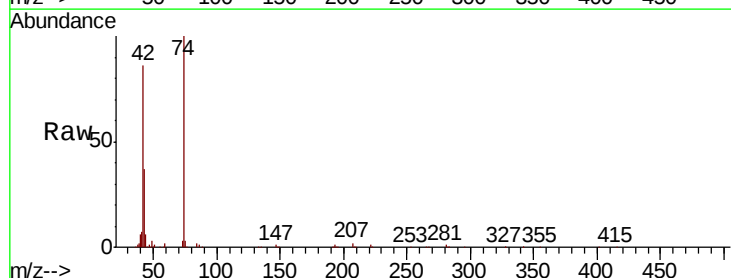
Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Tgt Ion: 42 Resp: 532849

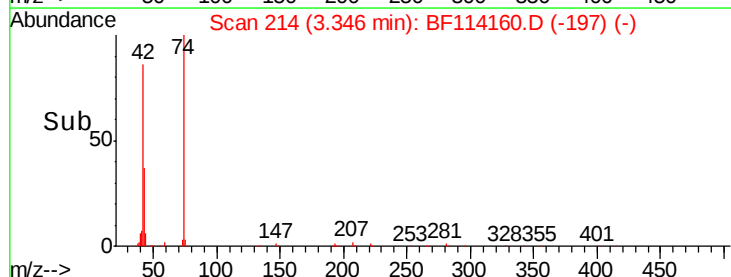
Ion	Ratio	Lower	Upper
42	100		
74	116.0	88.6	132.8
44	7.2	5.5	8.3



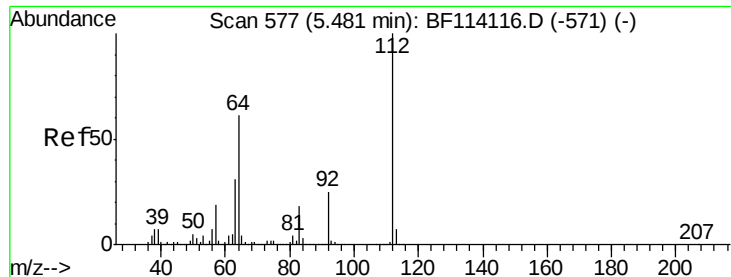
Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1



Time-->



#5

2-Fluorophenol

Concen: 70.487 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

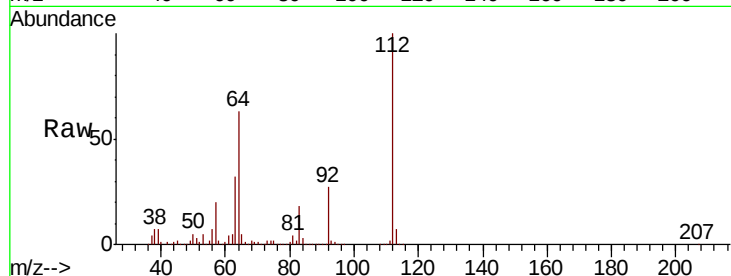
Tgt Ion: 112 Resp: 1529859

Ion Ratio Lower Upper

112 100

64 62.9 49.0 73.6

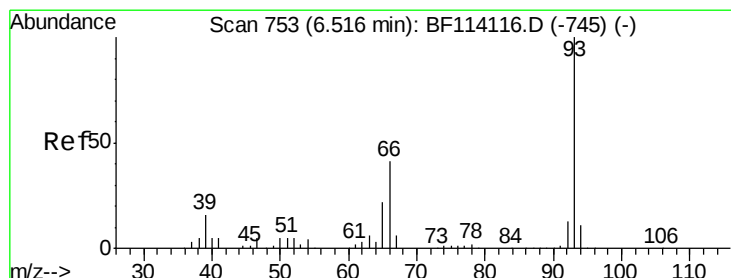
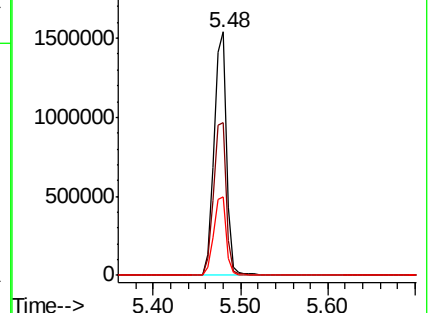
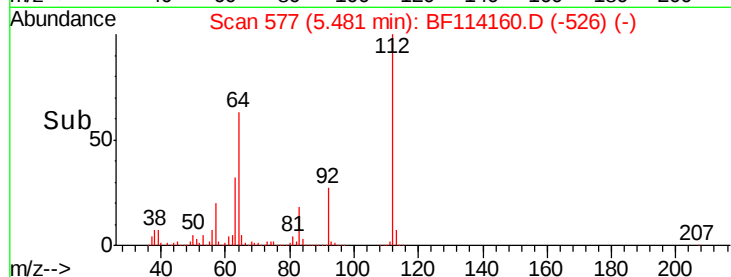
63 32.1 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.299 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

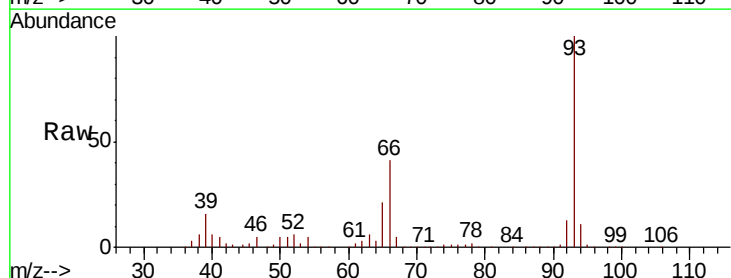
Tgt Ion: 93 Resp: 1494330

Ion Ratio Lower Upper

93 100

66 40.7 33.2 49.8

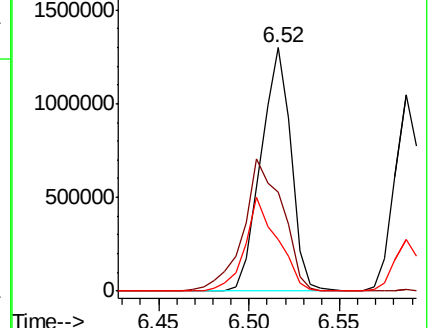
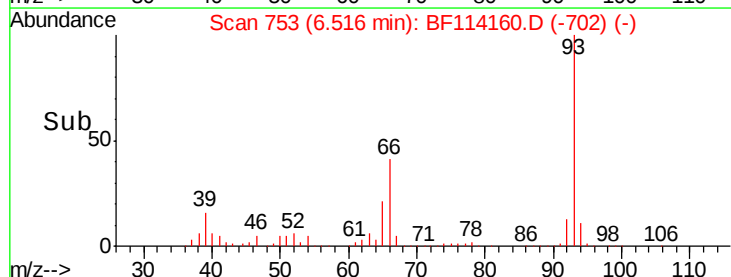
65 21.1 17.6 26.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.212 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

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ClientSampleId :

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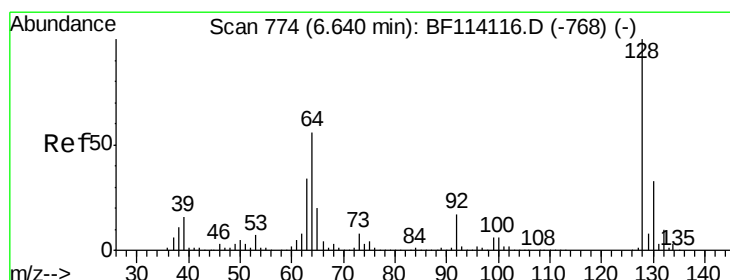
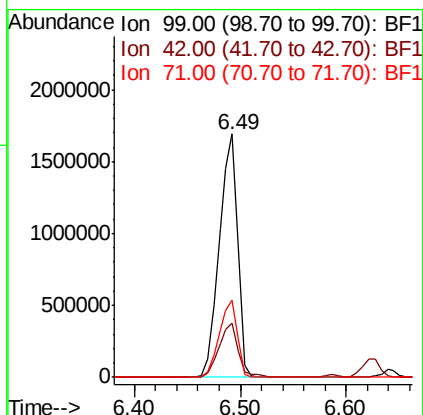
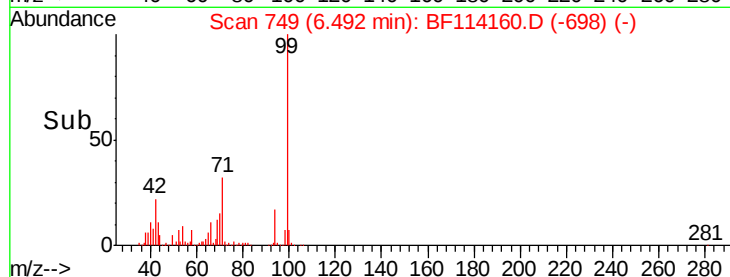
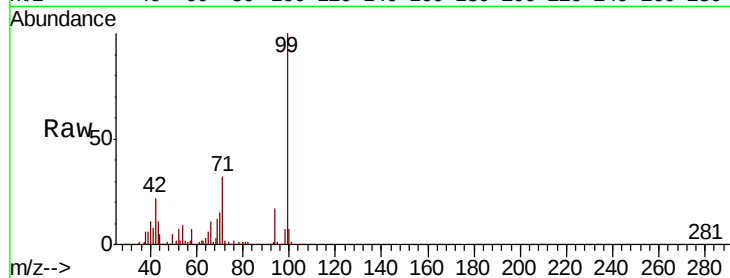
Tgt Ion: 99 Resp: 2059065

Ion Ratio Lower Upper

99 100

42 22.0 17.9 26.9

71 32.0 26.2 39.2



#8

2-Chlorophenol

Concen: 40.515 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

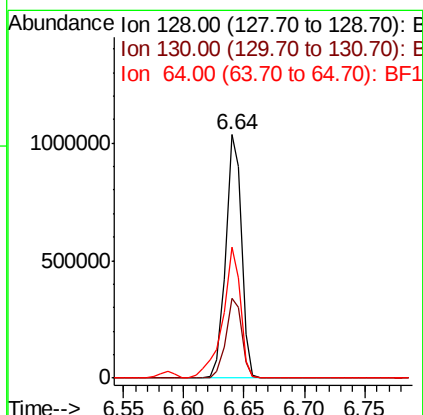
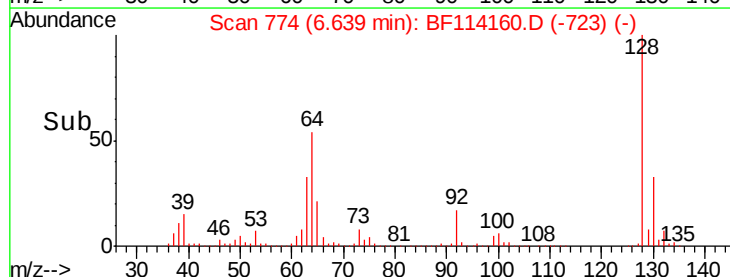
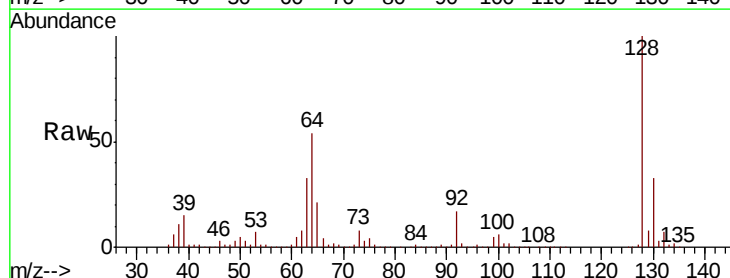
Tgt Ion: 128 Resp: 938757

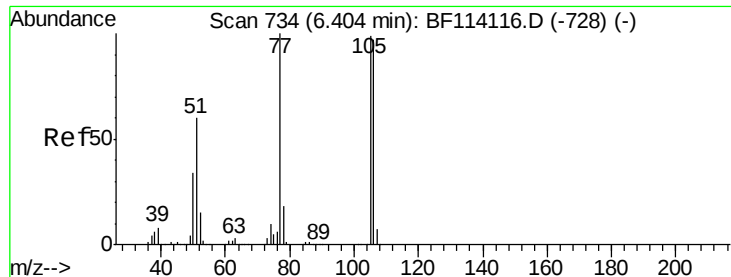
Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

64 53.7 35.9 75.9





#9

Benzaldehyde

Concen: 40.588 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

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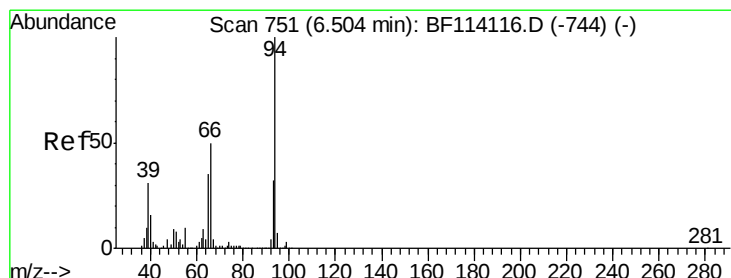
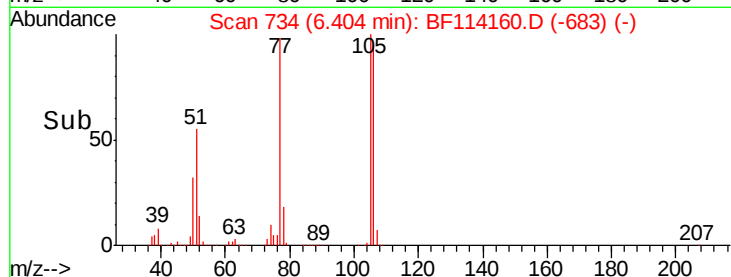
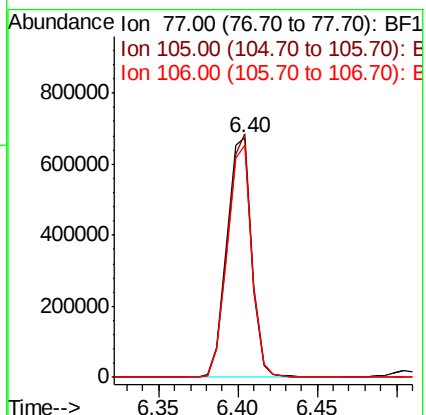
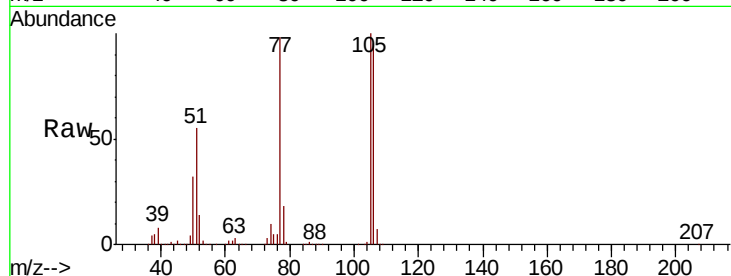
Tgt Ion: 77 Resp: 729416

Ion Ratio Lower Upper

77 100

105 101.7 79.3 119.3

106 97.0 77.0 117.0



#10

Phenol

Concen: 39.748 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

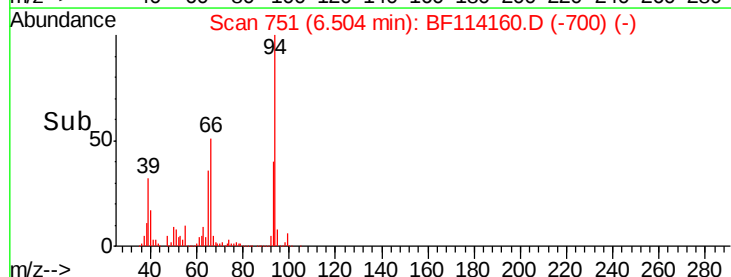
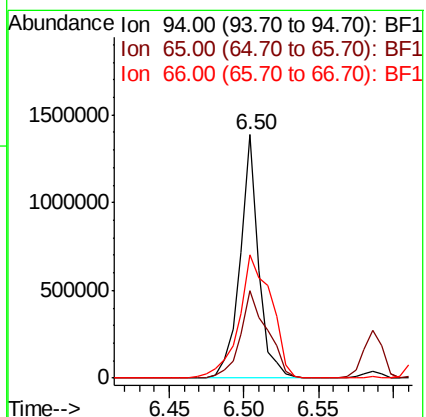
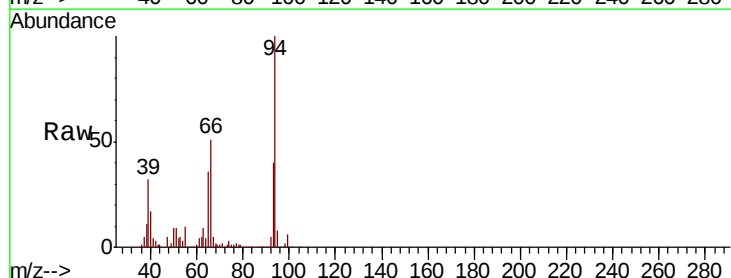
Tgt Ion: 94 Resp: 1200292

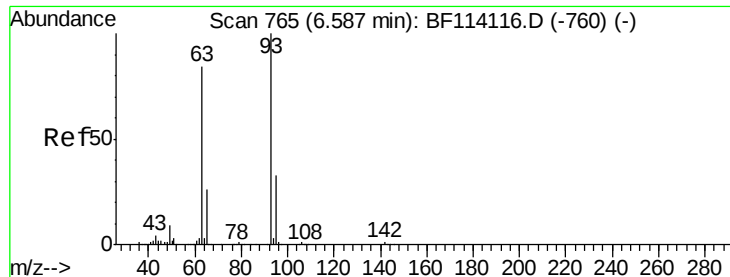
Ion Ratio Lower Upper

94 100

65 36.0 14.7 54.7

66 50.7 29.6 69.6

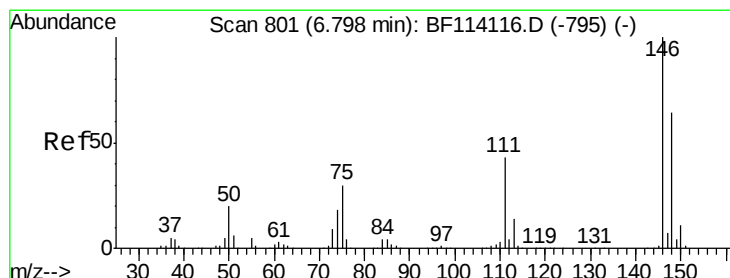
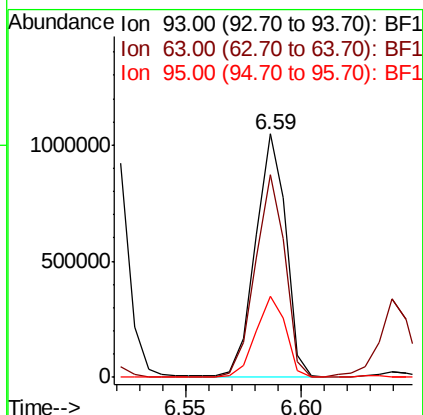
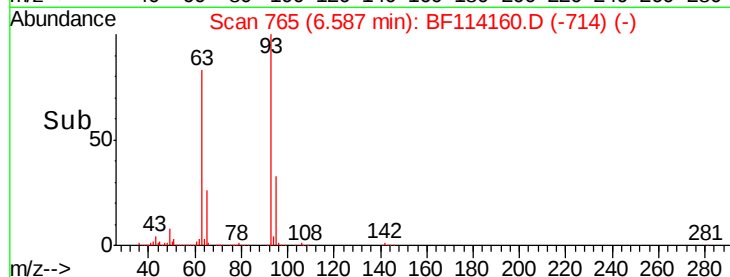
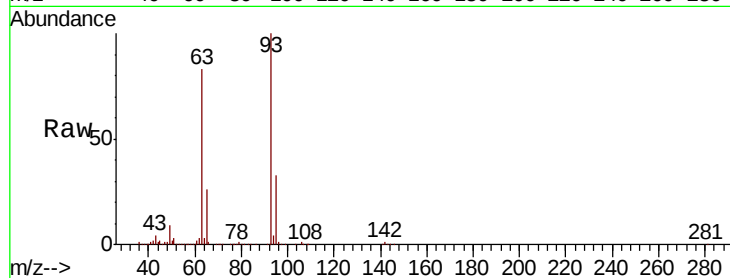




#11
bis(2-Chloroethyl)ether
Concen: 41.894 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

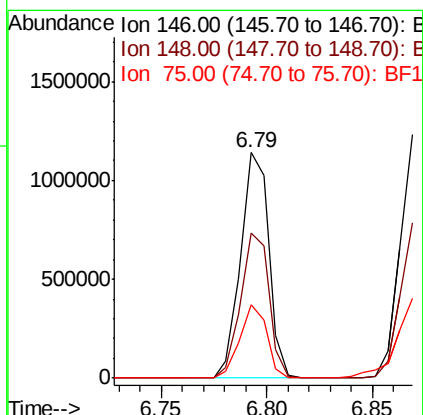
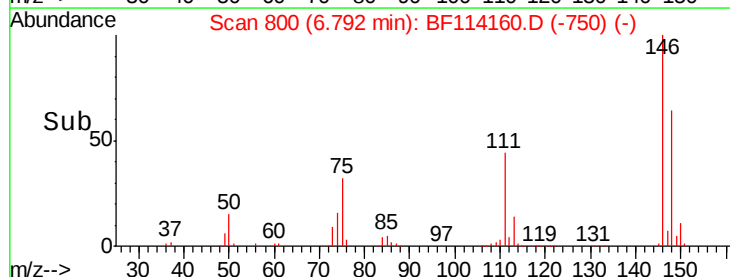
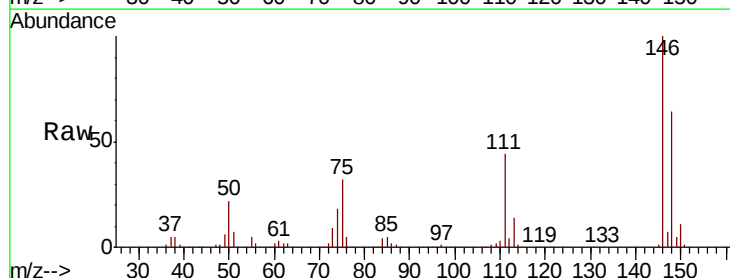
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

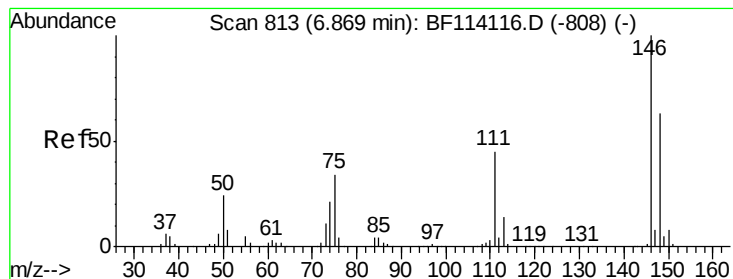
Tgt Ion: 93 Resp: 960452
Ion Ratio Lower Upper
93 100
63 83.1 63.6 103.6
95 33.3 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 40.605 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Tgt Ion: 146 Resp: 1056082
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
75 32.5 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 40.640 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

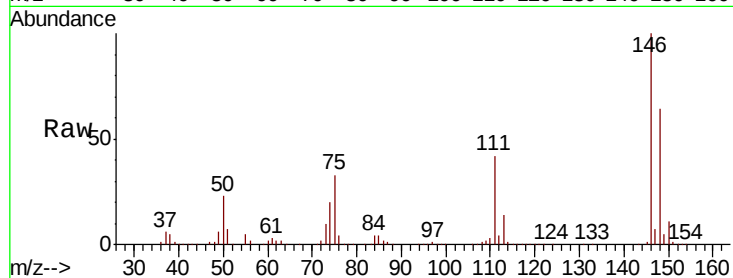
Tgt Ion:146 Resp: 1065118

Ion Ratio Lower Upper

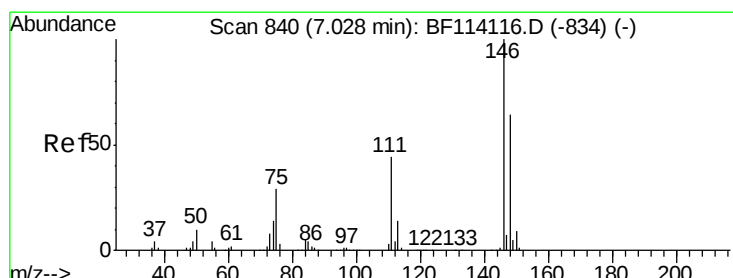
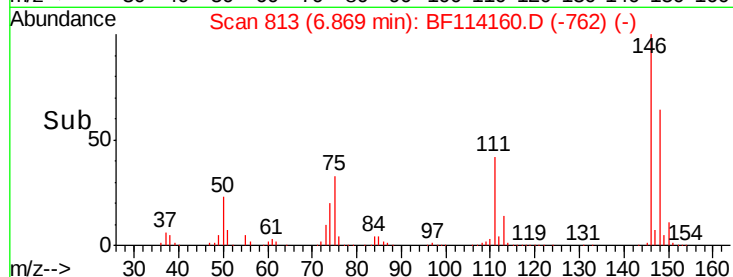
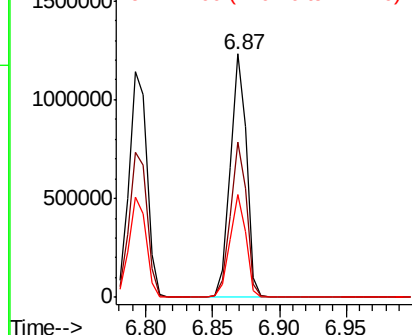
146 100

148 63.8 50.2 75.2

111 42.3 35.8 53.6



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



#14

1,2-Dichlorobenzene

Concen: 41.708 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

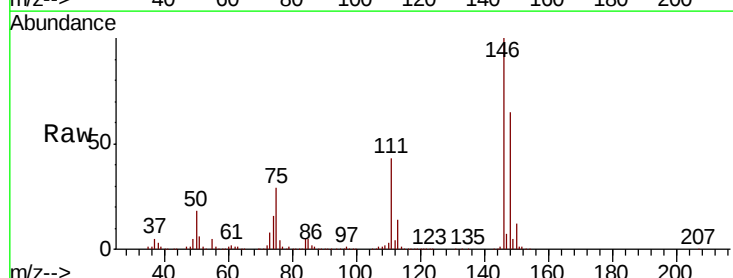
Tgt Ion:146 Resp: 998663

Ion Ratio Lower Upper

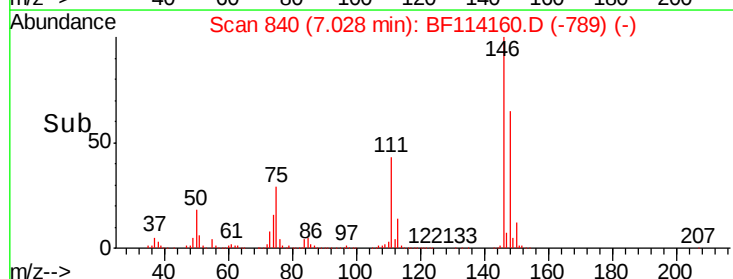
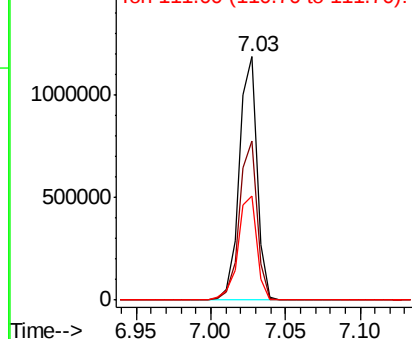
146 100

