

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115868.D
 Acq On : 31 Jul 2019 16:15
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 01 04:54:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	184931	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	737313	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	387249	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	659005	20.00	ng	0.00
76) Chrysene-d12	14.02	240	459916	20.00	ng	0.00
87) Perylene-d12	15.49	264	413973	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	868654	78.63	ng	0.00
7) Phenol-d6	6.49	99	1116532	80.11	ng	0.00
23) Nitrobenzene-d5	7.42	82	1030940	80.71	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	293210	78.10	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1627611	78.73	ng	0.00
79) Terphenyl-d14	12.97	244	1728196	79.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	218783	39.203	ng	99
3) Pyridine	3.36	79	609779	39.115	ng	100
4) n-Nitrosodimethylamine	3.32	42	253193	41.155	ng	100
6) Aniline	6.52	93	812122	40.687	ng	99
8) 2-Chlorophenol	6.64	128	493249	40.379	ng	98
9) Benzaldehyde	6.40	77	377170	39.220	ng	100
10) Phenol	6.50	94	660874	40.266	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	485840	40.262	ng	97
12) 1,3-Dichlorobenzene	6.80	146	563383	39.907	ng	100
13) 1,4-Dichlorobenzene	6.87	146	560822	39.675	ng	100
14) 1,2-Dichlorobenzene	7.03	146	521807	40.090	ng	99
15) Benzyl Alcohol	7.00	79	422500	39.945	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	654364	39.757	ng	99
17) 2-Methylphenol	7.11	107	415230	40.144	ng	99
18) Hexachloroethane	7.37	117	207818	39.932	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	337388	39.064	ng	96
20) 3+4-Methylphenols	7.26	107	483476	39.499	ng	# 85
22) Acetophenone	7.26	105	641255	39.656	ng	# 96
24) Nitrobenzene	7.44	77	558315	40.481	ng	95
25) Isophorone	7.68	82	972093	39.800	ng	98
26) 2-Nitrophenol	7.75	139	267400	41.130	ng	100
27) 2,4-Dimethylphenol	7.79	122	396379	40.524	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	604305	39.918	ng	99
29) 2,4-Dichlorophenol	7.99	162	419401	40.610	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	473799	40.246	ng	99
31) Naphthalene	8.16	128	1402189	40.413	ng	99
32) Benzoic acid	7.93	122	255865	37.103	ng	97
33) 4-Chloroaniline	8.20	127	621407	40.084	ng	99
34) Hexachlorobutadiene	8.27	225	274688	40.509	ng	100
35) Caprolactam	8.59	113	136754	40.942	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	430240	40.045	ng	97
37) 2-Methylnaphthalene	8.85	142	913168	39.963	ng	99
38) 1-Methylnaphthalene	8.95	142	857398	39.662	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	416925	40.272	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	171609	40.113	nq	100
43) 2,4,6-Trichlorophenol	9.13	196	286442	40.197	nq	100
44) 2,4,5-Trichlorophenol	9.17	196	292511	39.711	nq	98
46) 1,1'-Biphenyl	9.32	154	1083766	39.641	nq	99
47) 2-Chloronaphthalene	9.35	162	911558	40.060	nq	99
48) 2-Nitroaniline	9.44	65	303273	40.322	nq	96
49) Acenaphthylene	9.76	152	1327292	39.982	nq	99
50) Dimethylphthalate	9.62	163	1024088	38.839	nq	99
51) 2,6-Dinitrotoluene	9.68	165	227567	39.714	nq	93
52) Acenaphthene	9.93	154	811453	39.844	nq	99
53) 3-Nitroaniline	9.85	138	278194	39.292	nq	93
54) 2,4-Dinitrophenol	9.96	184	98007	38.157	nq	98
55) Dibenzofuran	10.10	168	1184311	39.987	nq	99
56) 4-Nitrophenol	10.01	139	180948	39.895	nq	95
57) 2,4-Dinitrotoluene	10.09	165	304259	39.881	nq	95
58) Fluorene	10.45	166	893577	39.215	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	248710	40.133	nq	99
60) Diethylphthalate	10.32	149	958920	38.953	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	451768	39.147	nq	99
62) 4-Nitroaniline	10.47	138	288716	39.458	nq	99
63) Azobenzene	10.60	77	983842	38.856	nq	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	142819	40.896	nq	90
66) n-Nitrosodiphenylamine	10.56	169	797251	40.193	nq	100
67) 4-Bromophenyl-phenylether	10.93	248	281698	39.931	nq	# 90
68) Hexachlorobenzene	11.00	284	324072	39.727	nq	99
69) Atrazine	11.08	200	256674	39.334	nq	99
70) Pentachlorophenol	11.19	266	159252	40.210	nq	99
71) Phenanthrene	11.41	178	1331362	39.518	nq	99
72) Anthracene	11.46	178	1360317	39.897	nq	99
73) Carbazole	11.61	167	1242238	40.159	nq	100
74) Di-n-butylphthalate	11.94	149	1392404	38.587	nq	99
75) Fluoranthene	12.60	202	1398728	39.658	nq	100
77) Benzidine	12.71	184	647508	41.673	nq	99
78) Pyrene	12.83	202	1420397	40.970	nq	100
80) Butylbenzylphthalate	13.43	149	587620	40.069	nq	94
81) Benzo(a)anthracene	14.01	228	1180930	40.173	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	412365	40.377	nq	# 99
83) Chrysene	14.05	228	1123950	39.383	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	738715	38.763	nq	99
85) Di-n-octyl phthalate	14.60	149	1117422	36.915	nq	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	938091	39.136	nq	100
88) Benzo(b)fluoranthene	15.06	252	936308	39.116	nq	98
89) Benzo(k)fluoranthene	15.09	252	934336	40.076	nq	99
90) Benzo(a)pyrene	15.43	252	850663	39.756	nq	98
91) Dibenzo(a,h)anthracene	16.97	278	766718	41.396	nq	99
92) Benzo(g,h,i)perylene	17.41	276	762494	41.918	nq	98

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

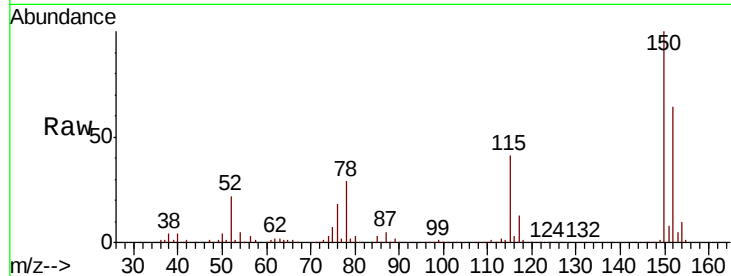


#1

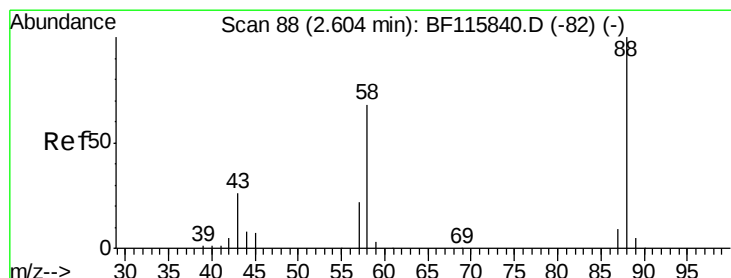
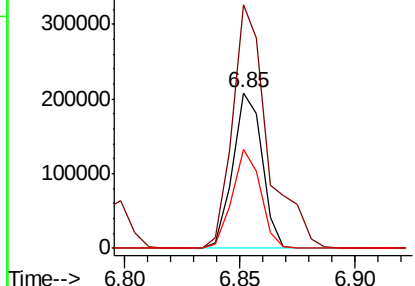
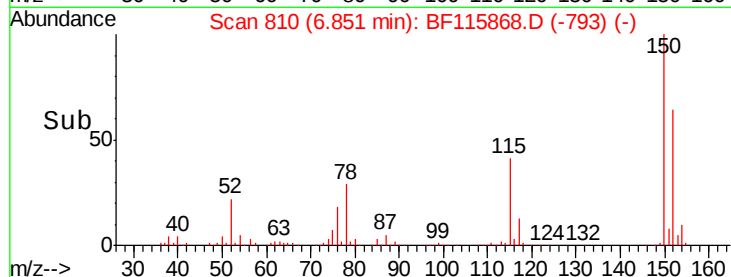
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 184931
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.0
115 63.6 51.8 77.8



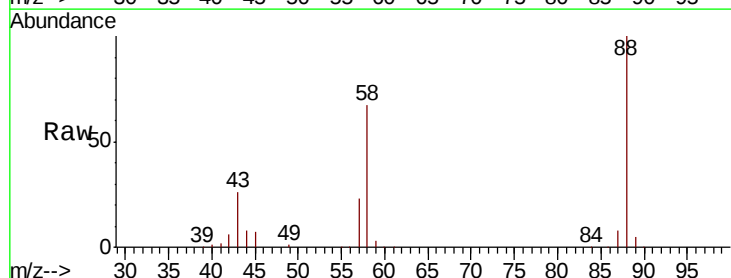
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



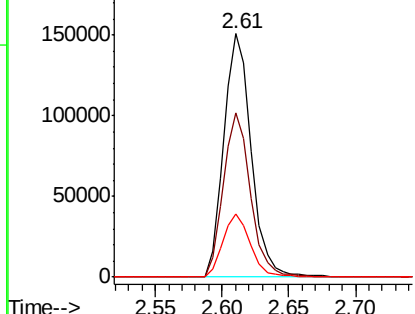
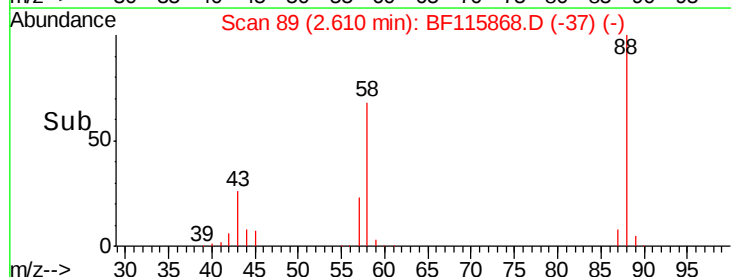
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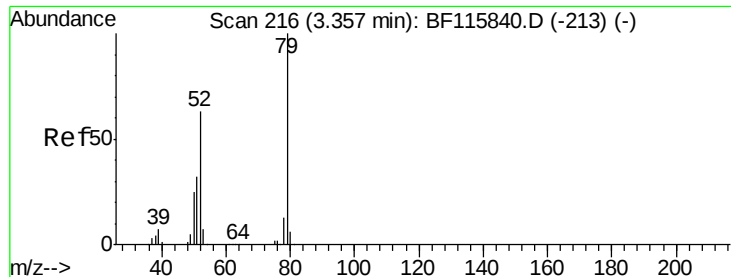
1,4-Dioxane
Concen: 39.203 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Tgt Ion: 88 Resp: 218783
Ion Ratio Lower Upper
88 100
58 67.0 54.1 81.1
43 26.0 20.7 31.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.115 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

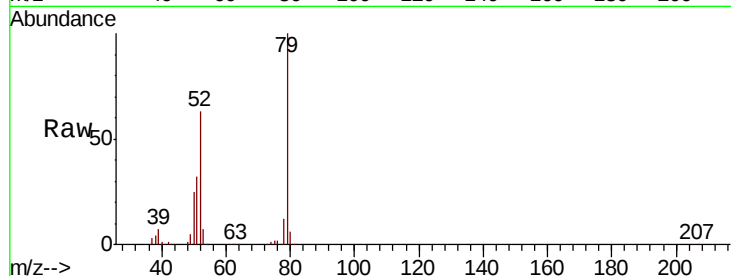
Tot Ion: 79 Resp: 609779

Ion Ratio Lower Upper

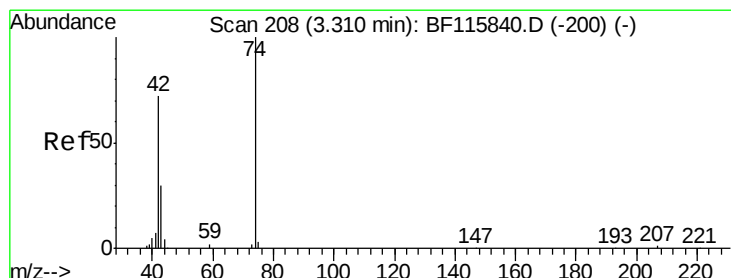
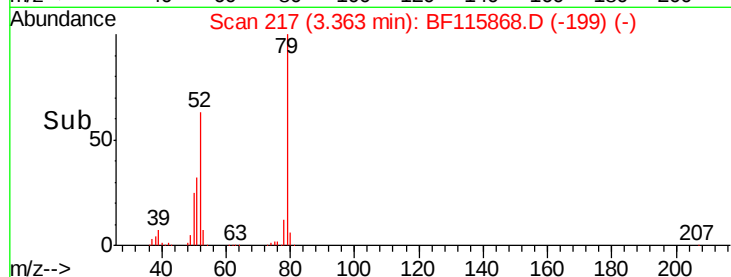
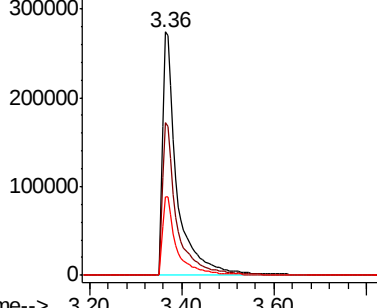
79 100

52 62.5 50.2 75.4

51 32.4 25.8 38.6



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



#4

n-Nitrosodimethylamine

Concen: 41.155 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.01 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

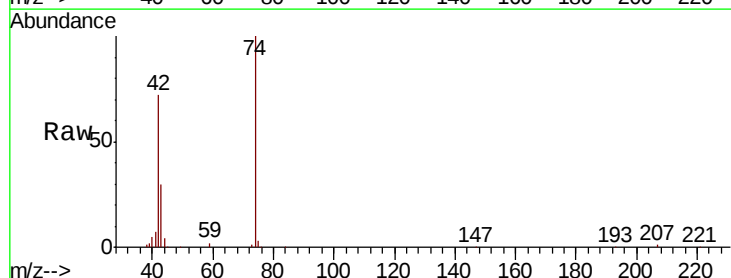
Tgt Ion: 42 Resp: 253193

Ion Ratio Lower Upper

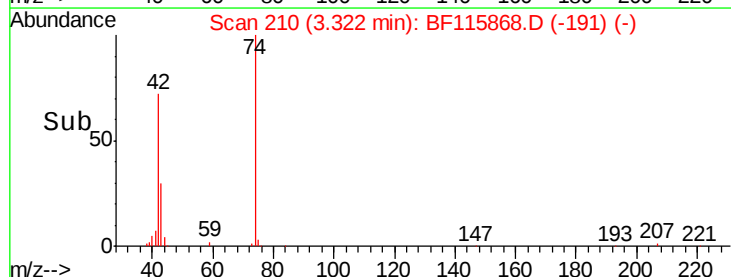
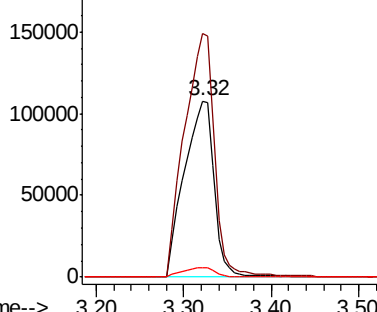
42 100

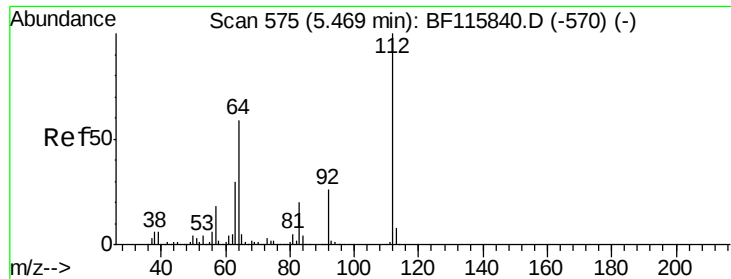
74 138.1 111.0 166.4

44 5.6 4.7 7.1



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





#5

2-Fluorophenol

Concen: 78.634 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

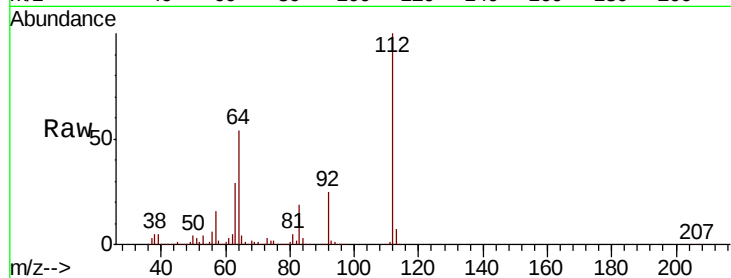
Tot Ion:112 Resp: 868654

Ion Ratio Lower Upper

112 100

64 54.4 46.8 70.2

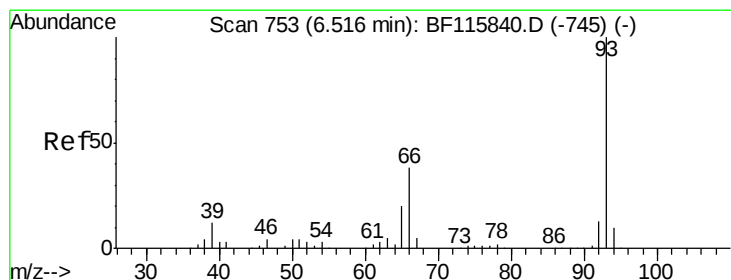
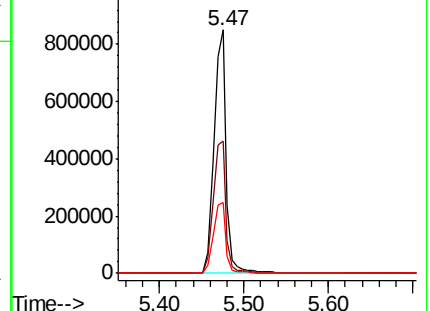
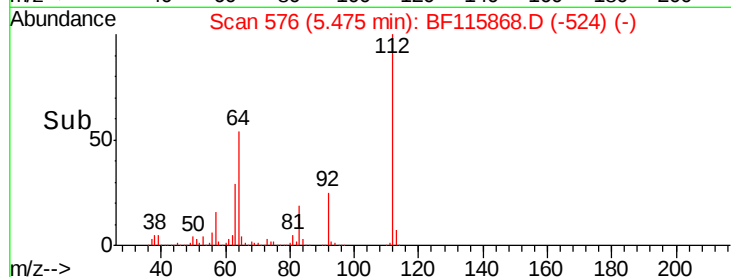
63 28.9 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.687 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

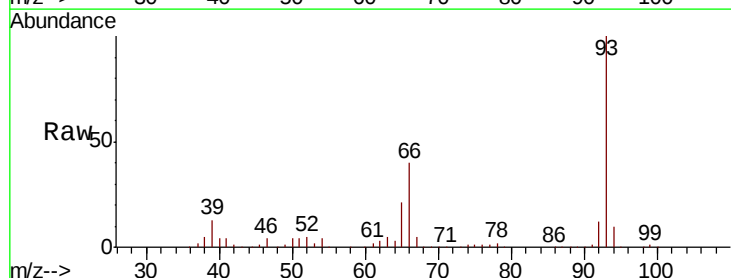
Tgt Ion: 93 Resp: 812122

Ion Ratio Lower Upper

93 100

66 40.2 31.4 47.0

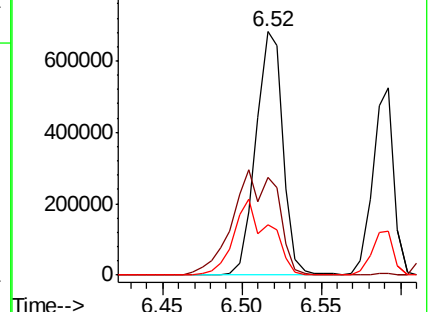
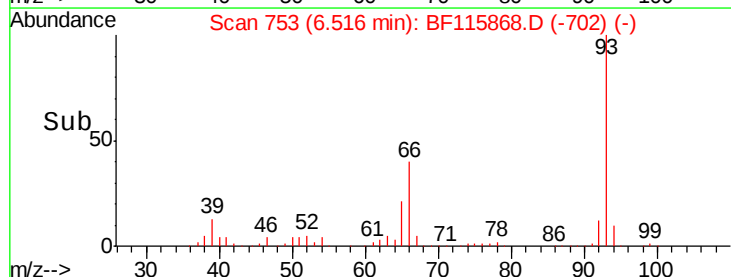
65 20.6 16.5 24.7

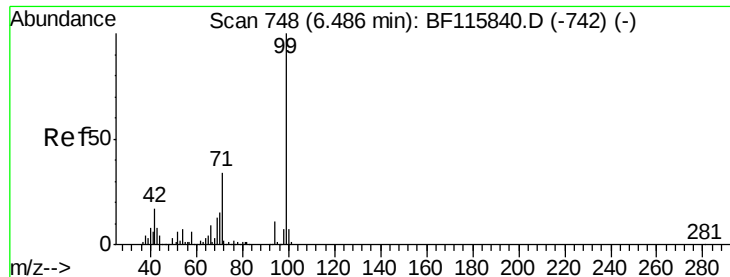


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.110 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

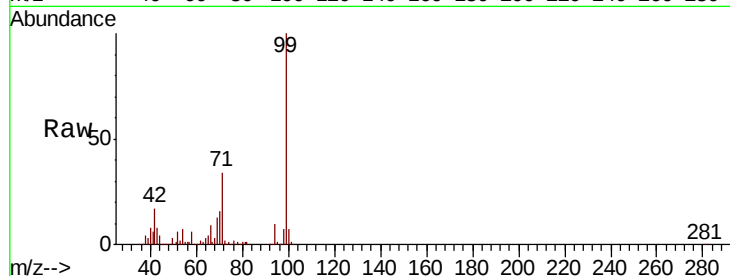
Tot Ion: 99 Resp: 1116532

Ion Ratio Lower Upper

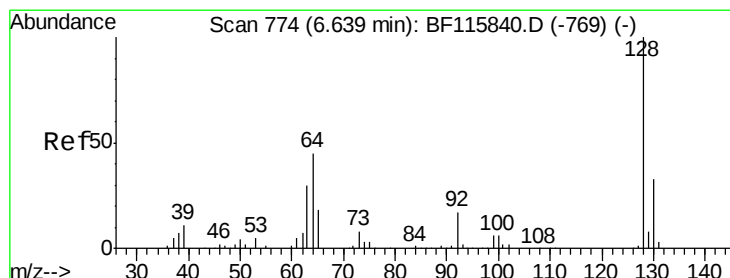
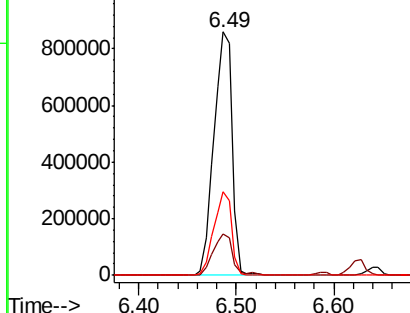
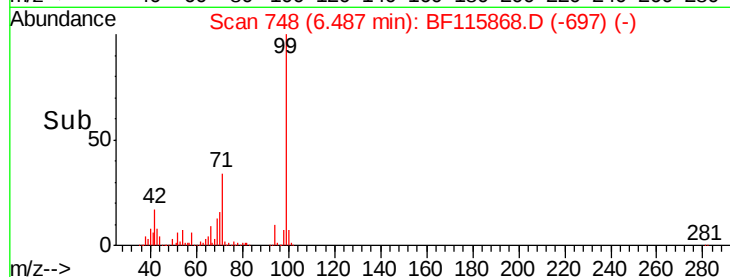
99 100

42 17.0 13.8 20.6

71 34.1 27.1 40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.379 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

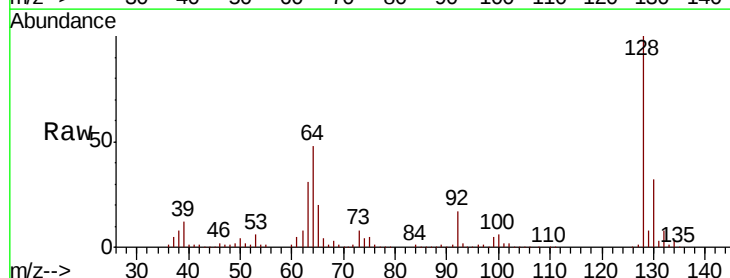
Tgt Ion: 128 Resp: 493249

Ion Ratio Lower Upper

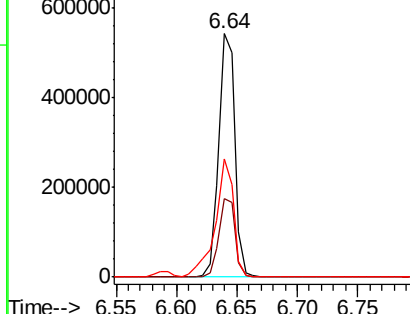
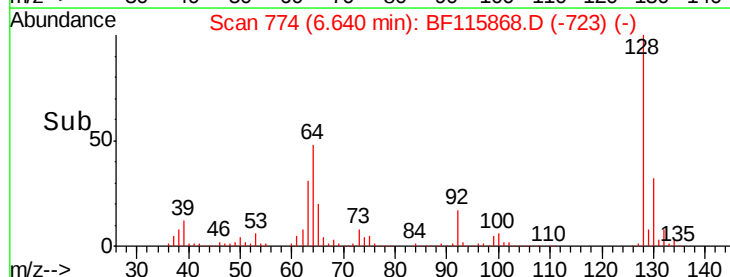
128 100

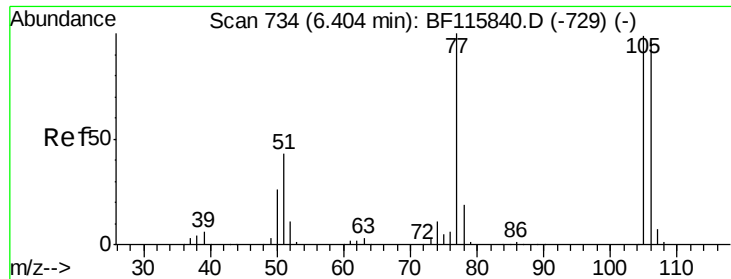
130 32.3 12.9 52.9

64 48.4 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

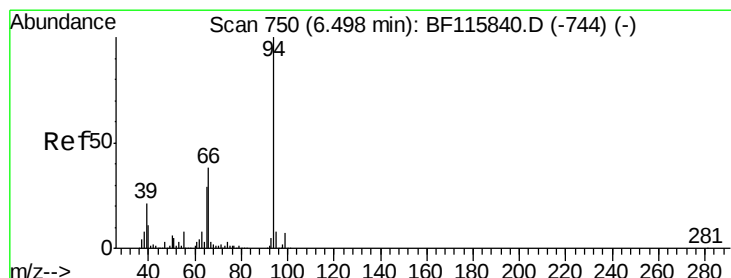
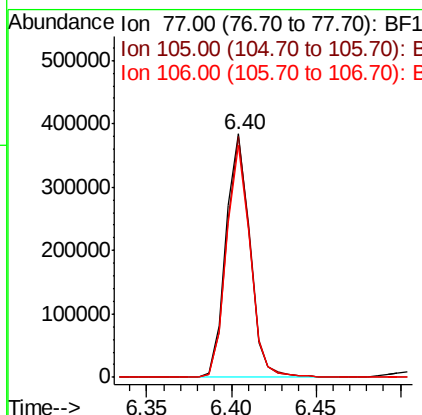
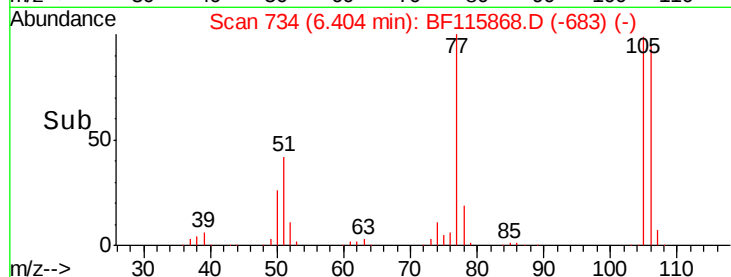
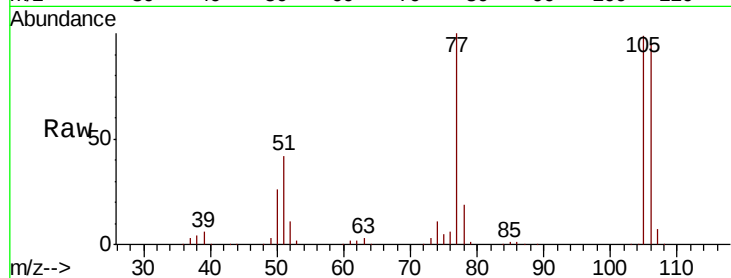




#9
Benzaldehyde
Concen: 39.220 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

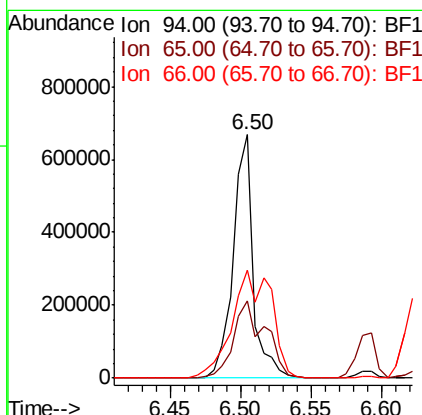
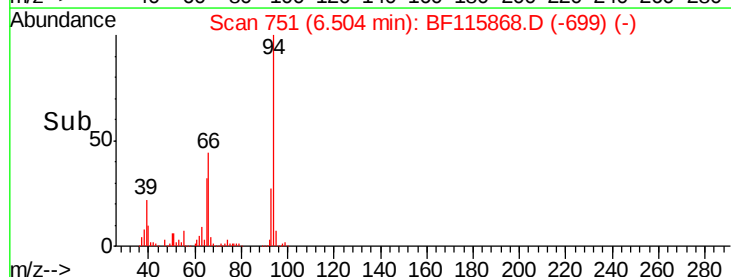
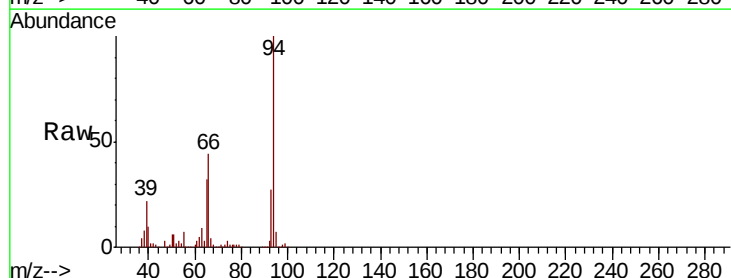
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

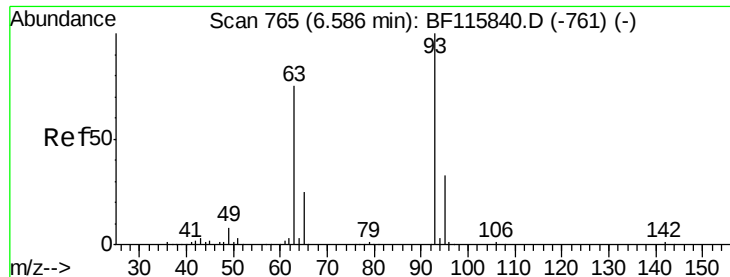
Tot Ion: 77 Resp: 377170
Ion Ratio Lower Upper
77 100
105 98.9 79.0 119.0
106 95.4 76.2 116.2



#10
Phenol
Concen: 40.266 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Tgt Ion: 94 Resp: 660874
Ion Ratio Lower Upper
94 100
65 31.9 8.9 48.9
66 44.4 18.0 58.0





#11

bis(2-Chloroethyl)ether

Concen: 40.262 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

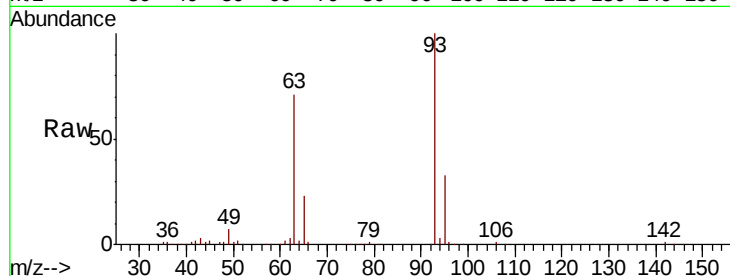
Tot Ion: 93 Resp: 485840

Ion Ratio Lower Upper

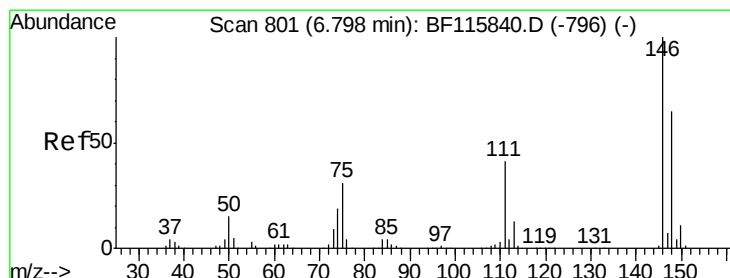
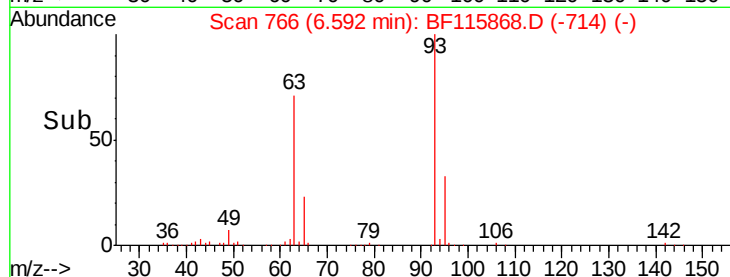
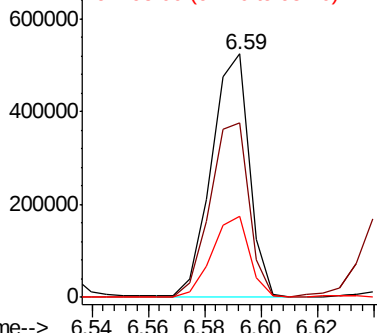
93 100

63 71.5 54.9 94.9

95 33.2 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.907 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

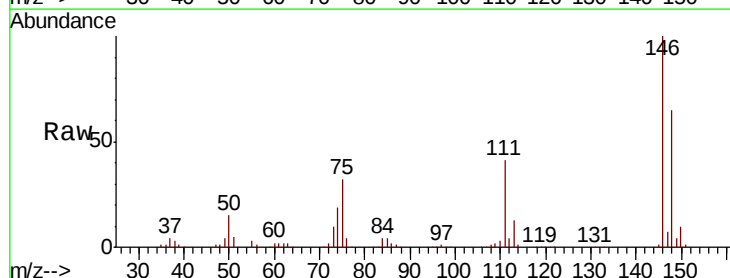
Tgt Ion:146 Resp: 563383

Ion Ratio Lower Upper

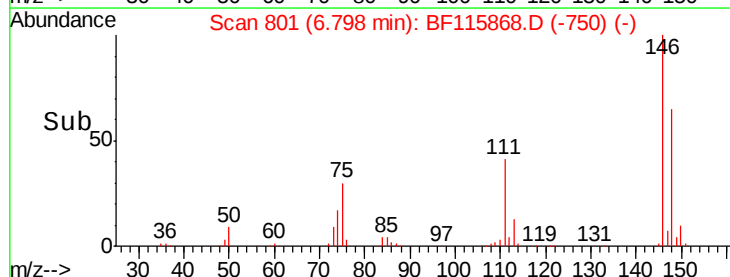
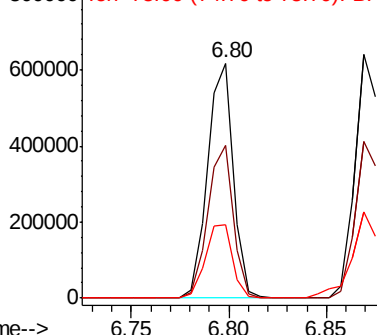
146 100

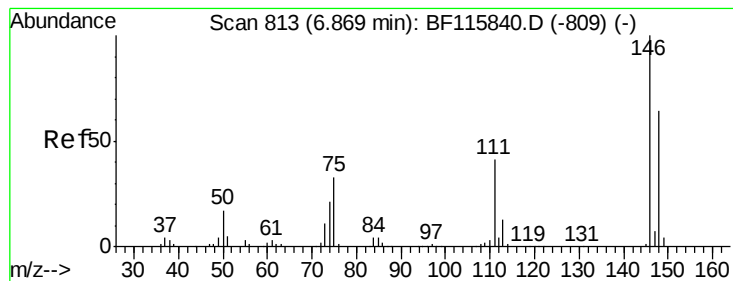
148 65.0 52.1 78.1

75 31.5 25.0 37.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.675 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

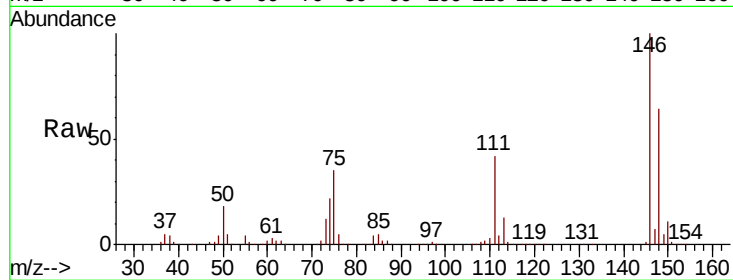
Tot Ion:146 Resp: 560822

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

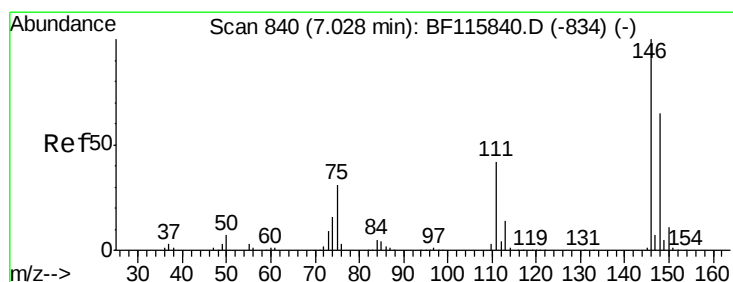
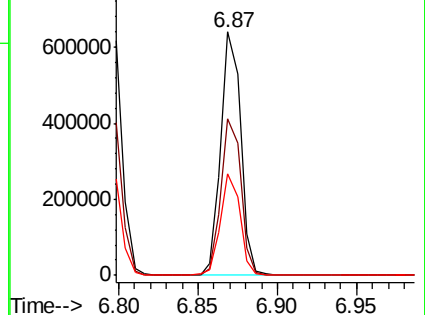
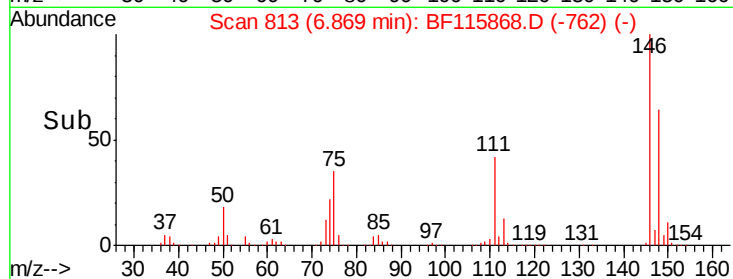
111 42.0 33.2 49.8



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: 40.090 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

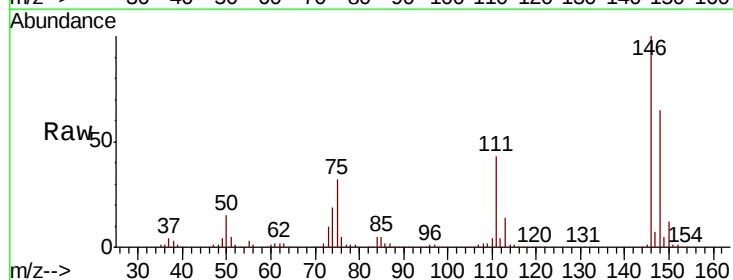
Tgt Ion:146 Resp: 521807

Ion Ratio Lower Upper

146 100

148 64.8 51.6 77.4

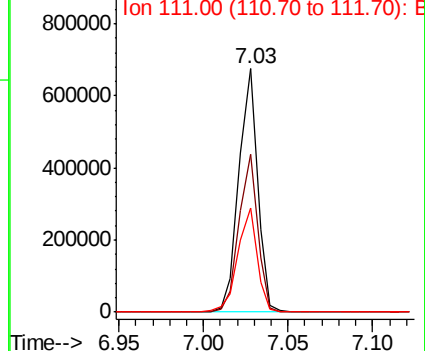
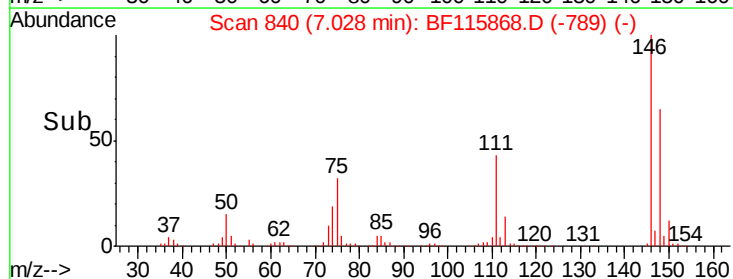
111 42.6 33.6 50.4

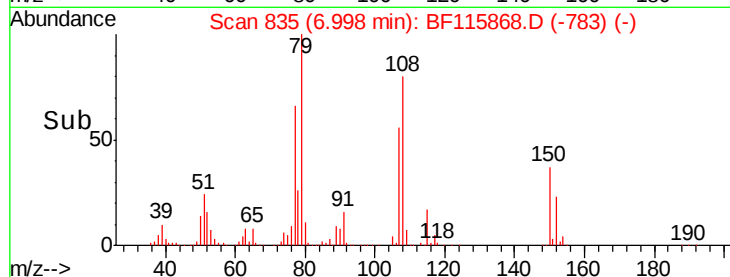
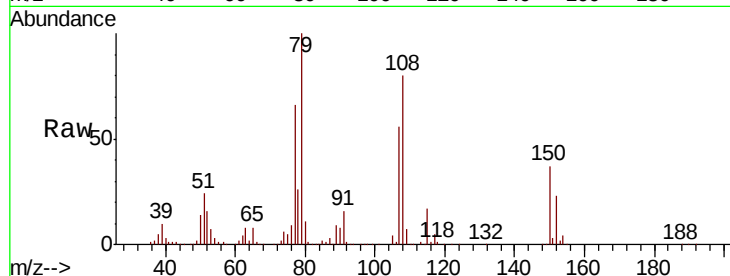
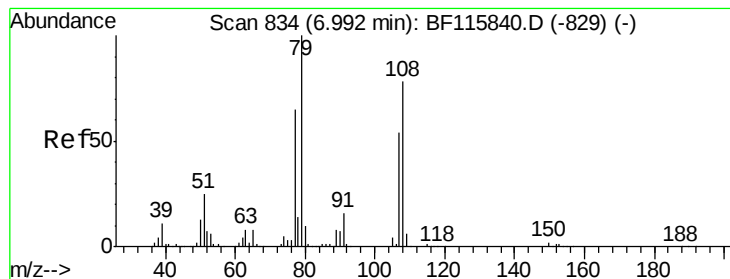


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.945 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

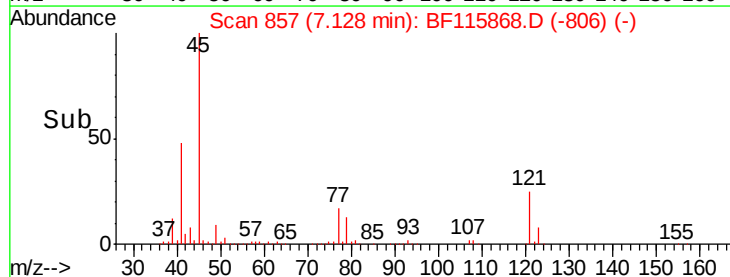
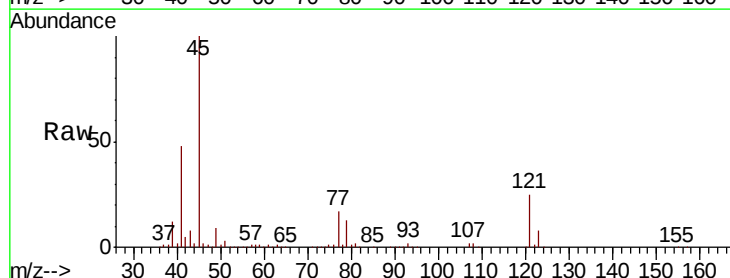
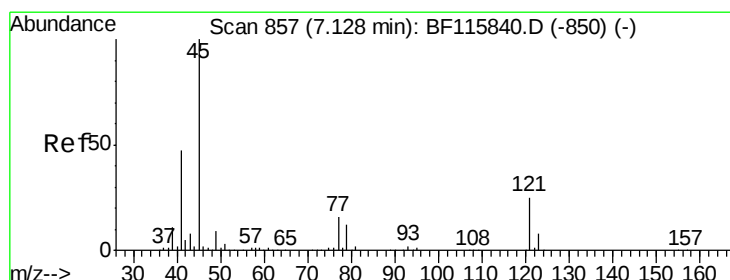
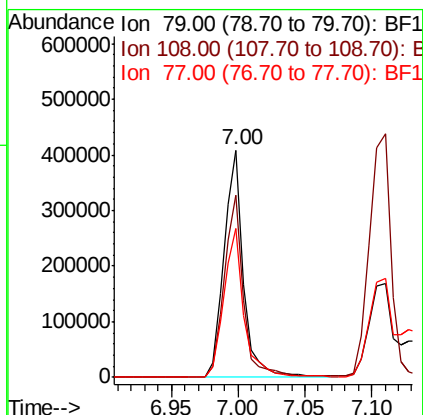
Tot Ion: 79 Resp: 422500

Ion Ratio Lower Upper

79 100

108 80.3 62.8 94.2

77 65.8 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.757 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

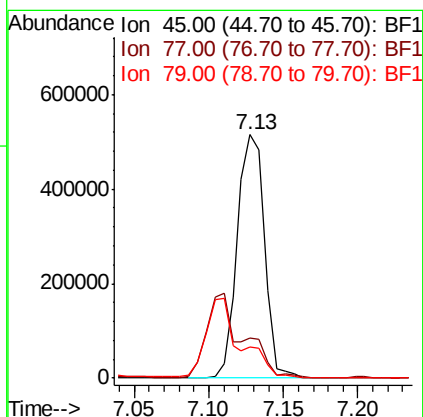
Tgt Ion: 45 Resp: 654364

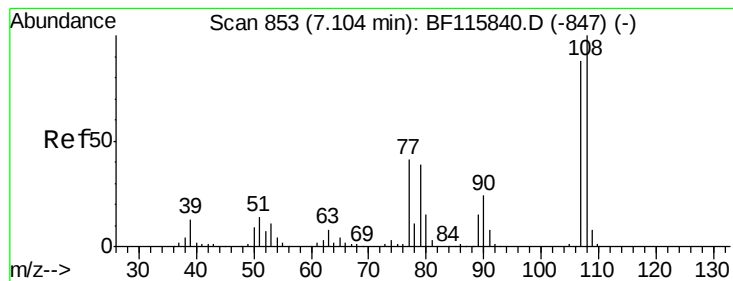
Ion Ratio Lower Upper

45 100

77 16.7 0.0 36.3

79 12.8 0.0 32.5

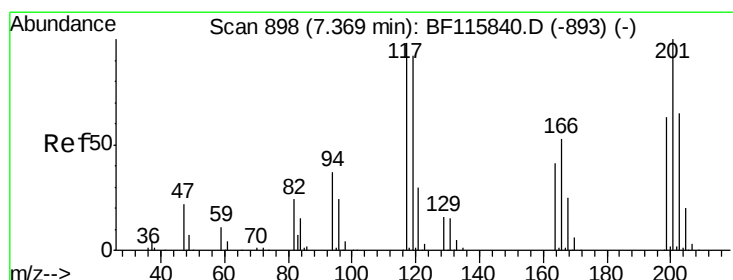
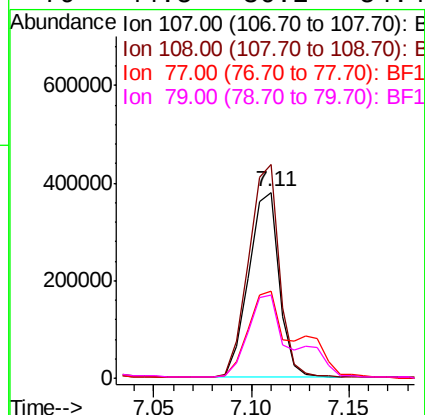
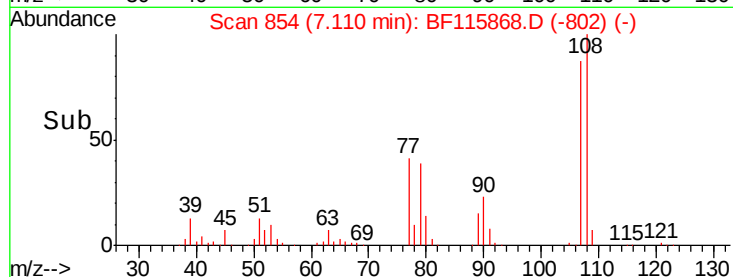
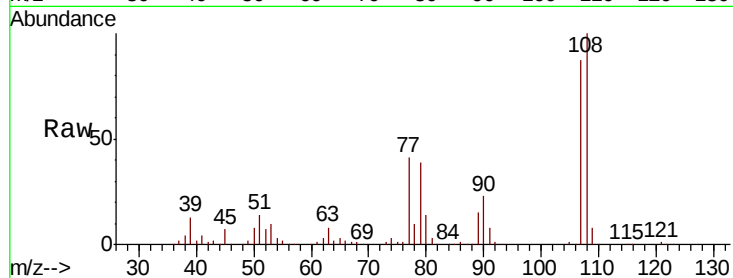




#17
2-Methylphenol
Concen: 40.144 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

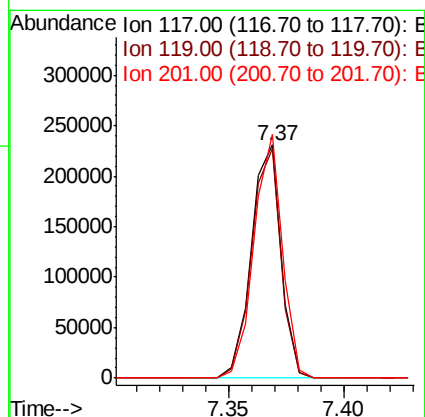
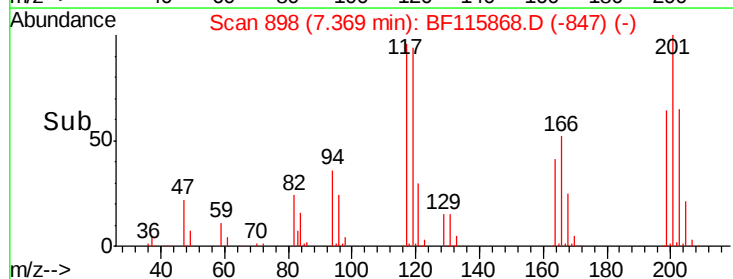
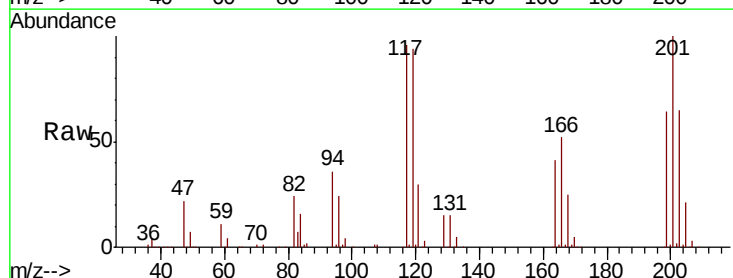
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:107 Resp: 415230
Ion Ratio Lower Upper
107 100
108 114.8 91.4 137.0
77 46.9 37.6 56.4
79 44.5 36.2 54.4



#18
Hexachloroethane
Concen: 39.932 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Tgt Ion:117 Resp: 207818
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.6
201 104.6 82.0 123.0

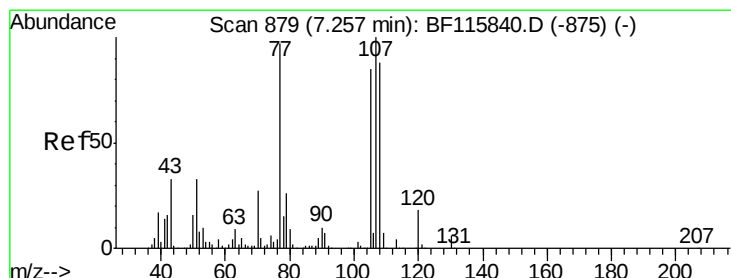
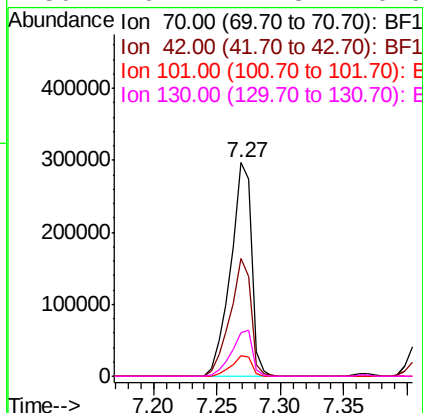
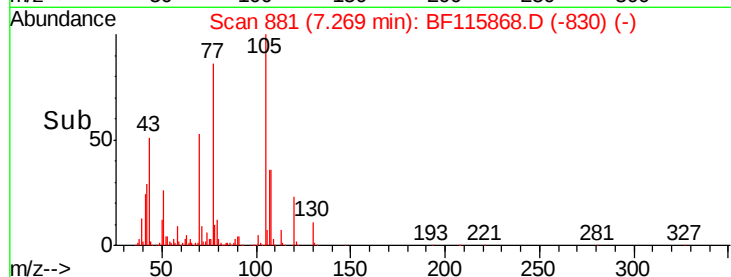
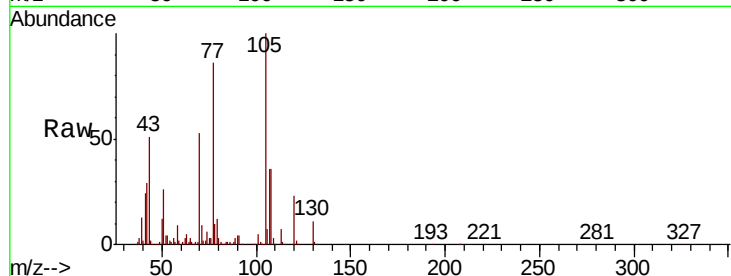




#19
n-Nitroso-di-n-propylamine
Concen: 39.064 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