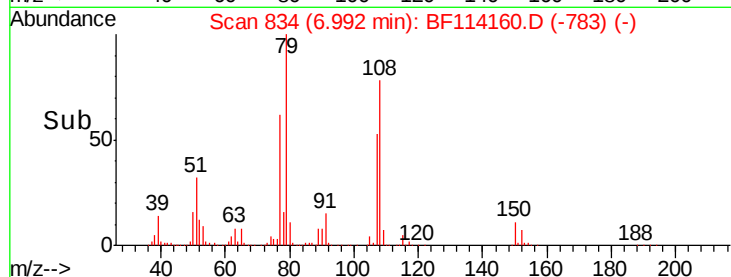
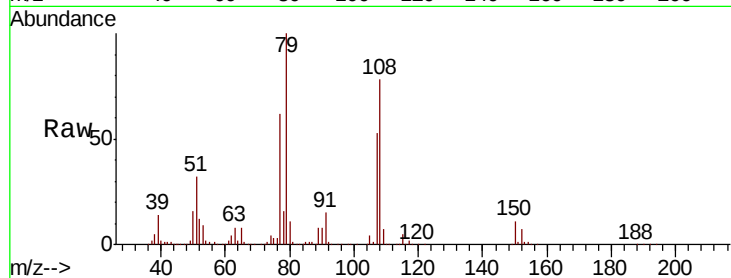
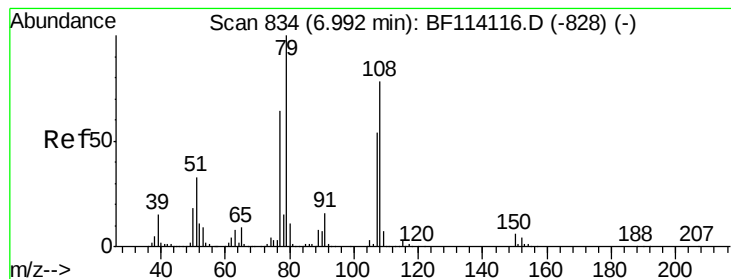
148 65.4 51.1 76.7

111 42.8 35.3 52.9



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





#15

Benzyl Alcohol

Concen: 41.684 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

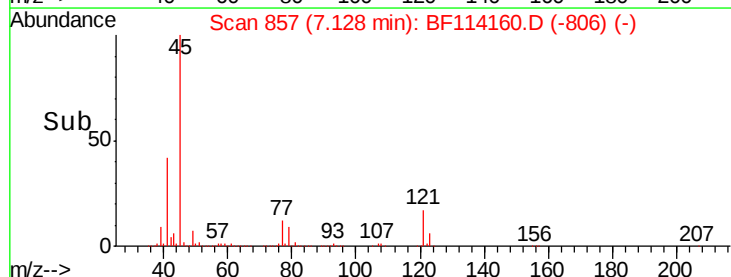
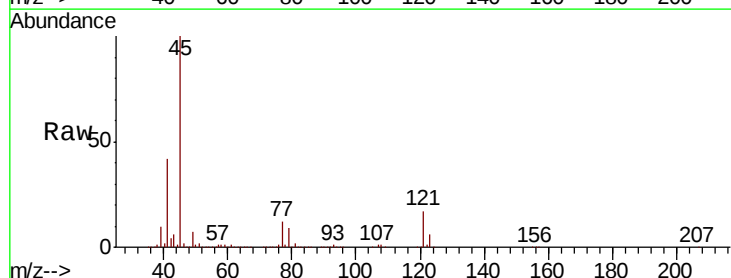
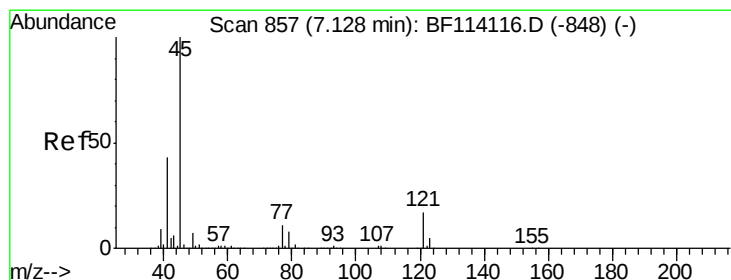
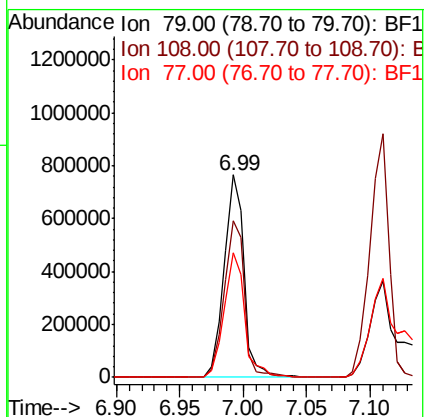
Tgt Ion: 79 Resp: 834565

Ion Ratio Lower Upper

79 100

108 77.7 62.1 93.1

77 61.7 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.542 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

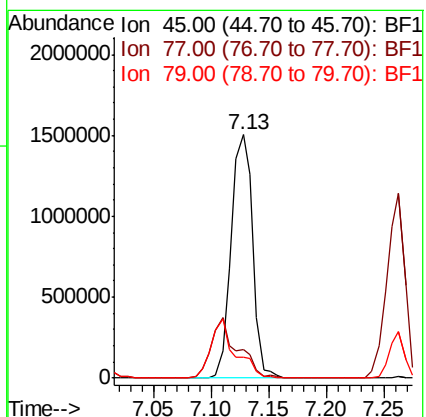
Tgt Ion: 45 Resp: 1935530

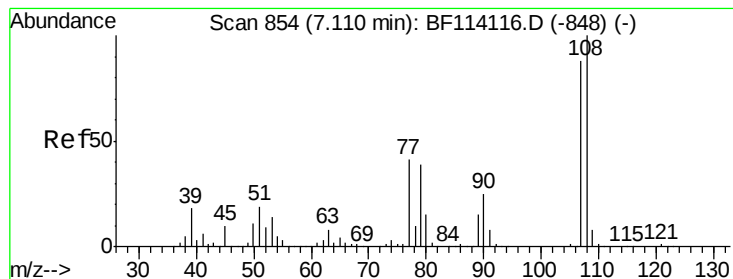
Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.1

79 8.7 0.0 28.4





#17

2-Methylphenol

Concen: 43.393 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 825913

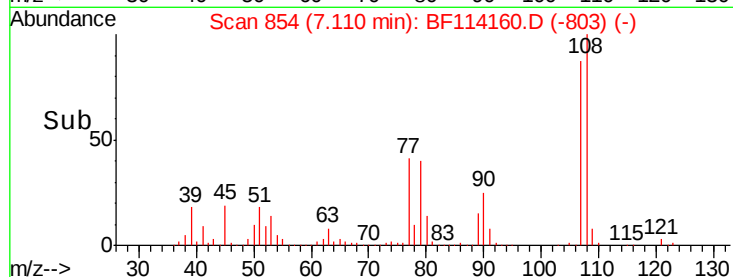
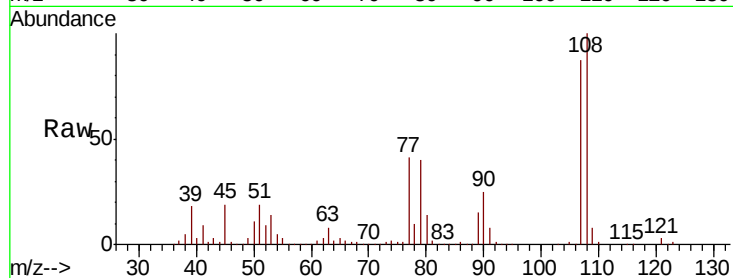
Ion Ratio Lower Upper

107 100

108 114.4 90.5 135.7

77 46.7 37.0 55.4

79 45.3 35.8 53.8

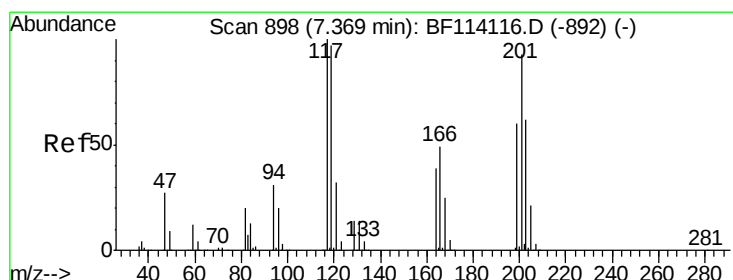
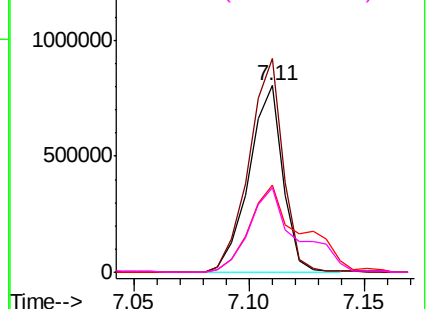


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 43.075 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

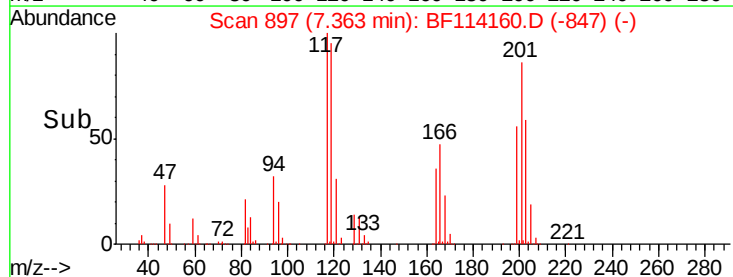
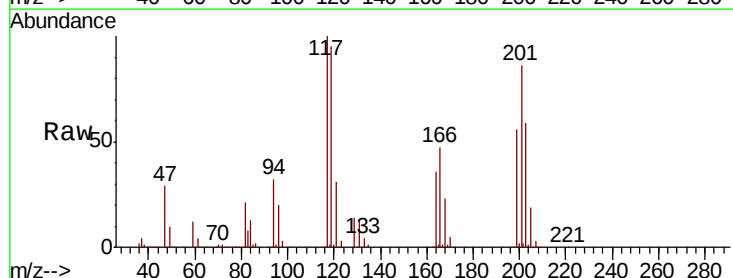
Tgt Ion:117 Resp: 423759

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.2

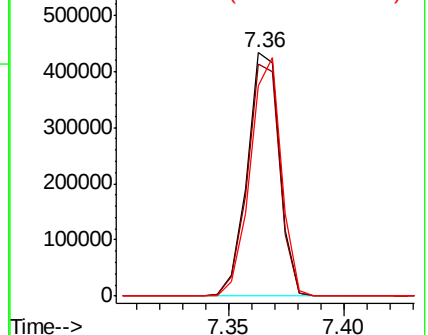
201 86.2 74.5 111.7



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

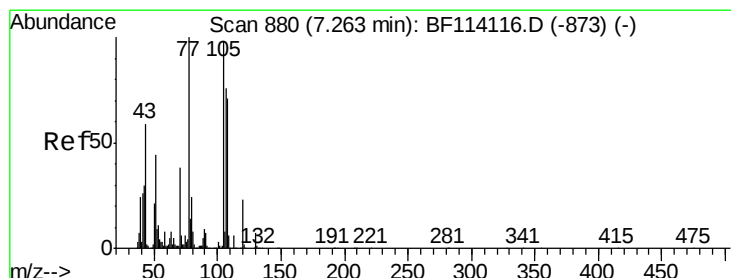
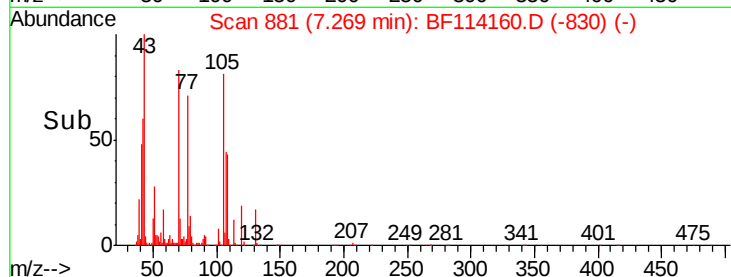
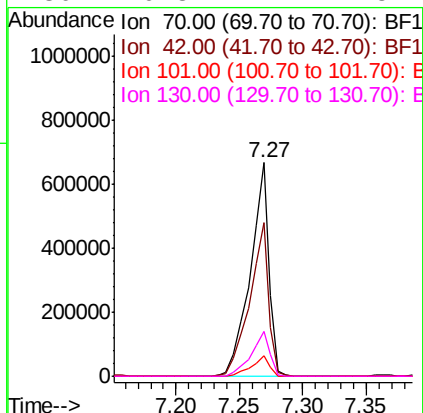
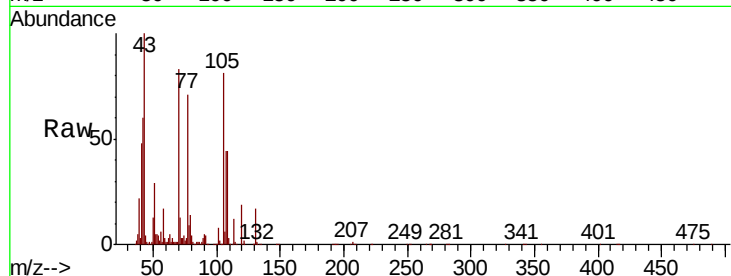




#19
n-Nitroso-di-n-propylamine
Concen: 42.305 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

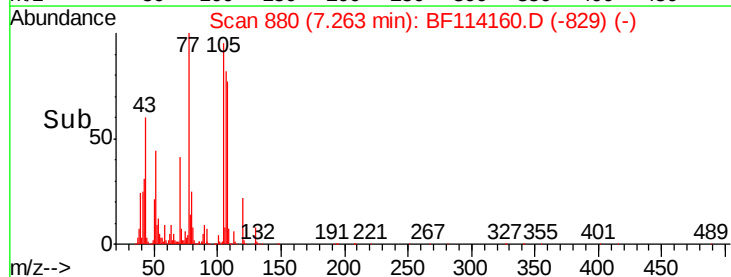
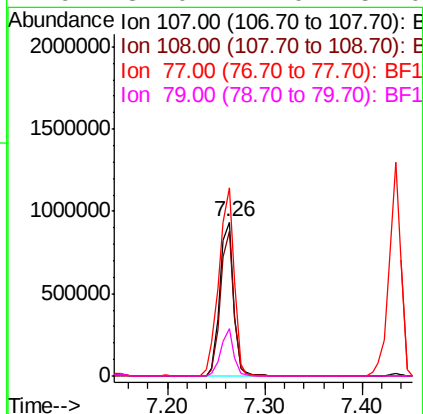
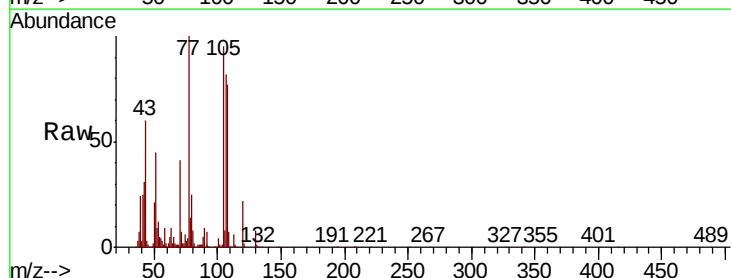
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

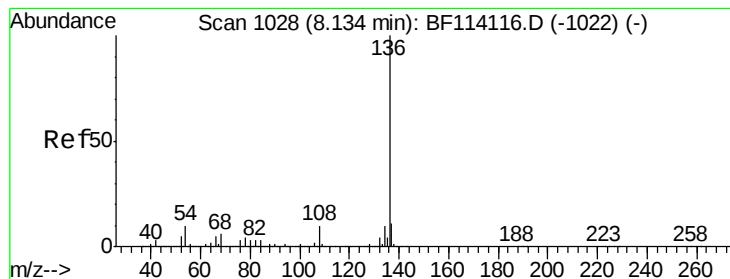
Tgt Ion:	70	Resp:	688340
Ion	Ratio	Lower	Upper
70	100		
42	71.9	58.6	87.8
101	9.6	7.8	11.8
130	20.8	17.1	25.7



#20
3+4-Methylphenols
Concen: 41.854 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Tgt Ion:	107	Resp:	920411
Ion	Ratio	Lower	Upper
107	100		
108	93.5	73.8	113.8
77	121.9	111.5	151.5
79	31.0	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 1438282

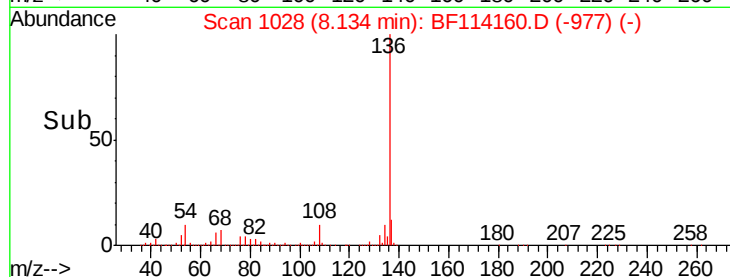
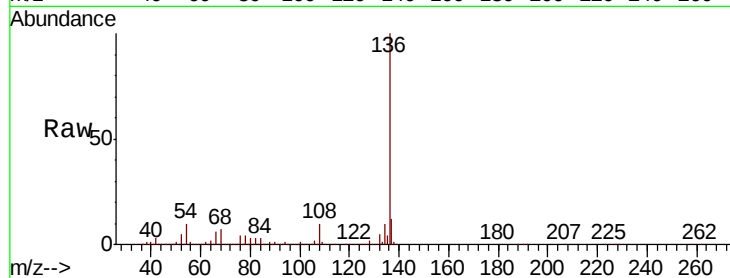
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 10.0 7.8 11.8

68 7.1 5.1 7.7

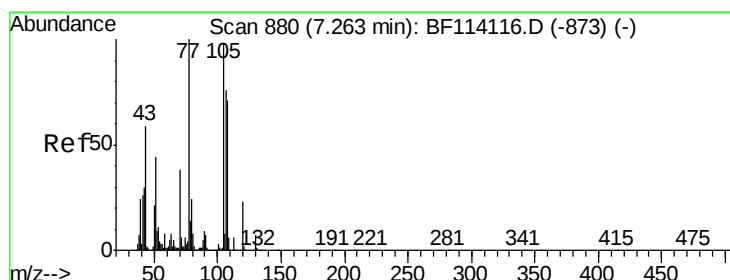
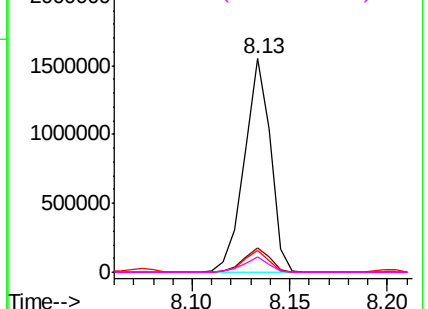


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.678 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Tgt Ion:105 Resp: 1264242

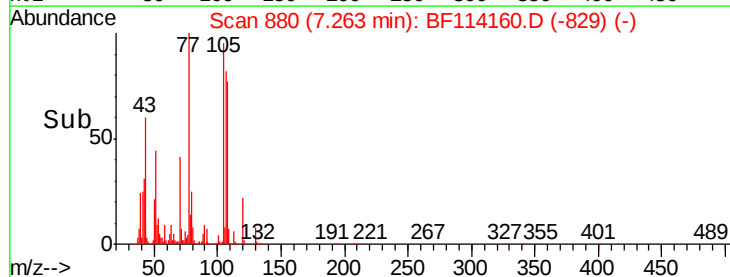
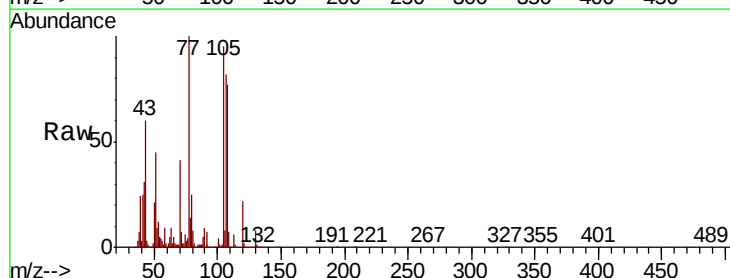
Ion Ratio Lower Upper

105 100

71 7.4 5.3 7.9

51 46.8 36.2 54.4

120 23.0 18.6 28.0

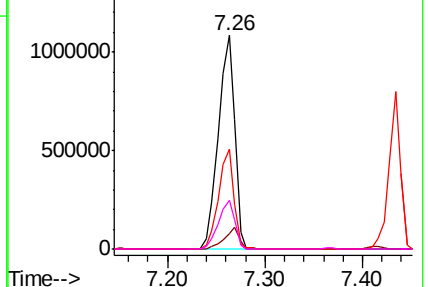


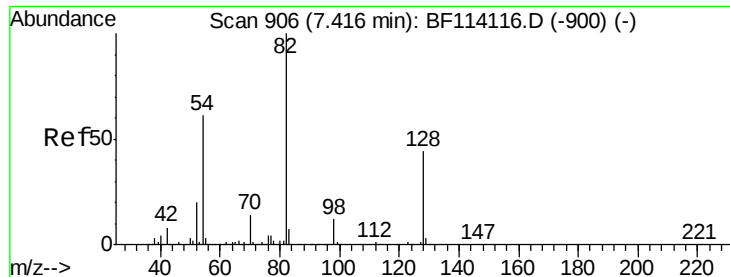
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

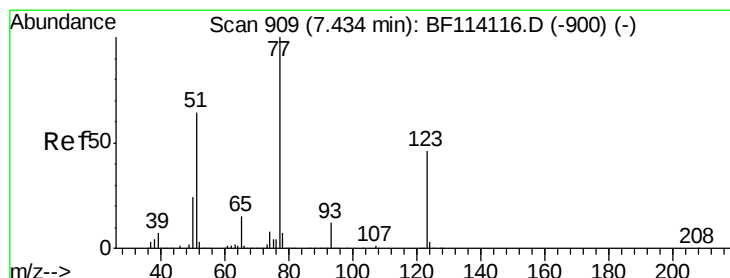
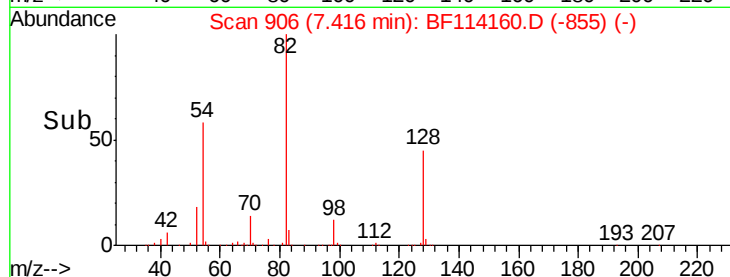
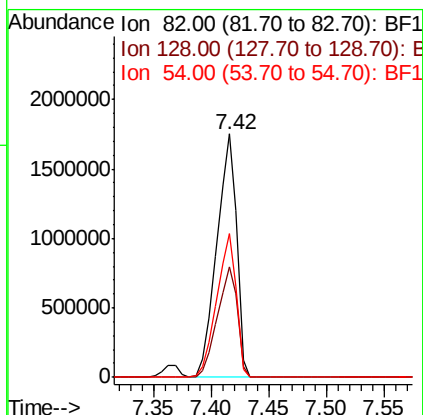
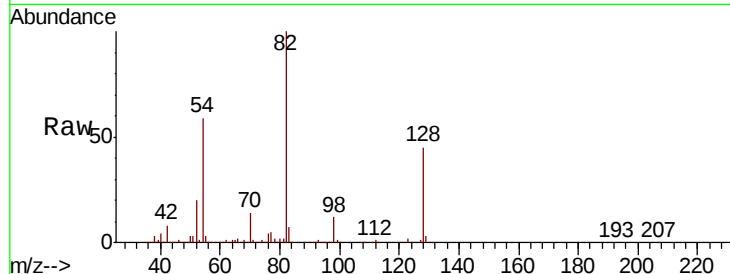




#23
 Nitrobenzene-d5
 Concen: 81.508 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF114160.D
 Acq: 11 May 2019 16:54

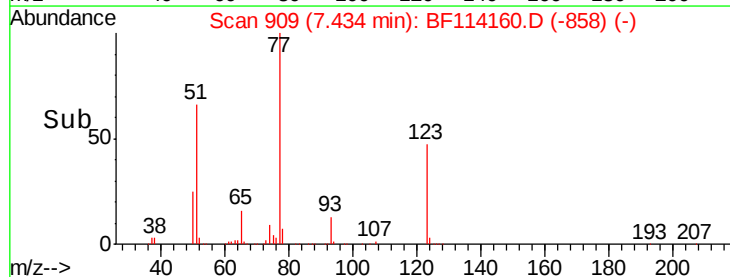
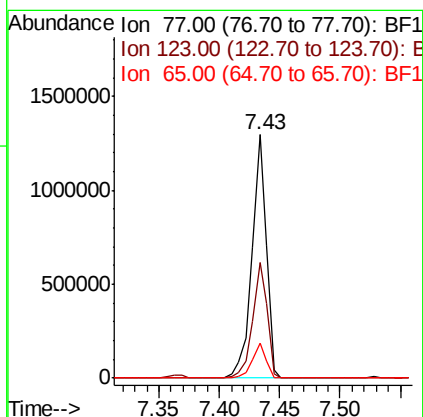
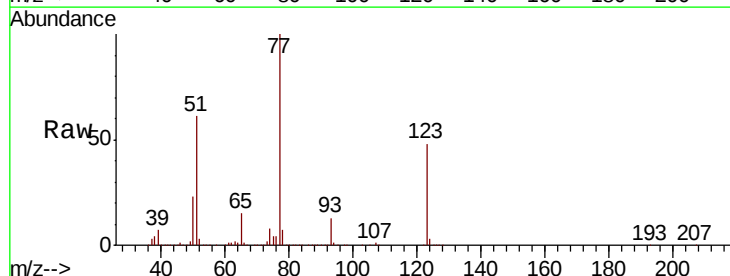
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

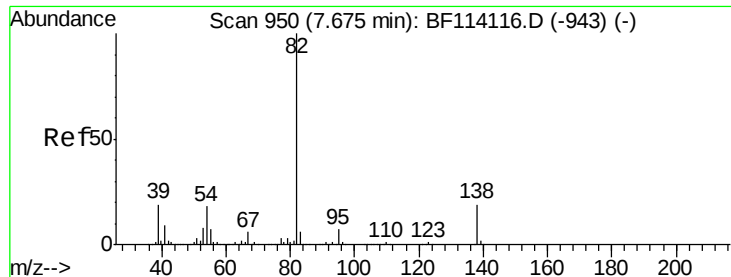
Tgt Ion: 82 Resp: 2088949
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.5 53.3
 54 59.2 48.5 72.7



#24
 Nitrobenzene
 Concen: 41.542 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF114160.D
 Acq: 11 May 2019 16:54

Tgt Ion: 77 Resp: 1084364
 Ion Ratio Lower Upper
 77 100
 123 47.6 36.9 55.3
 65 14.6 11.8 17.6





#25

Isophorone

Concen: 40.740 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

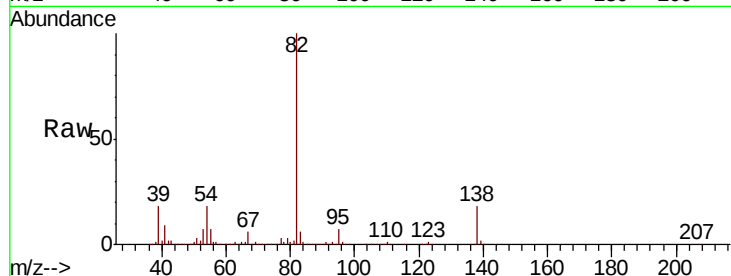
Tgt Ion: 82 Resp: 1936395

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

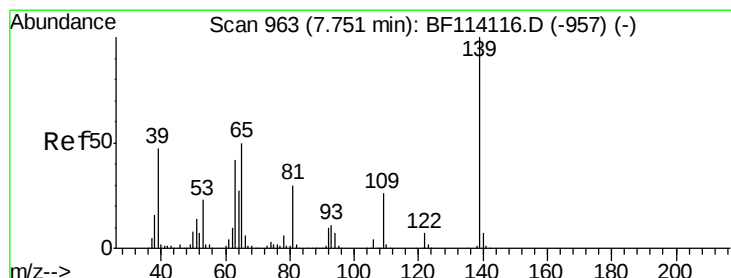
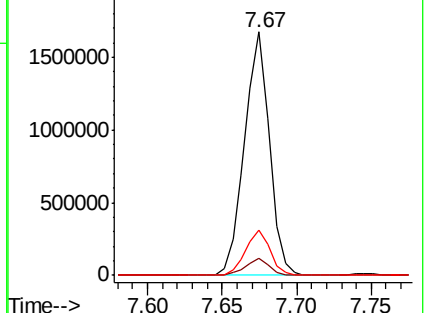
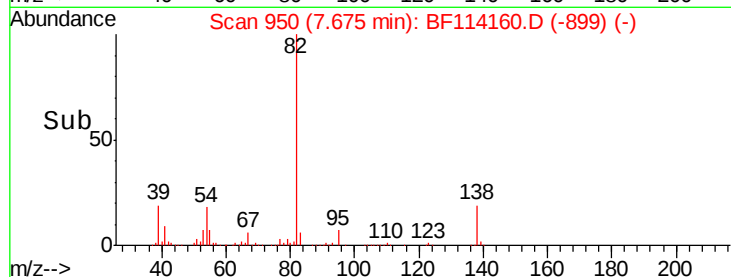
138 18.4 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.090 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