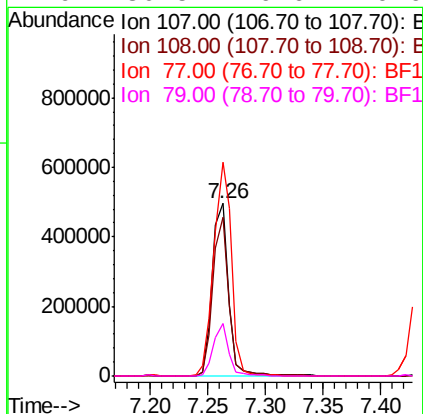
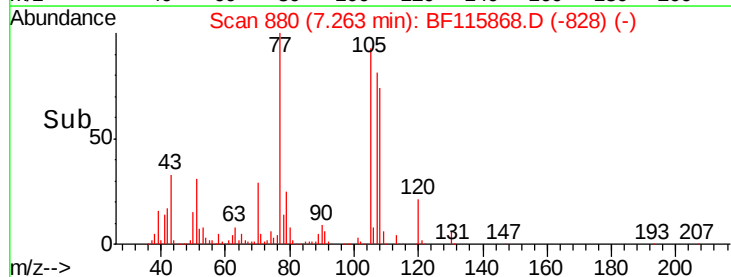
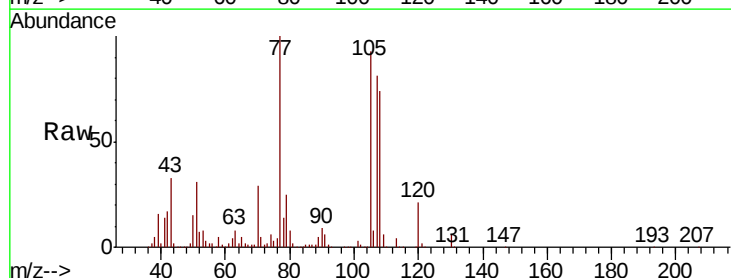
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 70 Resp: 337388
Ion Ratio Lower Upper
70 100
42 54.9 41.8 62.8
101 9.7 7.7 11.5
130 20.1 17.8 26.6



#20
3+4-Methylphenols
Concen: 39.499 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Tgt Ion:107 Resp: 483476
Ion Ratio Lower Upper
107 100
108 91.6 67.9 107.9
77 123.7 77.3 117.3#
79 30.5 6.6 46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 737313

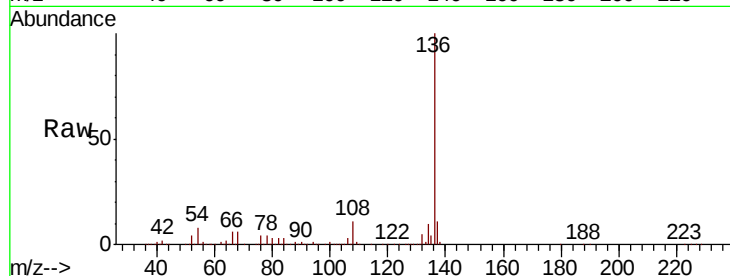
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 7.7 6.1 9.1

68 6.2 5.4 8.2

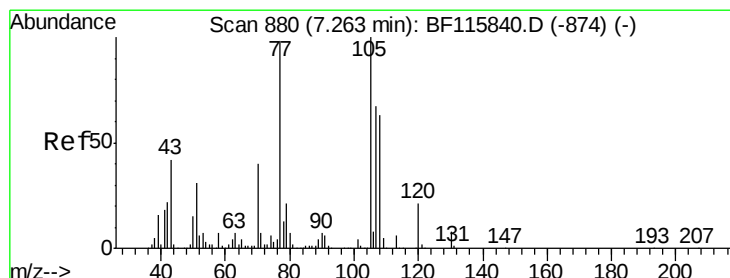
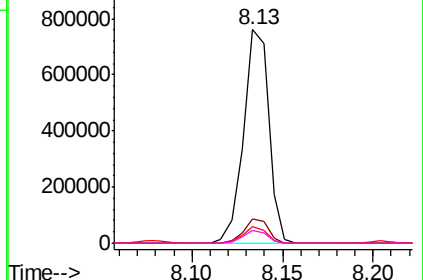
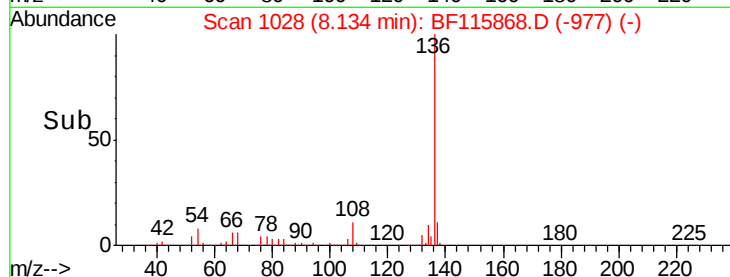


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.656 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Tgt Ion:105 Resp: 641255

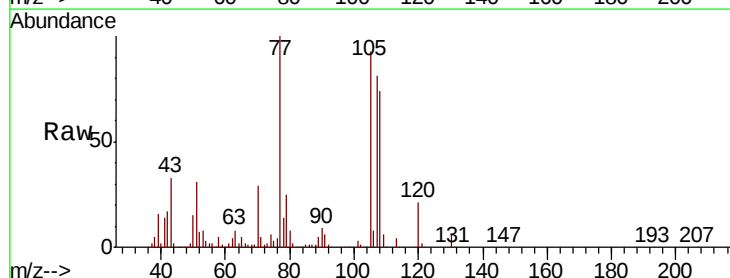
Ion Ratio Lower Upper

105 100

71 5.2 5.4 8.0#

51 33.7 24.6 36.8

120 22.1 17.0 25.6

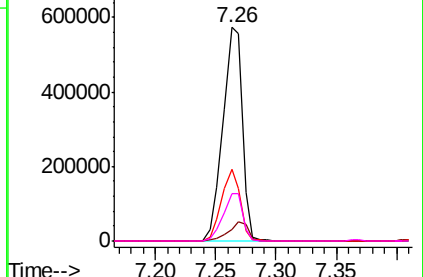
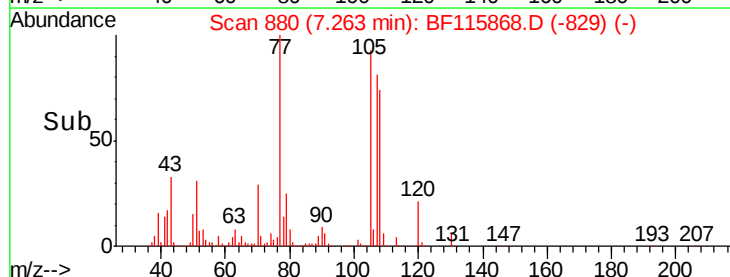


Abundance Ion 105.00 (104.70 to 105.70): E

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

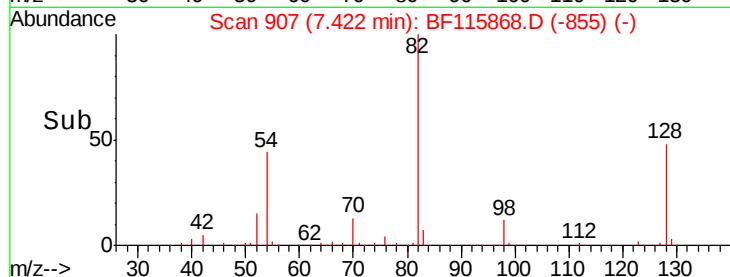
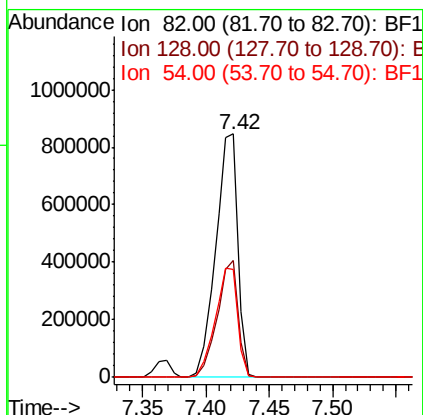
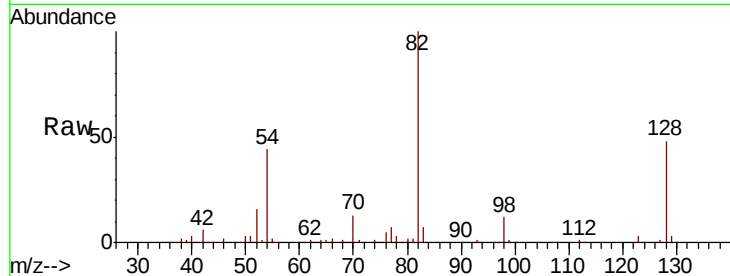




#23
 Nitrobenzene-d5
 Concen: 80.711 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF115868.D
 Acq: 31 Jul 2019 16:15

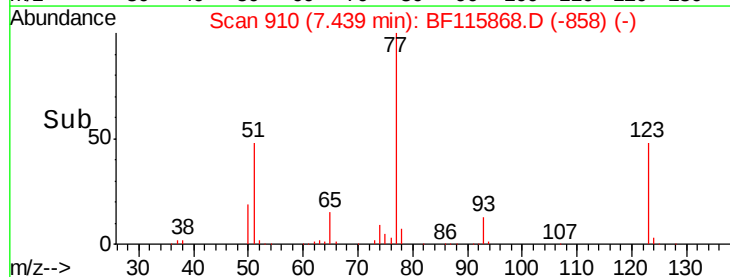
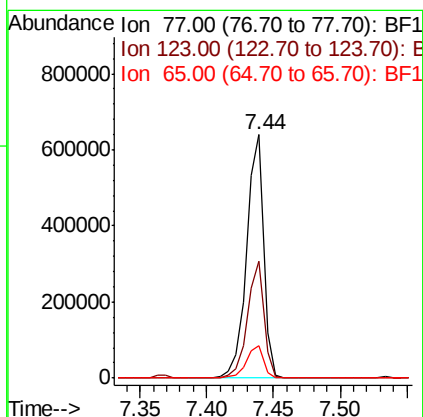
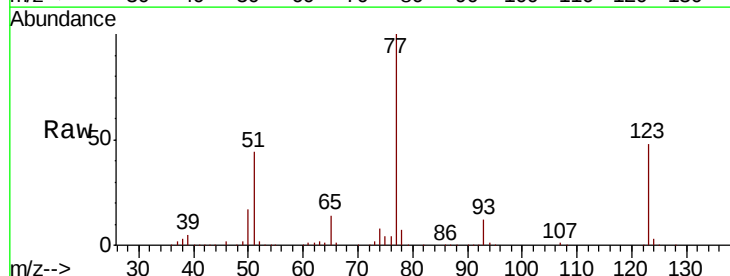
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion: 82 Resp: 1030940
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.6 55.0
 54 44.5 36.6 55.0



#24
 Nitrobenzene
 Concen: 40.481 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF115868.D
 Acq: 31 Jul 2019 16:15

Tgt Ion: 77 Resp: 558315
 Ion Ratio Lower Upper
 77 100
 123 48.1 35.5 53.3
 65 13.6 10.6 15.8





#25

Isophorone

Concen: 39.800 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

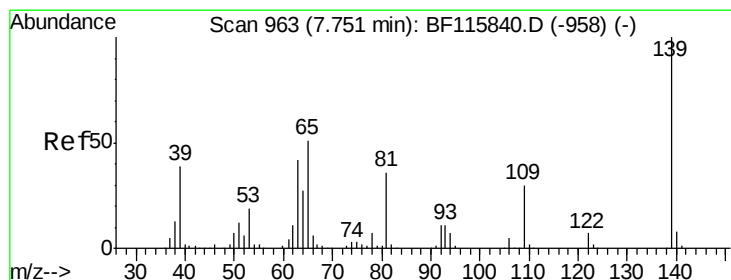
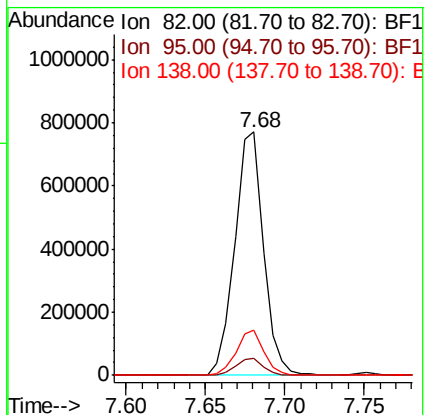
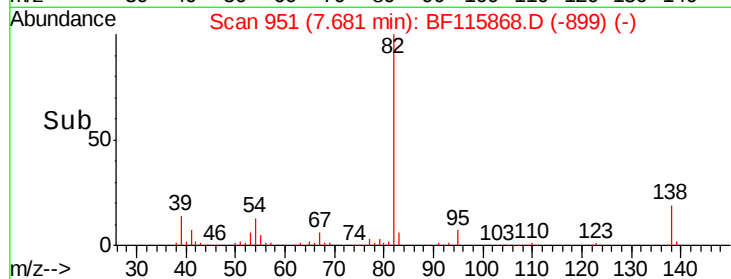
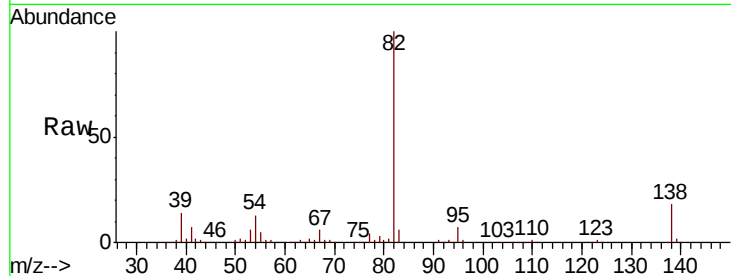
Tot Ion: 82 Resp: 972093

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 18.3 13.9 20.9



#26

2-Nitrophenol

Concen: 41.130 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

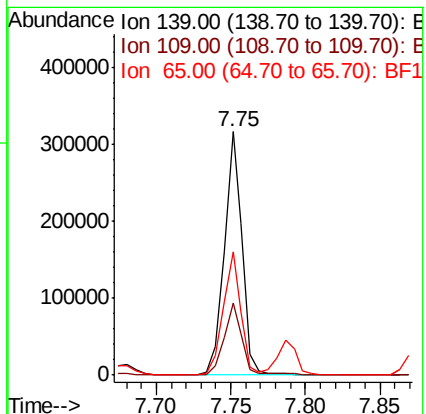
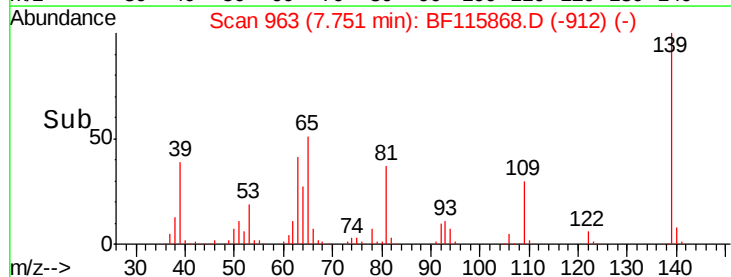
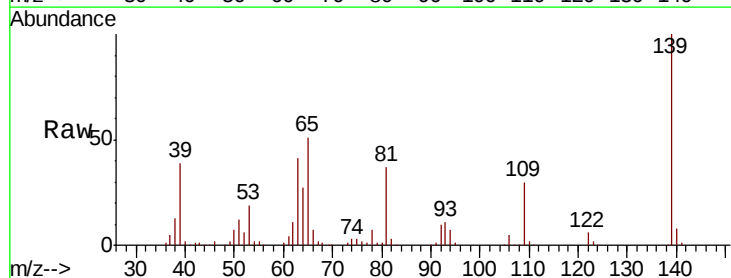
Tgt Ion: 139 Resp: 267400

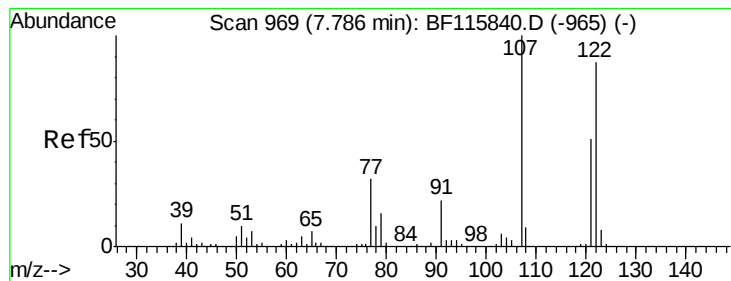
Ion Ratio Lower Upper

139 100

109 29.6 23.6 35.4

65 50.8 40.6 60.8





#27

2,4-Dimethylphenol

Concen: 40.524 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

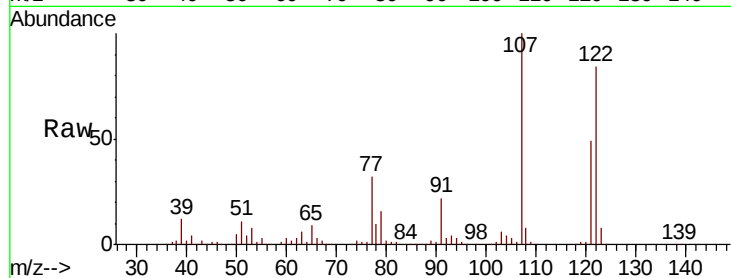
Tot Ion:122 Resp: 396379

Ion Ratio Lower Upper

122 100

107 119.2 91.7 137.5

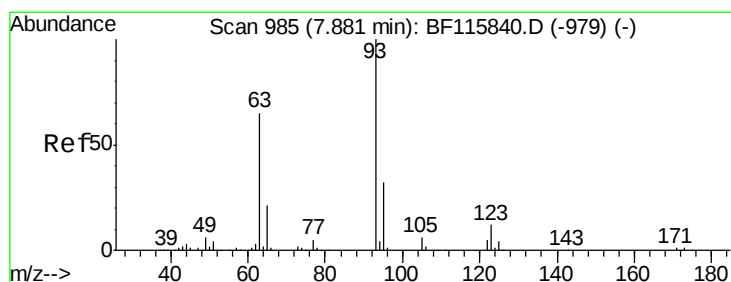
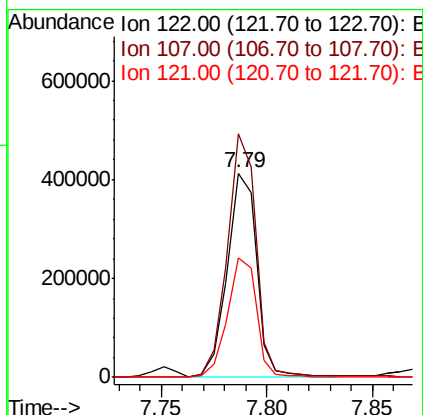
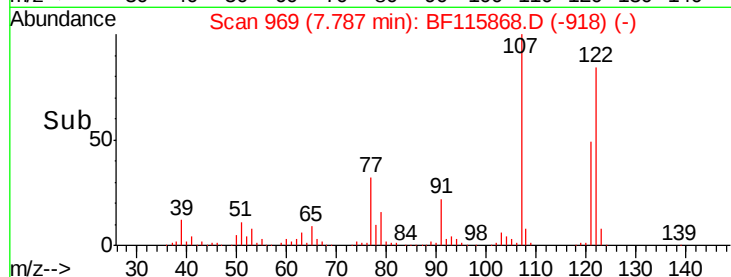
121 58.8 46.6 70.0



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: 39.918 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

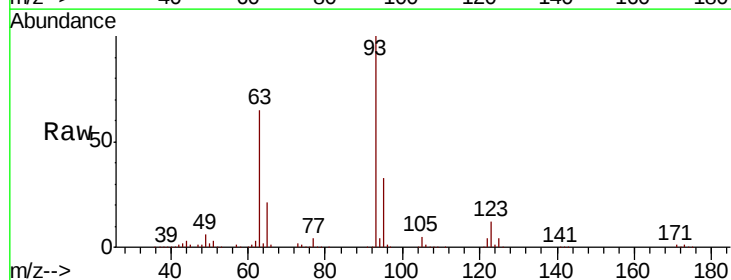
Tgt Ion: 93 Resp: 604305

Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

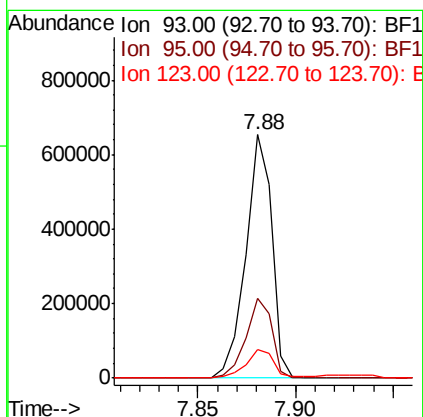
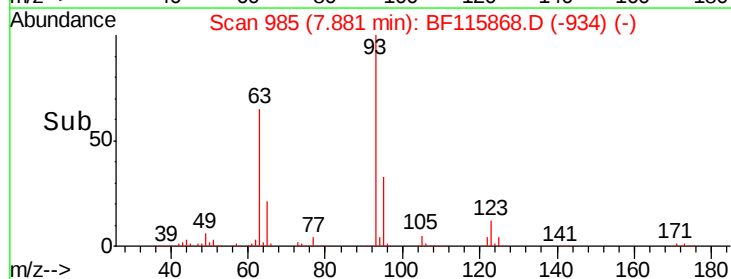
123 11.6 9.5 14.3



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

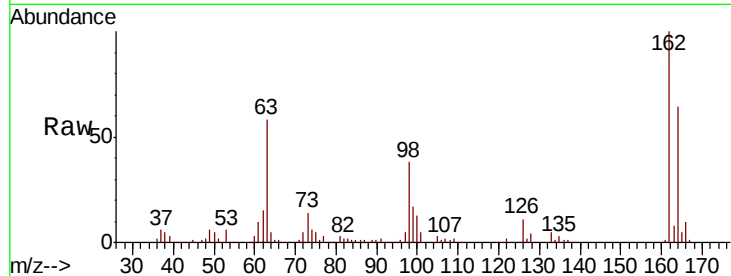




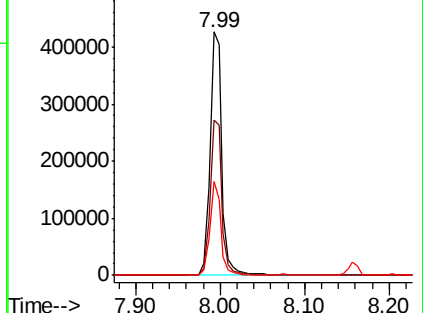
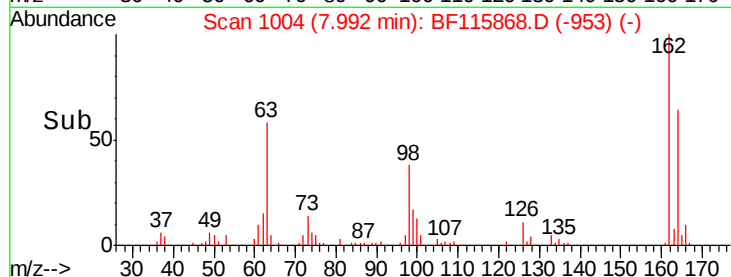
#29
 2,4-Dichlorophenol
 Concen: 40.610 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115868.D
 Acq: 31 Jul 2019 16:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:162 Resp: 419401
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.2 83.2
 98 38.5 17.3 57.3

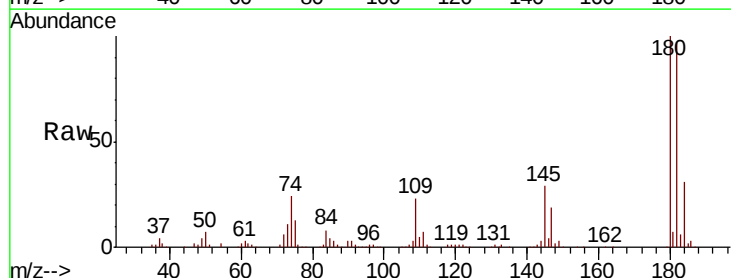


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

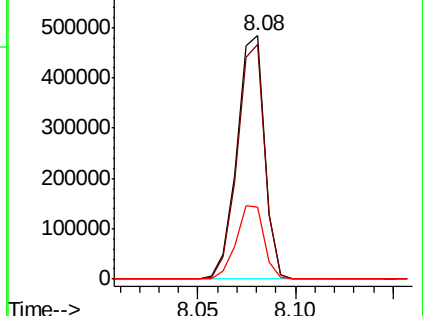
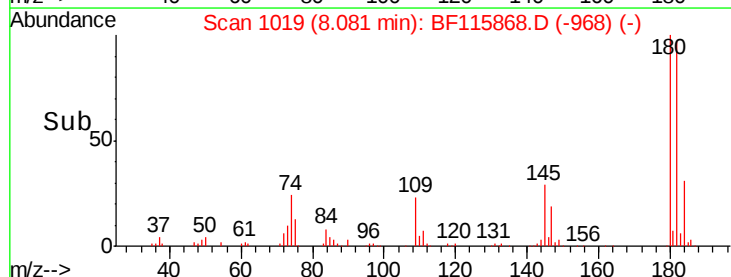


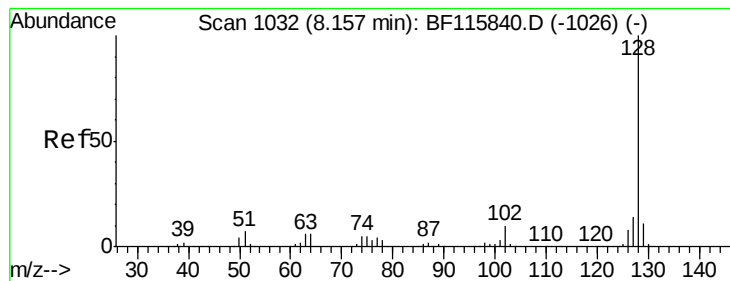
#30
 1,2,4-Trichlorobenzene
 Concen: 40.246 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF115868.D
 Acq: 31 Jul 2019 16:15

Tgt Ion:180 Resp: 473799
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.6 114.8
 145 29.5 23.2 34.8



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





#31

Naphthalene

Concen: 40.413 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

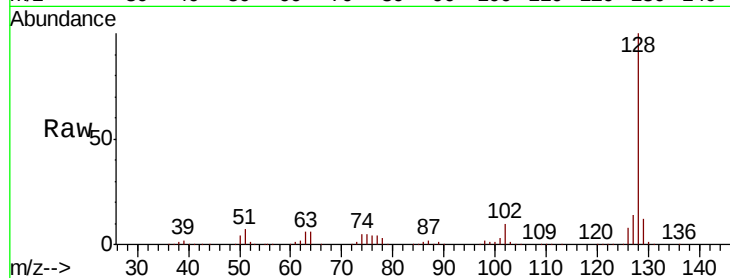
Tot Ion:128 Resp: 1402189

Ion Ratio Lower Upper

128 100

129 11.9 9.2 13.8

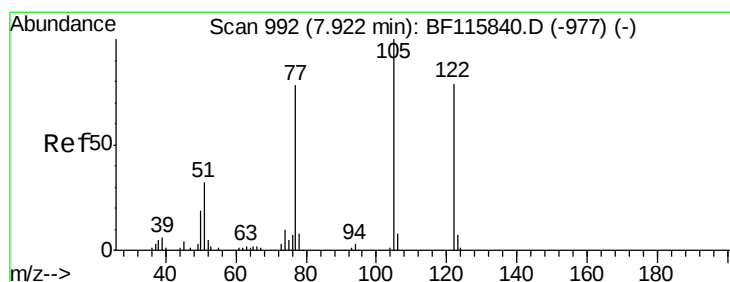
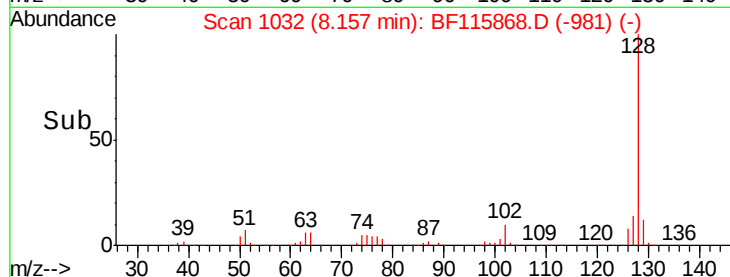
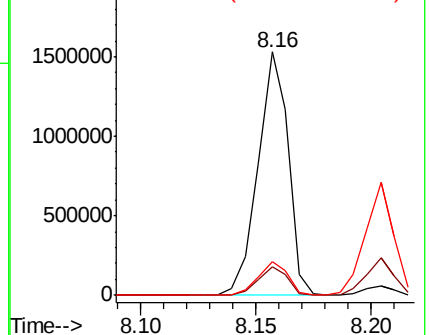
127 13.8 11.0 16.4



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: 37.103 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

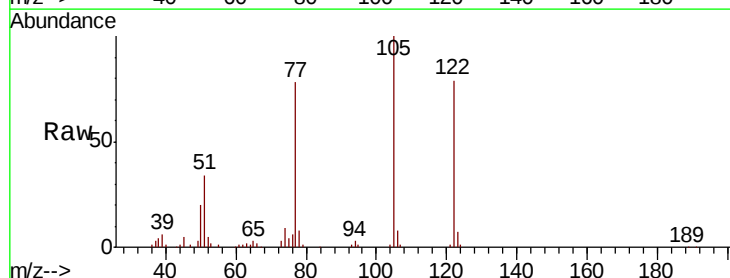
Tgt Ion:122 Resp: 255865

Ion Ratio Lower Upper

122 100

105 126.6 103.1 143.1

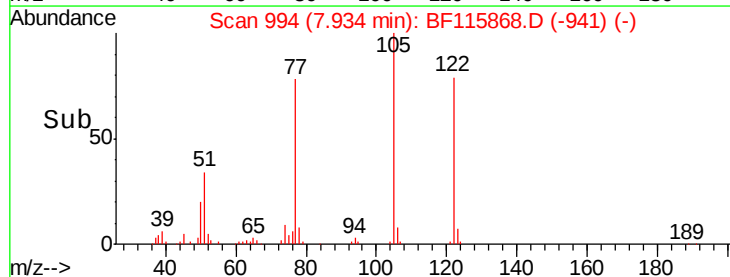
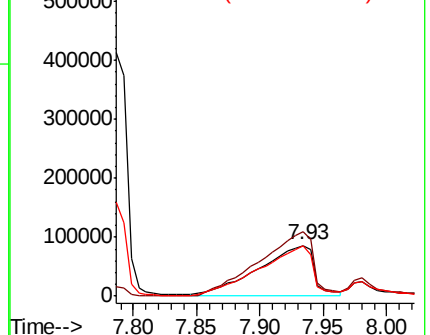
77 98.7 76.8 116.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

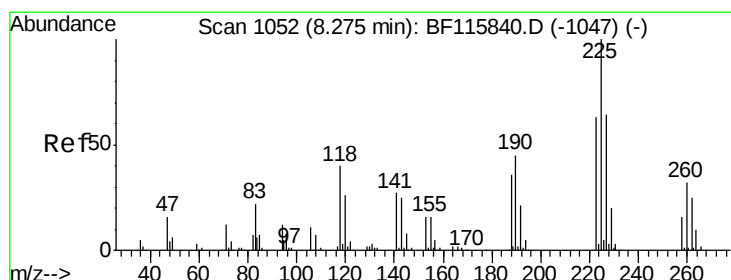
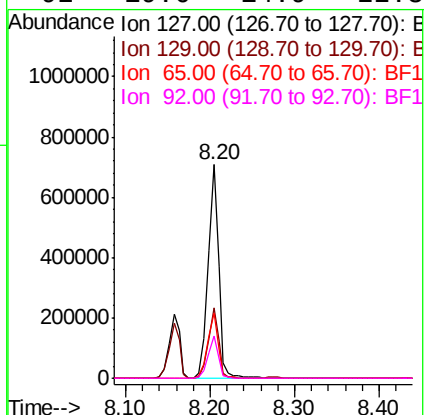
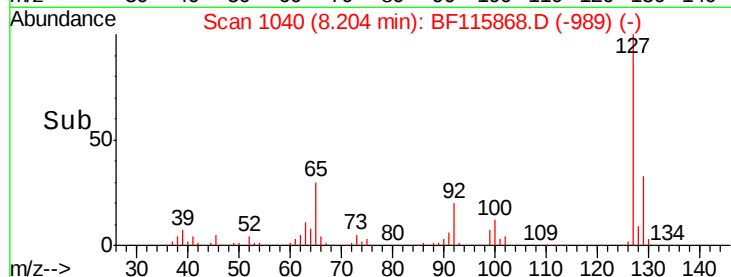
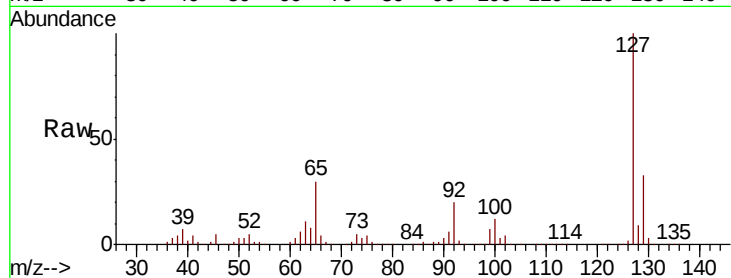




#33
4-Chloroaniline
Concen: 40.084 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

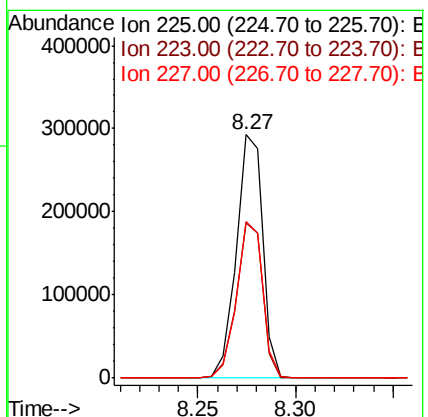
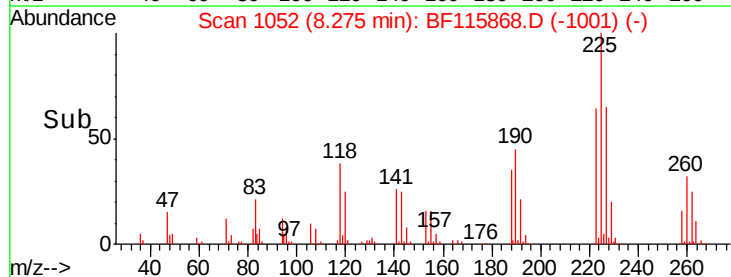
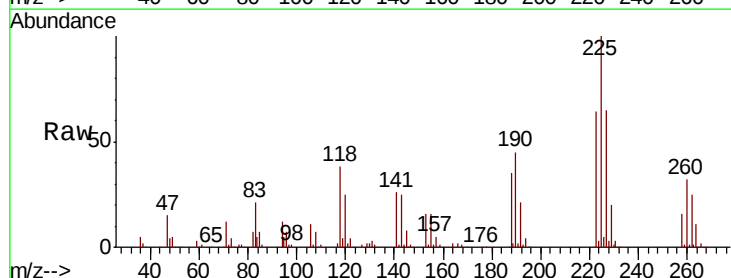
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

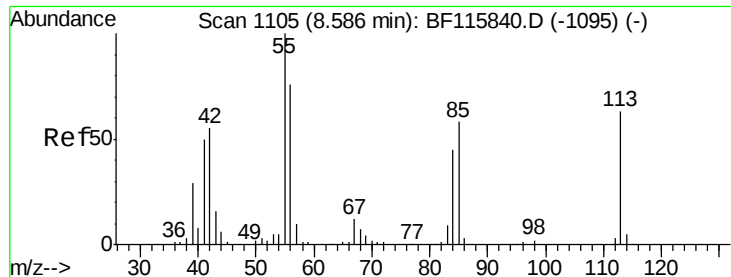
Tot Ion:127	Resp:	621407
Ion Ratio	Lower	Upper
127	100	
129	33.1	26.0 39.0
65	30.4	23.9 35.9
92	19.6	14.9 22.3



#34
Hexachlorobutadiene
Concen: 40.509 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Tgt Ion:225	Resp:	274688
Ion Ratio	Lower	Upper
225	100	
223	63.5	50.4 75.6
227	64.5	51.6 77.4

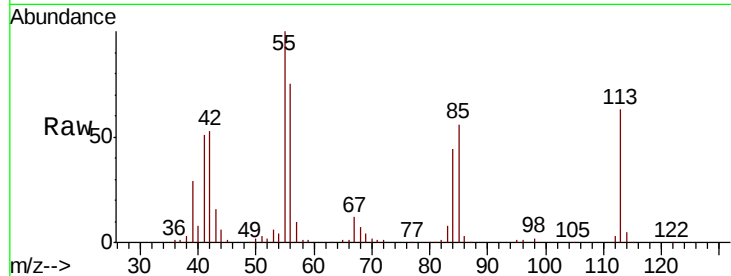




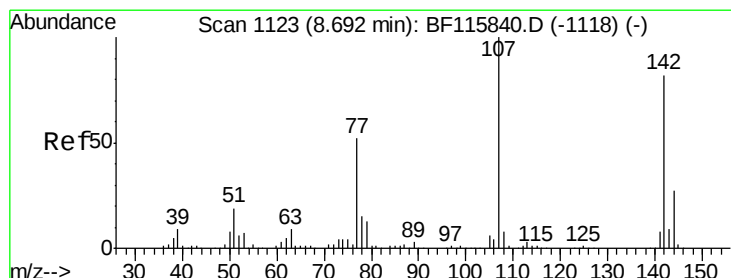
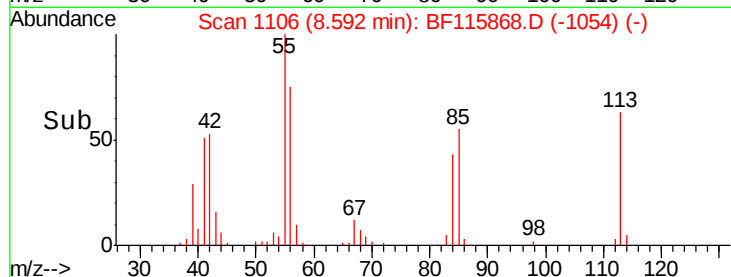
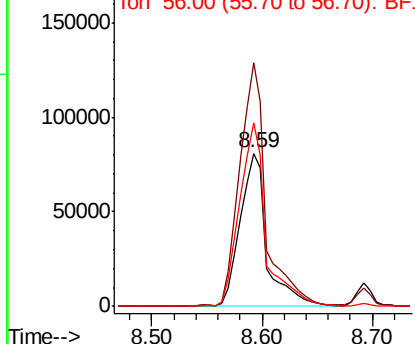
#35
Caprolactam
Concen: 40.942 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:113 Resp: 136754
Ion Ratio Lower Upper
113 100
55 159.3 138.1 178.1
56 119.7 100.6 140.6

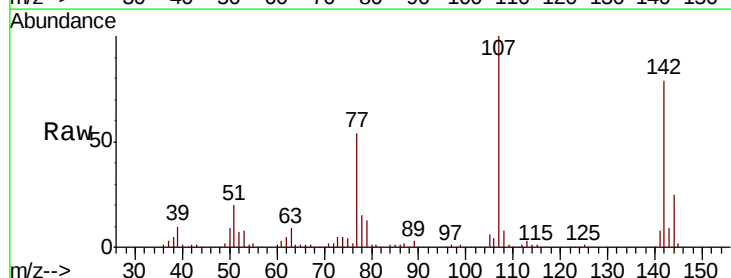


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

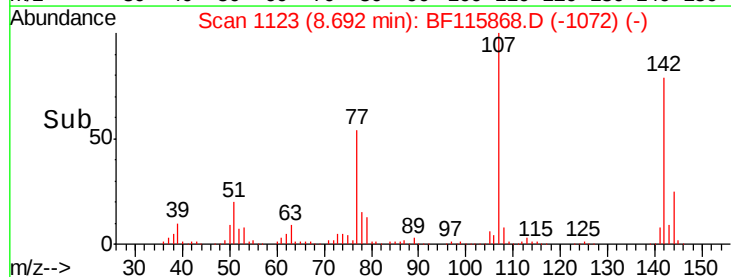
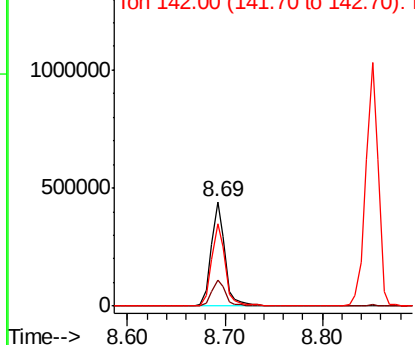


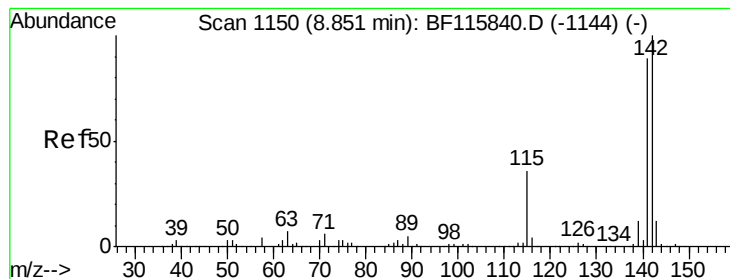
#36
4-Chloro-3-methylphenol
Concen: 40.045 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Tgt Ion:107 Resp: 430240
Ion Ratio Lower Upper
107 100
144 25.4 21.4 32.0
142 79.0 65.5 98.3



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: 39.963 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

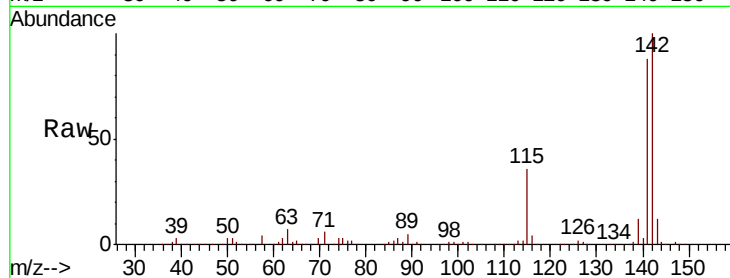
Tot Ion:142 Resp: 913168

Ion Ratio Lower Upper

142 100

141 87.9 71.4 107.2

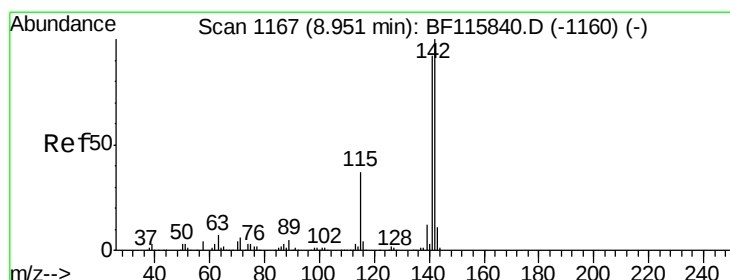
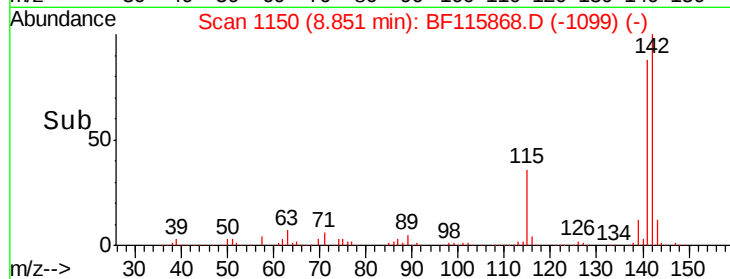
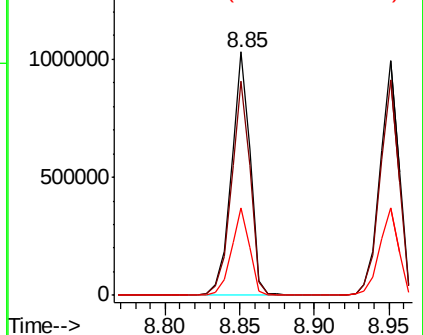
115 36.0 28.9 43.3



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: 39.662 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

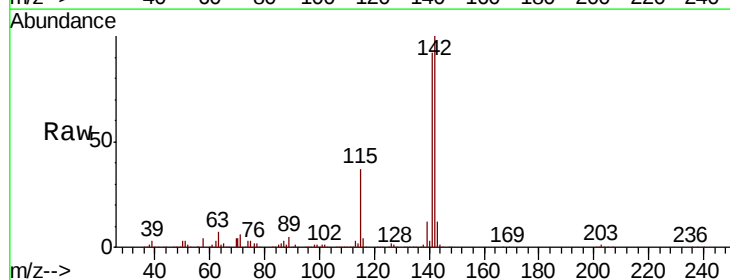
Tgt Ion:142 Resp: 857398

Ion Ratio Lower Upper

142 100

141 91.8 73.8 110.6

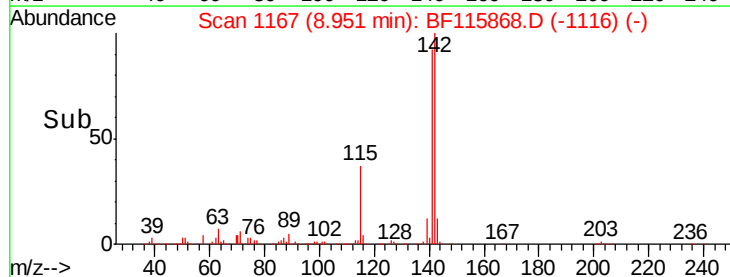
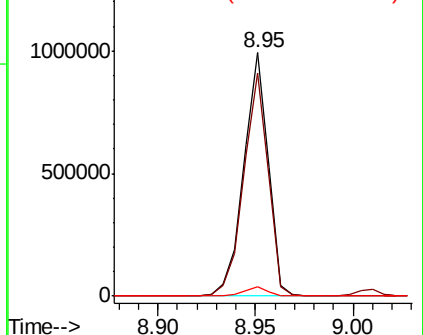
116 3.9 3.1 4.7

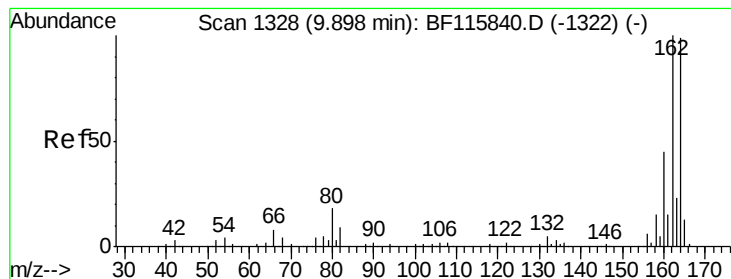


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

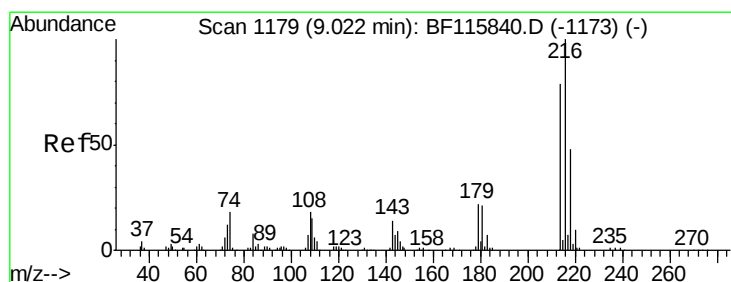
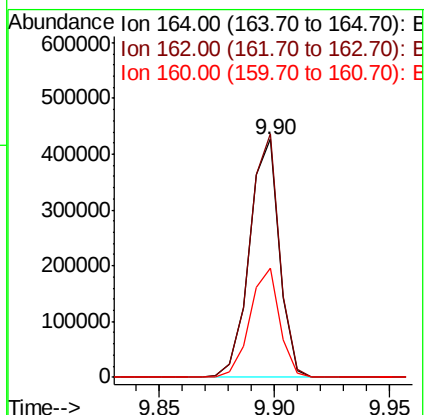
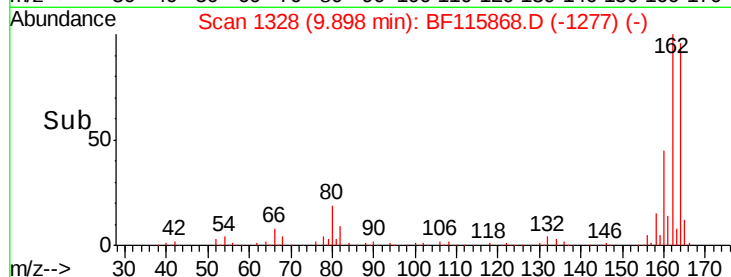
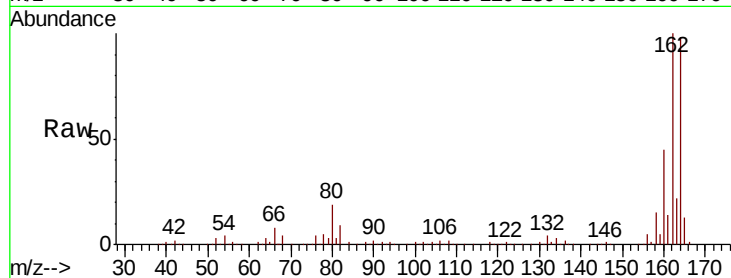
Tot Ion:164 Resp: 387249

Ion Ratio Lower Upper

164 100

162 102.3 80.8 121.2

160 46.1 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.272 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Tgt Ion:216 Resp: 416925

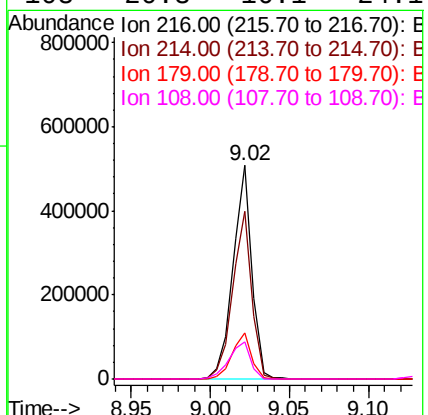
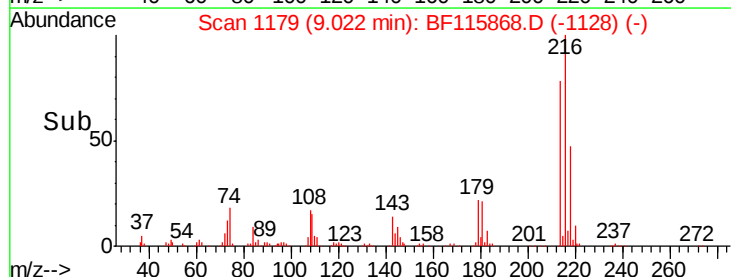
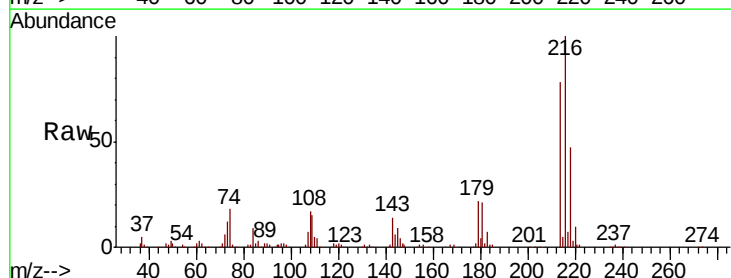
Ion Ratio Lower Upper

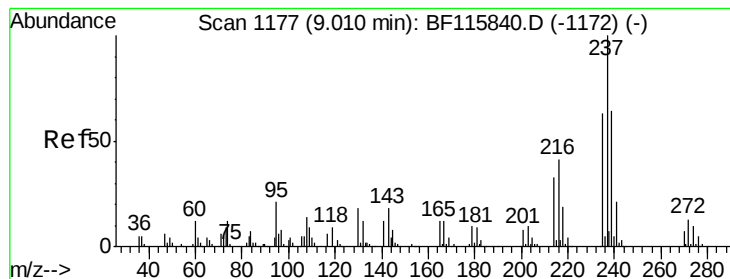
216 100

214 79.8 62.8 94.2

179 22.0 17.6 26.4

108 20.3 16.1 24.1





#41

Hexachlorocyclopentadiene

Concen: 40.113 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

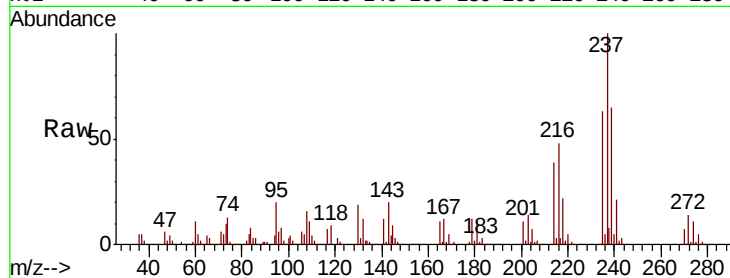
Tot Ion:237 Resp: 171609

Ion Ratio Lower Upper

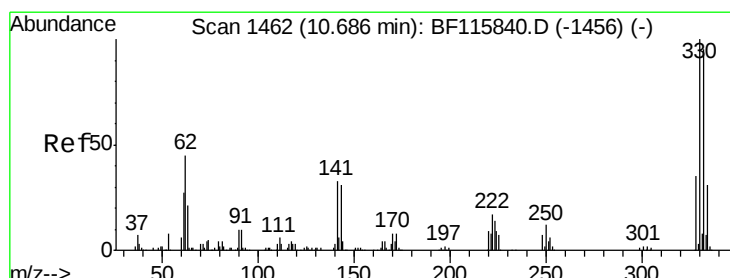
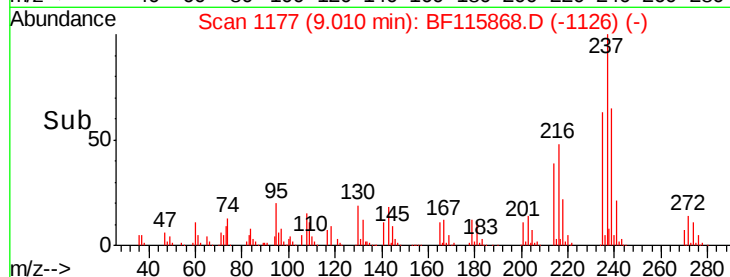
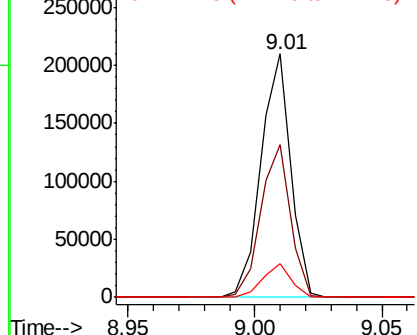
237 100

235 62.6 42.5 82.5

272 13.9 0.0 33.3



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: 78.096 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

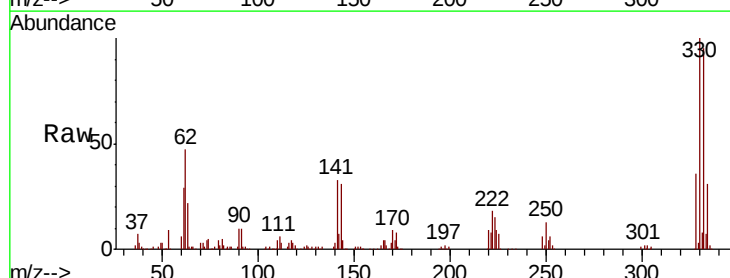
Tgt Ion:330 Resp: 293210

Ion Ratio Lower Upper

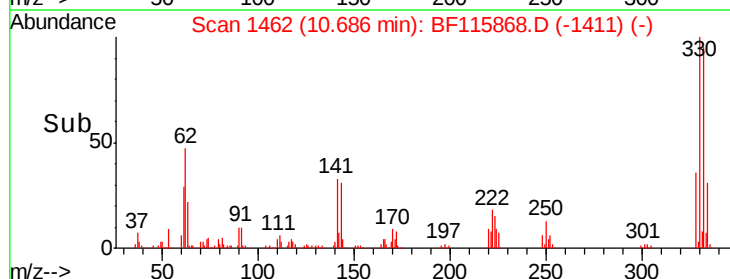
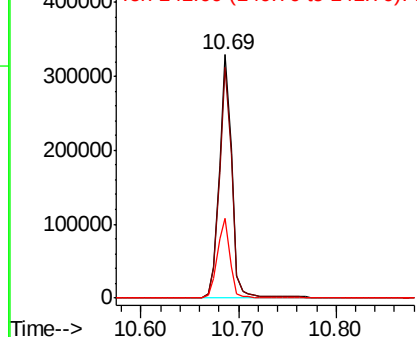
330 100