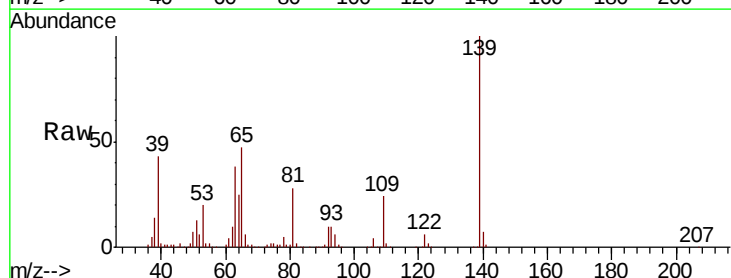
Tgt Ion: 139 Resp: 545701

Ion Ratio Lower Upper

139 100

109 23.7 20.7 31.1

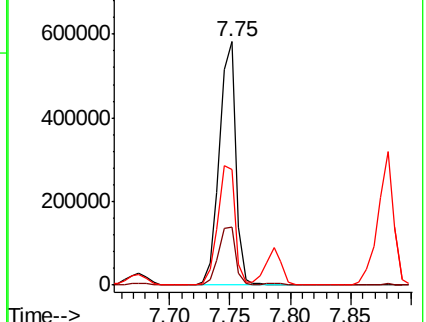
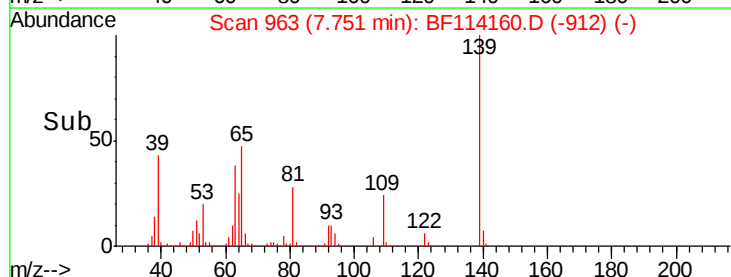
65 47.4 40.2 60.2

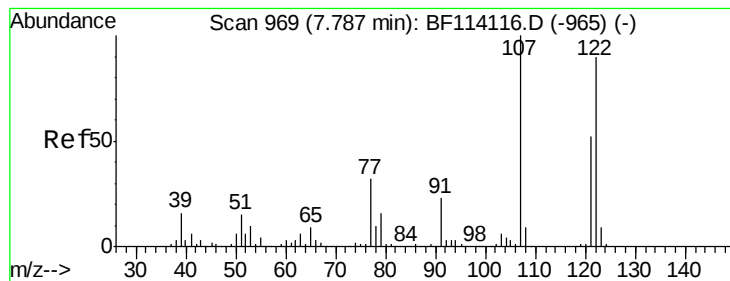


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.616 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

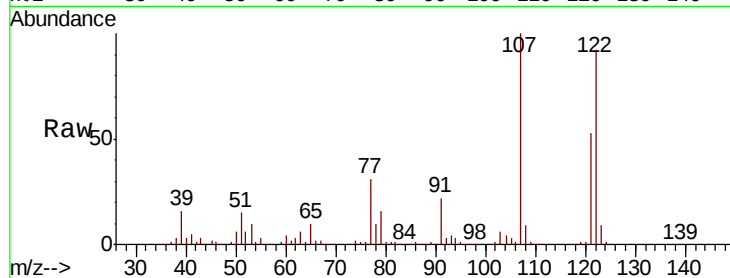
Tgt Ion:122 Resp: 807870

Ion Ratio Lower Upper

122 100

107 109.2 88.4 132.6

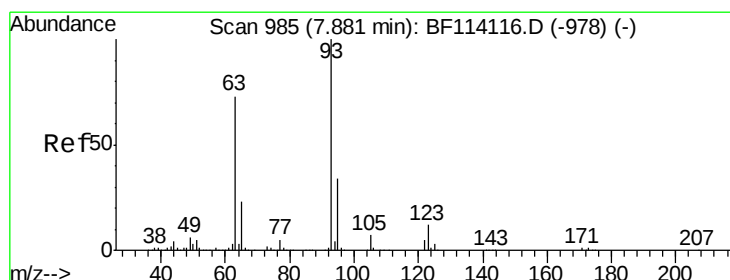
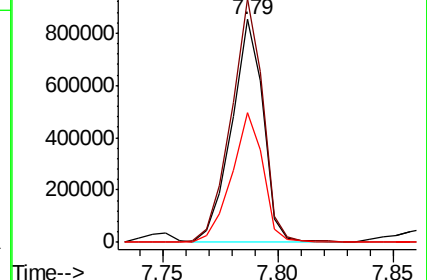
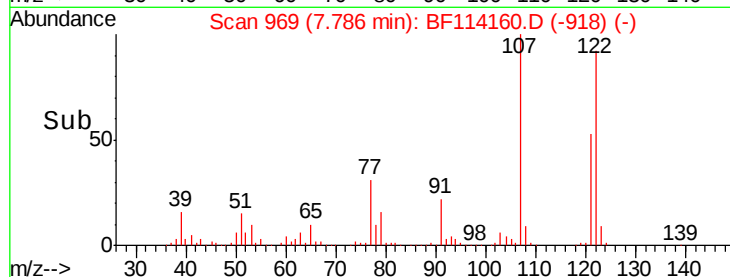
121 57.9 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.855 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

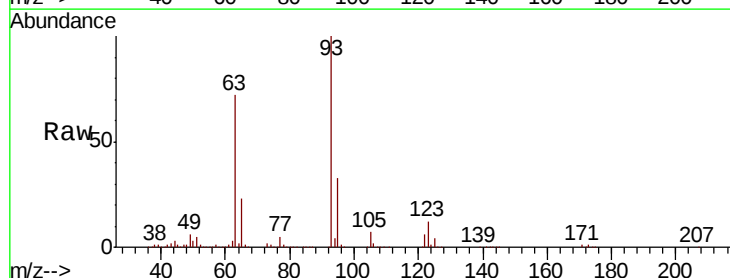
Tgt Ion: 93 Resp: 1290820

Ion Ratio Lower Upper

93 100

95 33.3 26.8 40.2

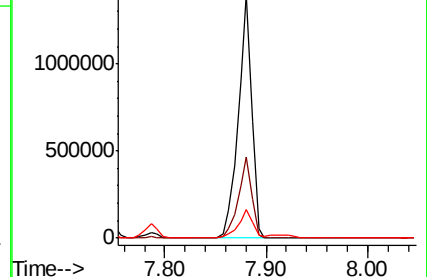
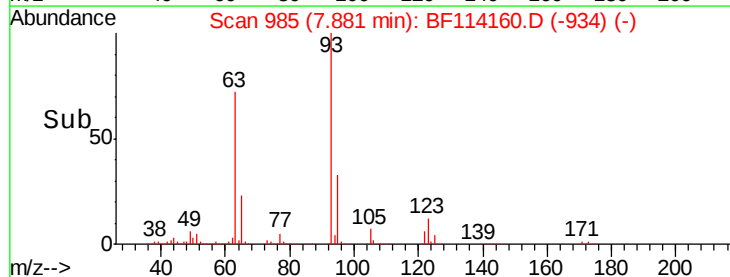
123 11.9 9.5 14.3

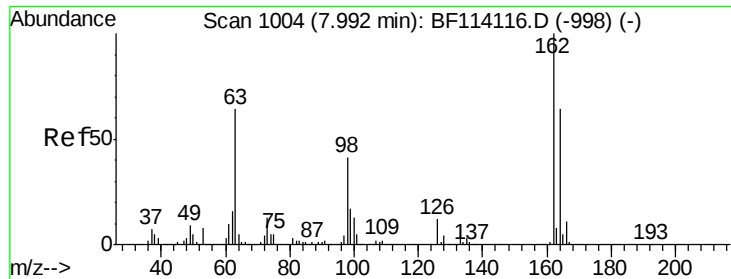


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

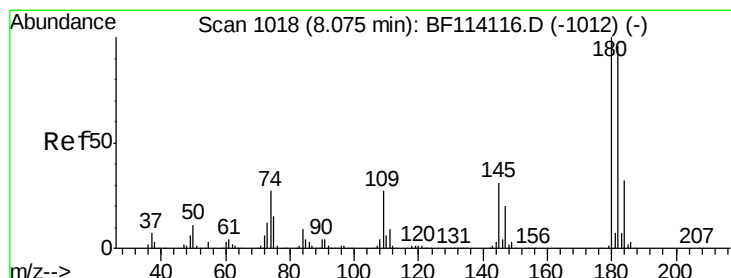
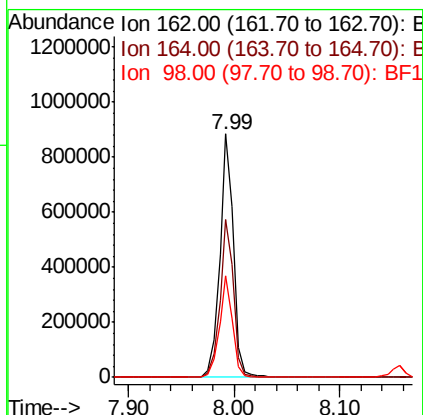
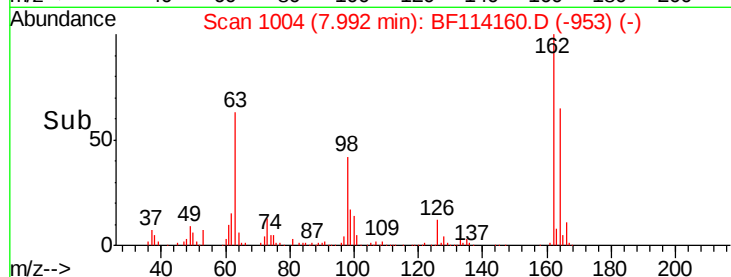
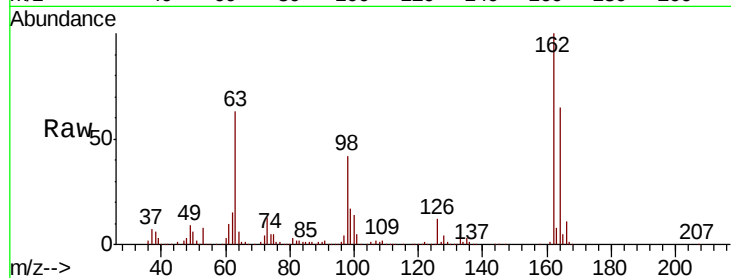




#29
2,4-Dichlorophenol
Concen: 40.596 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

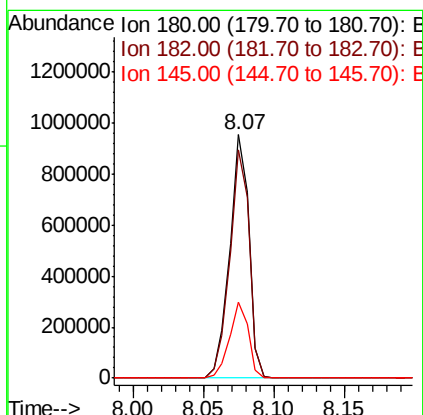
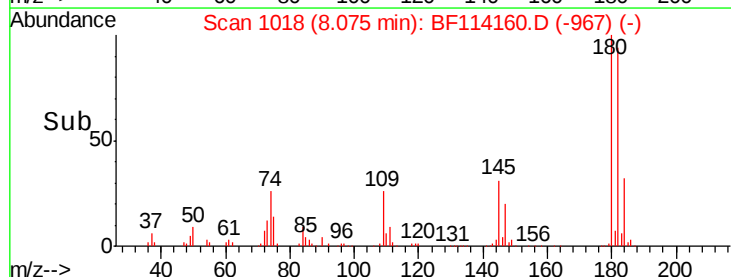
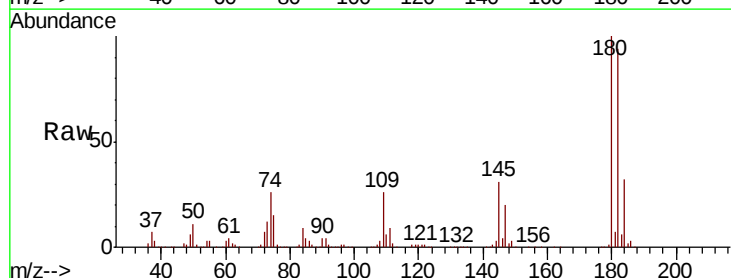
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.6	83.6
98	41.7	20.6	60.6



#30
1,2,4-Trichlorobenzene
Concen: 40.365 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.6	114.8
145	31.3	25.1	37.7





#31

Naphthalene

Concen: 40.287 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

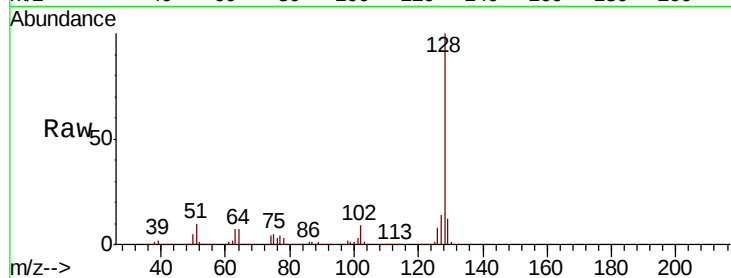
Tgt Ion:128 Resp: 2706671

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

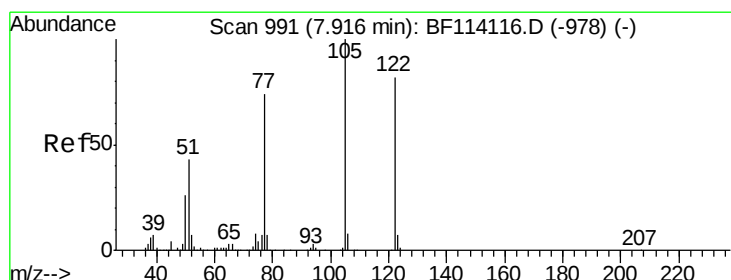
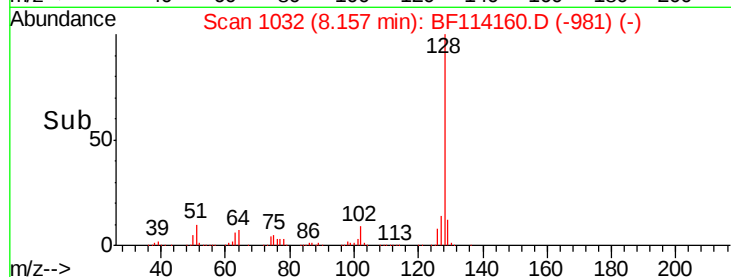
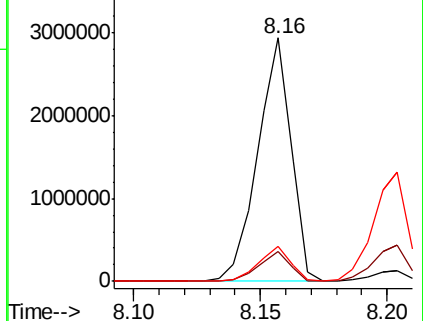
127 14.3 11.3 16.9



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: 41.131 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

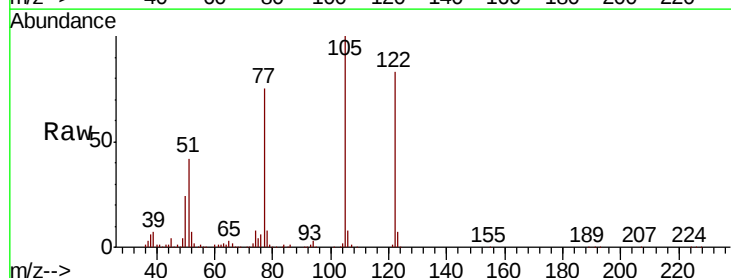
Tgt Ion:122 Resp: 566642

Ion Ratio Lower Upper

122 100

105 120.0 99.9 139.9

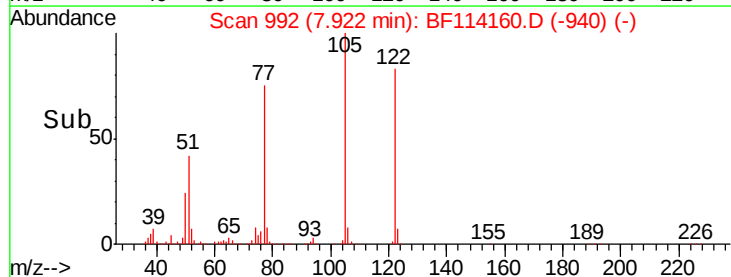
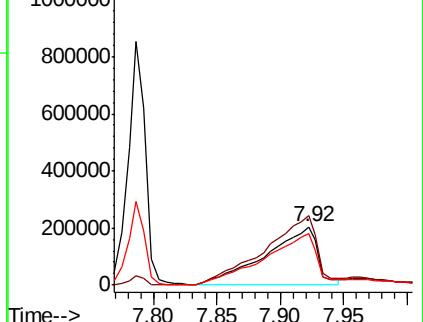
77 89.6 69.4 109.4

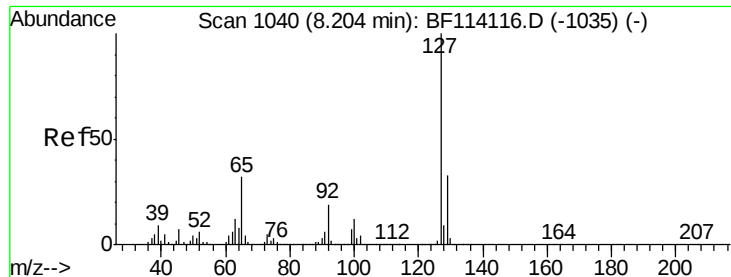


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

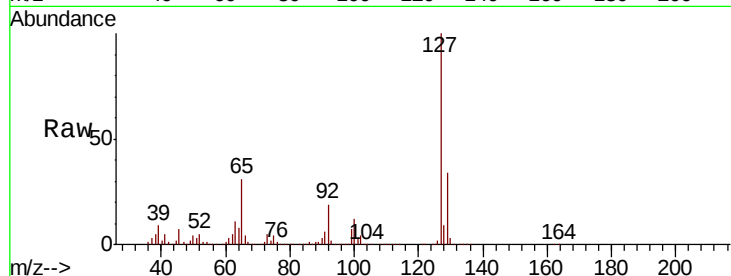




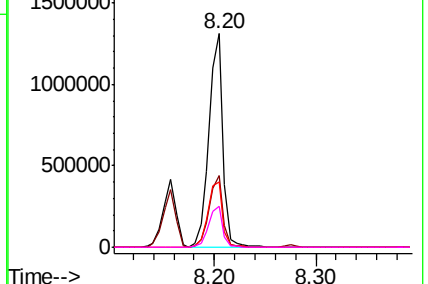
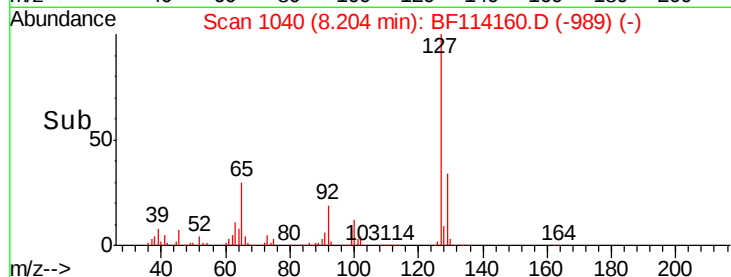
#33
4-Chloroaniline
Concen: 41.074 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	1257504
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.7	40.1
65	30.8	25.4	38.0
92	19.4	15.4	23.2

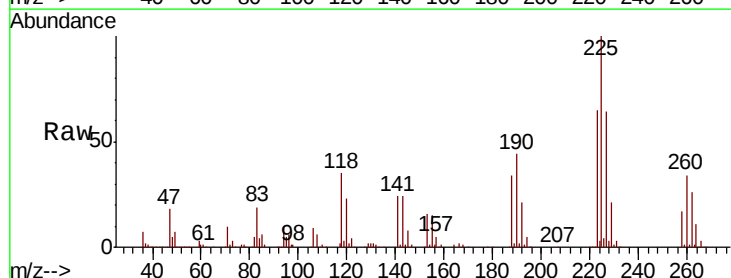


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

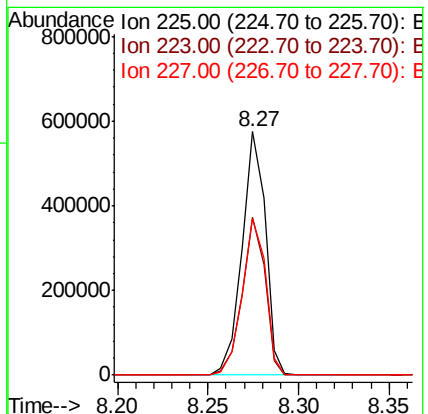
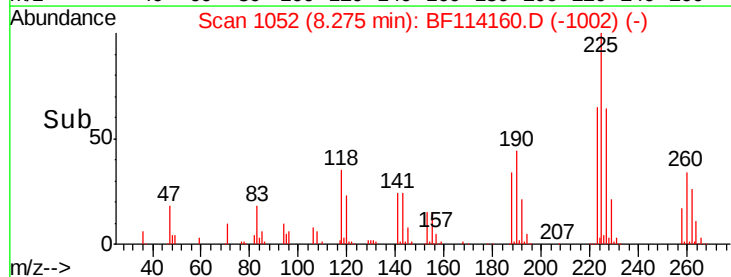


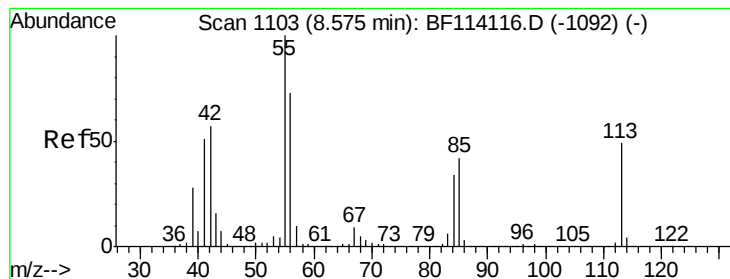
#34
Hexachlorobutadiene
Concen: 40.188 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Tgt Ion:	225	Resp:	514994
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.2	75.2
227	64.2	52.6	79.0



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





#35

Caprolactam

Concen: 43.050 ng

RT: 8.58 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

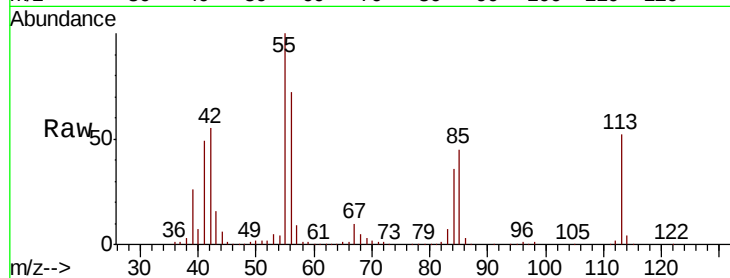
Tgt Ion:113 Resp: 278028

Ion Ratio Lower Upper

113 100

55 192.0 183.5 223.5

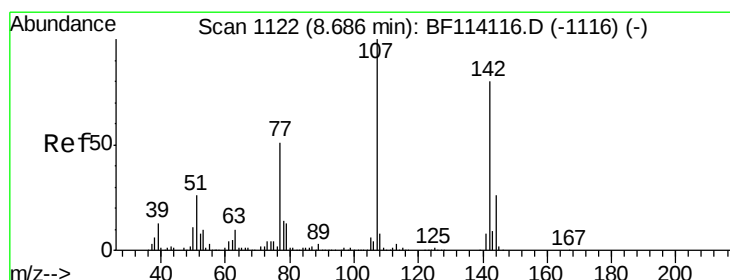
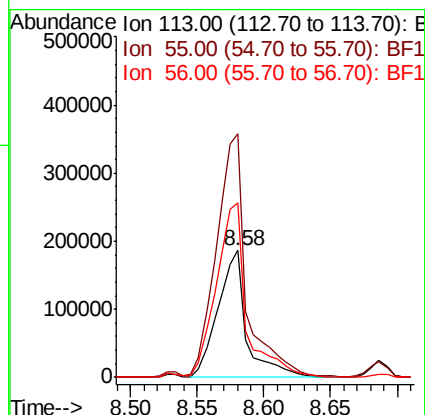
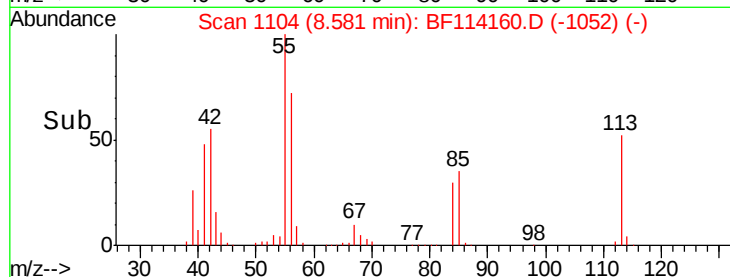
56 137.3 128.8 168.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.154 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

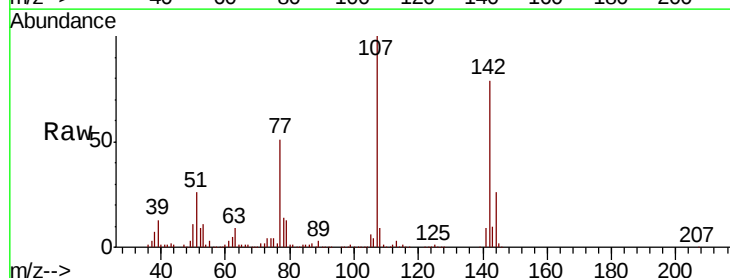
Tgt Ion:107 Resp: 840403

Ion Ratio Lower Upper

107 100

144 26.1 20.4 30.6

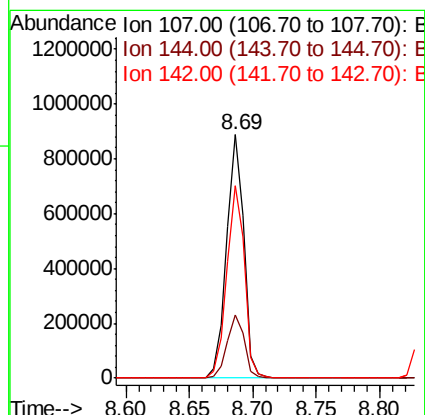
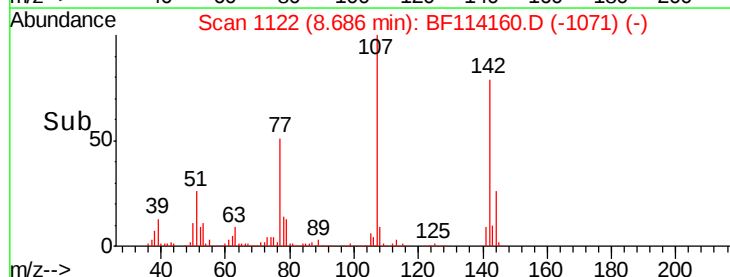
142 79.2 64.2 96.4