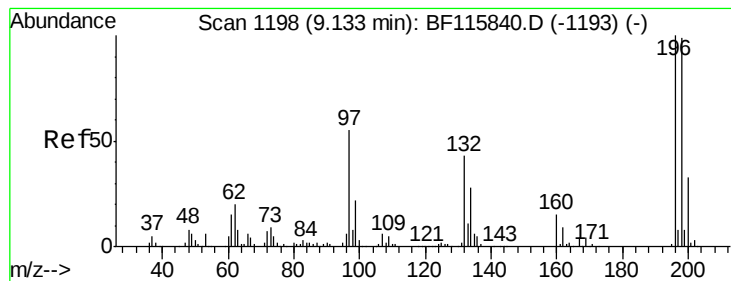
332 96.1 77.7 116.5

141 33.5 28.1 42.1



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





#43

2,4,6-Trichlorophenol

Concen: 40.197 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

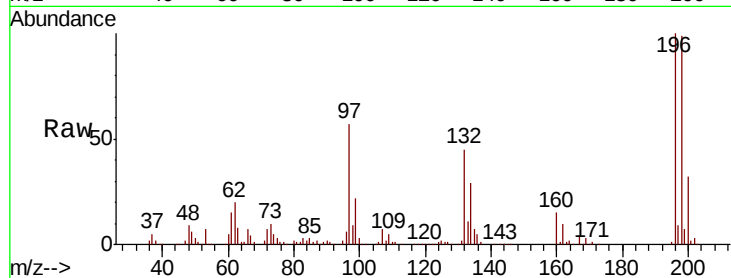
Tot Ion:196 Resp: 286442

Ion Ratio Lower Upper

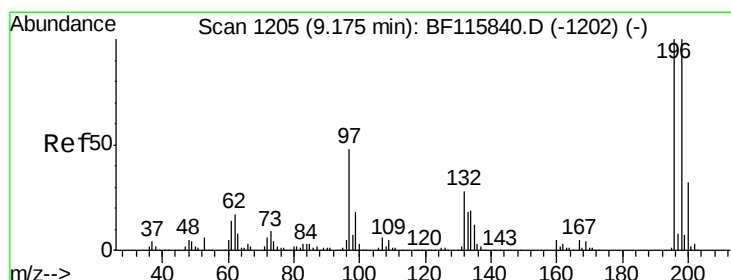
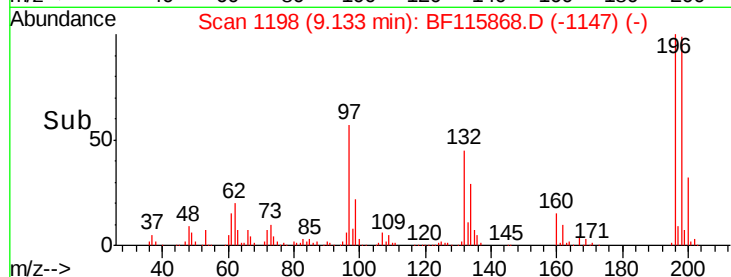
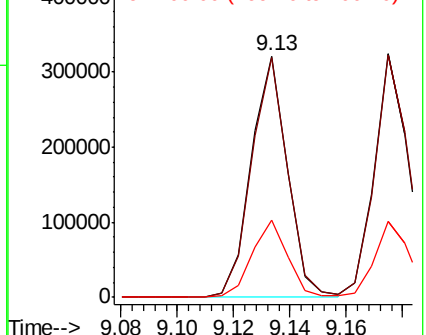
196 100

198 99.1 79.1 118.7

200 32.2 26.0 39.0



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: 39.711 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Tgt Ion:196 Resp: 292511

Ion Ratio Lower Upper

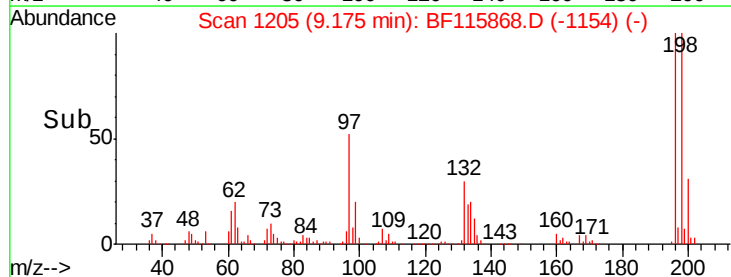
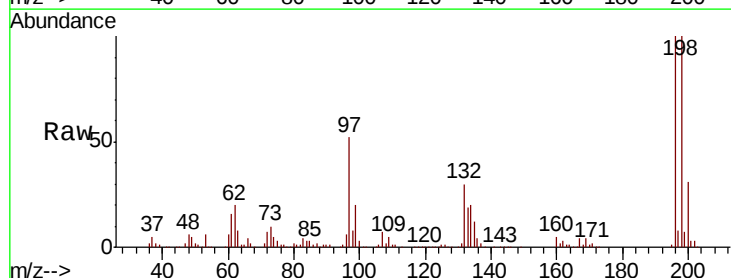
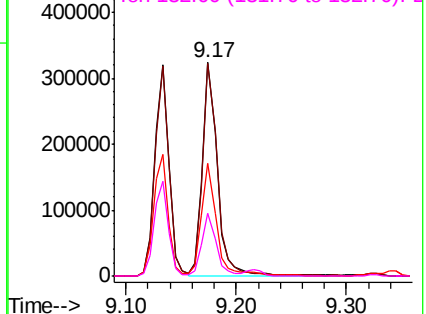
196 100

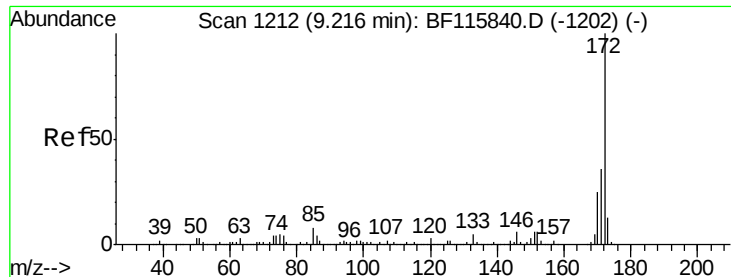
198 99.8 80.1 120.1

97 52.5 38.9 58.3

132 29.6 22.6 33.8

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

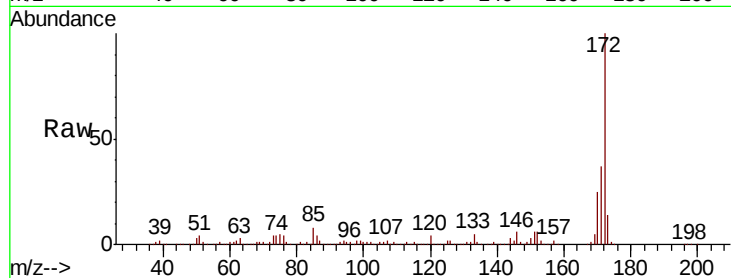




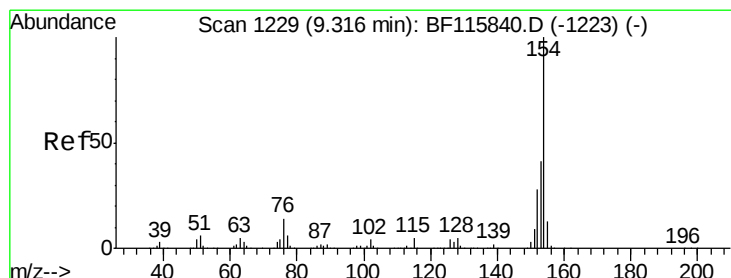
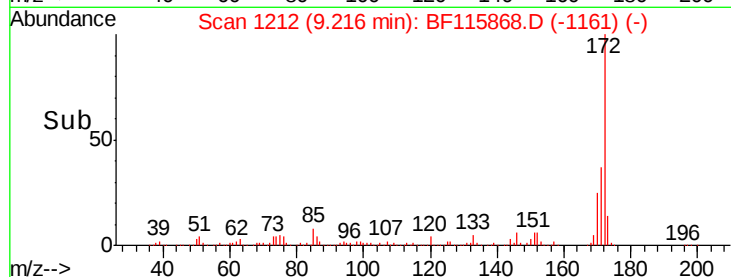
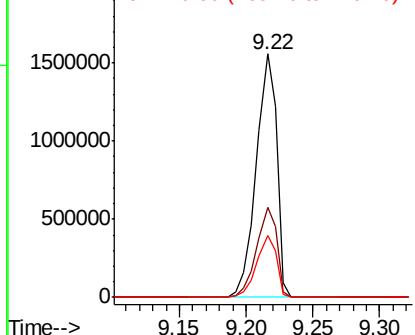
#45
2-Fluorobiphenyl
Concen: 78.725 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:172 Resp: 1627611
Ion Ratio Lower Upper
172 100
171 36.8 29.1 43.7
170 25.4 20.1 30.1

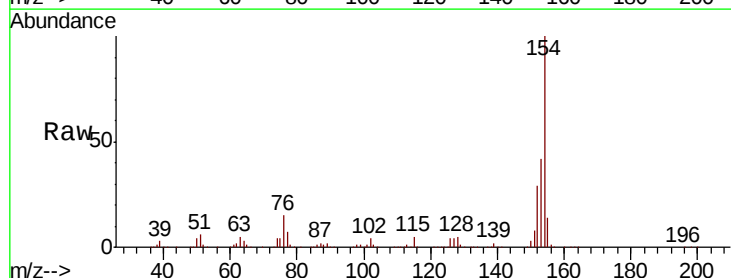


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

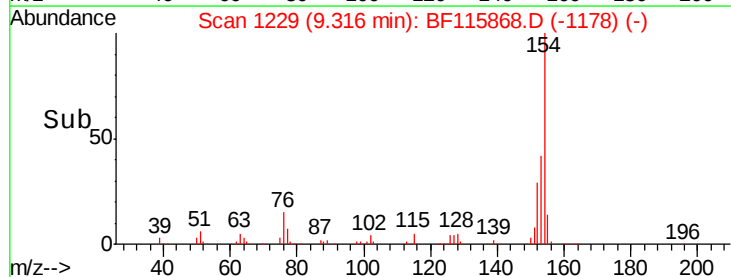
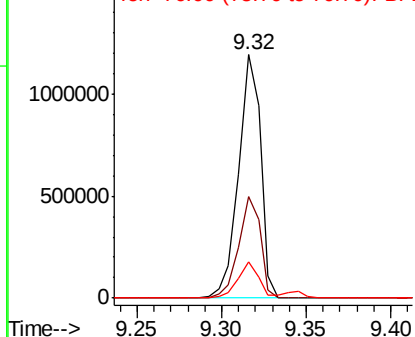


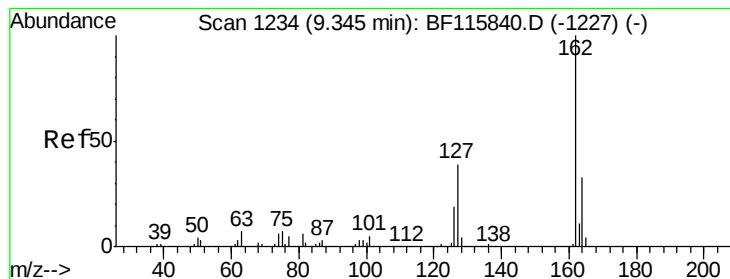
#46
1,1'-Biphenyl
Concen: 39.641 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Tgt Ion:154 Resp: 1083766
Ion Ratio Lower Upper
154 100
153 41.6 20.9 60.9
76 14.8 0.0 34.3



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: 40.060 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

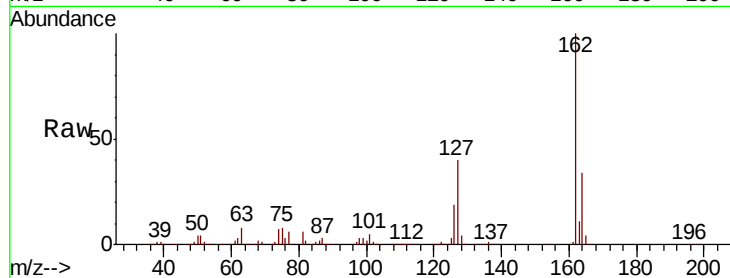
Tot Ion:162 Resp: 911558

Ion Ratio Lower Upper

162 100

127 39.8 31.3 46.9

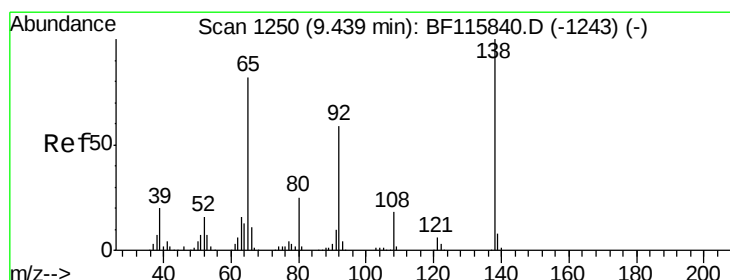
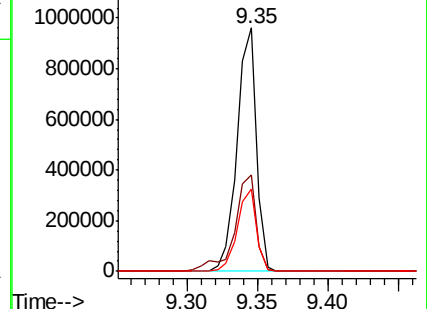
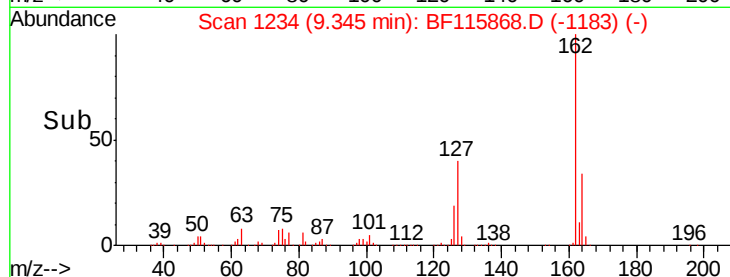
164 33.8 26.6 40.0



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: 40.322 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

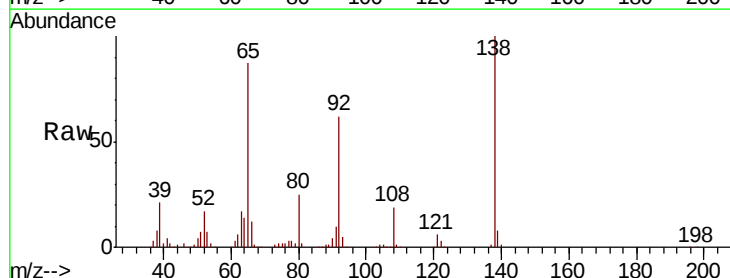
Tgt Ion: 65 Resp: 303273

Ion Ratio Lower Upper

65 100

92 70.8 57.1 85.7

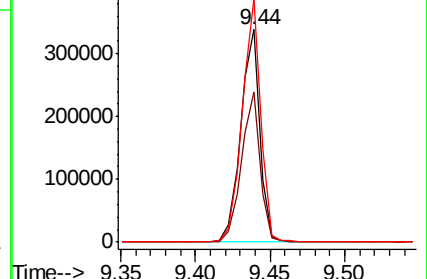
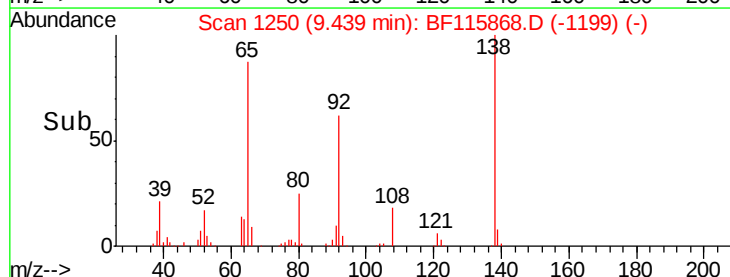
138 114.7 97.1 145.7

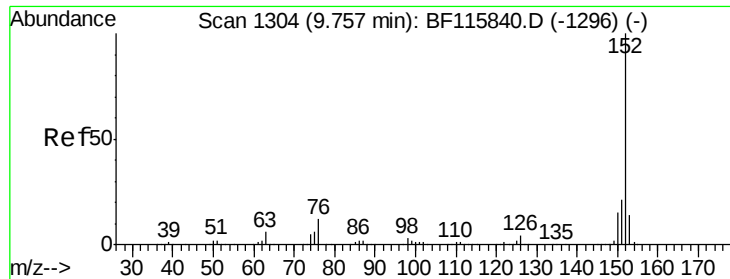


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.982 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

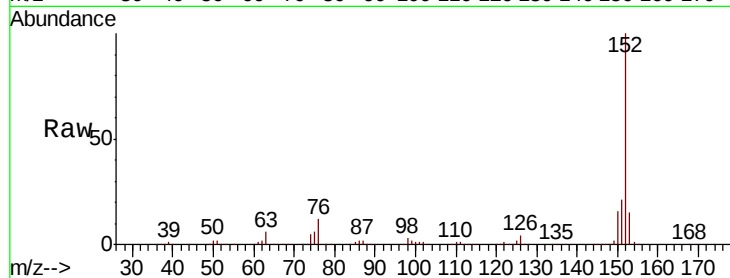
Tot Ion:152 Resp: 1327292

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

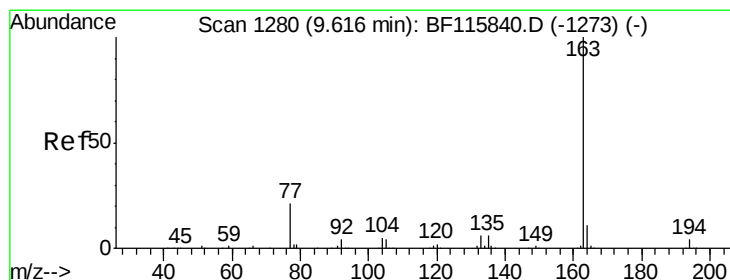
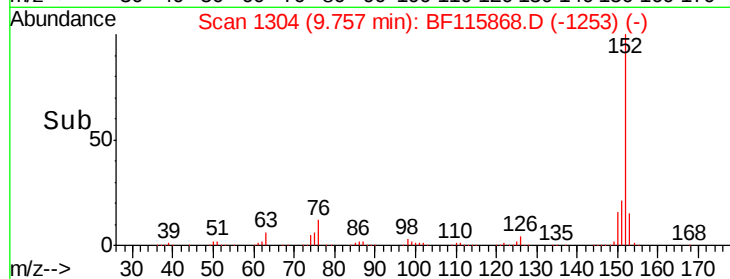
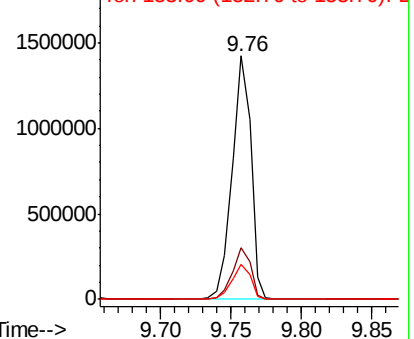
153 14.6 11.6 17.4



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: 38.839 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

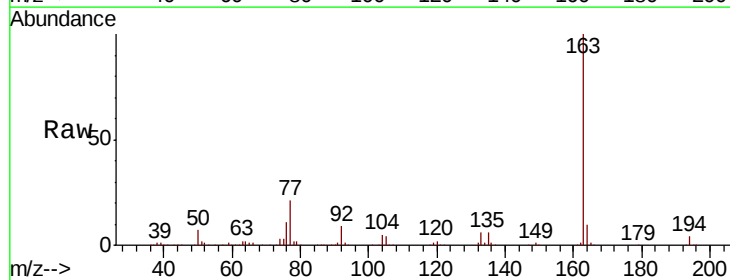
Tgt Ion:163 Resp: 1024088

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

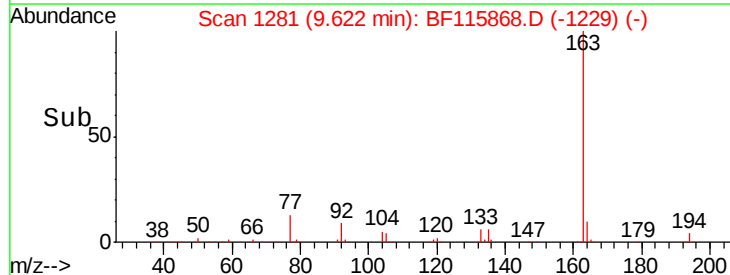
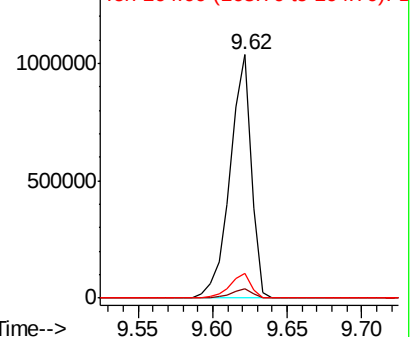
164 10.2 8.4 12.6

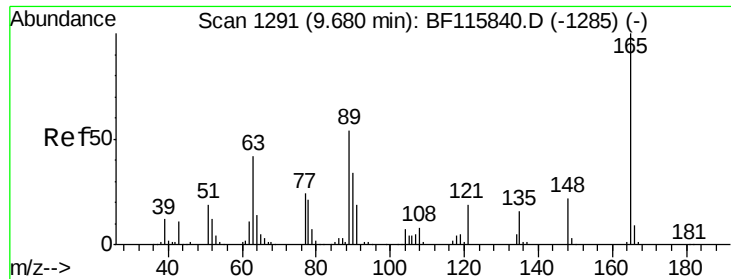


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.714 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

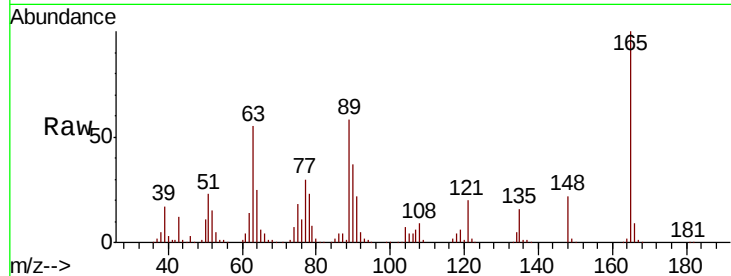
Tot Ion:165 Resp: 227567

Ion Ratio Lower Upper

165 100

63 54.5 39.4 59.2

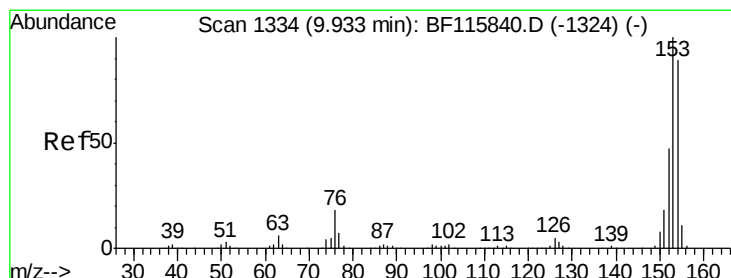
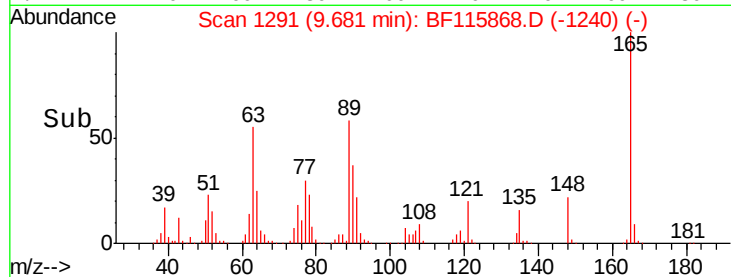
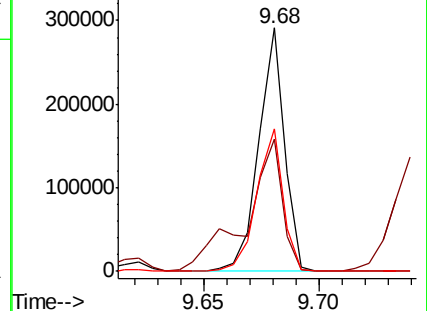
89 58.5 43.0 64.6



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: 39.844 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

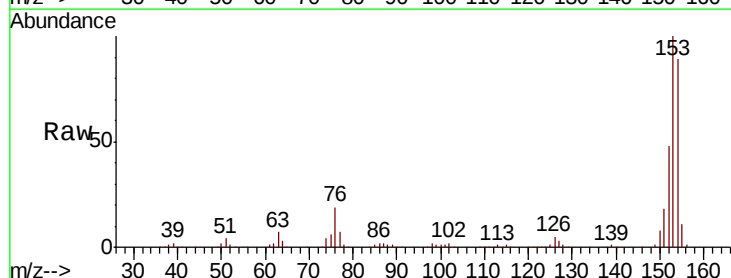
Tgt Ion:154 Resp: 811453

Ion Ratio Lower Upper

154 100

153 111.9 90.1 135.1

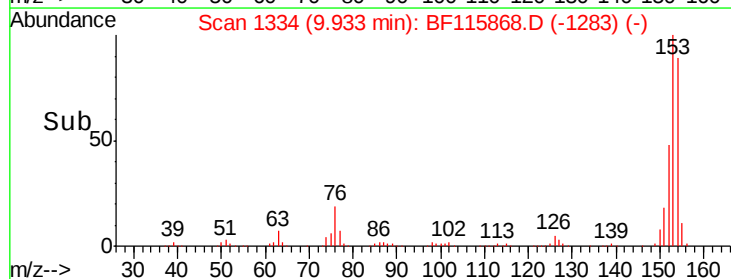
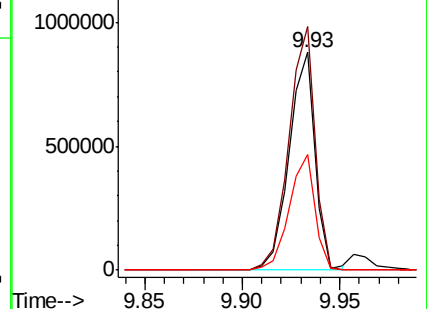
152 53.4 42.6 63.8