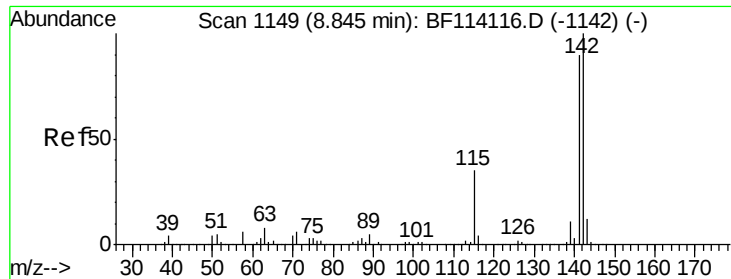


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

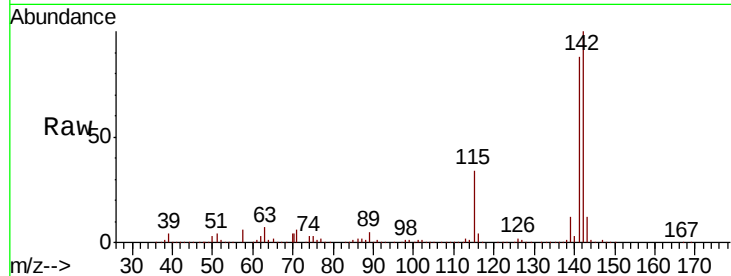




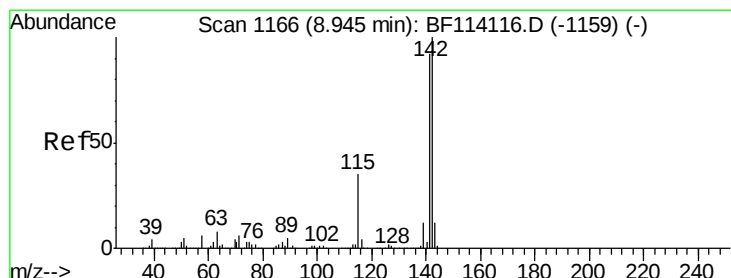
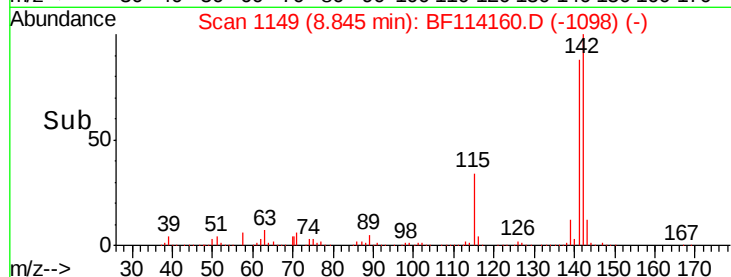
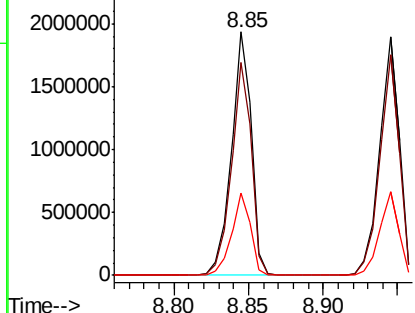
#37
 2-Methylnaphthalene
 Concen: 42.033 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF114160.D
 Acq: 11 May 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:142 Resp: 1822012
 Ion Ratio Lower Upper
 142 100
 141 87.5 72.1 108.1
 115 33.6 28.0 42.0

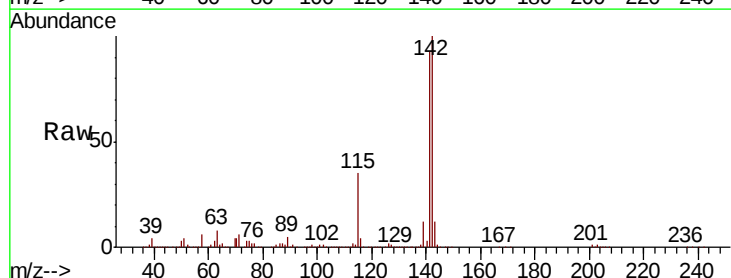


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

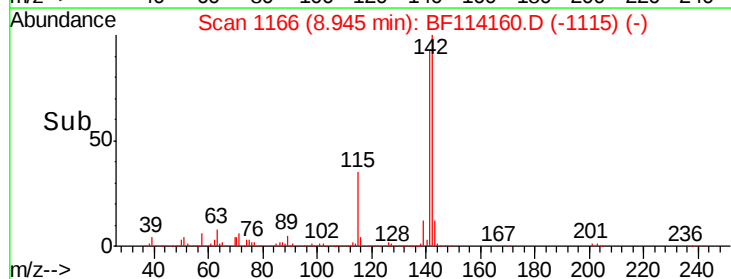
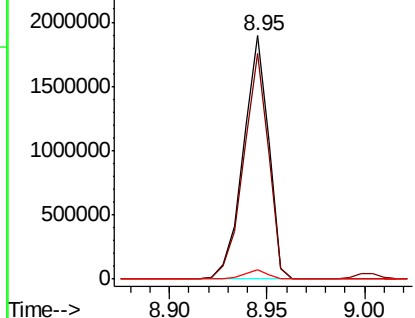


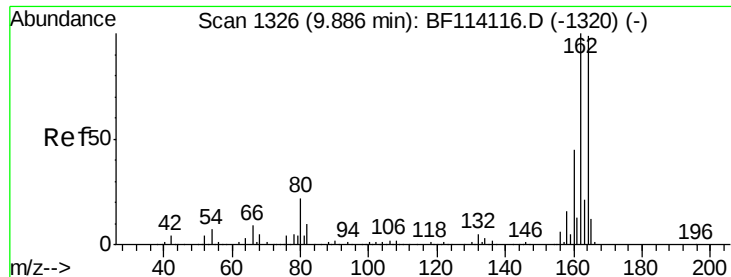
#38
 1-Methylnaphthalene
 Concen: 41.453 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF114160.D
 Acq: 11 May 2019 16:54

Tgt Ion:142 Resp: 1692147
 Ion Ratio Lower Upper
 142 100
 141 92.5 73.4 110.0
 116 3.8 3.1 4.7



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: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

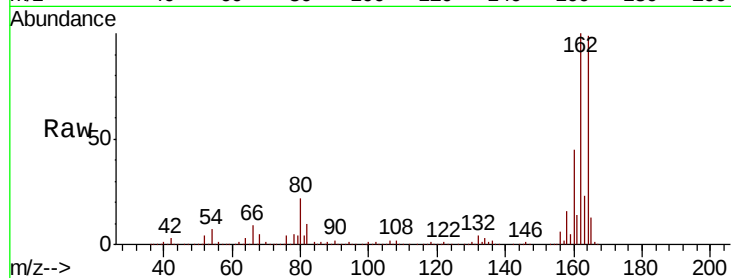
Tgt Ion:164 Resp: 670120

Ion Ratio Lower Upper

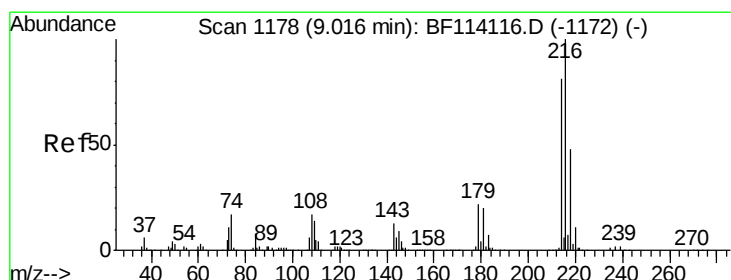
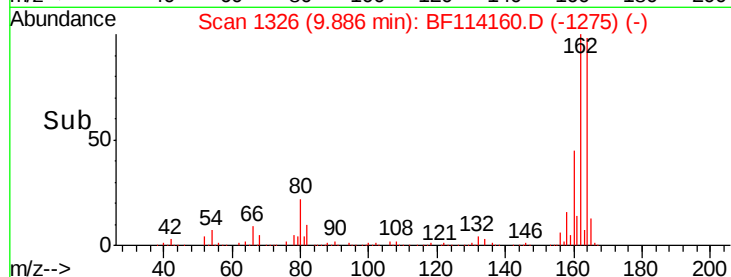
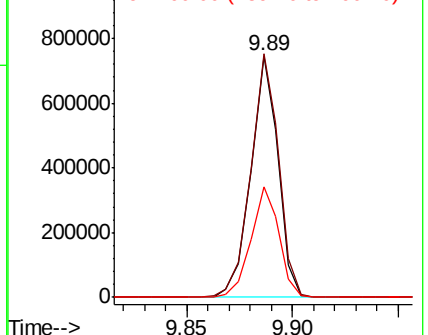
164 100

162 100.7 80.6 120.8

160 45.8 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.556 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Tgt Ion:216 Resp: 823262

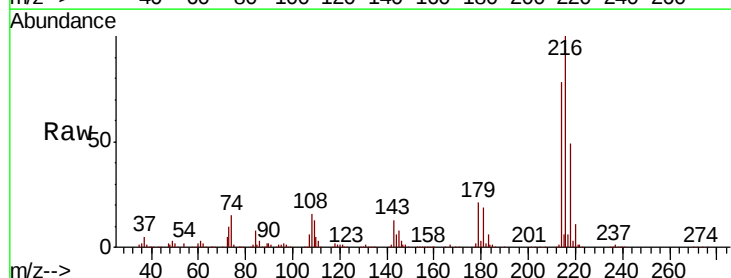
Ion Ratio Lower Upper

216 100

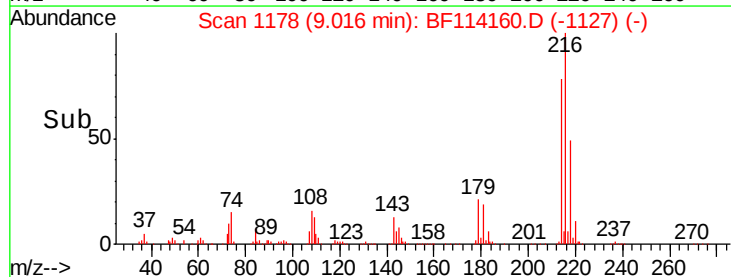
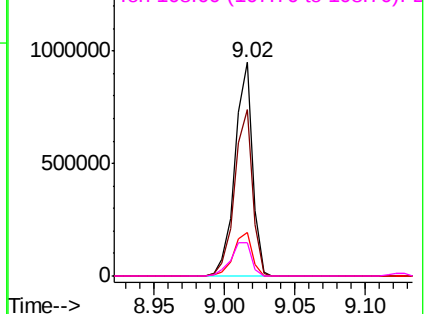
214 79.5 63.9 95.9

179 21.2 17.0 25.6

108 18.8 14.8 22.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.453 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

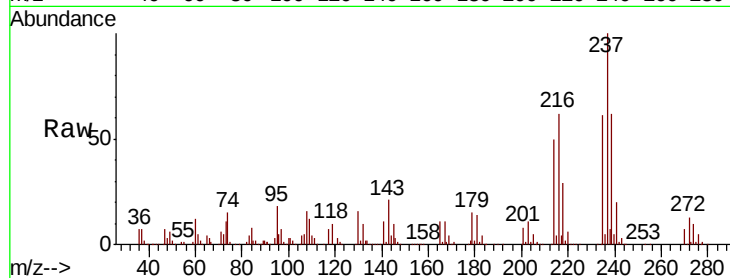
Tgt Ion: 237 Resp: 341205

Ion Ratio Lower Upper

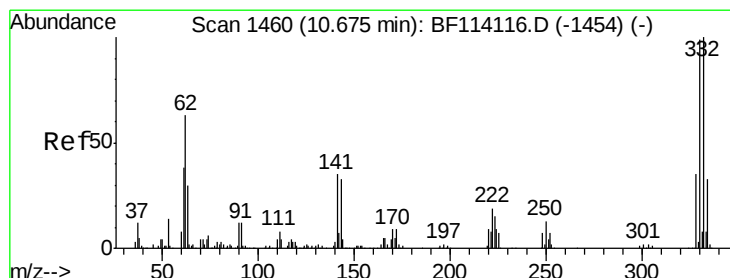
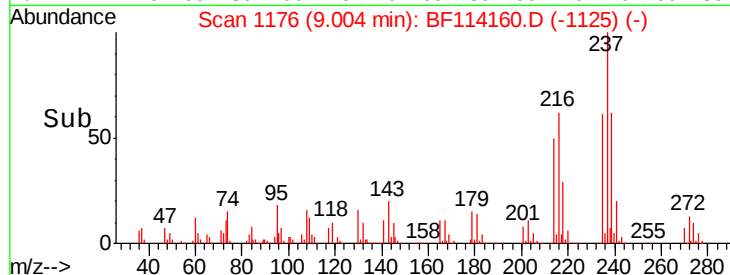
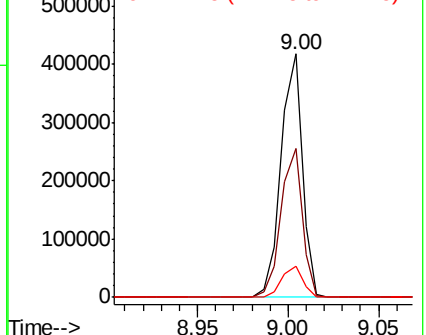
237 100

235 61.2 42.0 82.0

272 13.0 0.0 32.4



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



#42

2,4,6-Tribromophenol

Concen: 77.097 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

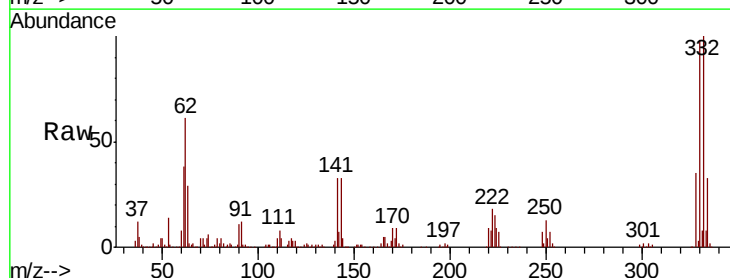
Tgt Ion: 330 Resp: 534124

Ion Ratio Lower Upper

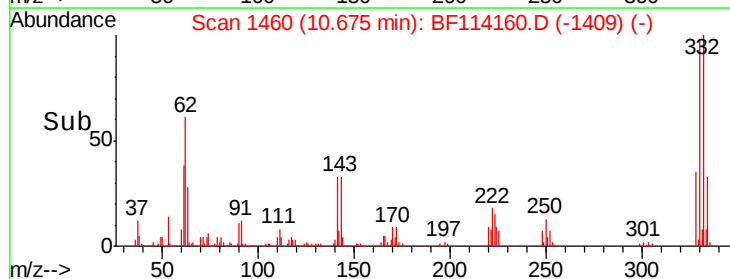
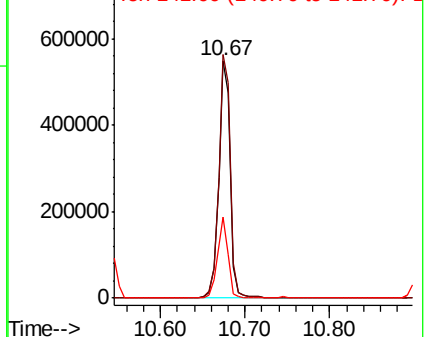
330 100

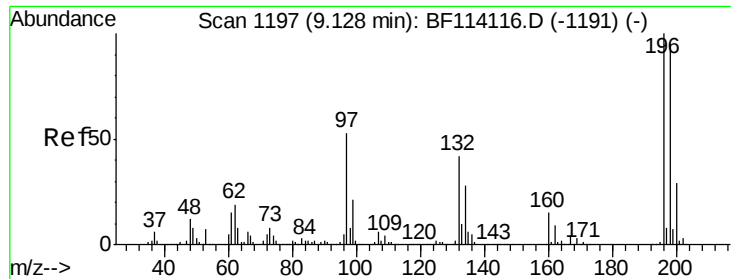
332 102.6 81.4 122.2

141 32.2 26.6 40.0



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

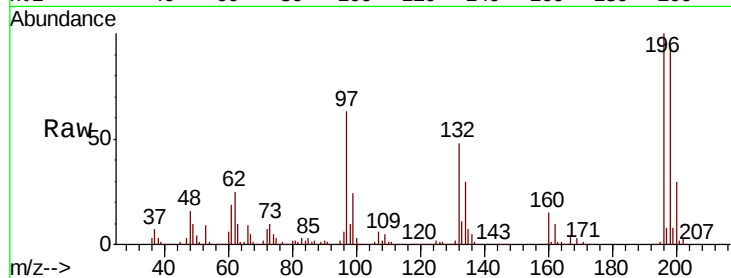




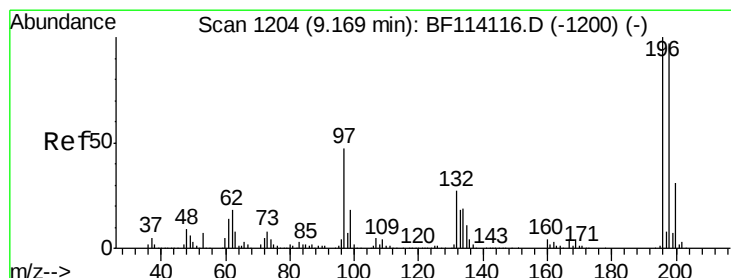
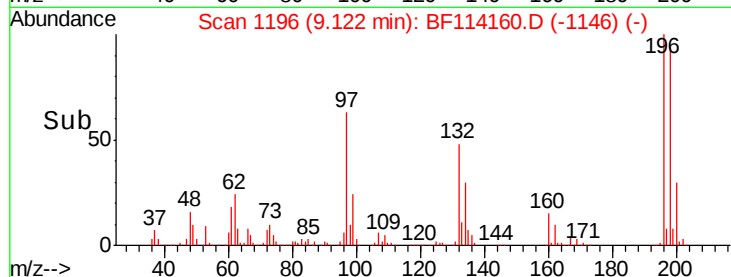
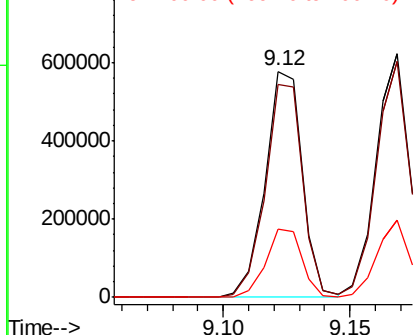
#43
 2,4,6-Trichlorophenol
 Concen: 42.076 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF114160.D
 Acq: 11 May 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 587484
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.9 113.9
 200 29.9 23.5 35.3



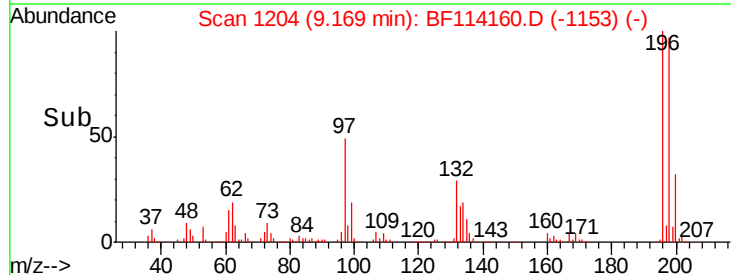
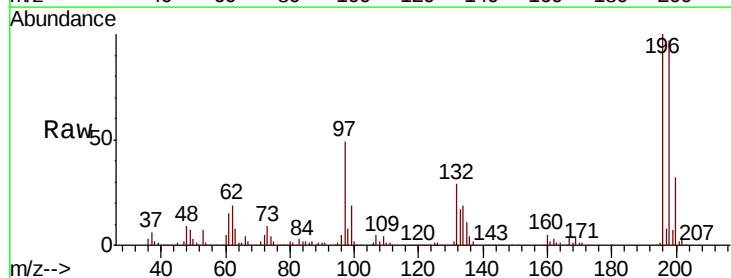
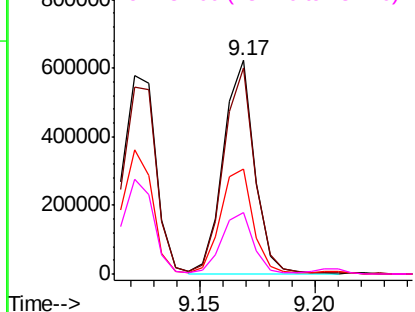
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

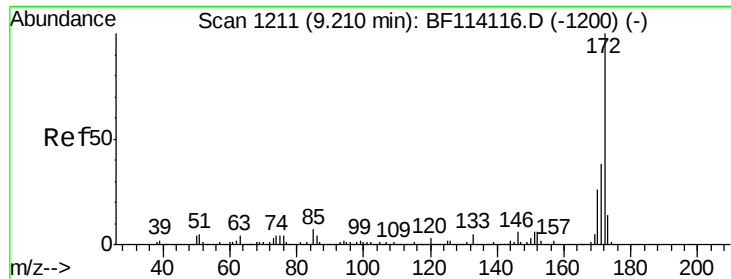


#44
 2,4,5-Trichlorophenol
 Concen: 40.792 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF114160.D
 Acq: 11 May 2019 16:54

Tgt Ion:196 Resp: 584105
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.7 116.5
 97 49.0 38.2 57.2
 132 28.8 21.4 32.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

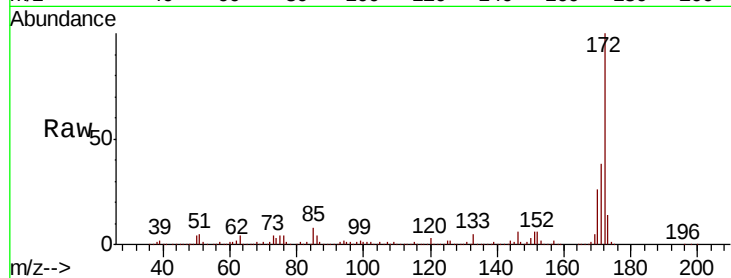




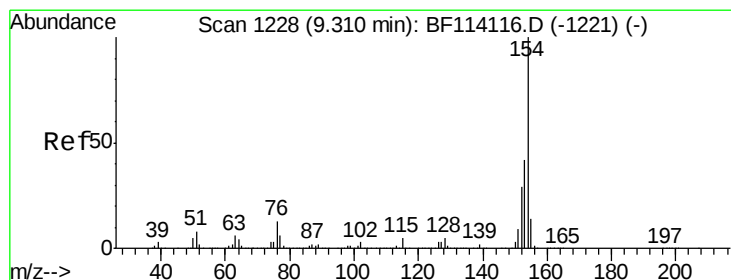
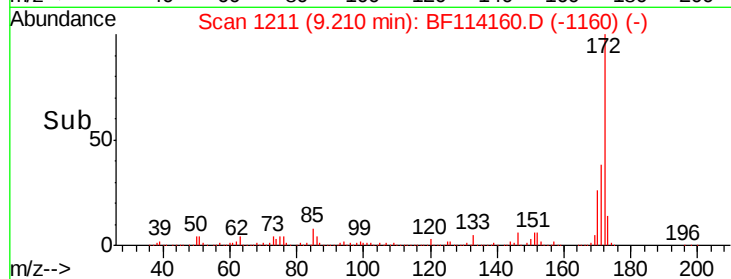
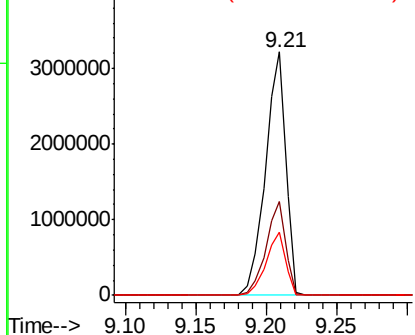
#45
2-Fluorobiphenyl
Concen: 74.240 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 3288876
Ion Ratio Lower Upper
172 100
171 38.3 30.7 46.1
170 26.0 20.5 30.7

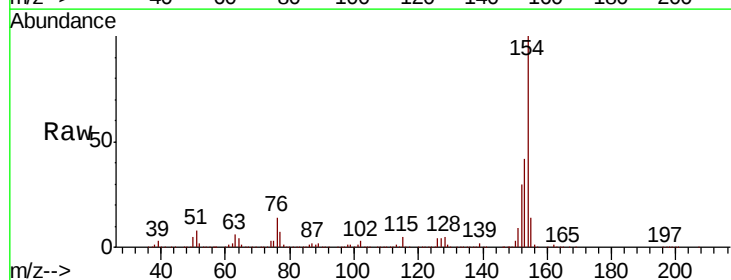


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

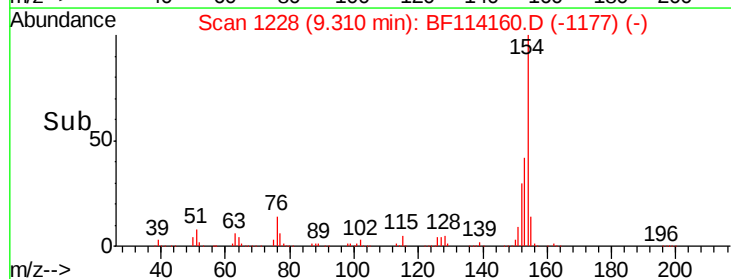
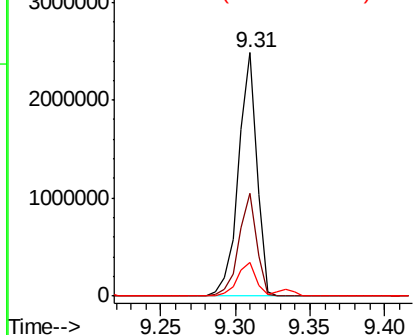


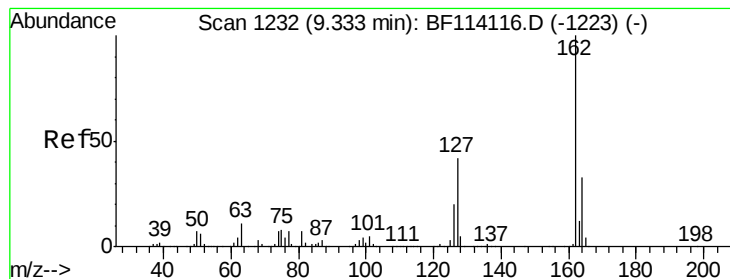
#46
1,1'-Biphenyl
Concen: 39.551 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Tgt Ion:154 Resp: 2141155
Ion Ratio Lower Upper
154 100
153 42.3 21.9 61.9
76 13.8 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 39.762 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

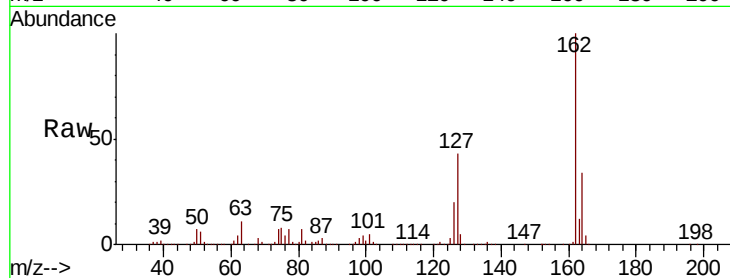
Tgt Ion: 162 Resp: 1732360

Ion Ratio Lower Upper

162 100

127 42.6 34.0 51.0

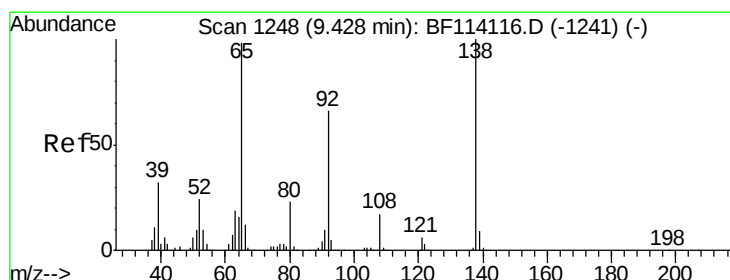
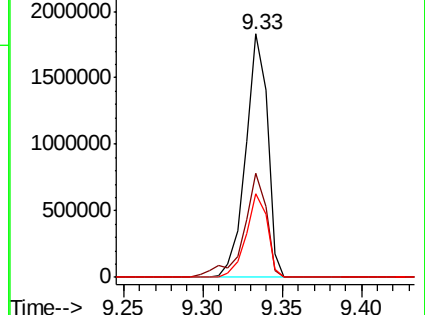
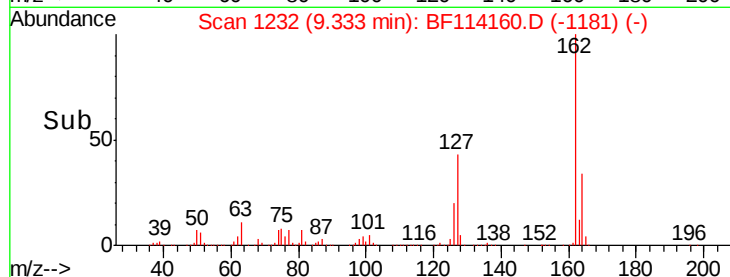
164 34.4 26.7 40.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.770 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

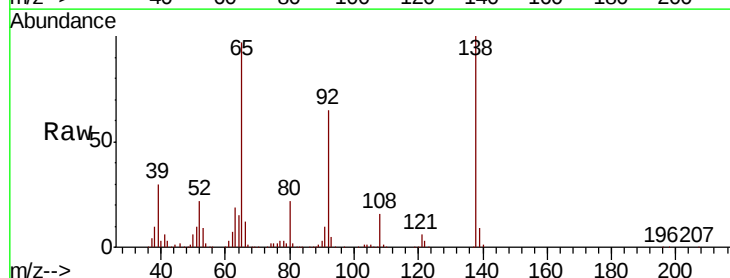
Tgt Ion: 65 Resp: 629957

Ion Ratio Lower Upper

65 100

92 66.9 53.9 80.9

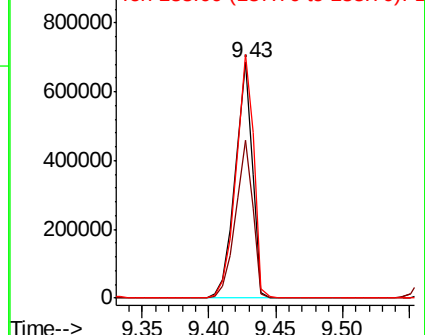
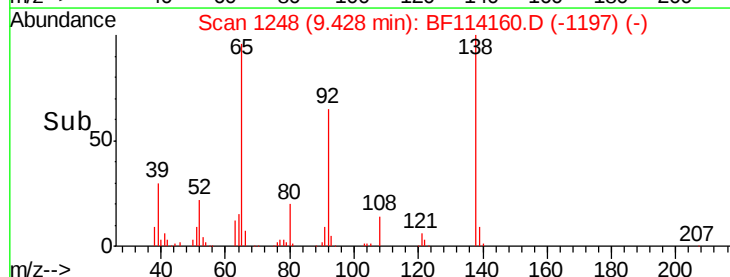
138 103.4 81.4 122.0