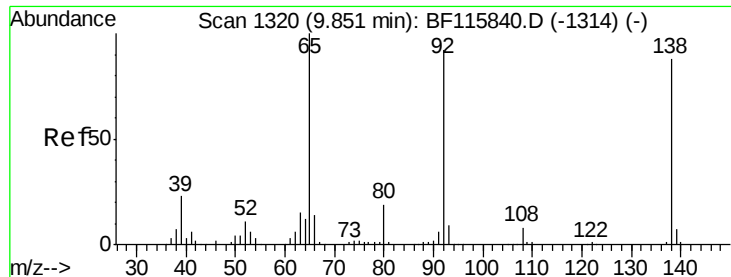


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

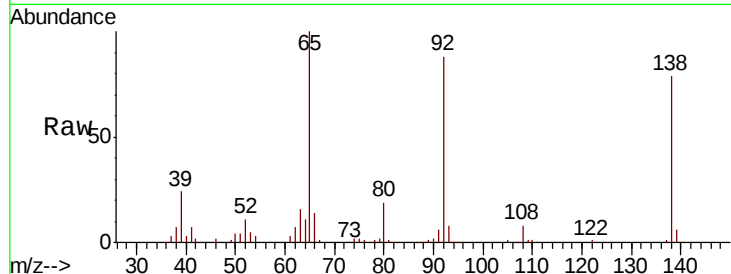




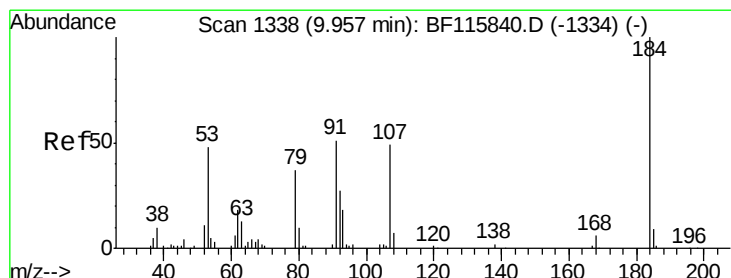
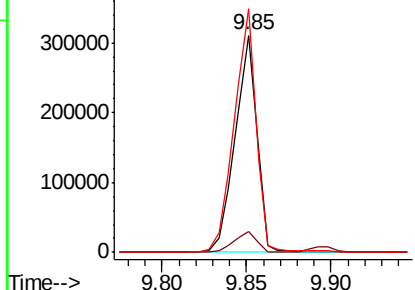
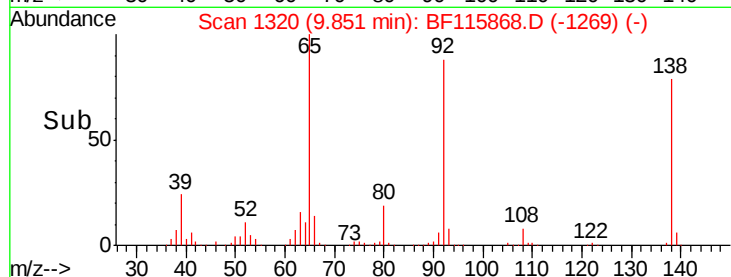
#53
 3-Nitroaniline
 Concen: 39.292 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF115868.D
 Acq: 31 Jul 2019 16:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:138 Resp: 278194
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.4 11.2
 92 112.3 83.9 125.9

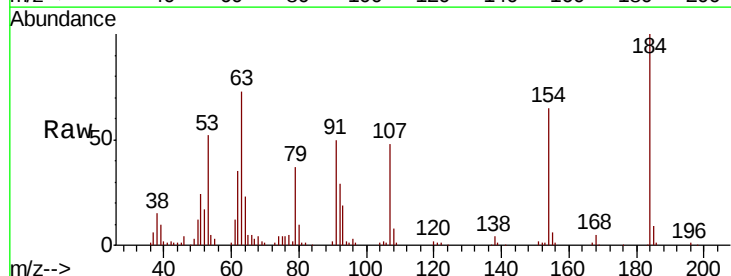


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

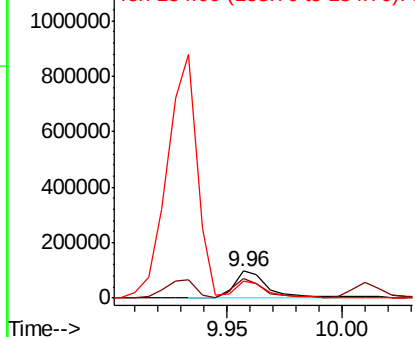
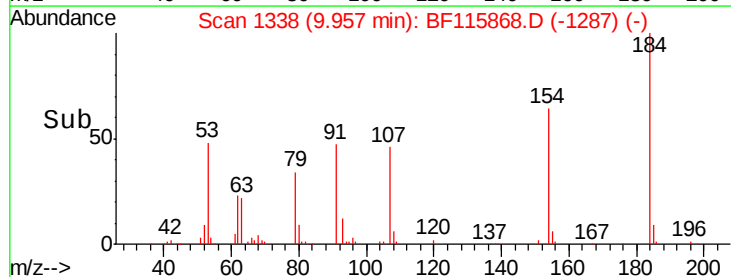


#54
 2,4-Dinitrophenol
 Concen: 38.157 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF115868.D
 Acq: 31 Jul 2019 16:15

Tgt Ion:184 Resp: 98007
 Ion Ratio Lower Upper
 184 100
 63 73.4 56.7 85.1
 154 64.7 51.9 77.9



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

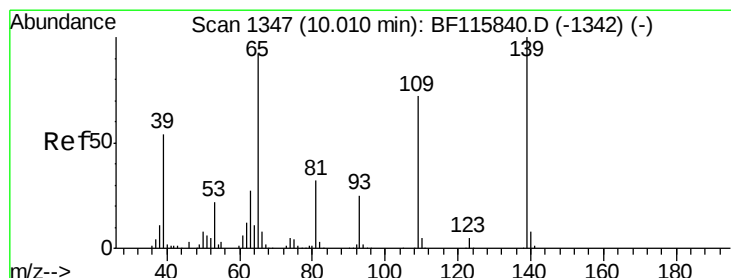
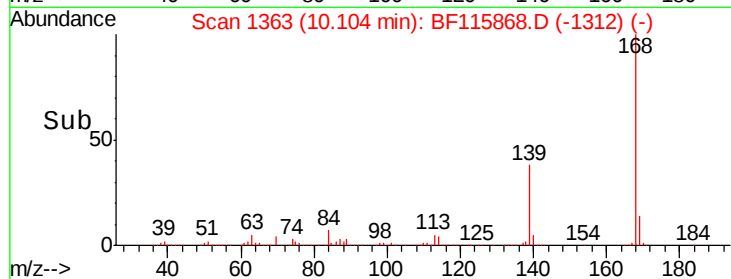
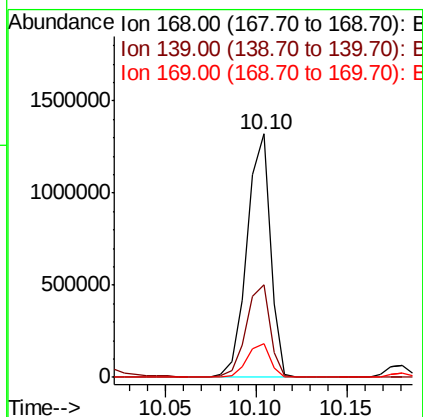
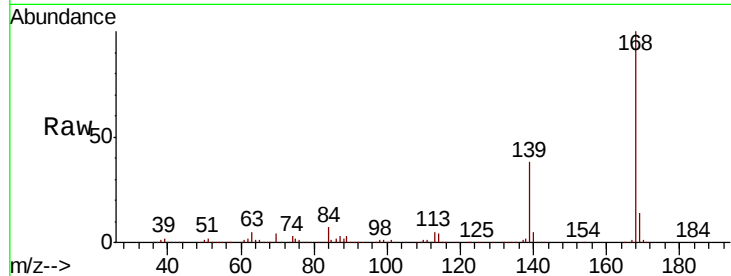




#55
Dibenzenofuran
Concen: 39.987 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

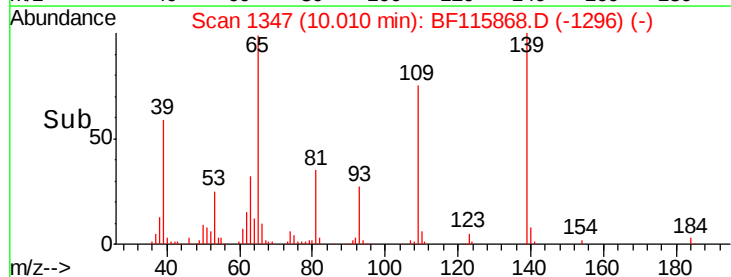
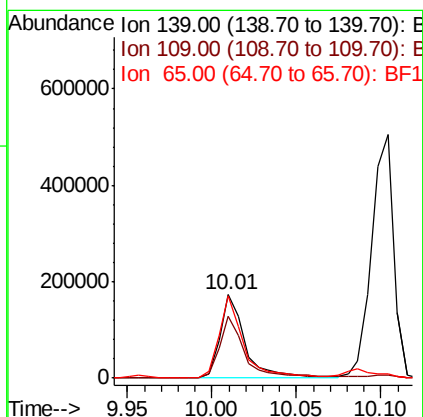
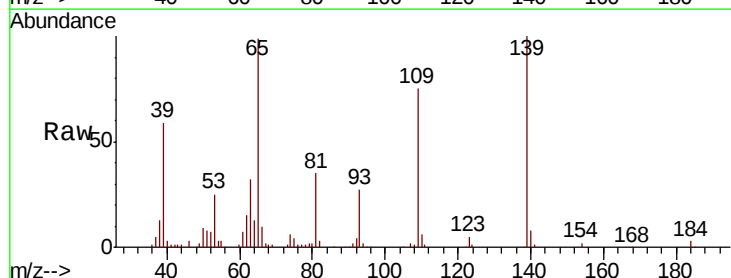
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:168 Resp: 1184311
Ion Ratio Lower Upper
168 100
139 38.3 30.2 45.2
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 39.895 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Tgt Ion:139 Resp: 180948
Ion Ratio Lower Upper
139 100
109 74.7 52.0 92.0
65 99.4 72.6 112.6

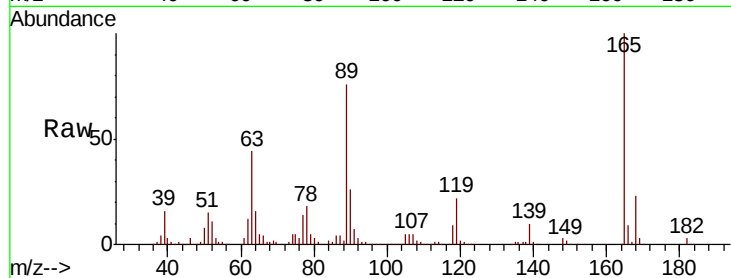




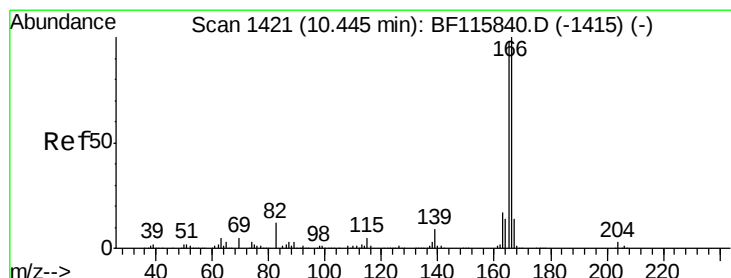
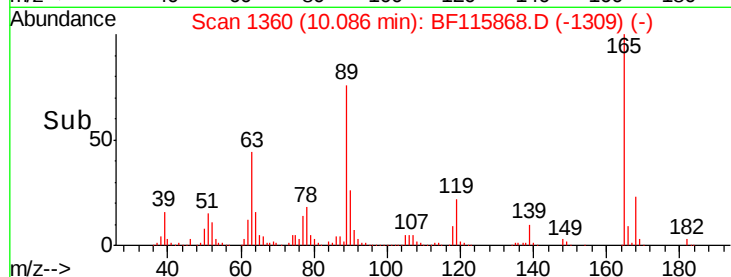
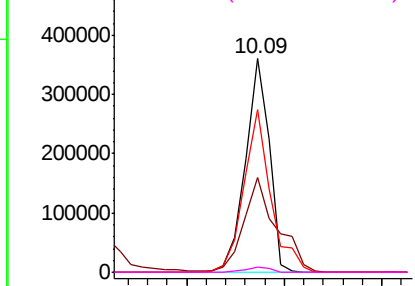
#57
2,4-Dinitrotoluene
Concen: 39.881 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.5	33.2	49.8
89	76.2	57.3	85.9
182	2.6	2.1	3.1

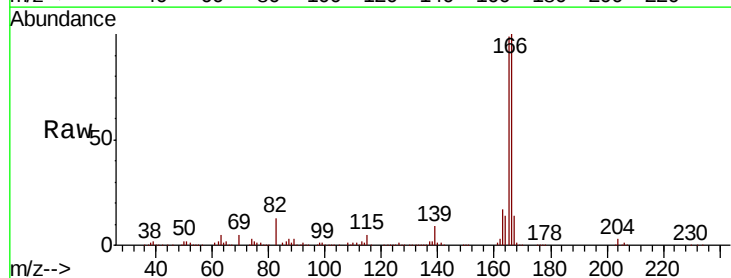


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

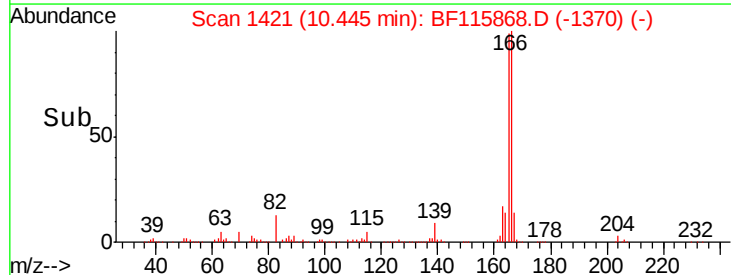
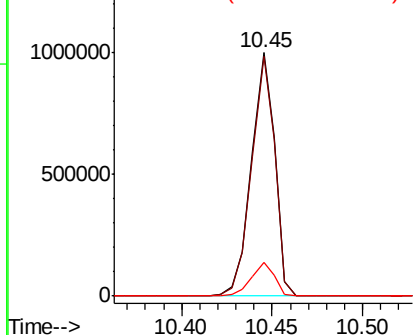


#58
Fluorene
Concen: 39.215 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	118.0
167	14.0	10.9	16.3



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

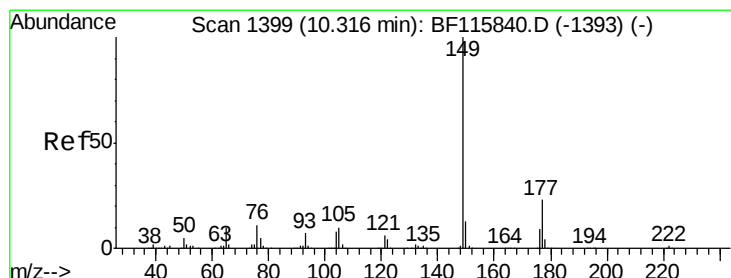
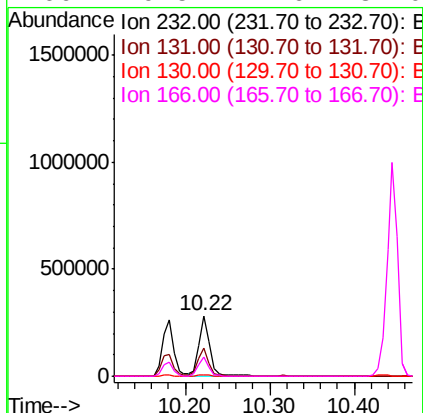
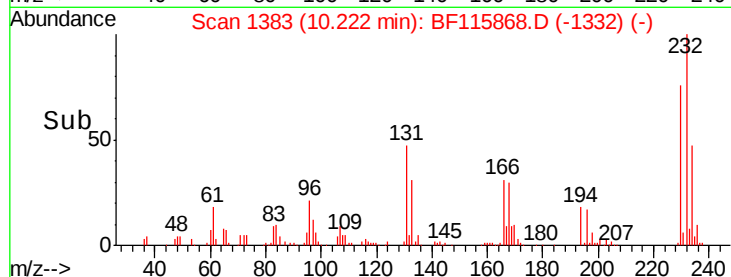
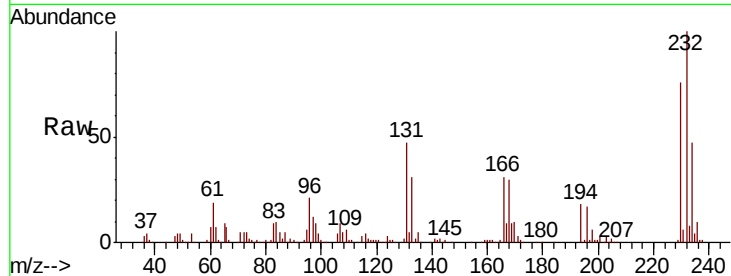




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.133 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF115868.D
 Acq: 31 Jul 2019 16:15

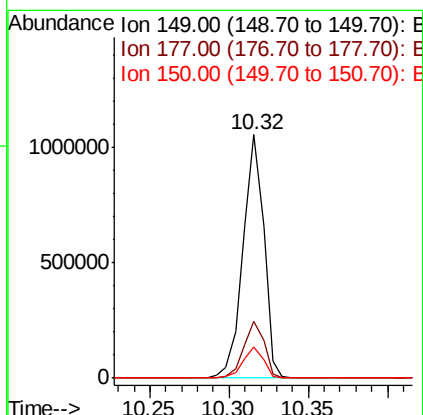
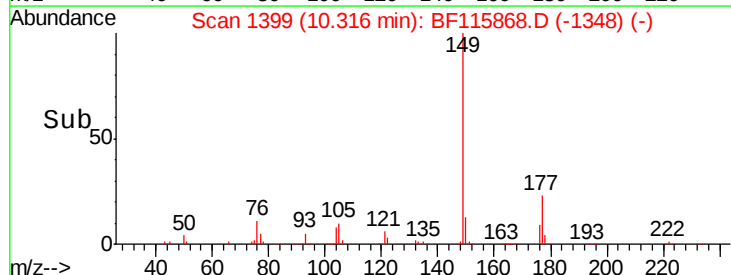
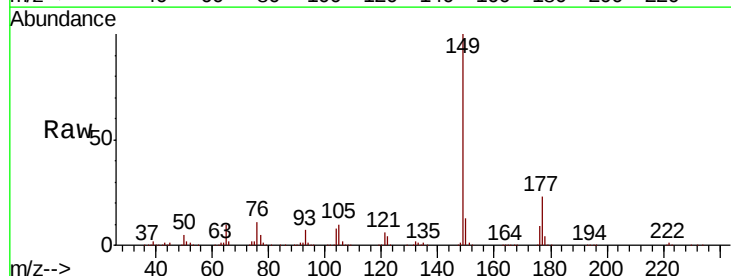
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	232	Resp:	248710
Ion	Ratio	Lower	Upper
232	100		
131	47.6	37.6	56.4
130	2.3	1.8	2.8
166	29.5	24.6	37.0



#60
 Diethylphthalate
 Concen: 38.953 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF115868.D
 Acq: 31 Jul 2019 16:15

Tgt Ion:	149	Resp:	958920
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.4	27.6
150	12.8	10.1	15.1

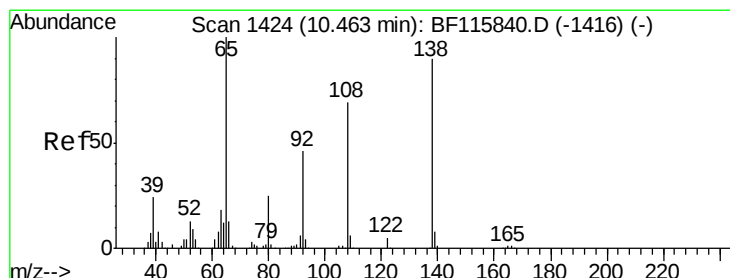
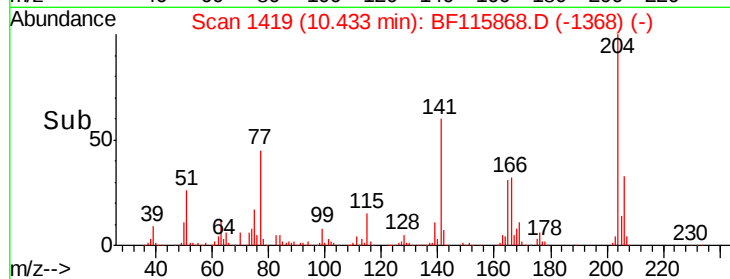
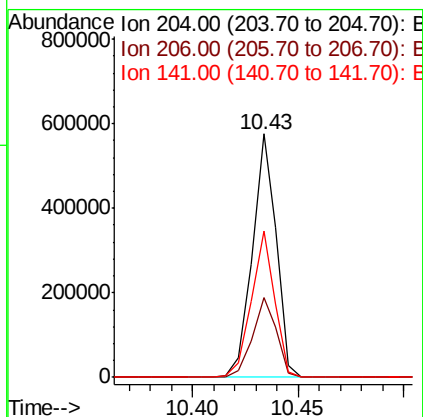
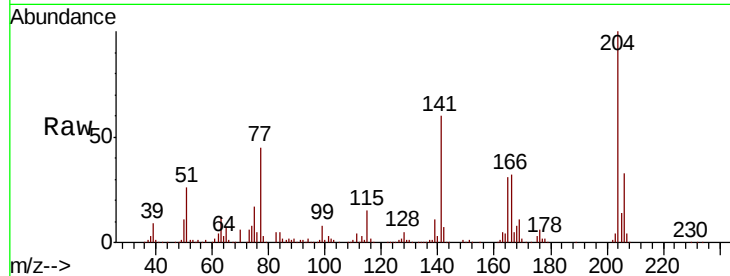




#61
 4-Chlorophenyl-phenylether
 Concen: 39.147 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF115868.D
 Acq: 31 Jul 2019 16:15

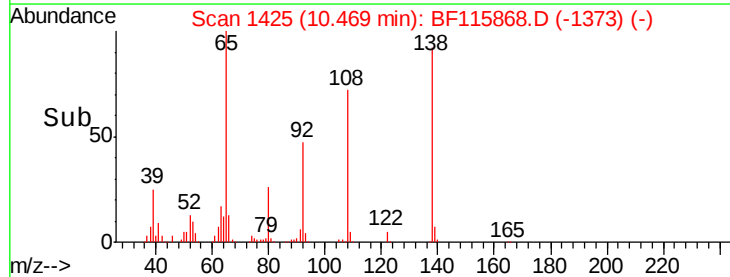
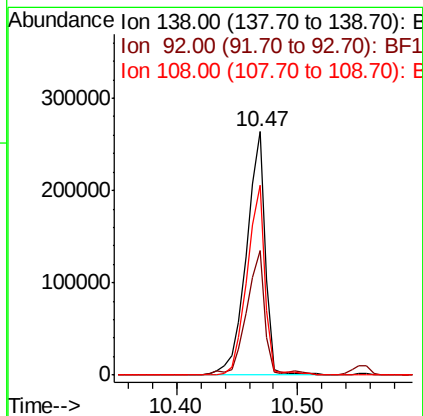
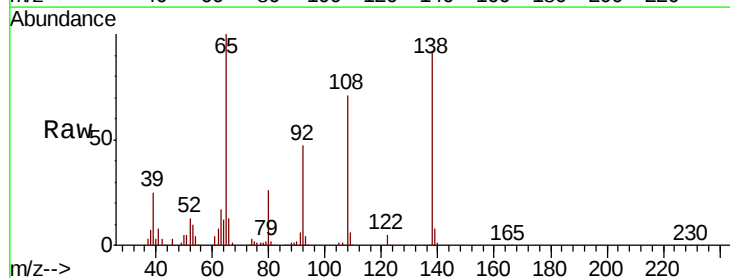
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

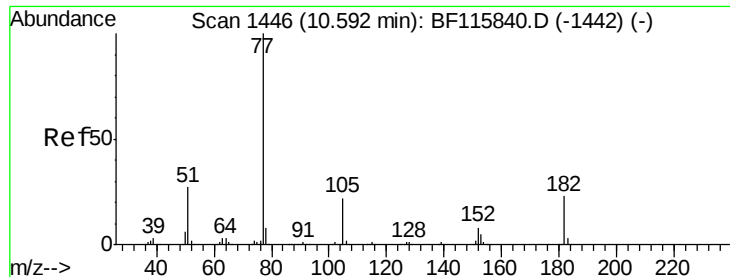
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	59.9	47.0	70.4



#62
 4-Nitroaniline
 Concen: 39.458 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF115868.D
 Acq: 31 Jul 2019 16:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	31.0	71.0
108	77.8	56.7	96.7





#63

Azobenzene

Concen: 38.856 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 983842

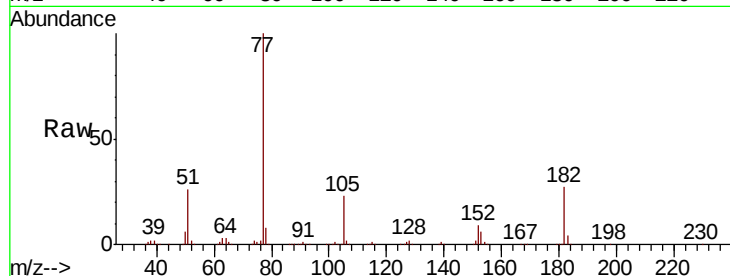
Ion Ratio Lower Upper

77 100

182 26.9 2.6 42.6

105 22.8 1.6 41.6

51 26.5 7.4 47.4

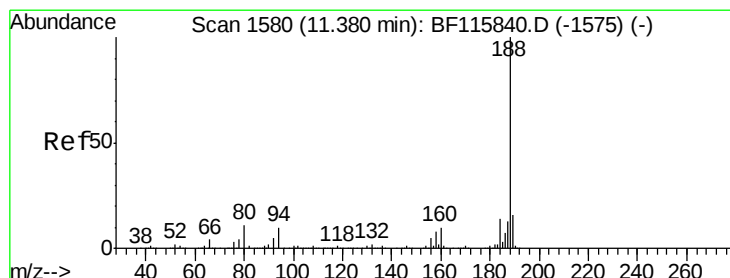
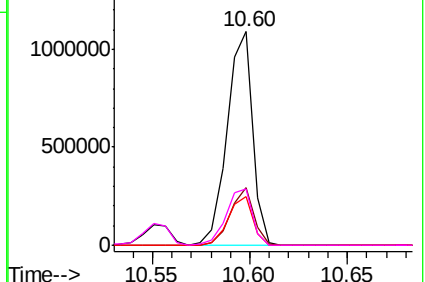
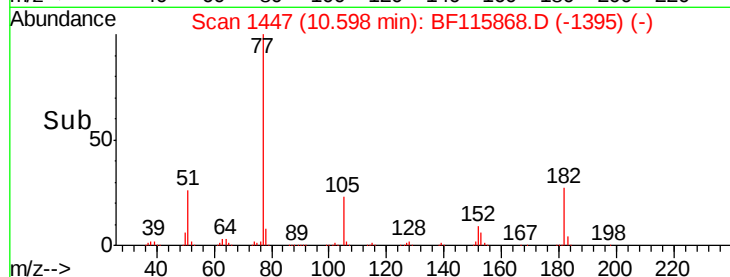


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

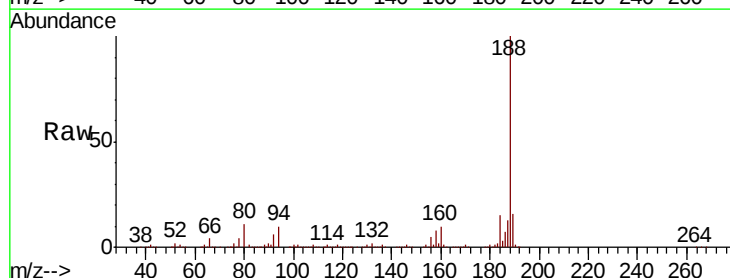
Tgt Ion: 188 Resp: 659005

Ion Ratio Lower Upper

188 100

94 10.1 8.0 12.0

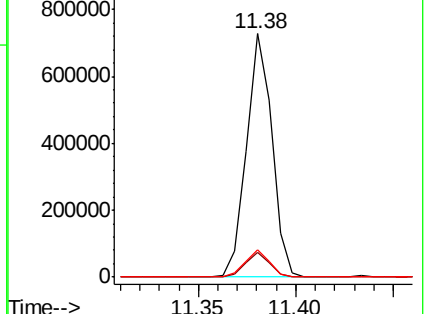
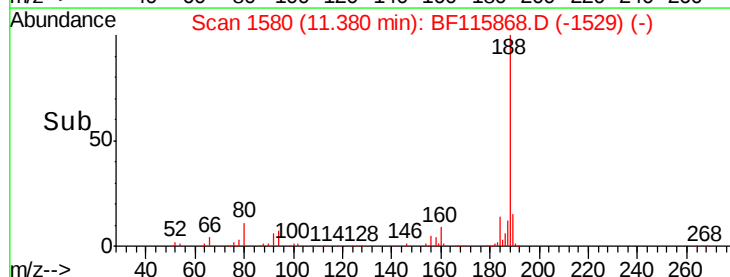
80 11.0 8.6 12.8