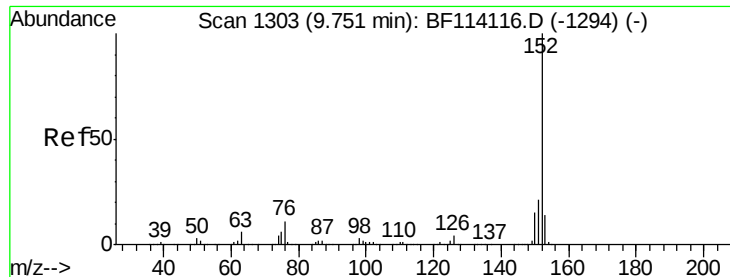


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.816 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

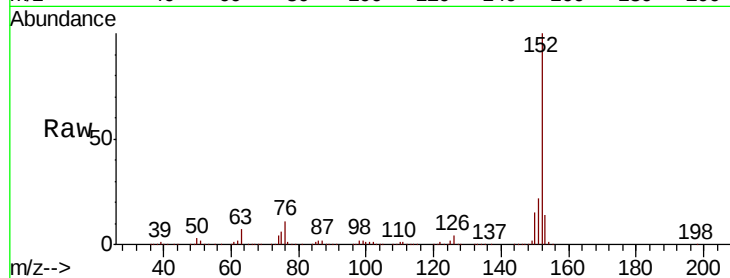
Tgt Ion:152 Resp: 2638391

Ion Ratio Lower Upper

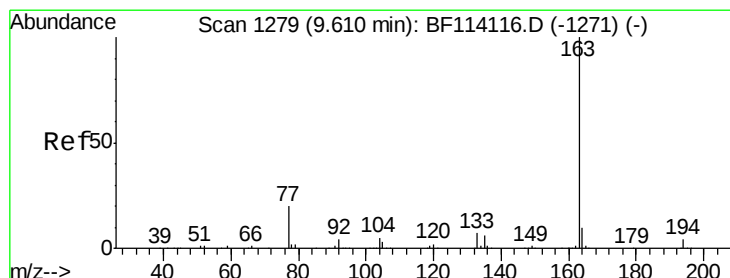
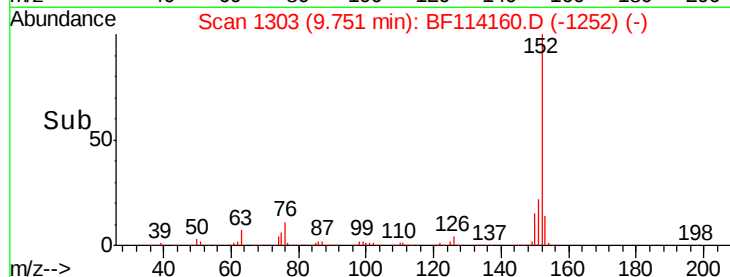
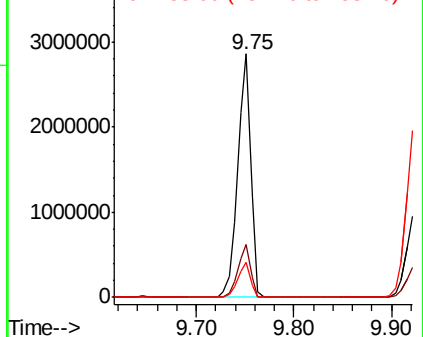
152 100

151 21.9 16.8 25.2

153 14.1 11.4 17.2



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



#50

Dimethylphthalate

Concen: 40.204 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

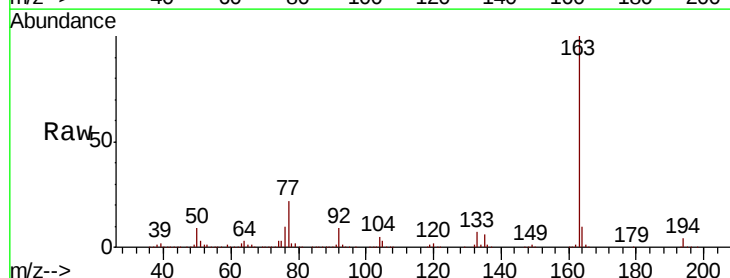
Tgt Ion:163 Resp: 1977752

Ion Ratio Lower Upper

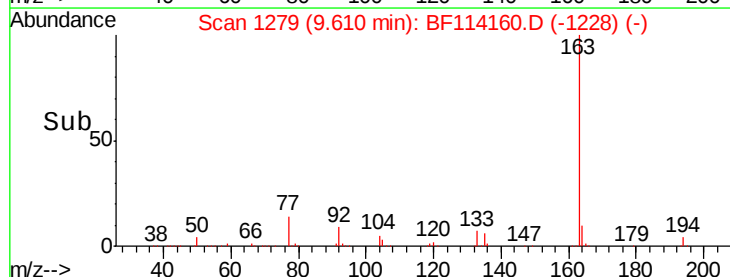
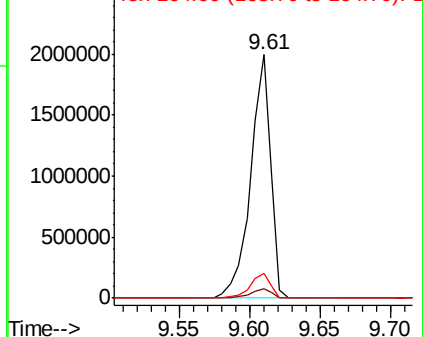
163 100

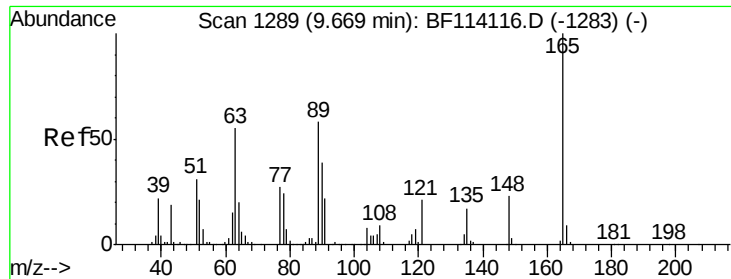
194 4.0 3.4 5.0

164 10.3 8.2 12.2



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

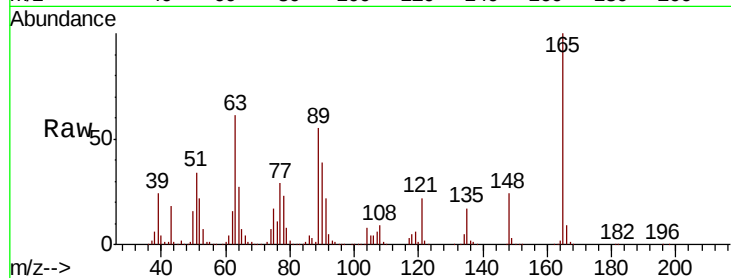




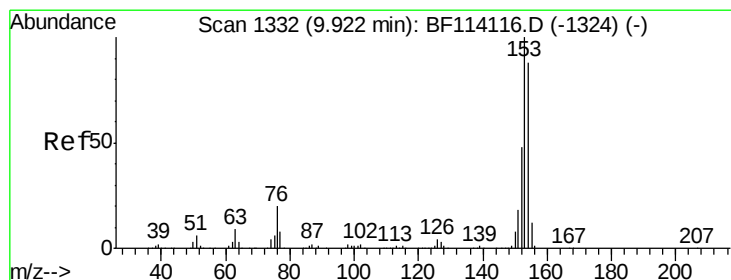
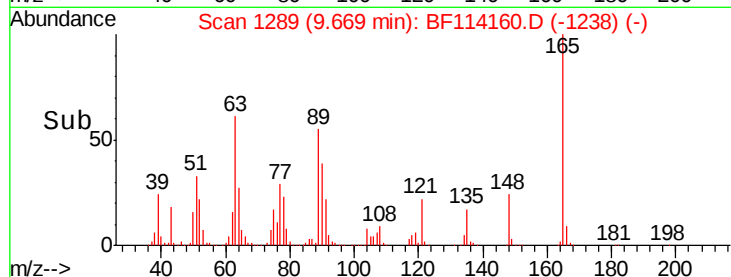
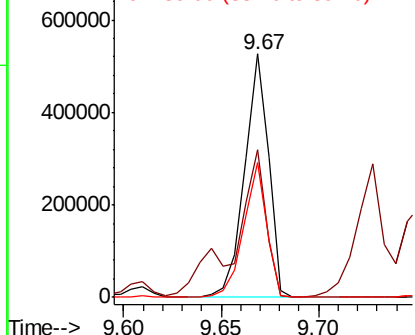
#51
2,6-Dinitrotoluene
Concen: 40.992 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 447263
Ion Ratio Lower Upper
165 100
63 60.7 50.2 75.4
89 55.5 46.6 69.8

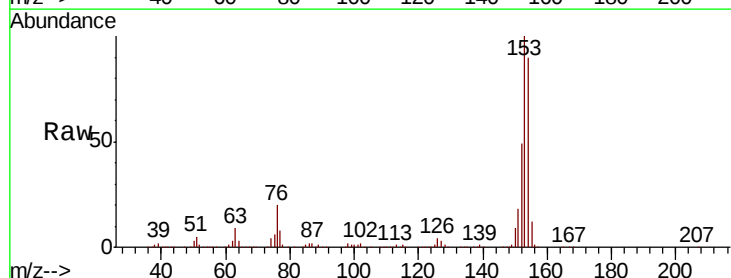


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

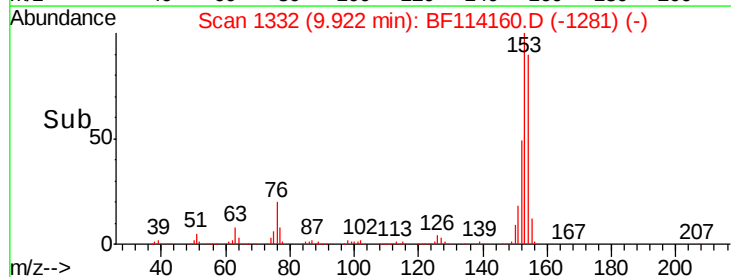
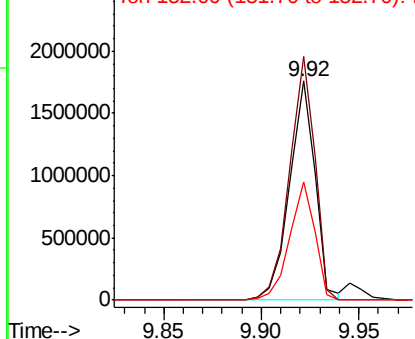


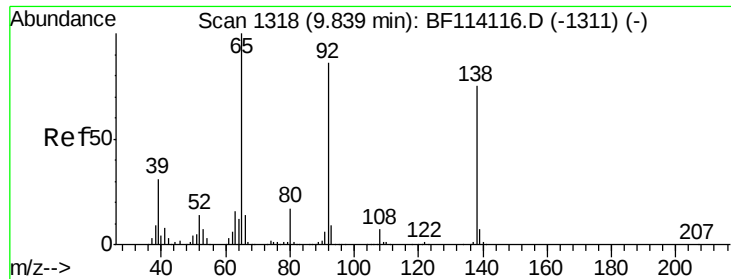
#52
Acenaphthene
Concen: 39.268 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Tgt Ion:154 Resp: 1596753
Ion Ratio Lower Upper
154 100
153 111.3 90.5 135.7
152 54.2 43.4 65.2



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

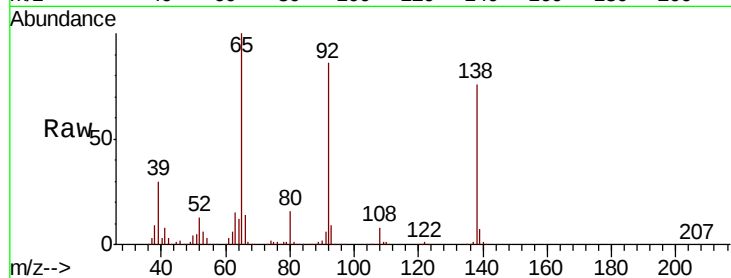




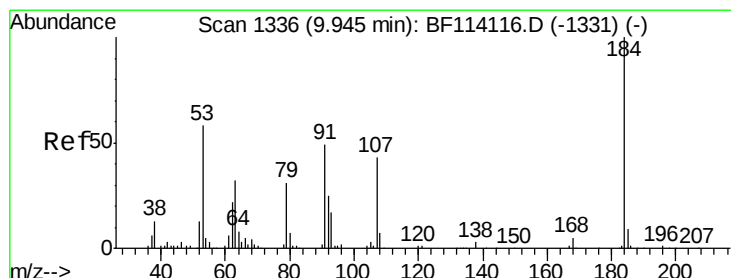
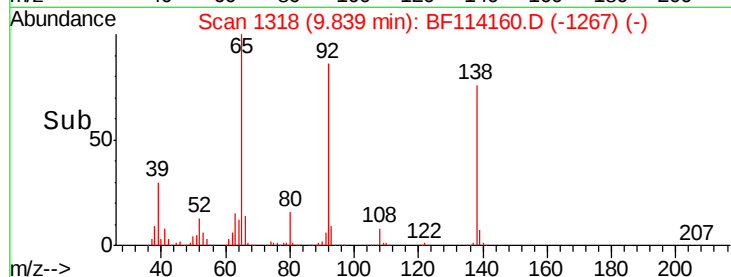
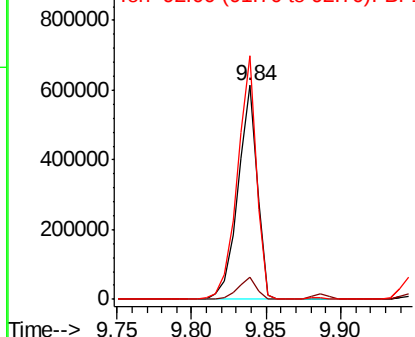
#53
3-Nitroaniline
Concen: 40.896 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 553908
Ion Ratio Lower Upper
138 100
108 10.1 7.8 11.6
92 113.9 91.2 136.8

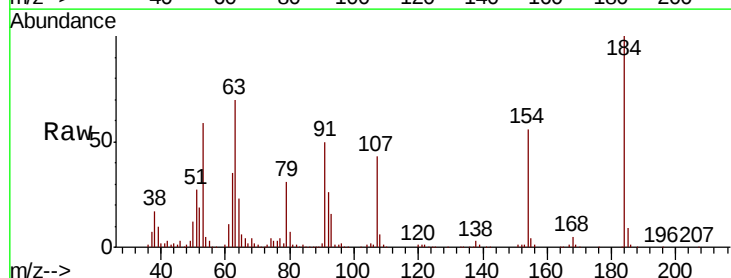


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

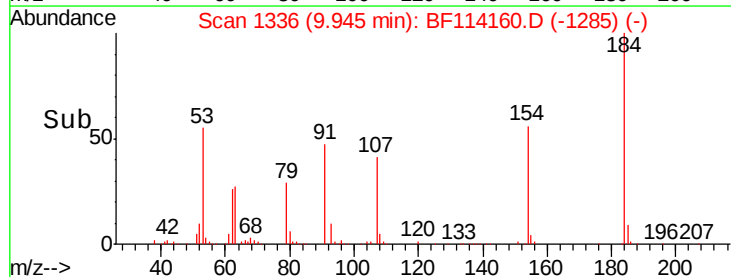
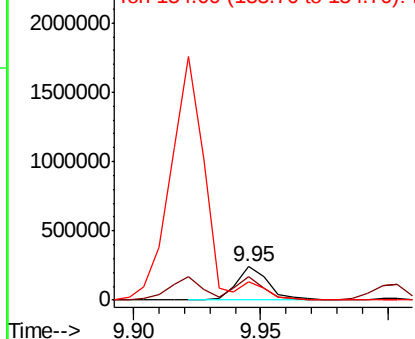


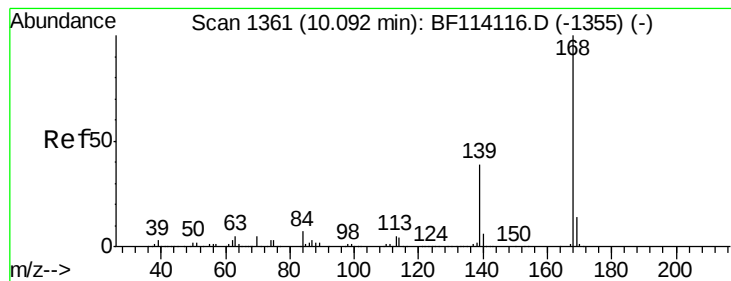
#54
2,4-Dinitrophenol
Concen: 42.416 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Tgt Ion:184 Resp: 213725
Ion Ratio Lower Upper
184 100
63 70.0 55.6 83.4
154 56.2 46.0 69.0



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





#55

Dibenzofuran

Concen: 38.583 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

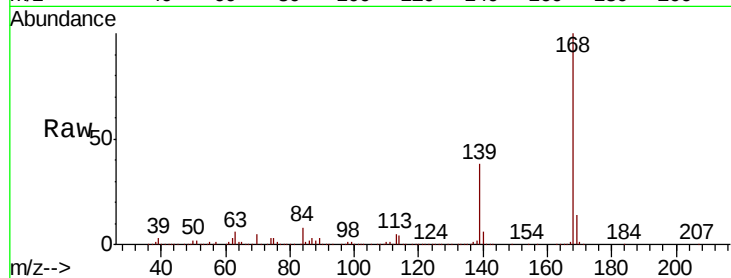
Tgt Ion:168 Resp: 2300593

Ion Ratio Lower Upper

168 100

139 38.4 31.1 46.7

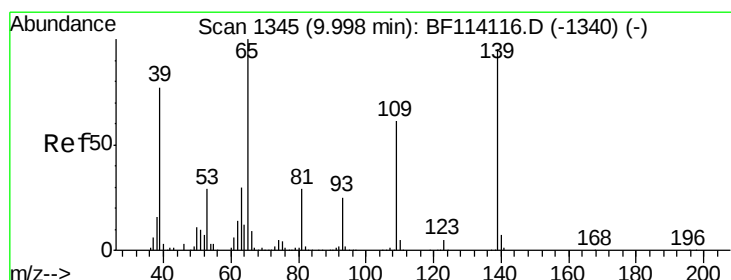
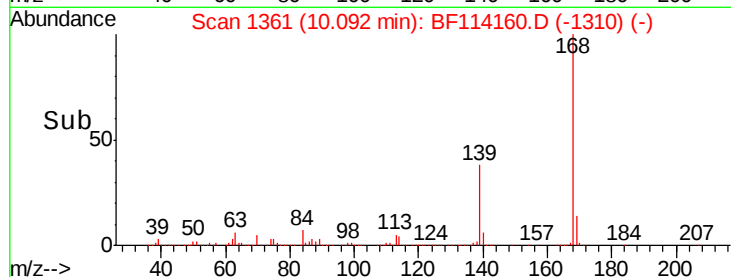
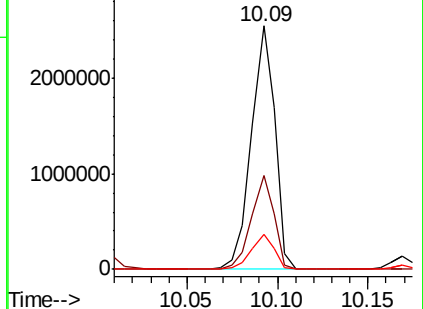
169 14.4 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.472 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

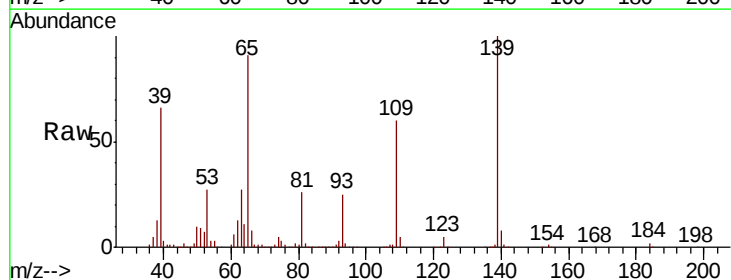
Tgt Ion:139 Resp: 378080

Ion Ratio Lower Upper

139 100

109 60.0 43.9 83.9

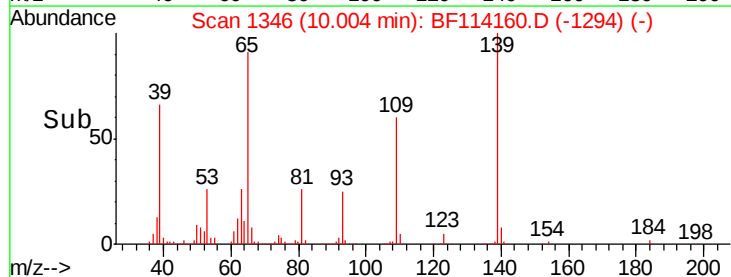
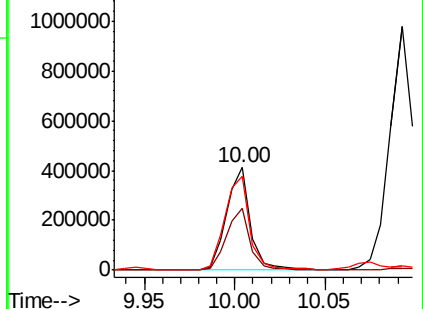
65 91.4 85.7 125.7

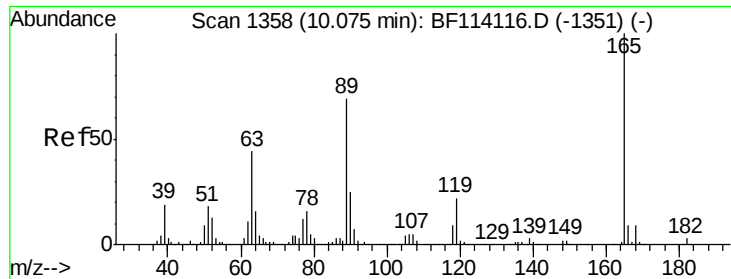


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

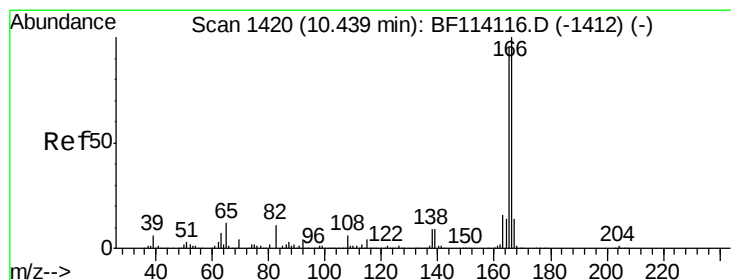
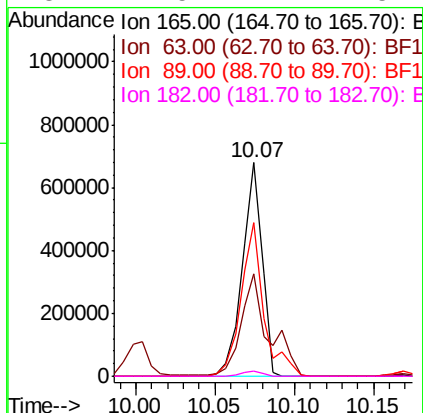
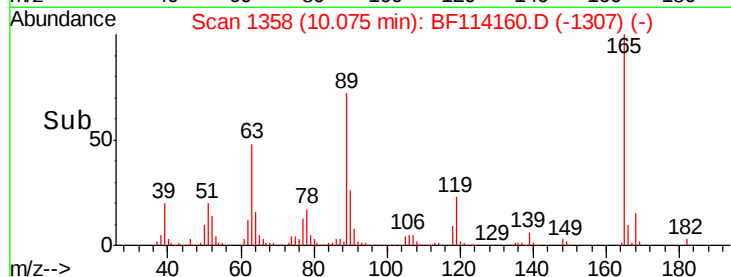
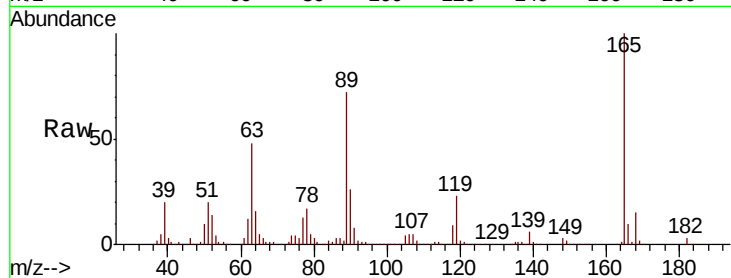




#57
2,4-Dinitrotoluene
Concen: 39.486 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

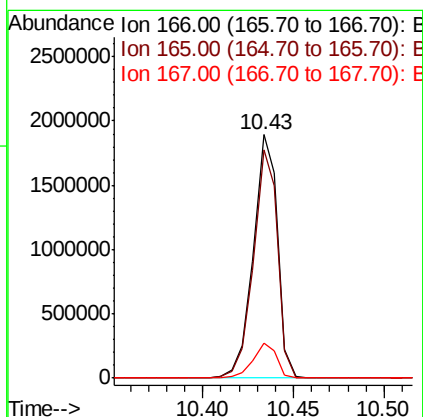
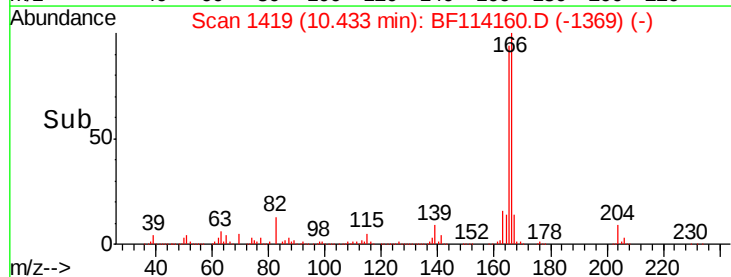
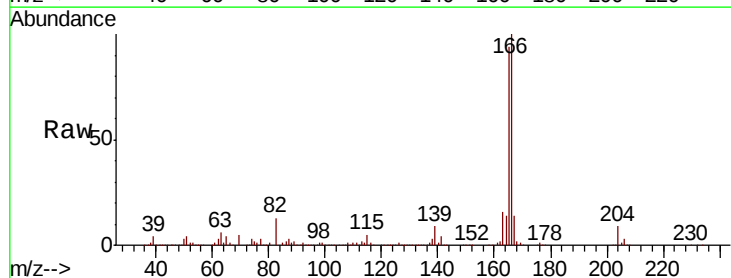
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

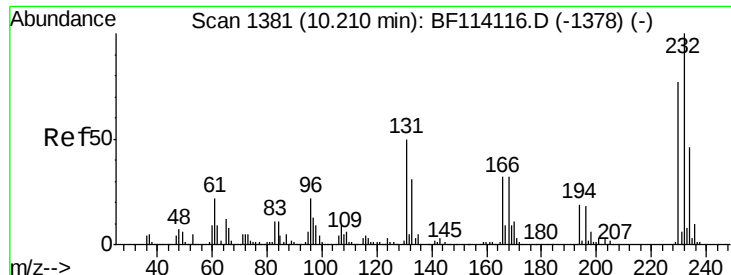
Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.0	35.5	53.3
89	72.2	55.2	82.8
182	2.5	2.2	3.2



#58
Fluorene
Concen: 37.927 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.7	76.1	114.1
167	14.3	11.1	16.7

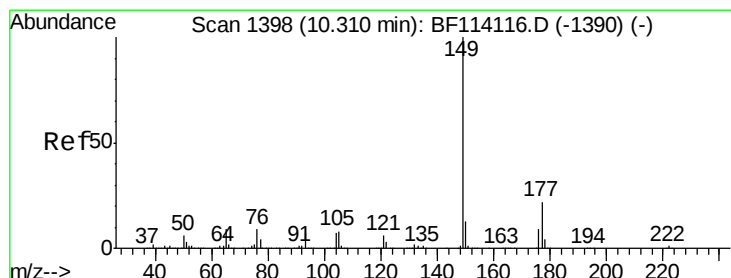
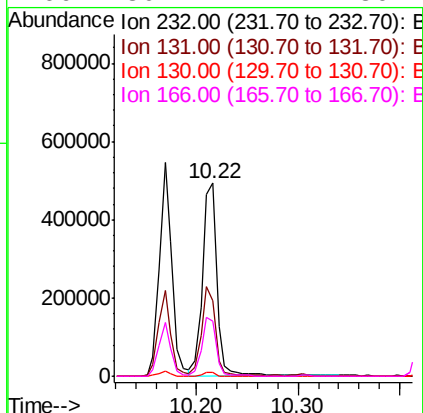
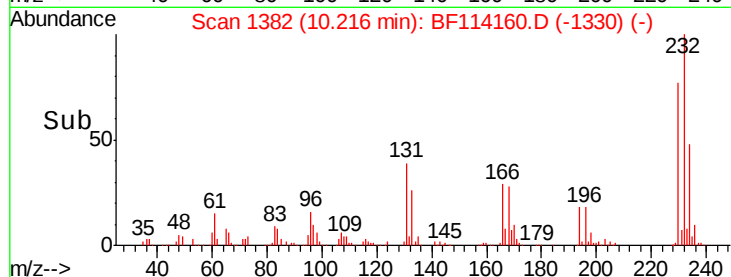
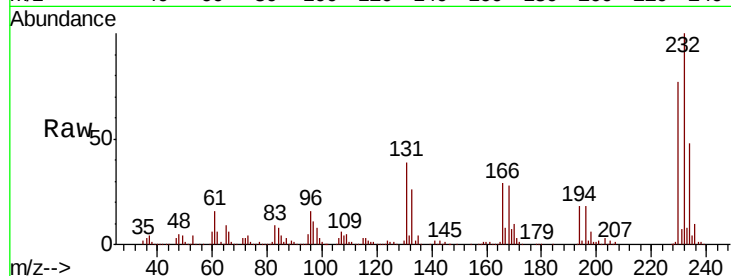




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.389 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

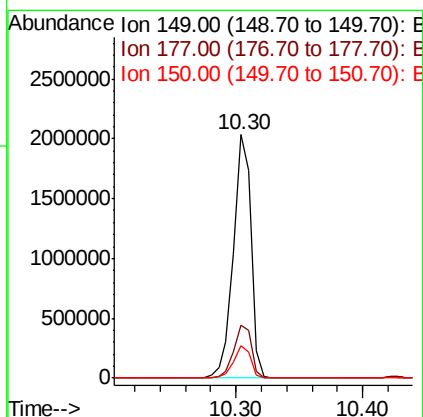
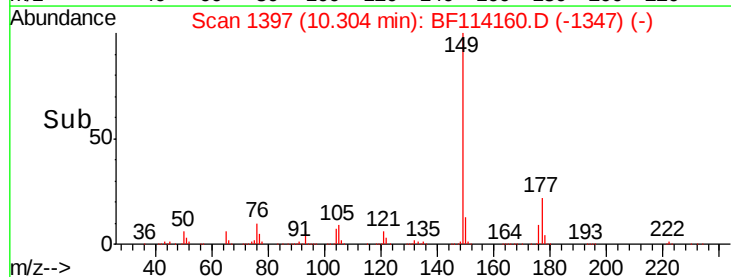
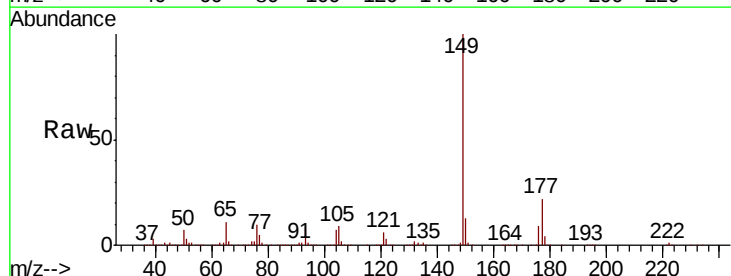
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

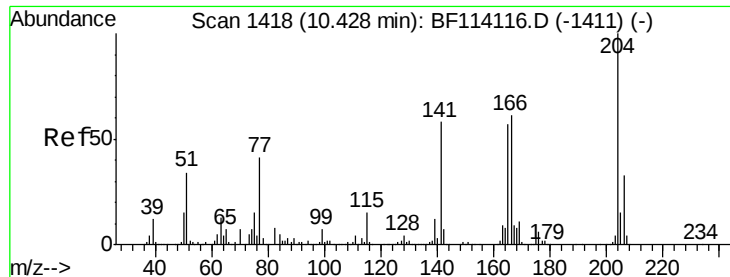
Tgt Ion:	232	Resp:	486656
Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.6	53.4
130	2.2	1.6	2.4
166	30.4	24.1	36.1



#60
Diethylphthalate
Concen: 38.564 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Tgt Ion:	149	Resp:	1927575
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.8	26.6
150	13.1	10.2	15.2

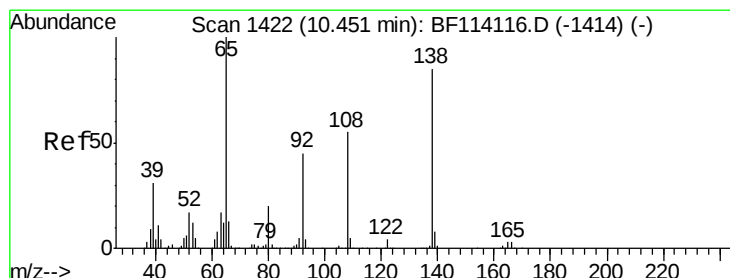
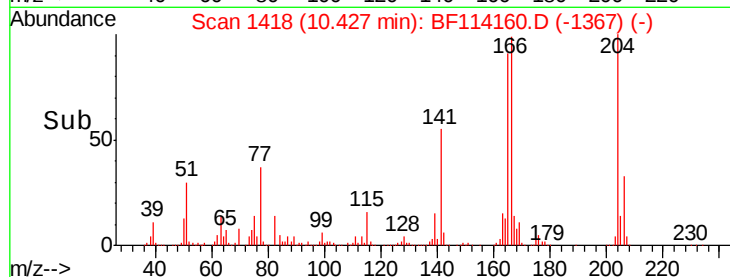
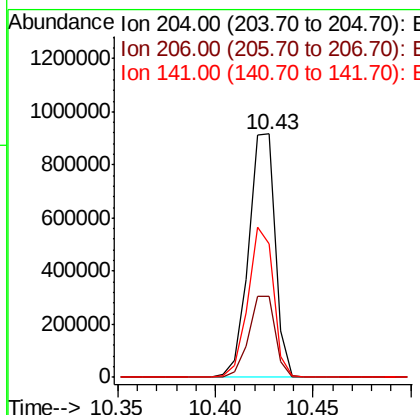
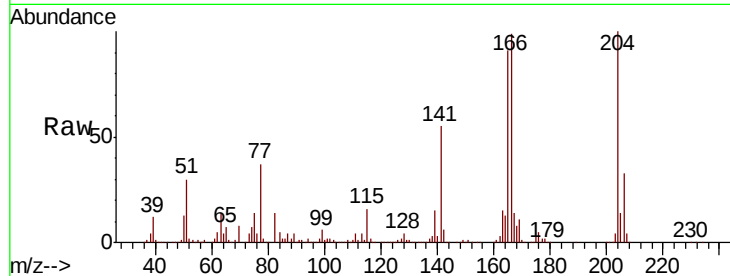




#61
4-Chlorophenyl-phenylether
Concen: 38.355 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

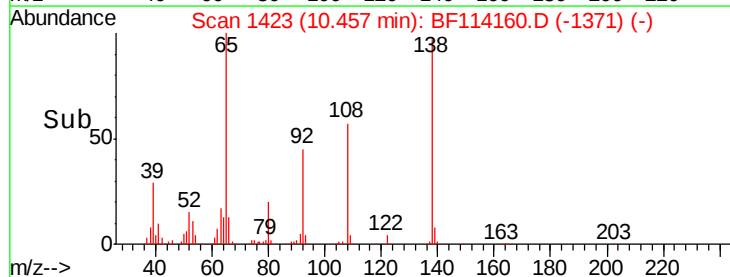
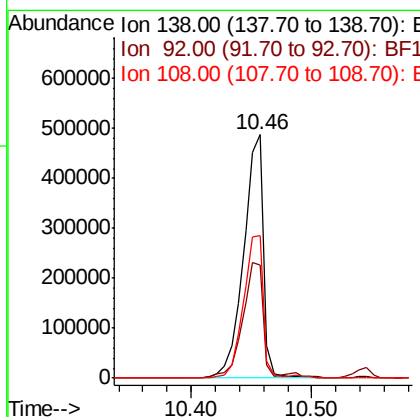
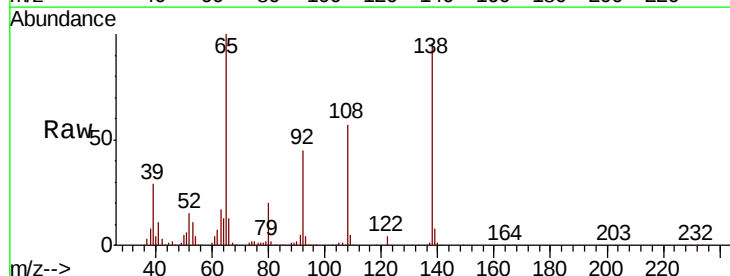
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	54.9	46.4	69.6



#62
4-Nitroaniline
Concen: 39.338 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.4	33.0	73.0
108	58.7	44.9	84.9





#63

Azobenzene

Concen: 39.187 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 1895910

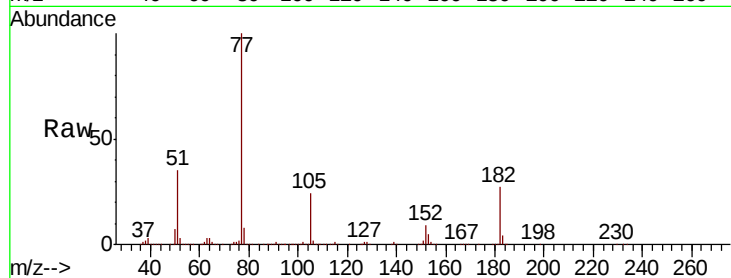
Ion Ratio Lower Upper

77 100

182 26.6 4.7 44.7

105 23.9 2.9 42.9

51 34.7 14.6 54.6

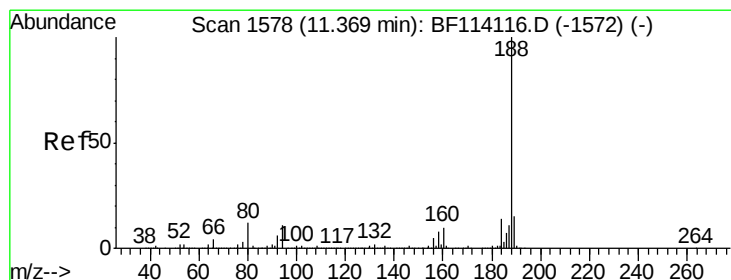
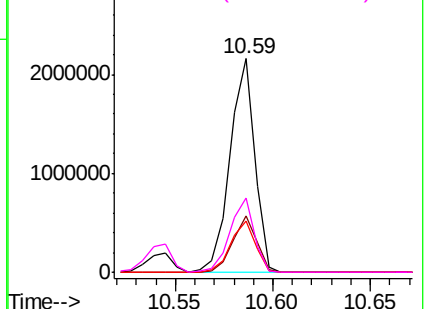
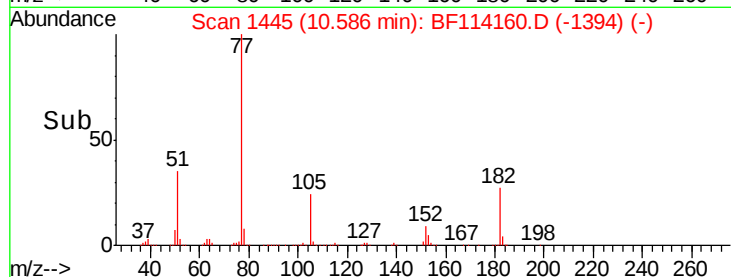


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

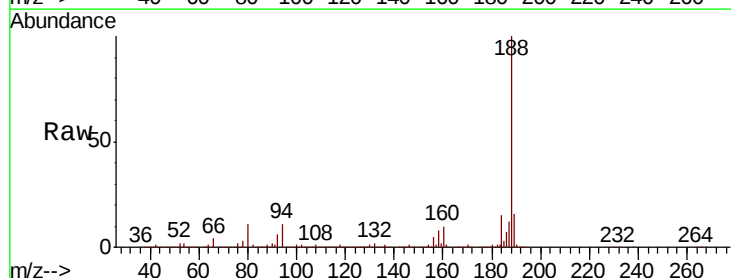
Tgt Ion: 188 Resp: 1291930

Ion Ratio Lower Upper

188 100

94 11.3 8.4 12.6

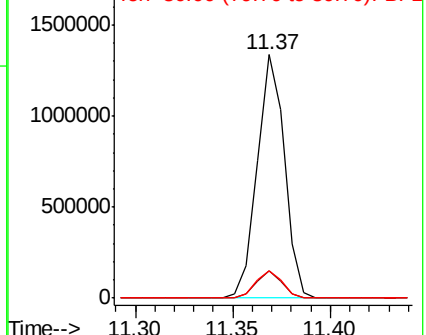
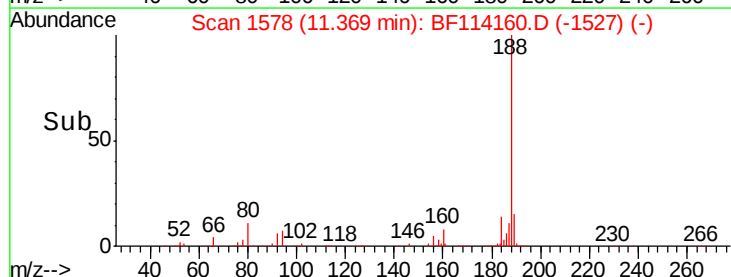
80 11.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

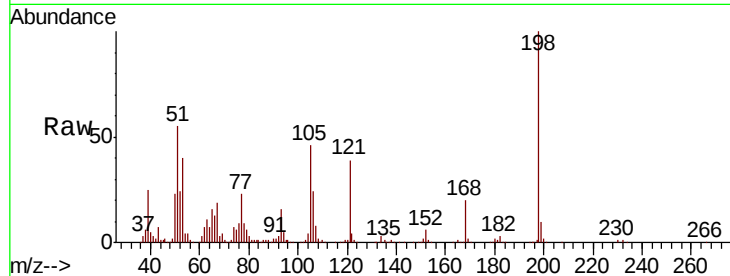




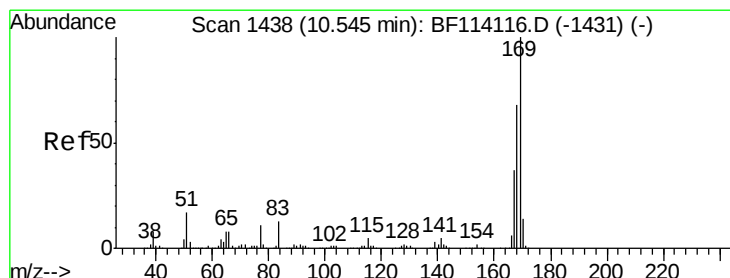
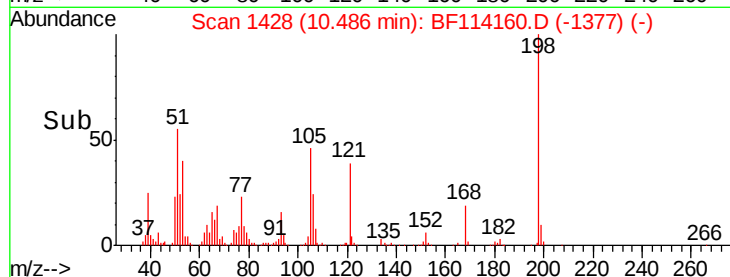
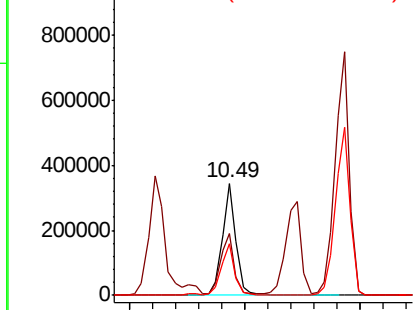
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.399 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BF114160.D
 Acq: 11 May 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:198 Resp: 281834
 Ion Ratio Lower Upper
 198 100
 51 54.7 28.0 68.0
 105 45.8 21.1 61.1

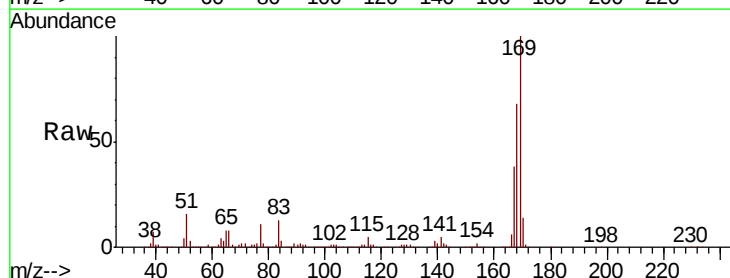


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

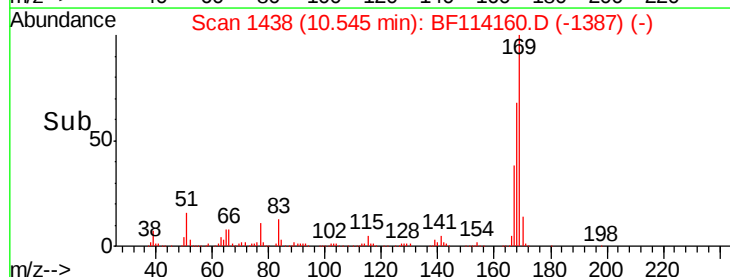
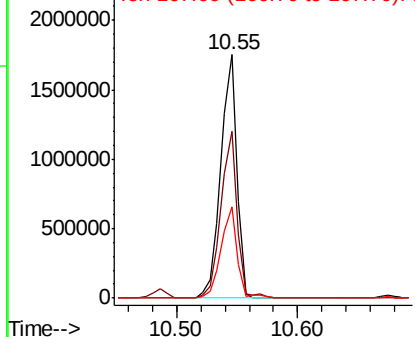


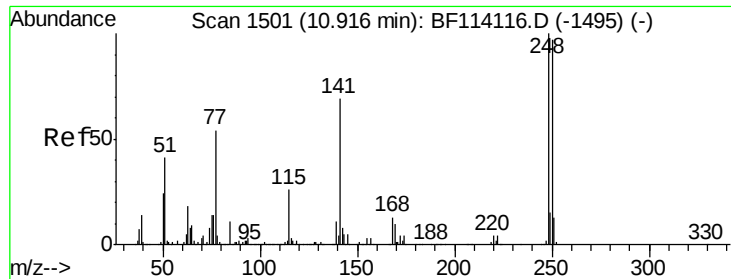
#66
 n-Nitrosodiphenylamine
 Concen: 40.835 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF114160.D
 Acq: 11 May 2019 16:54

Tgt Ion:169 Resp: 1601161
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.2 81.2
 167 37.5 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

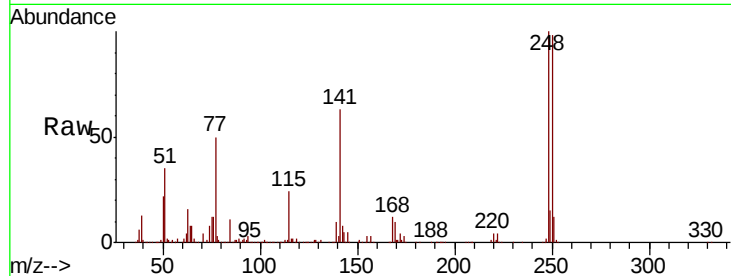




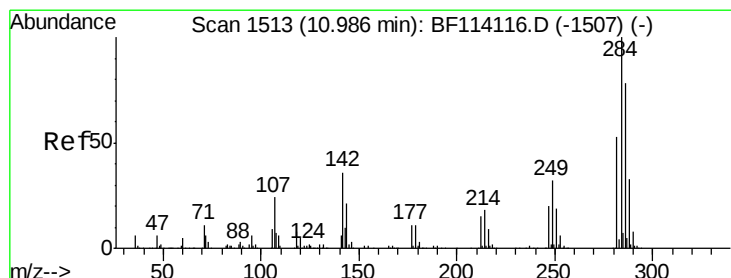
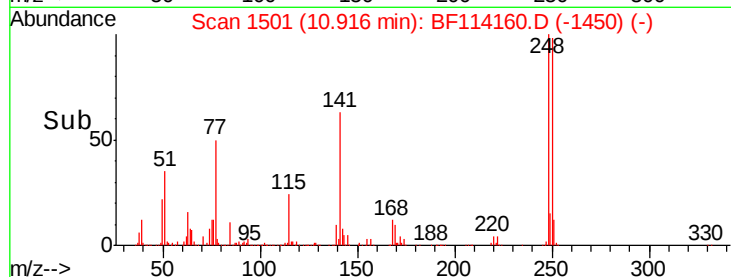
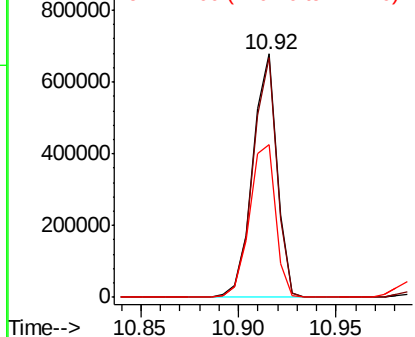
#67
4-Bromophenyl-phenylether
Concen: 41.067 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 584162
Ion Ratio Lower Upper
248 100
250 98.4 77.4 116.2
141 63.0 55.6 83.4

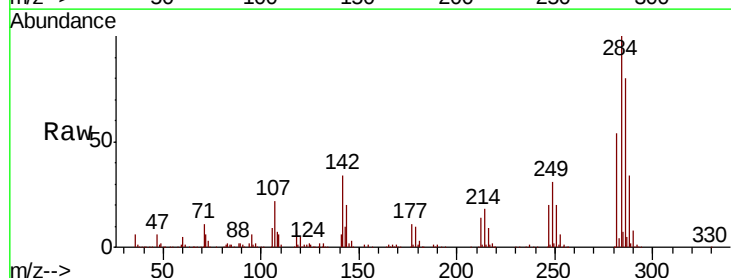


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

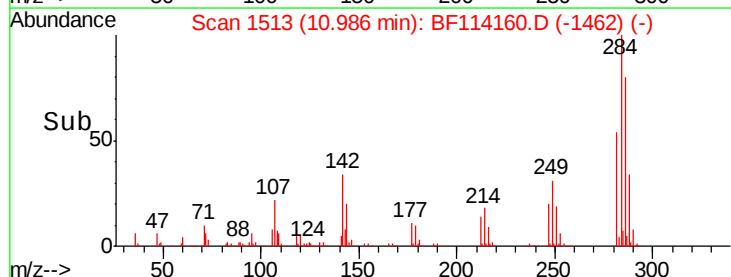
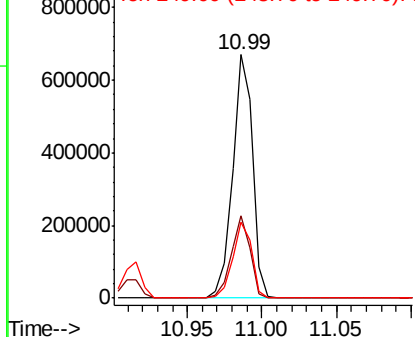


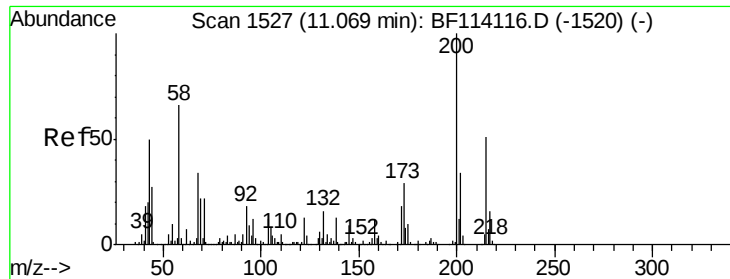
#68
Hexachlorobenzene
Concen: 40.119 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Tgt Ion:284 Resp: 631330
Ion Ratio Lower Upper
284 100
142 34.1 28.4 42.6
249 31.2 25.2 37.8



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

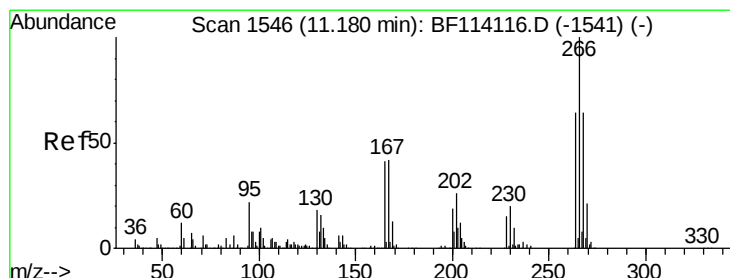
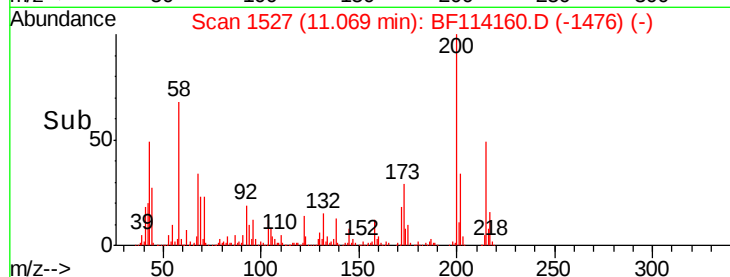
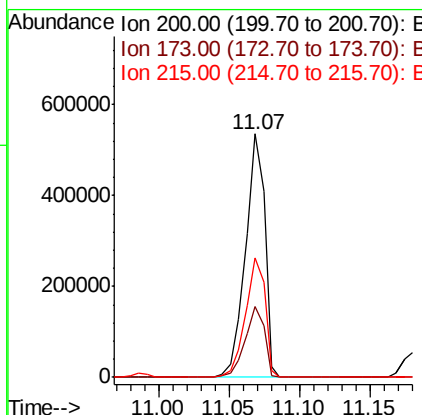
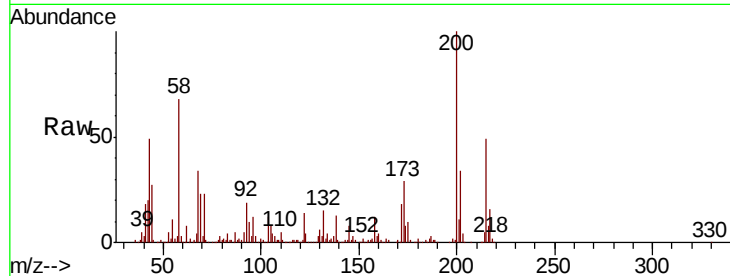




#69
Atrazine
Concen: 42.119 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

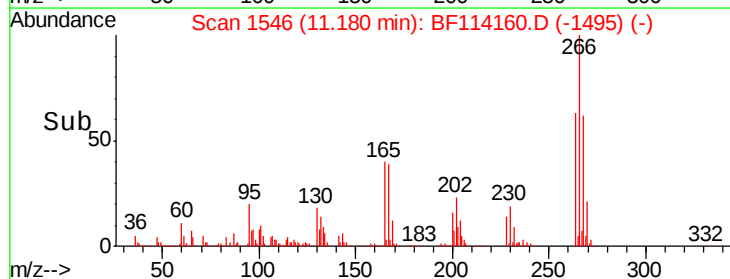
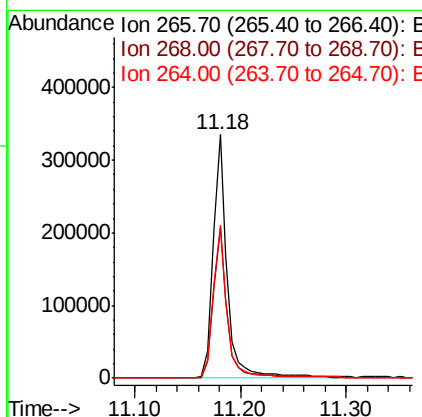
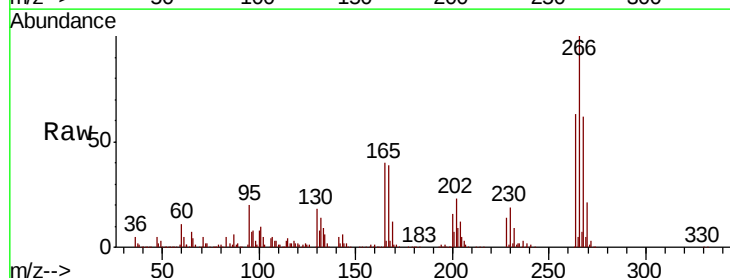
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