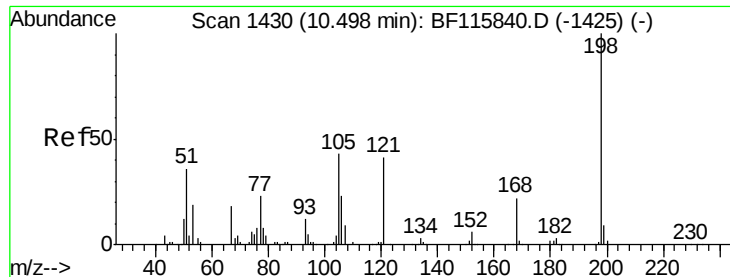


Abundance Ion 188.00 (187.70 to 188.70): E

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: 40.896 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

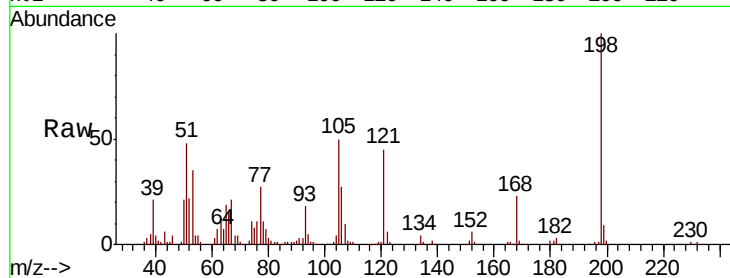
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:198 Resp: 142819

Ion	Ratio	Lower	Upper
198	100		
51	48.3	21.1	61.1
105	49.9	24.5	64.5

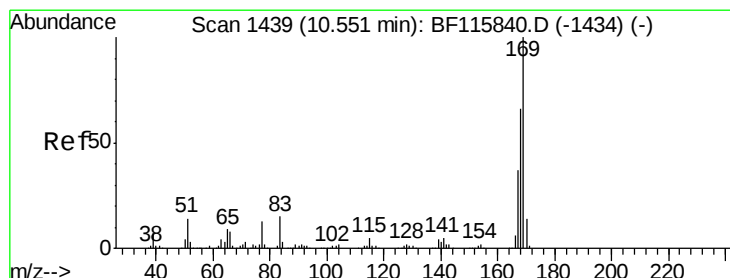
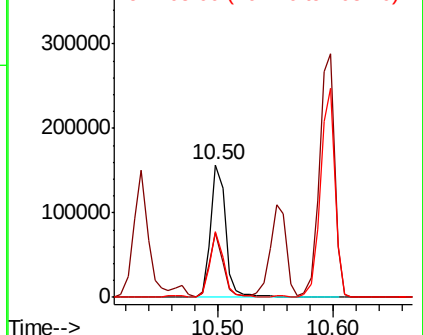
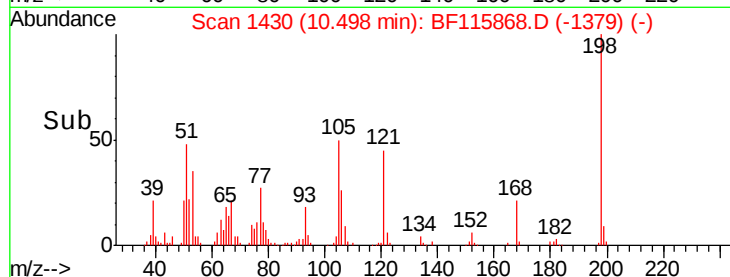


Abundance

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: 40.193 ng

RT: 10.56 min Scan# 1440

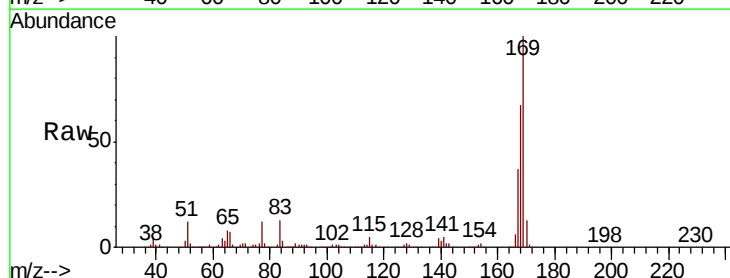
Delta R.T. 0.01 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Tgt Ion:169 Resp: 797251

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.0	79.6
167	37.3	29.9	44.9

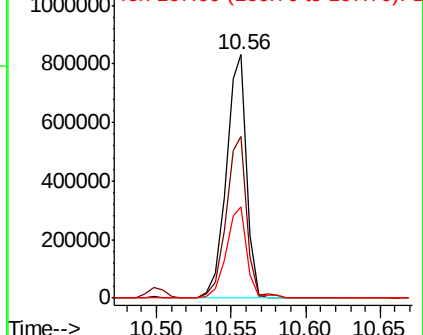
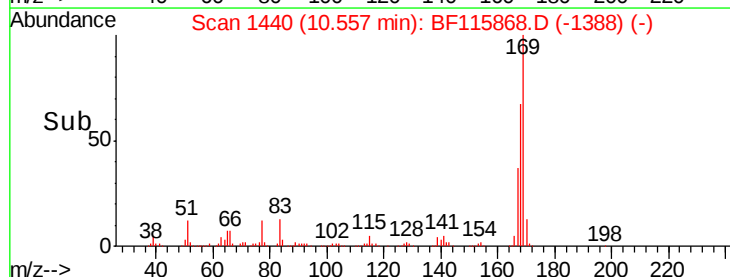


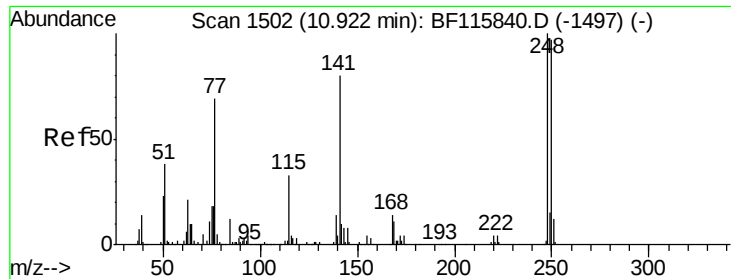
Abundance

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

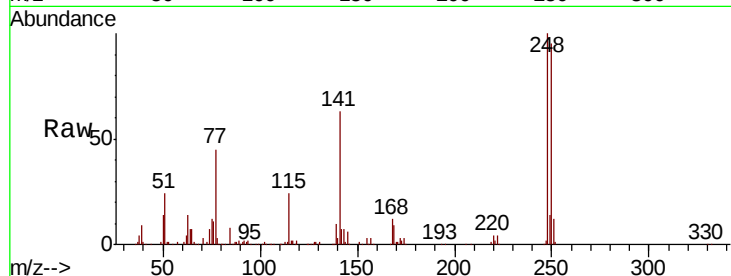




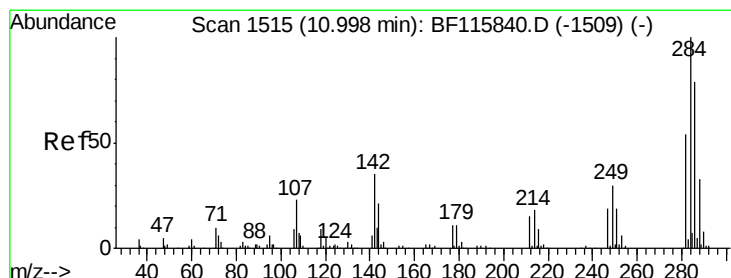
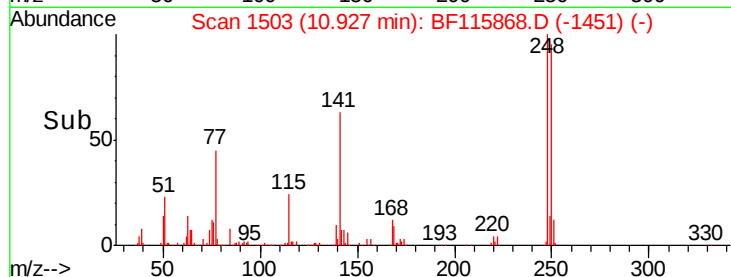
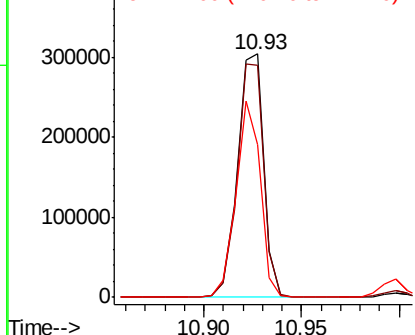
#67
4-Bromophenyl-phenylether
Concen: 39.931 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 281698
Ion Ratio Lower Upper
248 100
250 95.1 77.8 116.6
141 62.6 64.3 96.5#

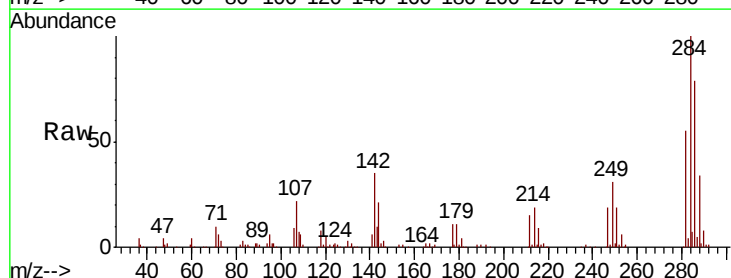


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

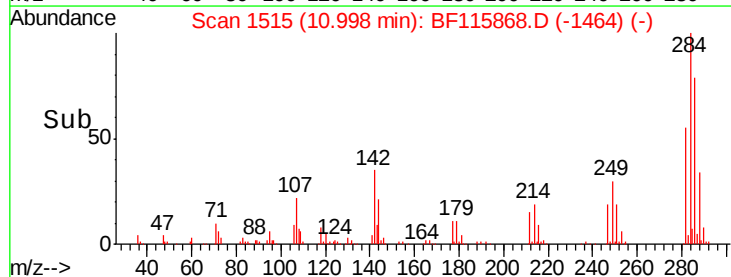
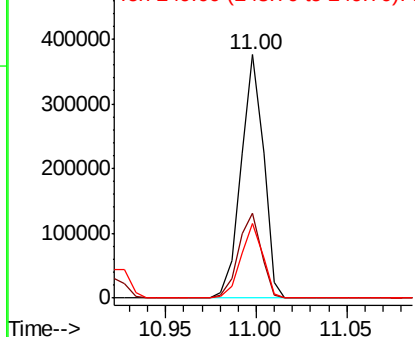


#68
Hexachlorobenzene
Concen: 39.727 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Tgt Ion:284 Resp: 324072
Ion Ratio Lower Upper
284 100
142 35.1 28.2 42.2
249 30.6 24.0 36.0



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

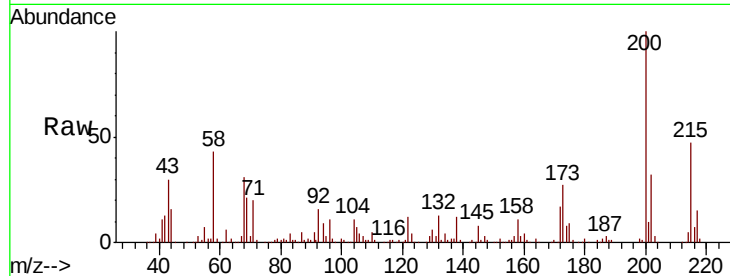




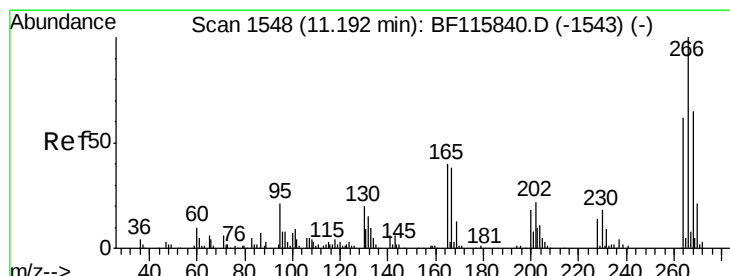
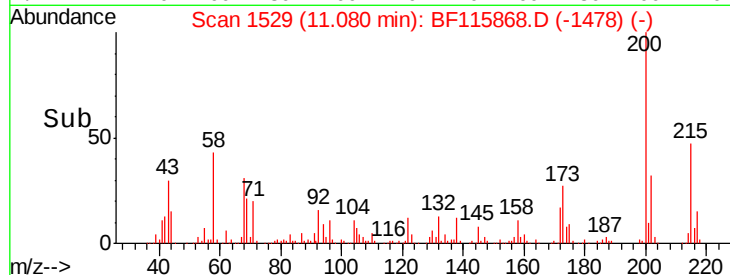
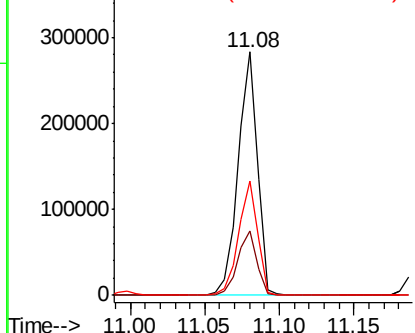
#69
Atrazine
Concen: 39.334 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:200 Resp: 256674
Ion Ratio Lower Upper
200 100
173 26.6 7.3 47.3
215 47.2 26.9 66.9

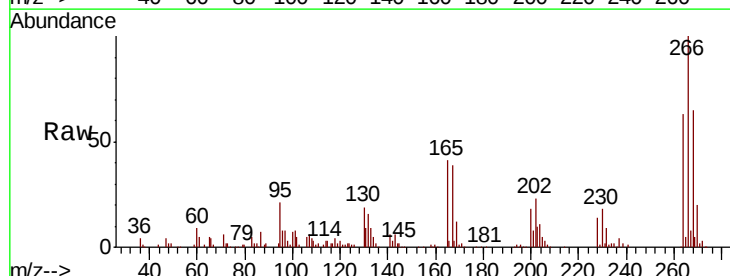


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

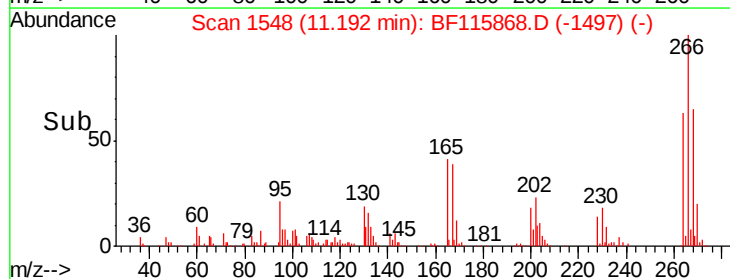
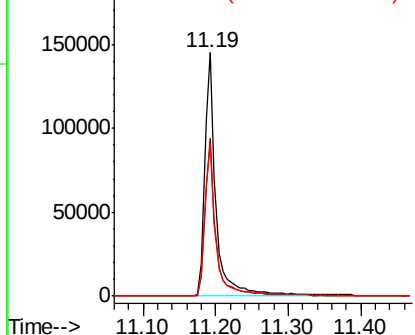


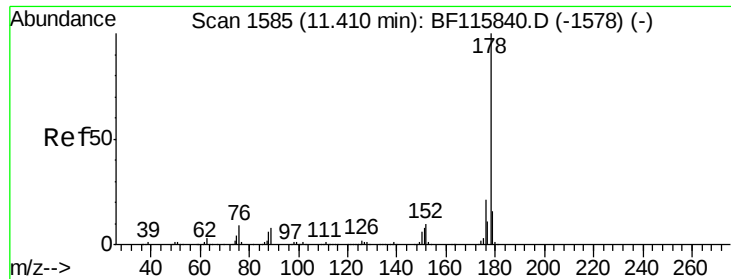
#70
Pentachlorophenol
Concen: 40.210 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Tgt Ion:266 Resp: 159252
Ion Ratio Lower Upper
266 100
268 64.7 51.6 77.4
264 62.6 49.4 74.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

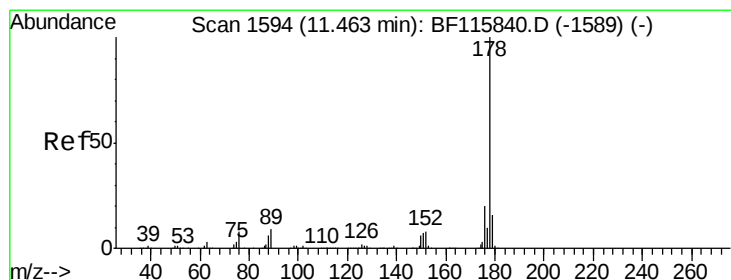
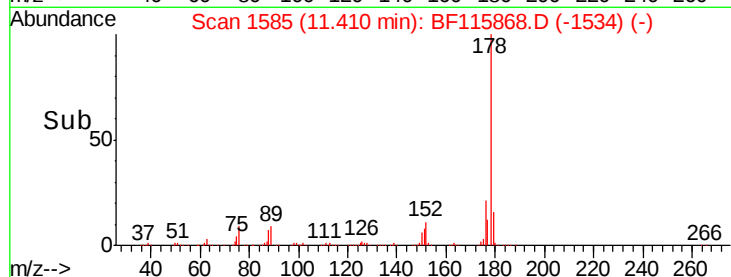
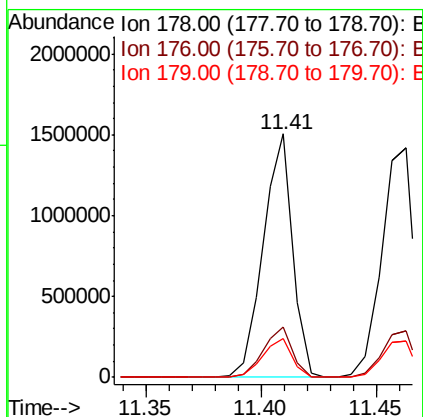
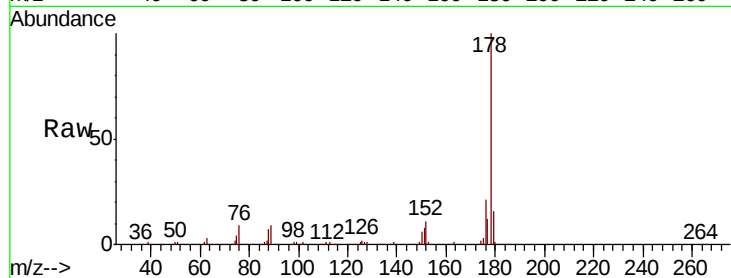




#71
Phenanthrene
Concen: 39.518 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

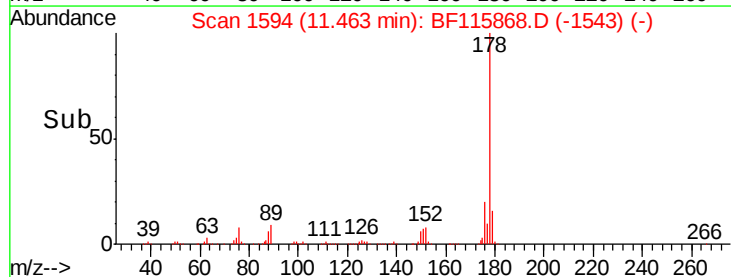
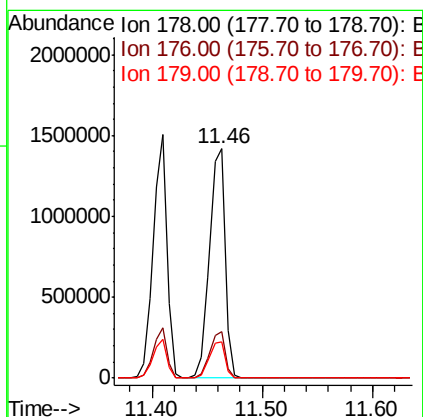
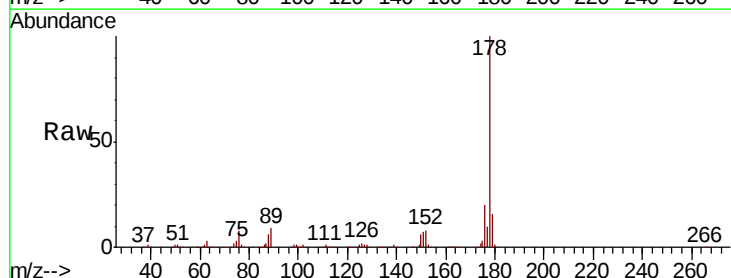
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

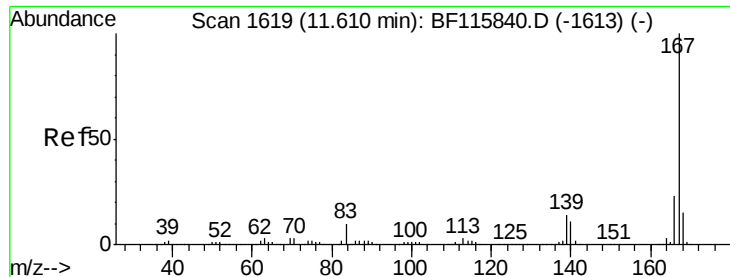
Tot Ion:178 Resp: 1331362
Ion Ratio Lower Upper
178 100
176 20.9 16.5 24.7
179 15.9 12.6 18.8



#72
Anthracene
Concen: 39.897 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Tgt Ion:178 Resp: 1360317
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 15.8 12.4 18.6





#73

Carbazole

Concen: 40.159 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

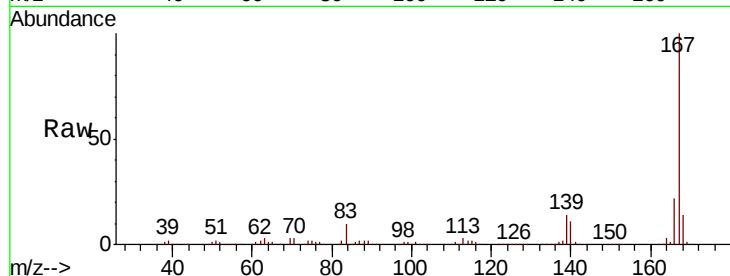
Tot Ion:167 Resp: 1242238

Ion Ratio Lower Upper

167 100

166 22.4 18.0 27.0

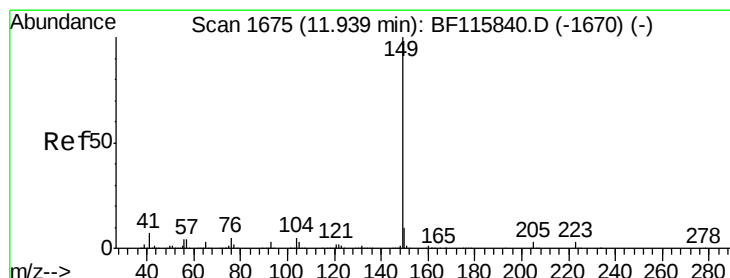
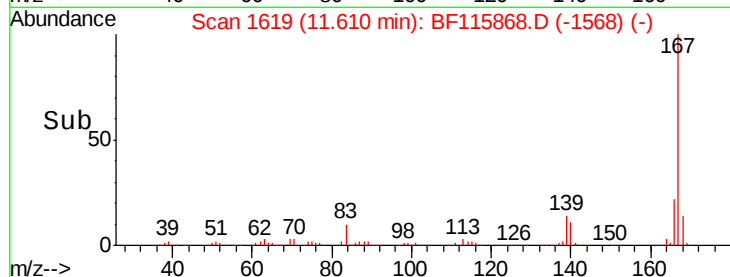
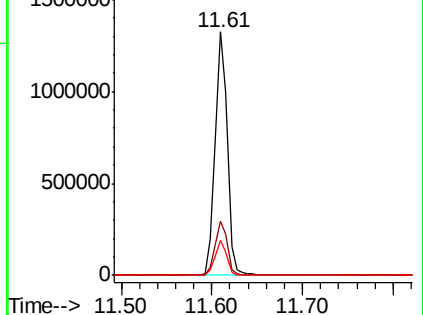
139 14.1 11.4 17.2



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: 38.587 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

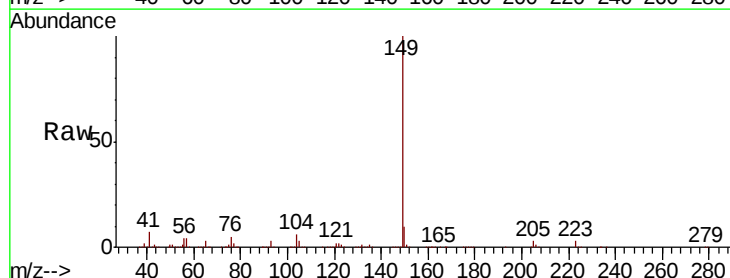
Tgt Ion:149 Resp: 1392404

Ion Ratio Lower Upper

149 100

150 10.0 7.7 11.5

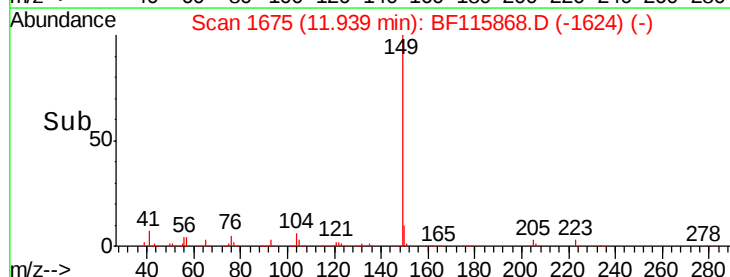
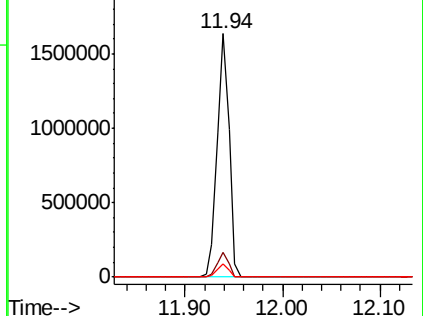
104 5.6 4.3 6.5