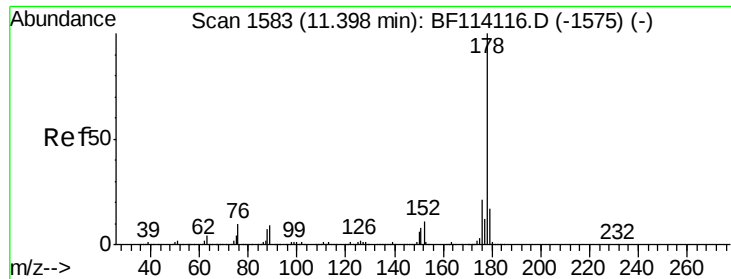
Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.9	8.9	48.9
215	49.1	30.7	70.7



#70
Pentachlorophenol
Concen: 42.725 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.1	76.7
264	62.6	51.1	76.7

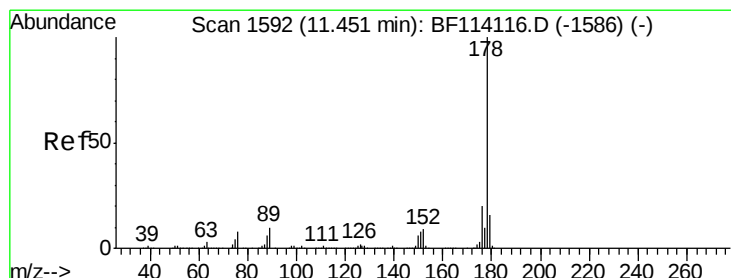
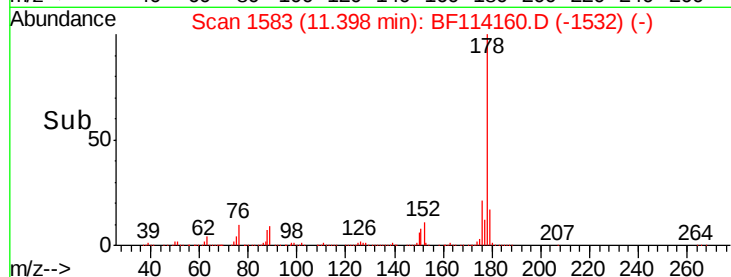
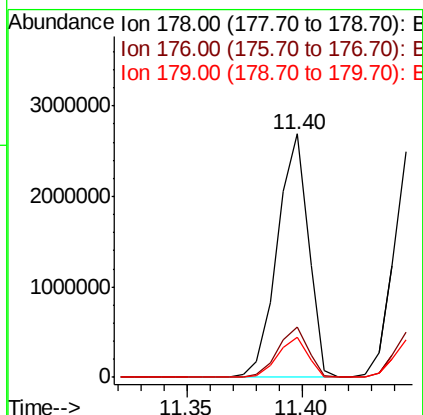
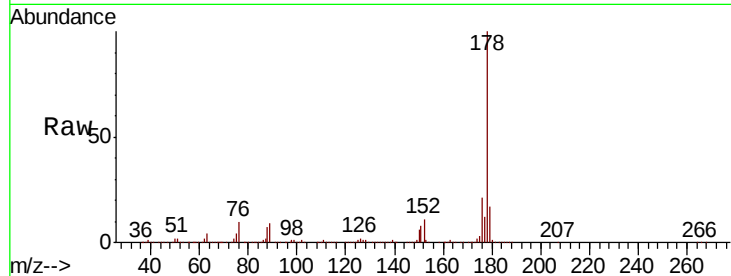




#71
Phenanthrene
Concen: 39.917 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

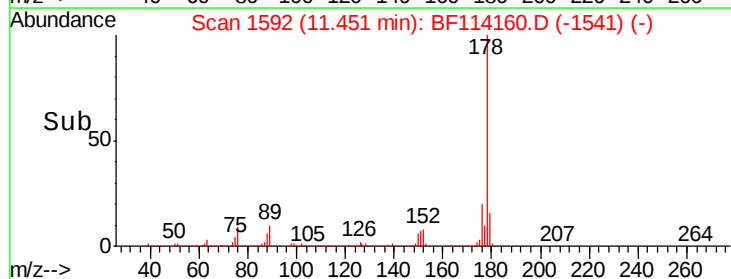
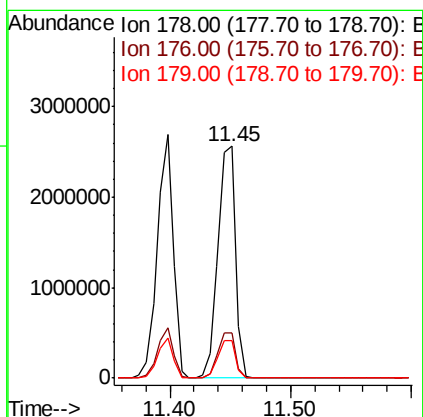
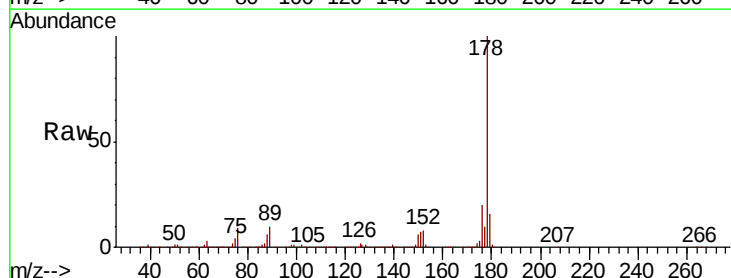
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

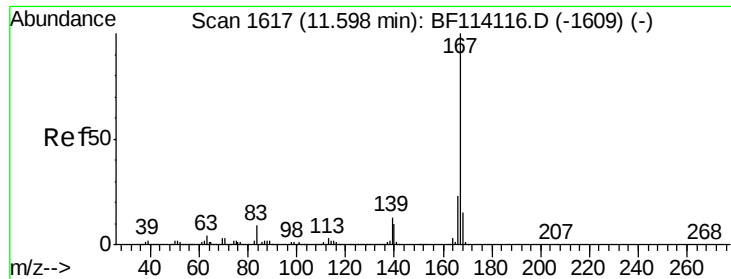
Tgt Ion:178 Resp: 2508949
Ion Ratio Lower Upper
178 100
176 20.7 16.4 24.6
179 16.5 13.2 19.8



#72
Anthracene
Concen: 40.412 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Tgt Ion:178 Resp: 2551269
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 16.3 13.0 19.4





#73

Carbazole

Concen: 40.012 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

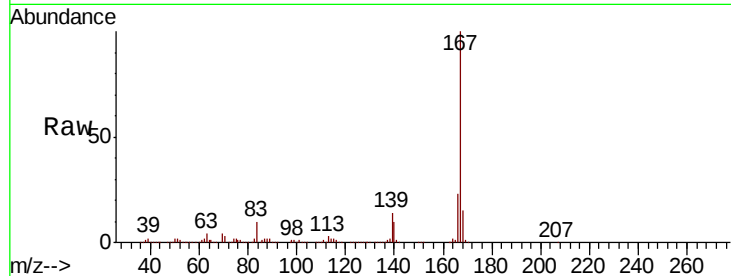
Tgt Ion:167 Resp: 2408797

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

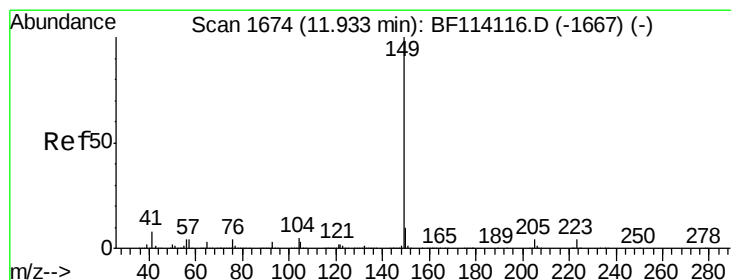
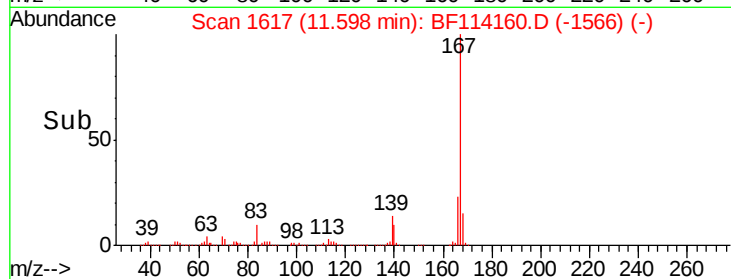
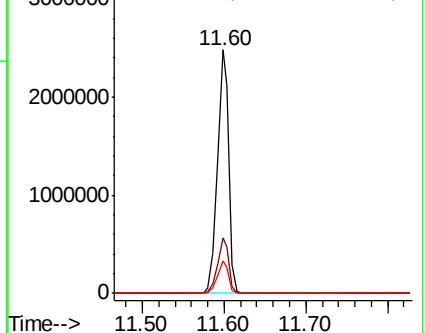
139 13.5 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.034 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

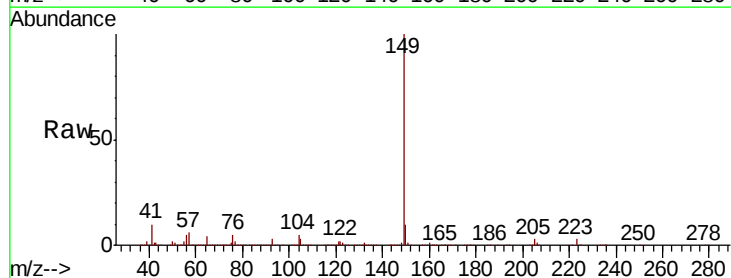
Tgt Ion:149 Resp: 2915356

Ion Ratio Lower Upper

149 100

150 10.2 7.7 11.5

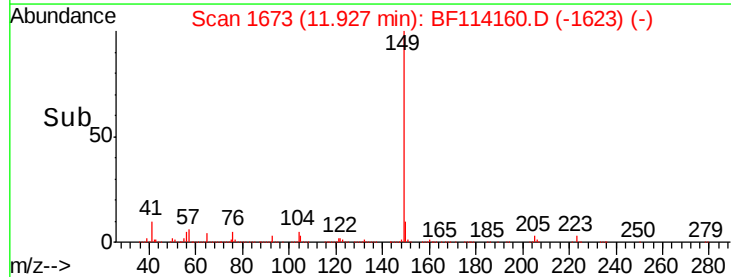
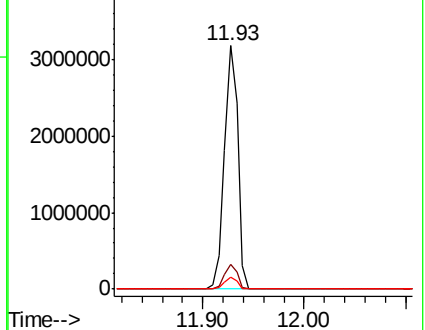
104 5.0 3.6 5.4

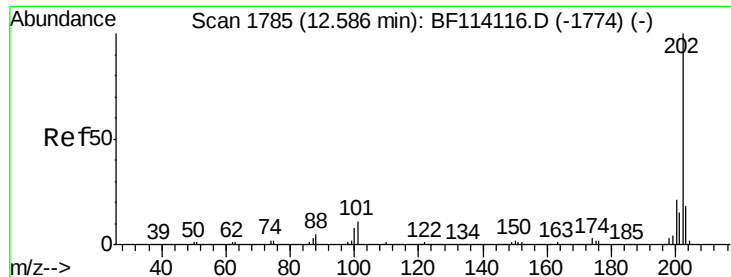


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.081 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

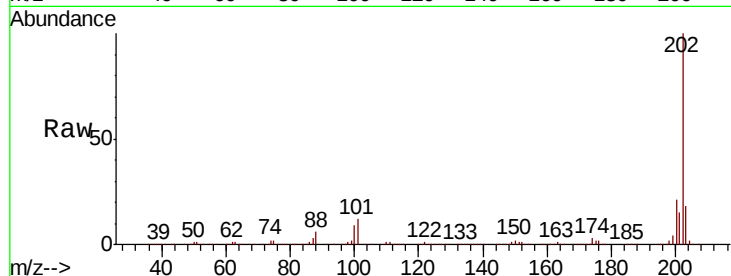
Tgt Ion:202 Resp: 2645214

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.0

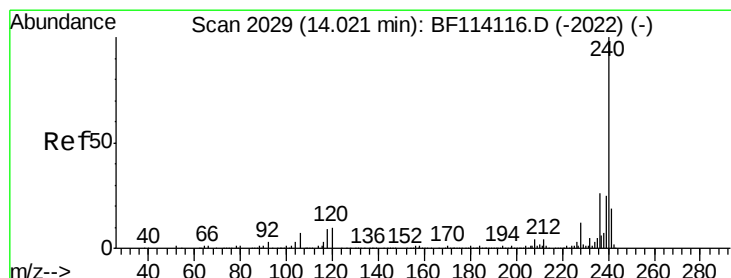
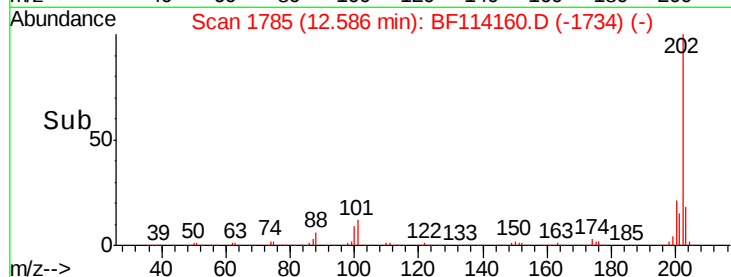
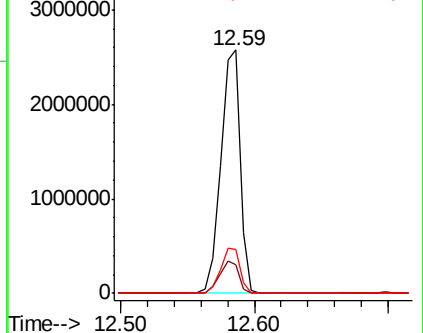
203 18.3 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

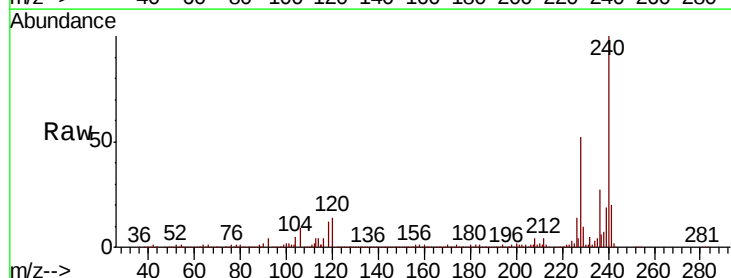
Tgt Ion:240 Resp: 876103

Ion Ratio Lower Upper

240 100

120 14.0 8.3 12.5#

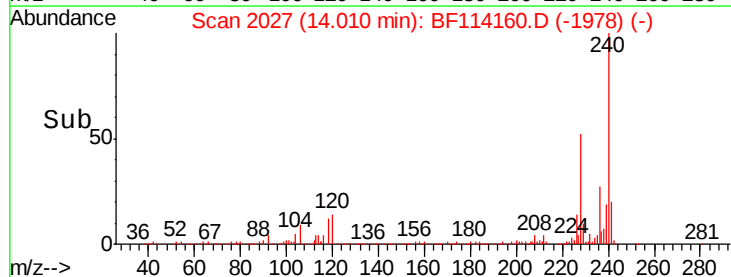
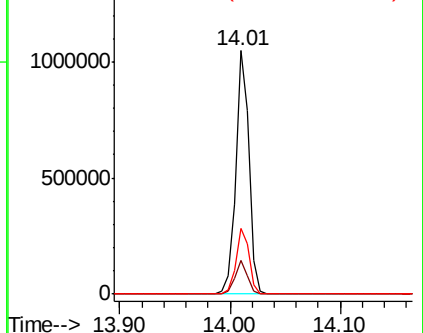
236 27.2 20.8 31.2

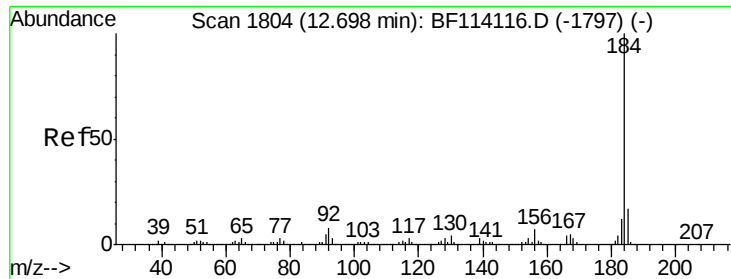


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.725 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

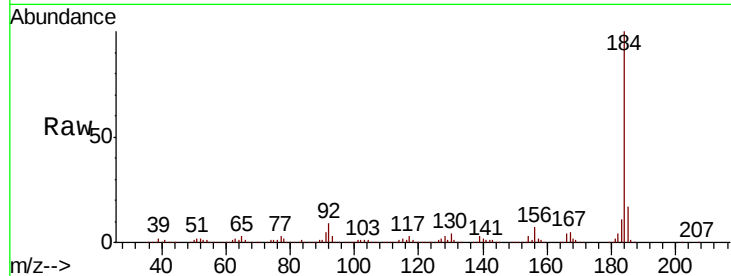
Tgt Ion:184 Resp: 1522918

Ion Ratio Lower Upper

184 100

185 17.3 13.6 20.4

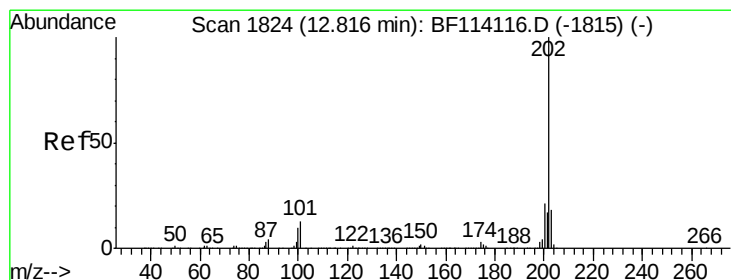
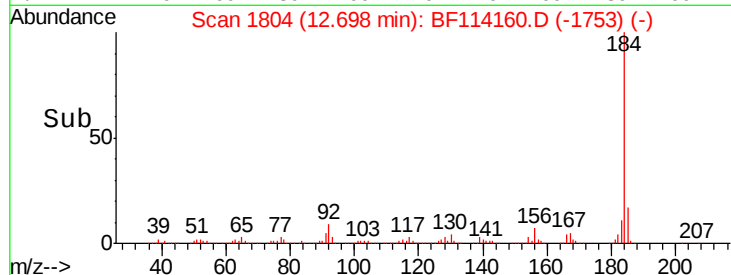
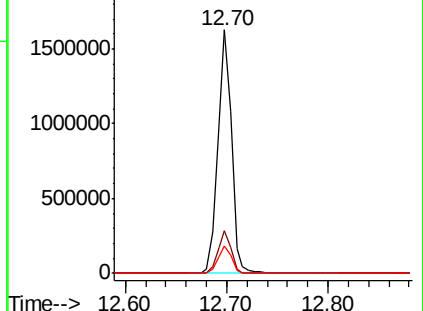
183 11.1 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.049 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

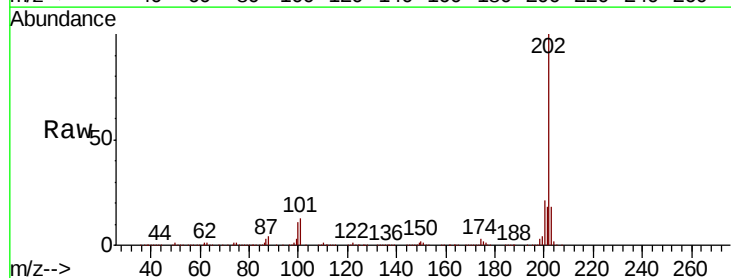
Tgt Ion:202 Resp: 2681638

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

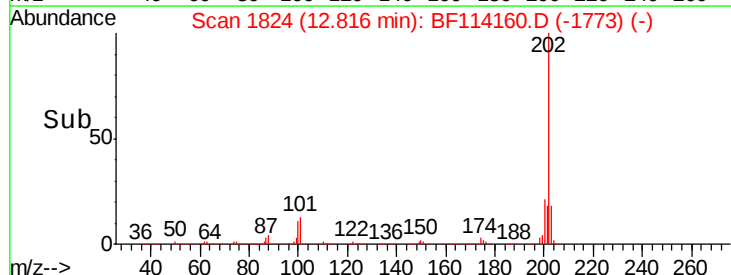
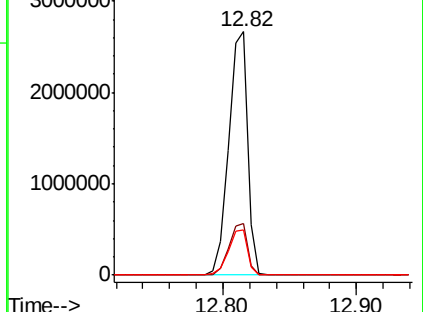
203 18.5 14.5 21.7

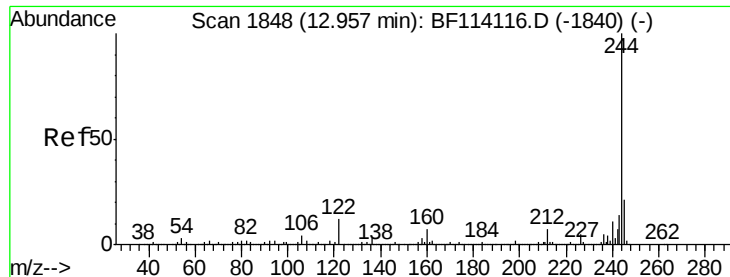


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.610 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

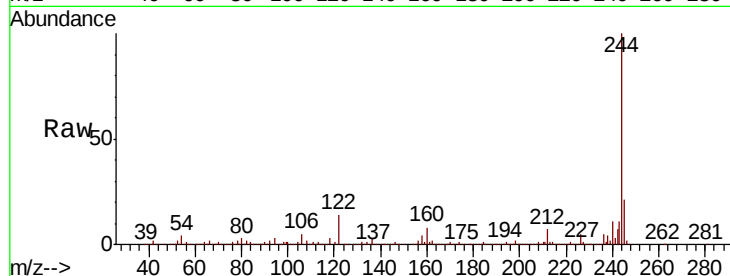
Tgt Ion:244 Resp: 3170885

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

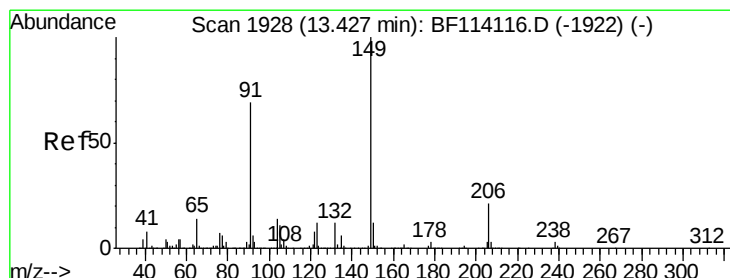
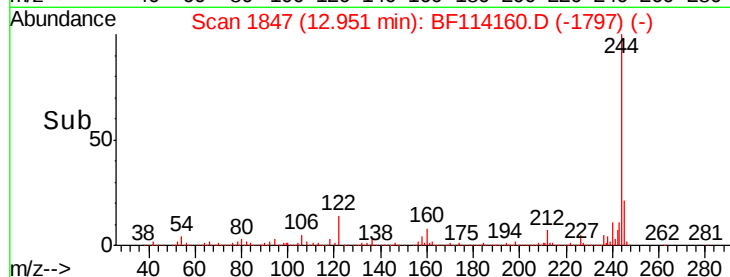
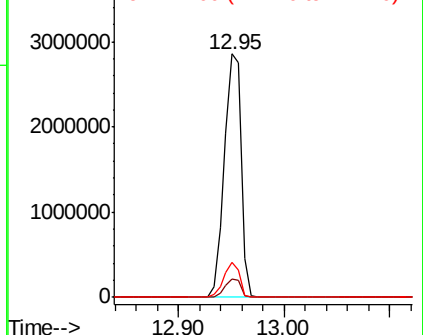
122 14.4 9.4 14.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.578 ng

RT: 13.42 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

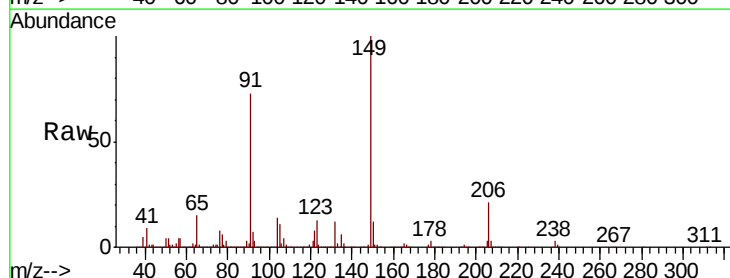
Tgt Ion:149 Resp: 1263066

Ion Ratio Lower Upper

149 100

91 73.3 55.0 82.4

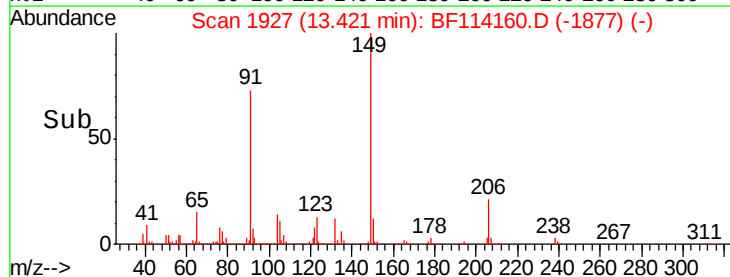
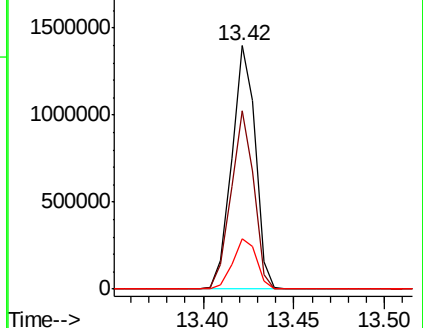
206 20.5 16.9 25.3

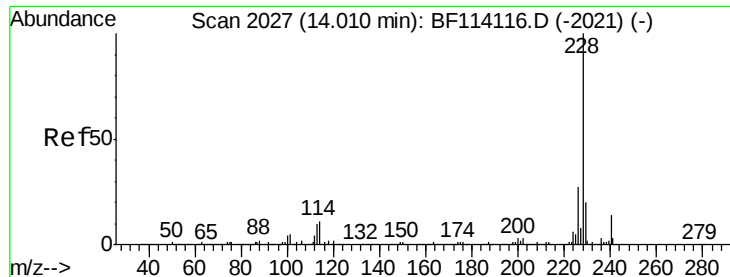


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.982 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

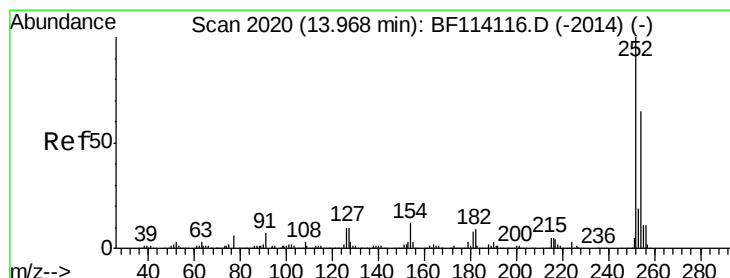
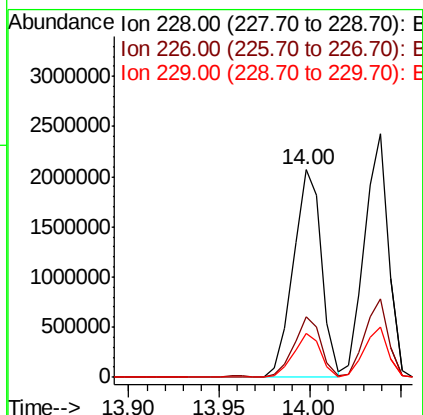
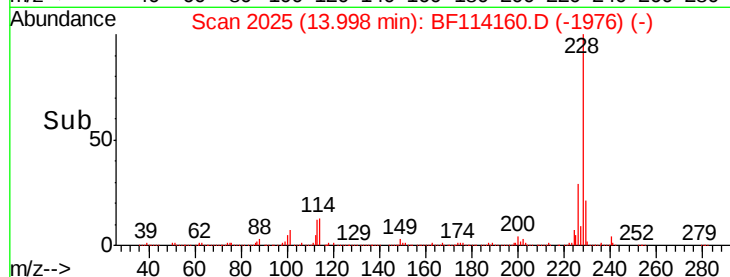
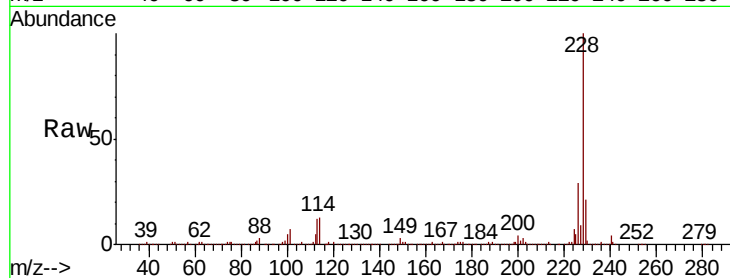
Tgt Ion:228 Resp: 2265595

Ion Ratio Lower Upper

228 100

226 29.0 22.2 33.2

229 21.0 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 43.385 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

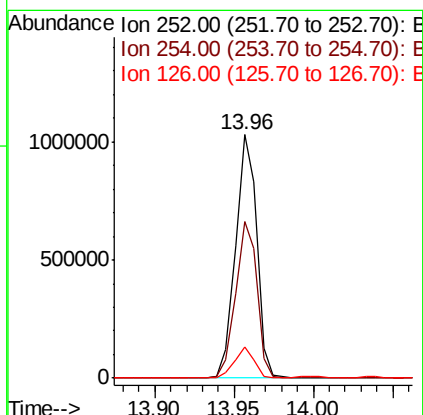
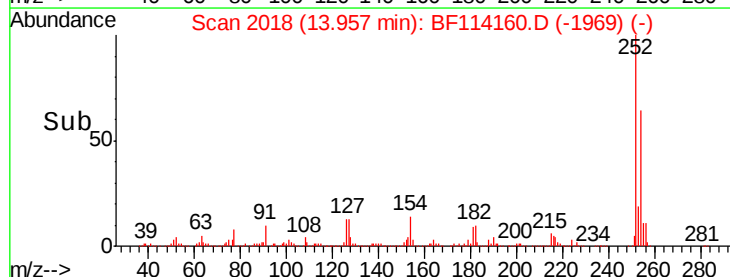
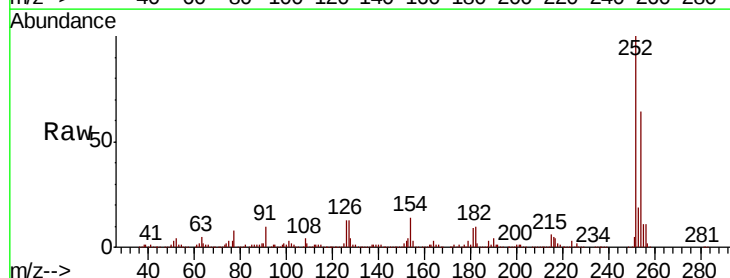
Tgt Ion:252 Resp: 953711

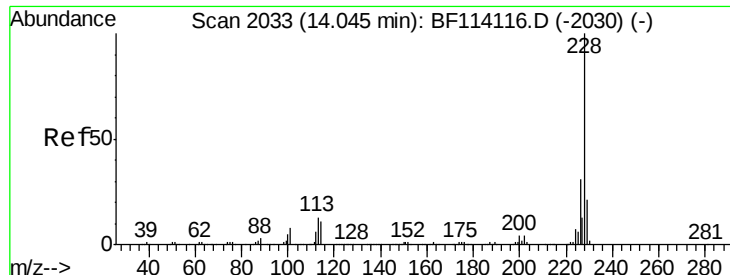
Ion Ratio Lower Upper

252 100

254 64.2 51.9 77.9

126 12.8 7.9 11.9#





#83

Chrysene

Concen: 40.397 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

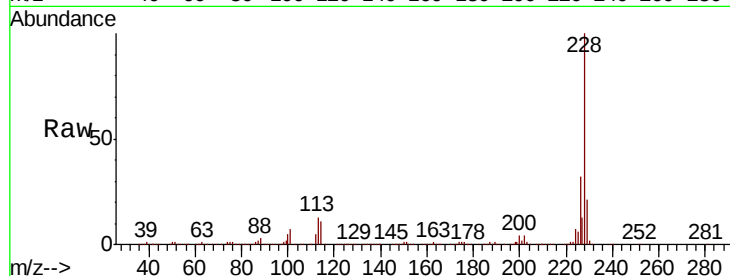
Tgt Ion:228 Resp: 2243995

Ion Ratio Lower Upper

228 100

226 32.2 25.0 37.6

229 20.8 17.0 25.6

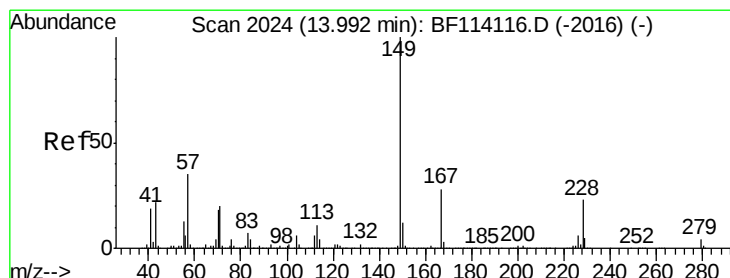
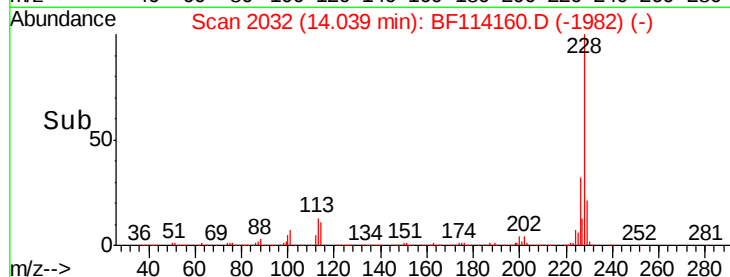
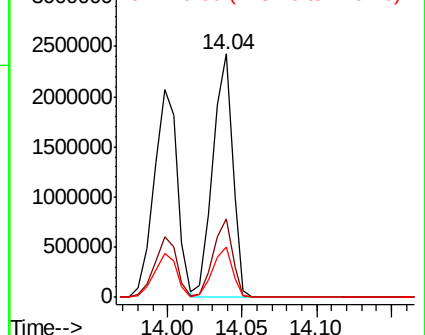


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.128 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

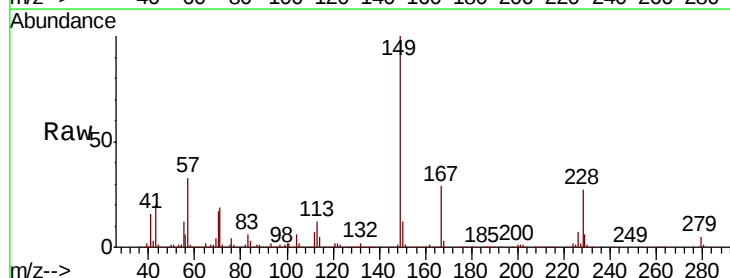
Tgt Ion:149 Resp: 1634476

Ion Ratio Lower Upper

149 100

167 28.7 22.6 33.8

279 4.6 3.0 4.6#

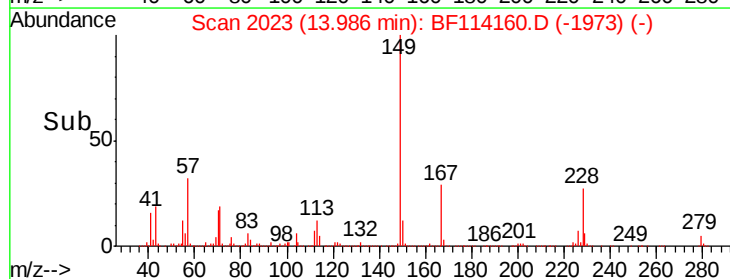
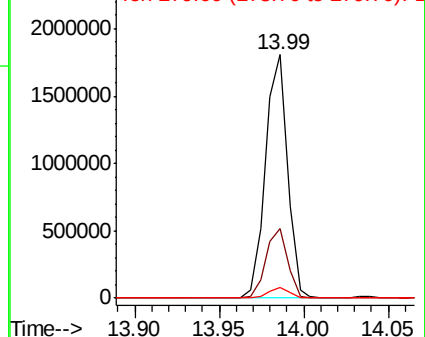


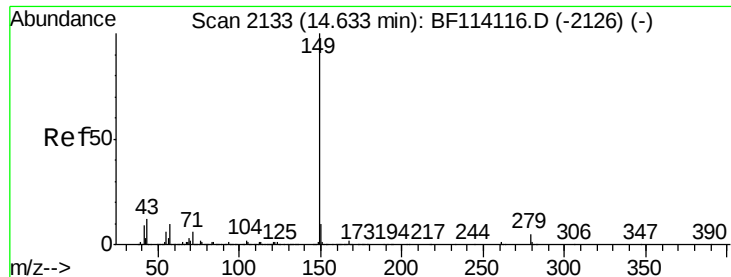
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.776 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

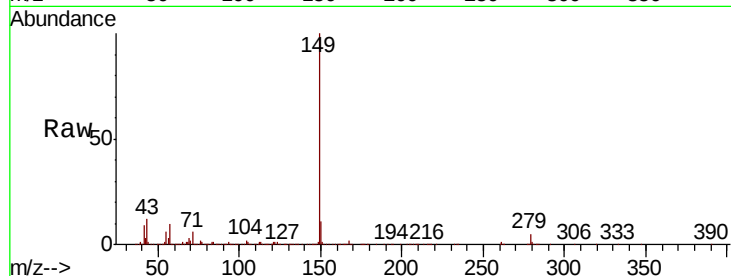
Tgt Ion:149 Resp: 2627447

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

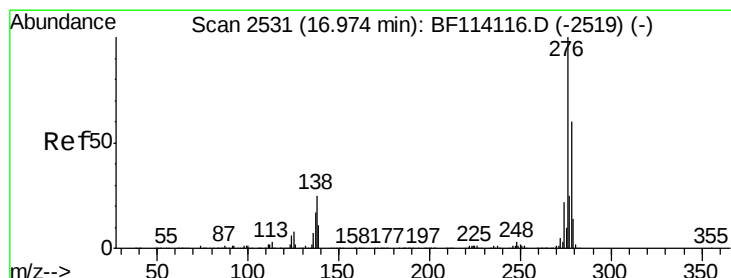
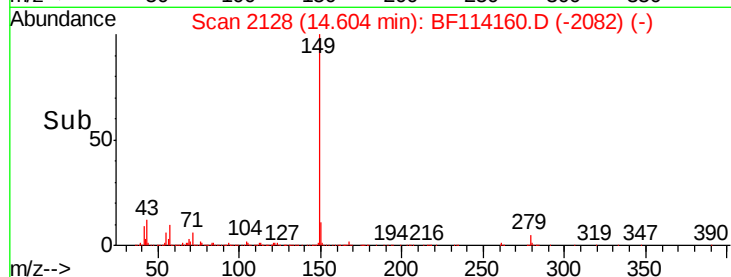
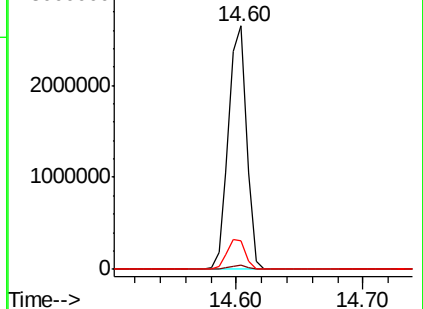
43 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.503 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.03 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

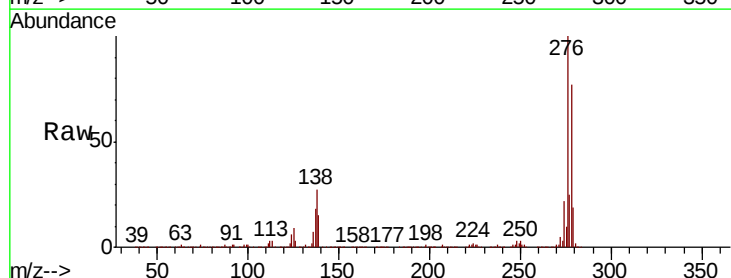
Tgt Ion:276 Resp: 1939301

Ion Ratio Lower Upper

276 100

138 26.1 20.2 30.2

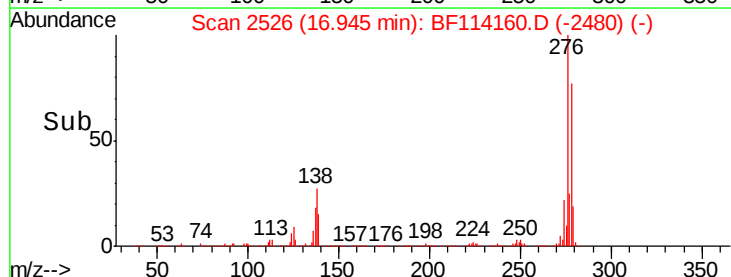
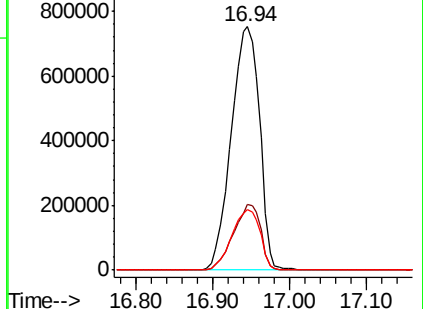
277 24.9 20.0 30.0

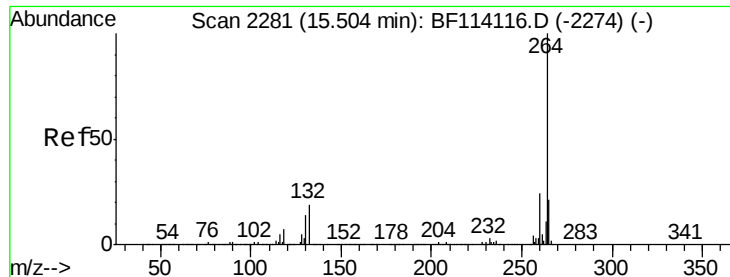


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



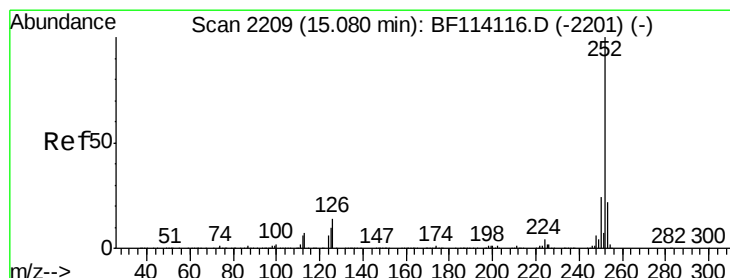
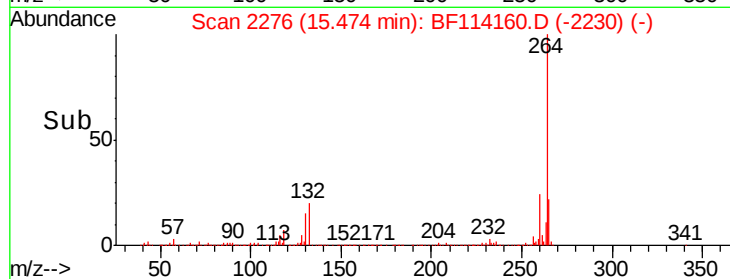
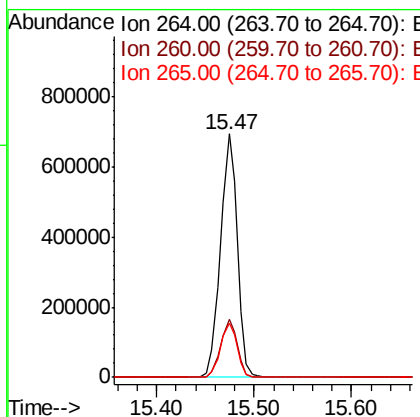
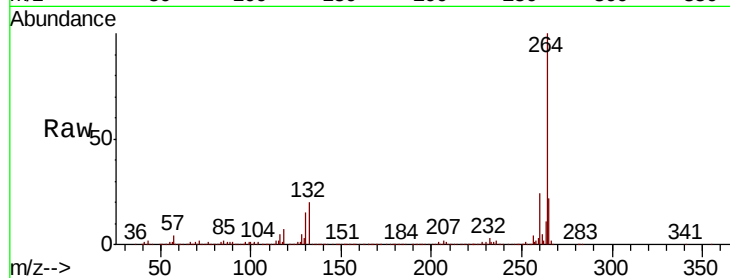


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 264 Resp: 829330

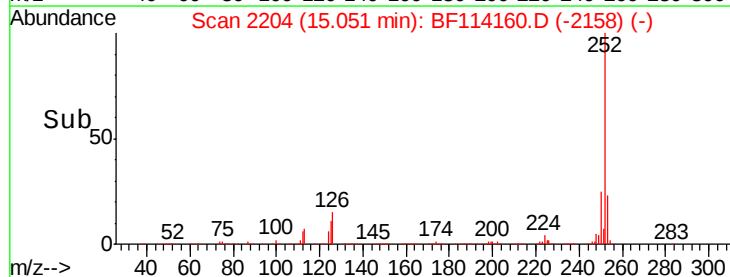
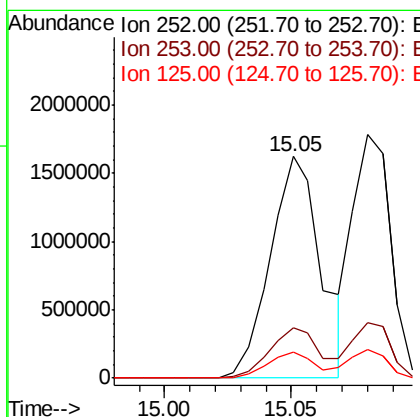
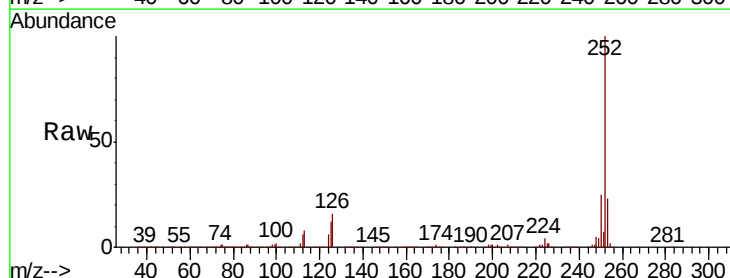
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	22.2	16.9	25.3

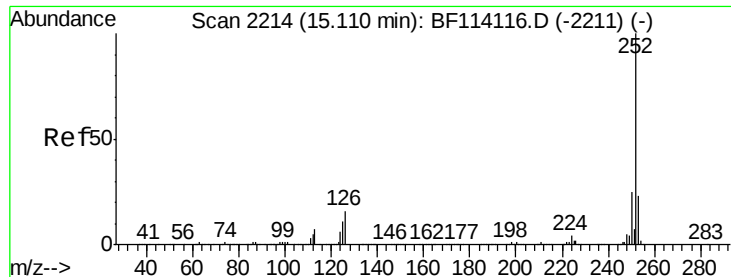


#88
Benzo(b)fluoranthene
Concen: 42.837 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Tgt Ion: 252 Resp: 2275988

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	11.7	8.3	12.5

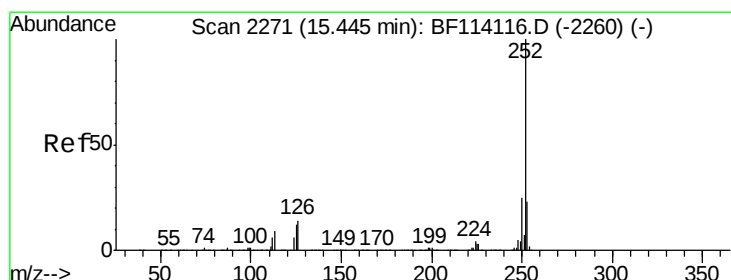
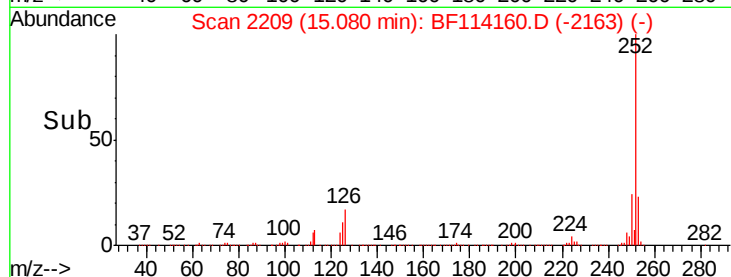
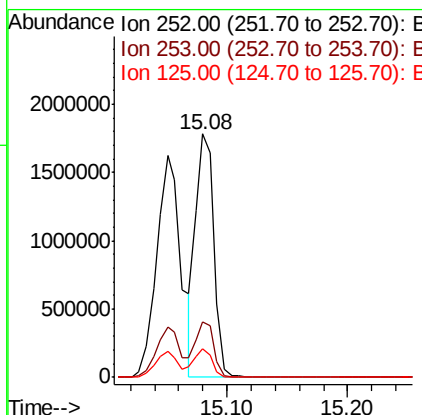
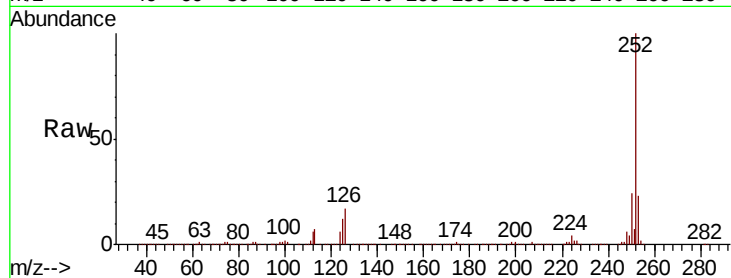




#89
Benzo(k)fluoranthene
Concen: 38.220 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.03 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

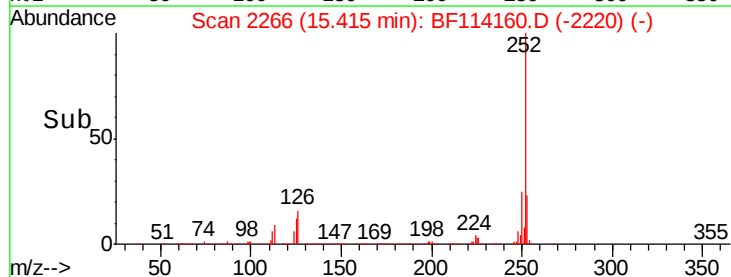
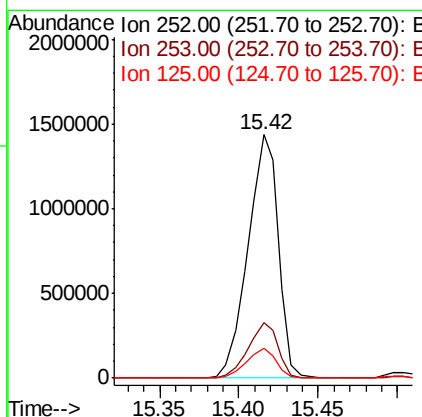
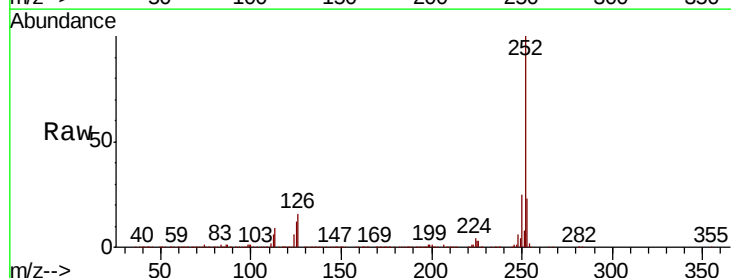
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

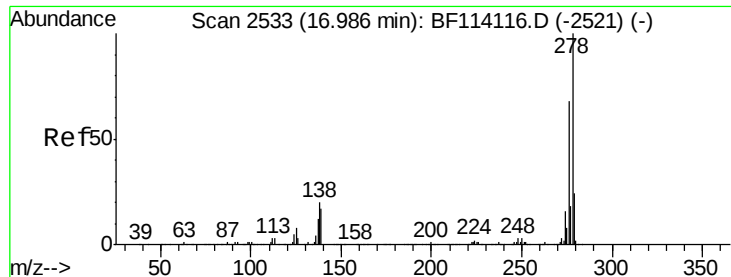
Tgt Ion:252 Resp: 1865372
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 11.5 8.6 13.0



#90
Benzo(a)pyrene
Concen: 40.834 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.03 min
Lab File: BF114160.D
Acq: 11 May 2019 16:54

Tgt Ion:252 Resp: 1909408
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 12.5 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 40.568 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.03 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

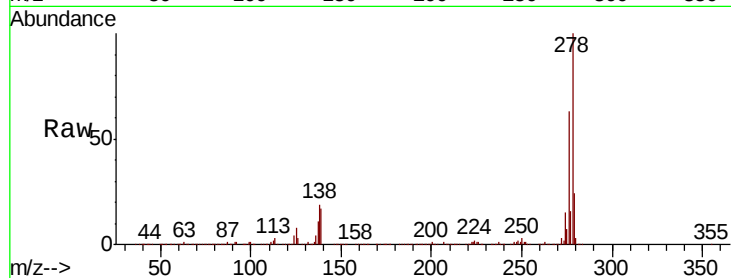
Tgt Ion:278 Resp: 1576300

Ion Ratio Lower Upper

278 100

139 17.1 13.5 20.3

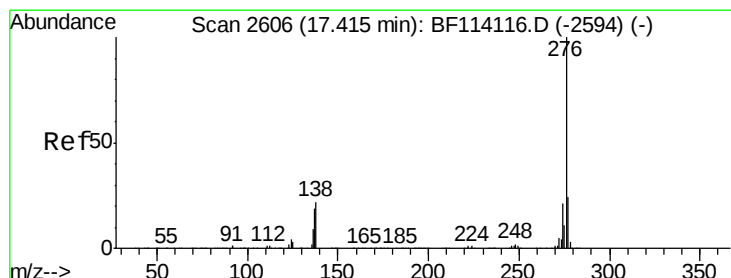
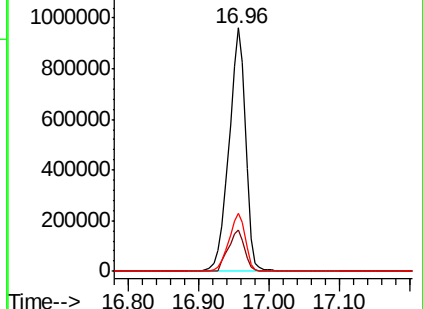
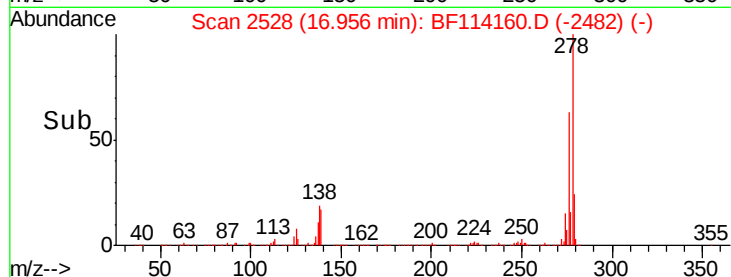
279 24.0 19.0 28.6



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: 37.940 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.04 min

Lab File: BF114160.D

Acq: 11 May 2019 16:54

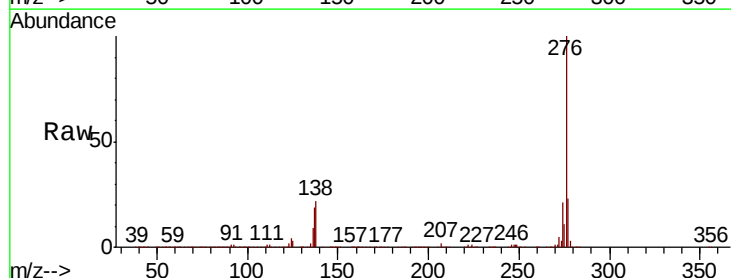
Tgt Ion:276 Resp: 1477343

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 22.0 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