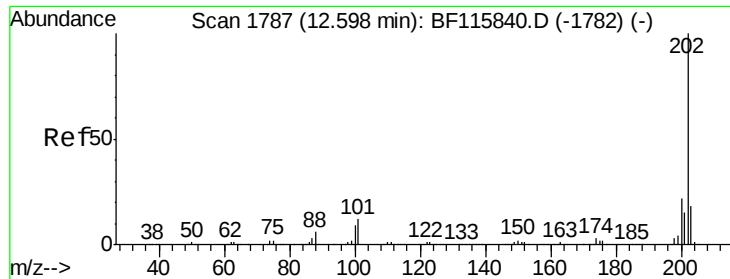


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

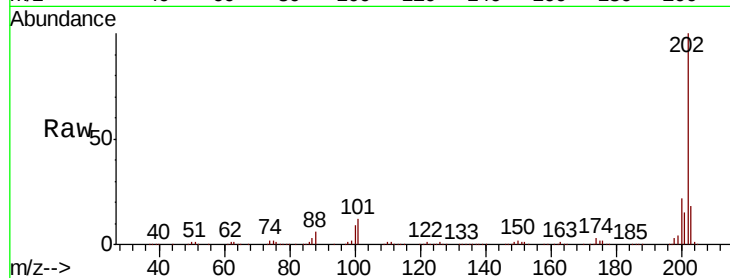




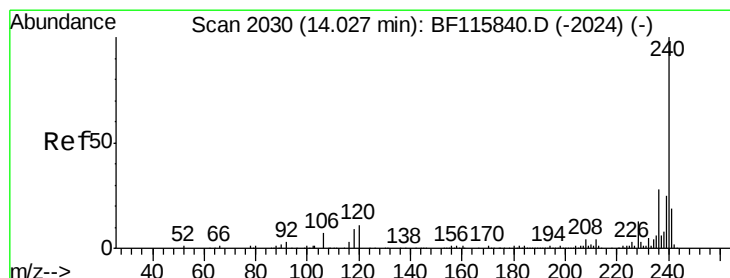
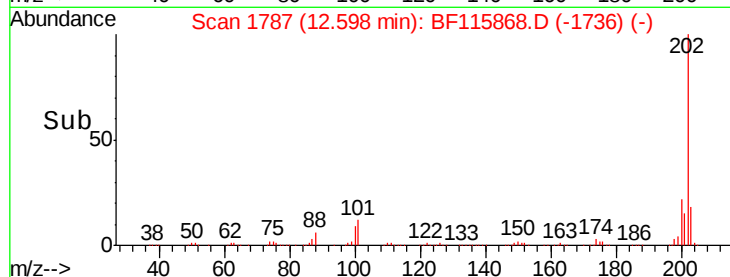
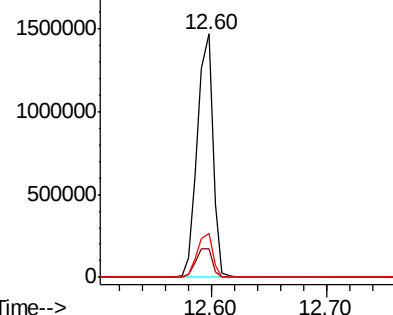
#75
 Fluoranthene
 Concen: 39.658 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115868.D
 Acq: 31 Jul 2019 16:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:202 Resp: 1398728
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 31.5
 203 17.9 0.0 37.9

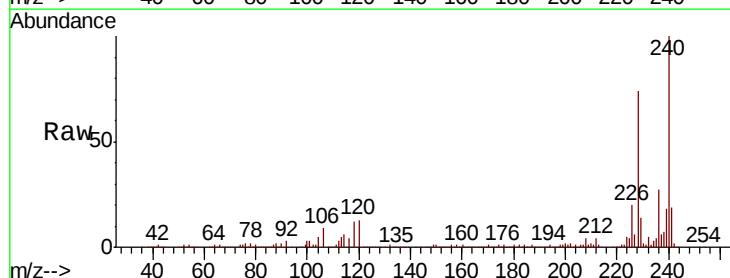


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

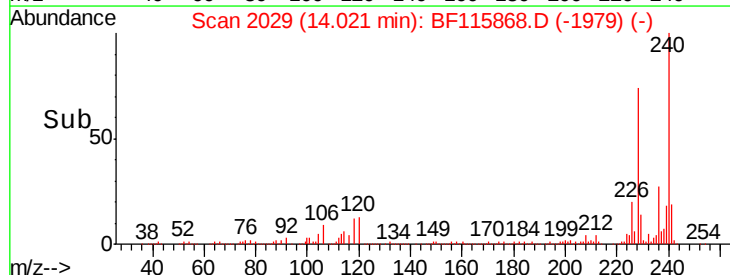
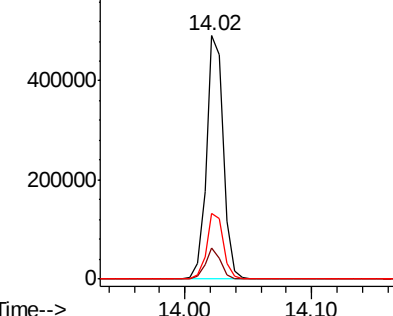


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115868.D
 Acq: 31 Jul 2019 16:15

Tgt Ion:240 Resp: 459916
 Ion Ratio Lower Upper
 240 100
 120 12.8 8.5 12.7#
 236 26.7 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E
 600000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.673 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

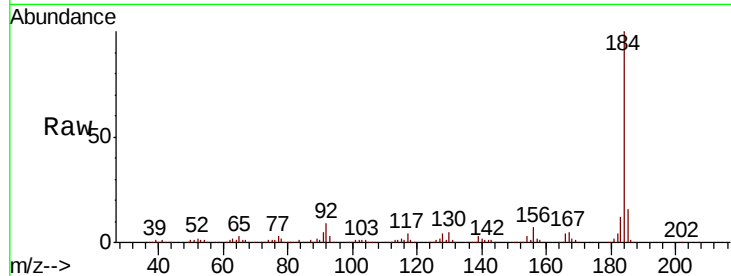
Tot Ion:184 Resp: 647508

Ion Ratio Lower Upper

184 100

185 16.4 13.4 20.2

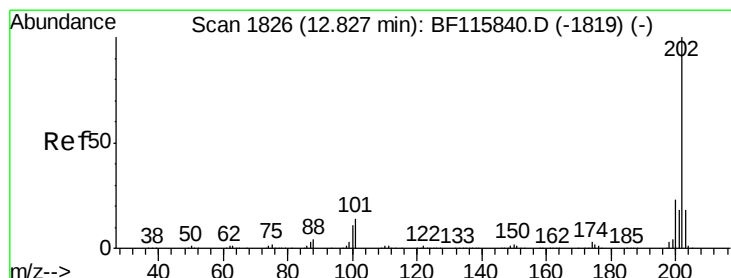
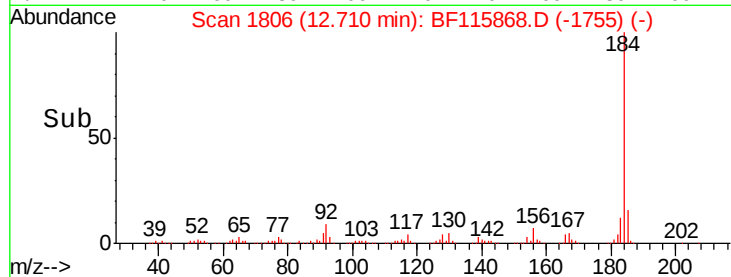
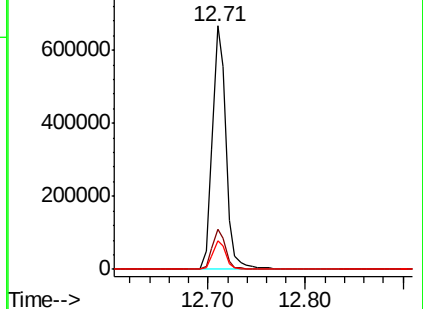
183 11.9 9.1 13.7



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: 40.970 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

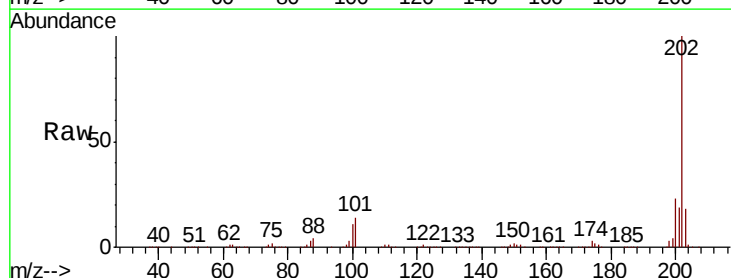
Tgt Ion:202 Resp: 1420397

Ion Ratio Lower Upper

202 100

200 23.0 18.2 27.2

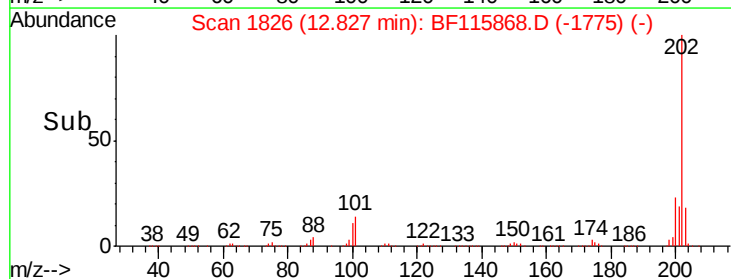
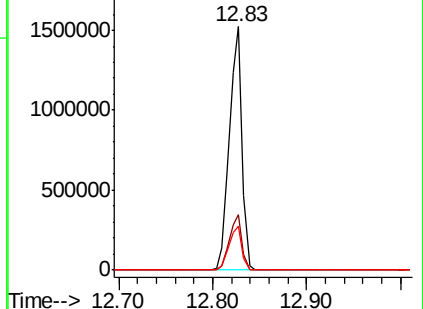
203 17.9 14.3 21.5

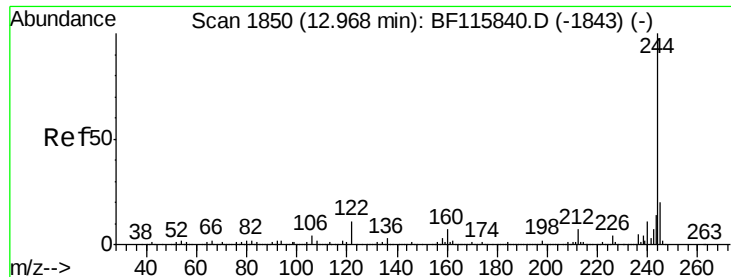


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.180 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

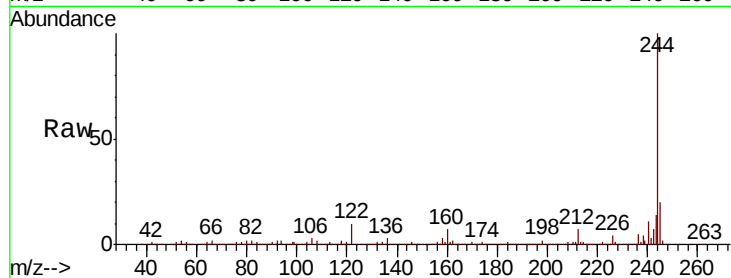
Tot Ion:244 Resp: 1728196

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

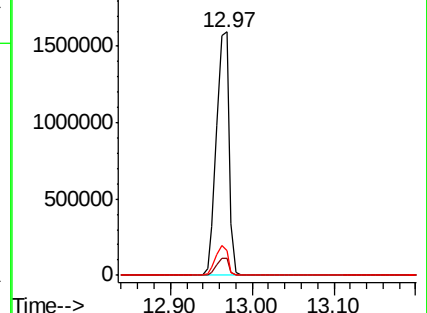
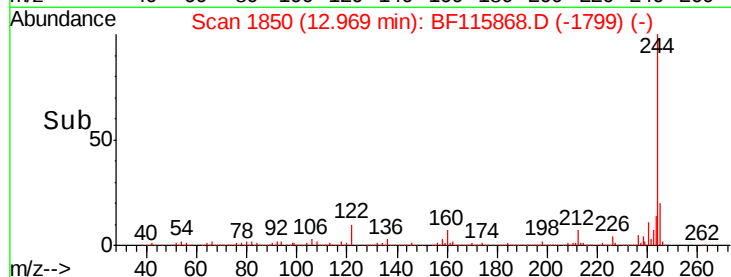
122 10.4 8.6 13.0



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: 40.069 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

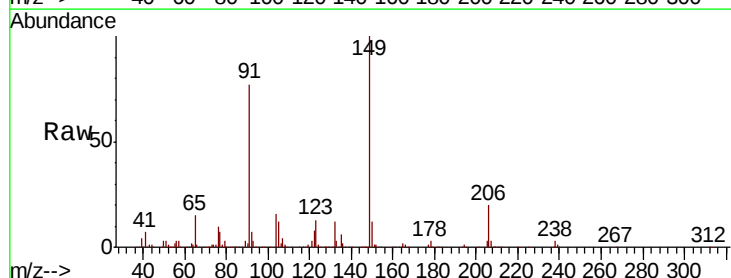
Tgt Ion:149 Resp: 587620

Ion Ratio Lower Upper

149 100

91 76.8 57.0 85.6

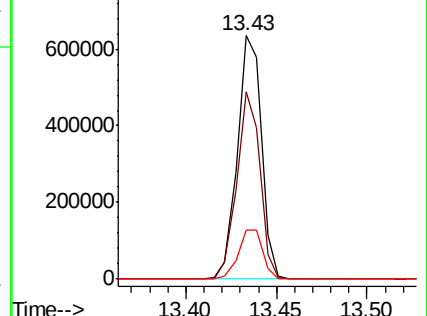
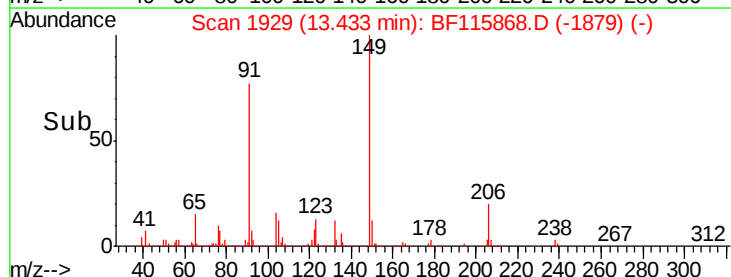
206 19.9 16.9 25.3

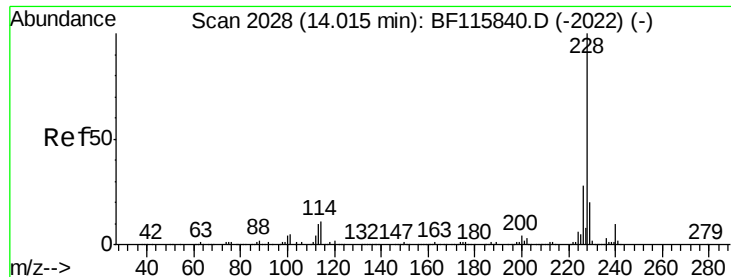


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.173 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

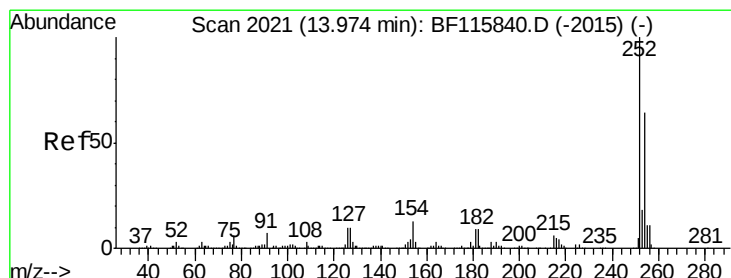
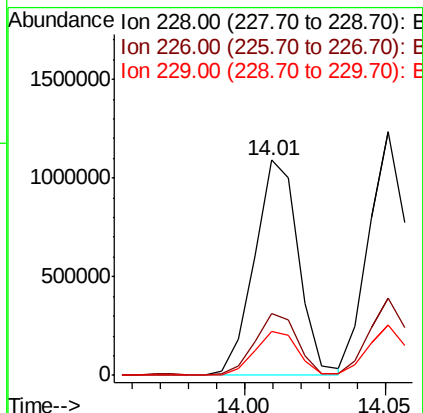
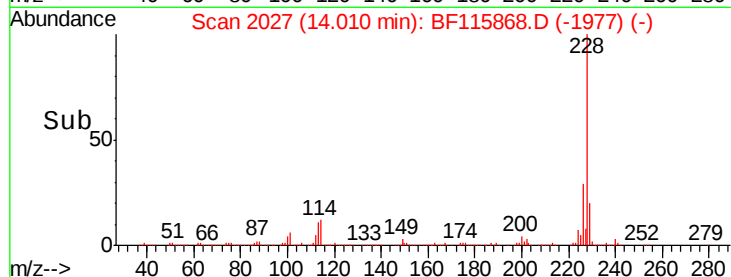
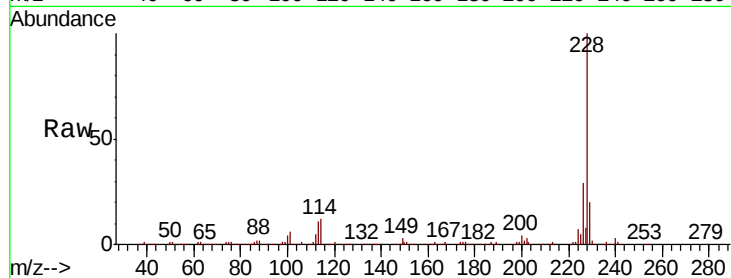
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1180930

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.5	33.7
229	20.5	16.1	24.1



#82

3,3'-Dichlorobenzidine

Concen: 40.377 ng

RT: 13.97 min Scan# 2020

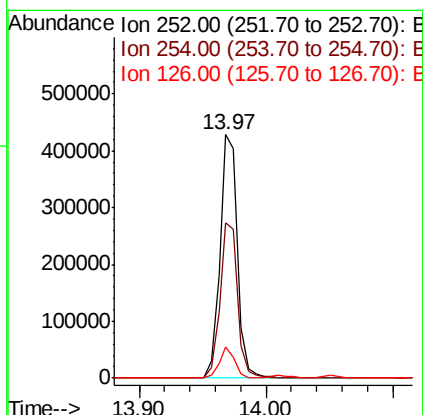
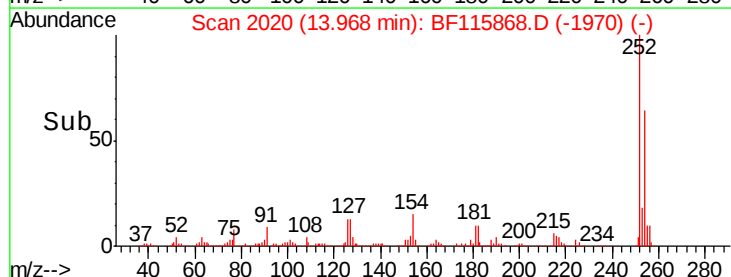
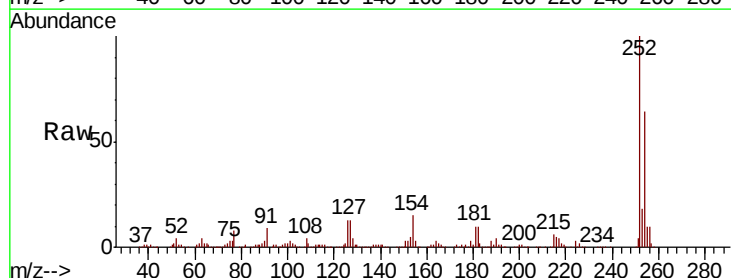
Delta R.T. -0.01 min

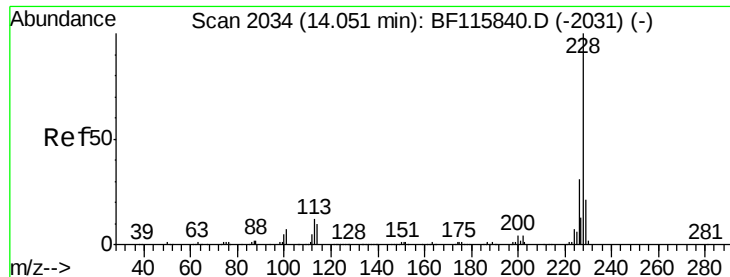
Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Tgt Ion:252 Resp: 412365

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.2	76.8
126	13.0	8.1	12.1





#83

Chrysene

Concen: 39.383 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

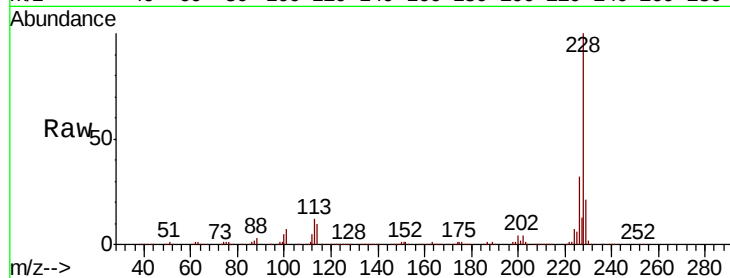
Tot Ion:228 Resp: 1123950

Ion Ratio Lower Upper

228 100

226 31.7 24.8 37.2

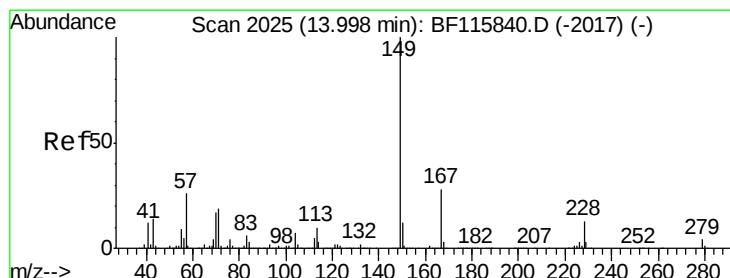
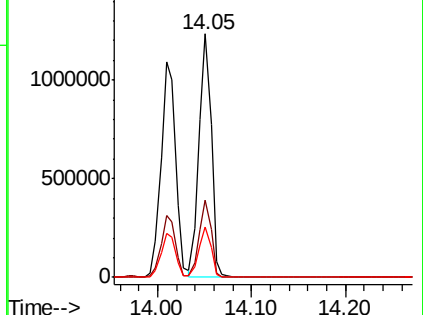
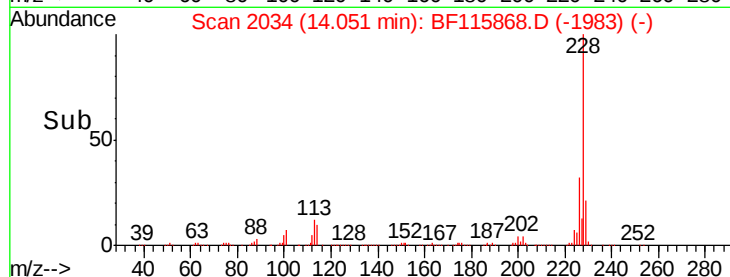
229 20.9 16.4 24.6



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: 38.763 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

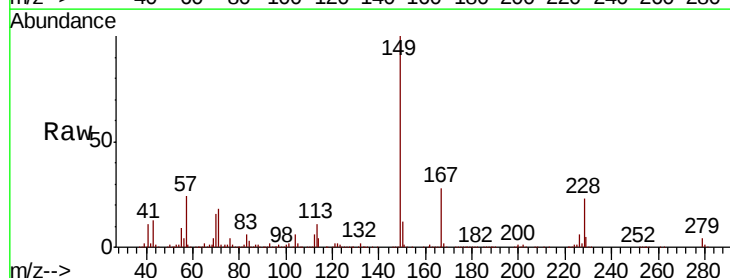
Tgt Ion:149 Resp: 738715

Ion Ratio Lower Upper

149 100

167 28.3 22.4 33.6

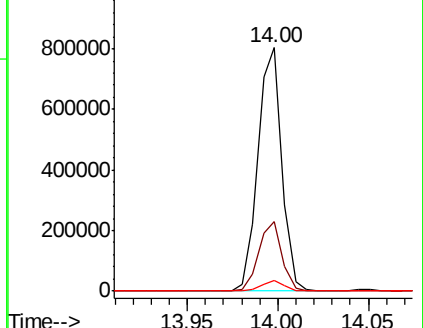
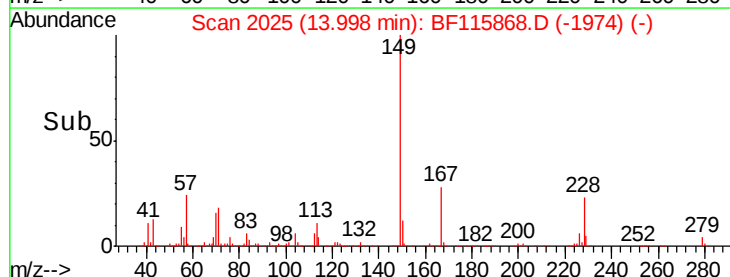
279 4.4 3.3 4.9

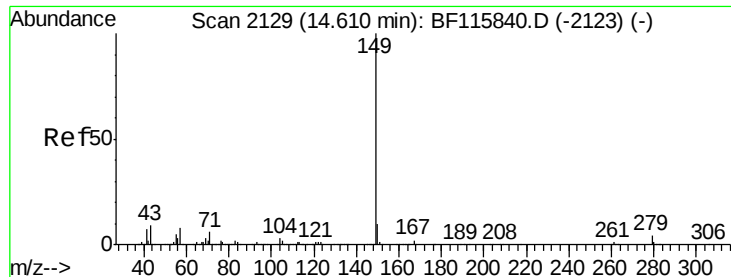


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

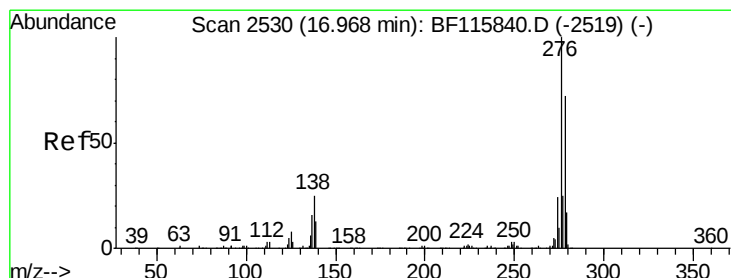
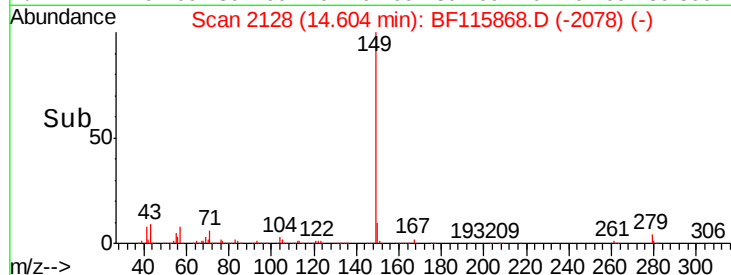
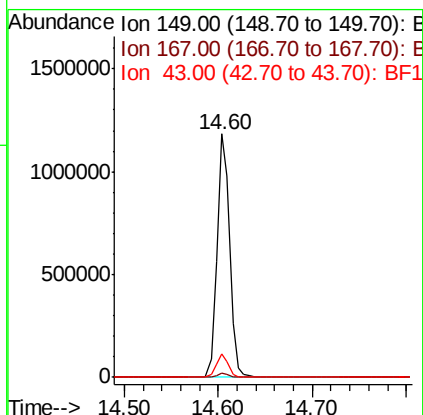
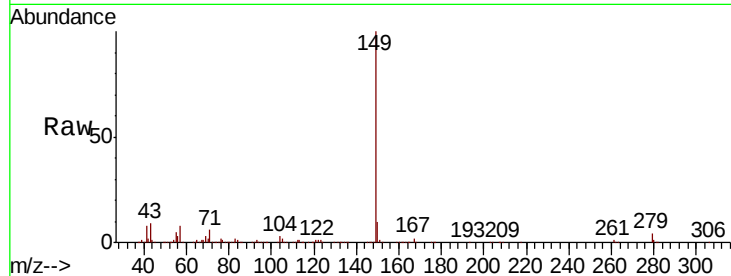




#85
Di-n-octyl phthalate
Concen: 36.915 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

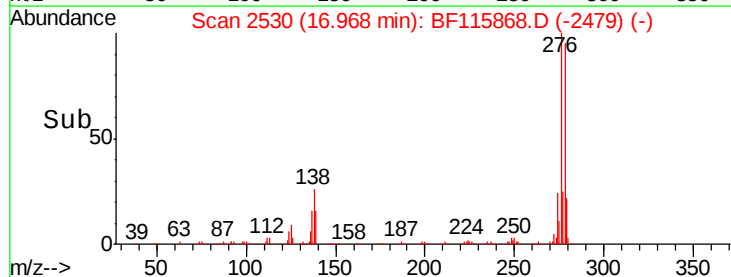
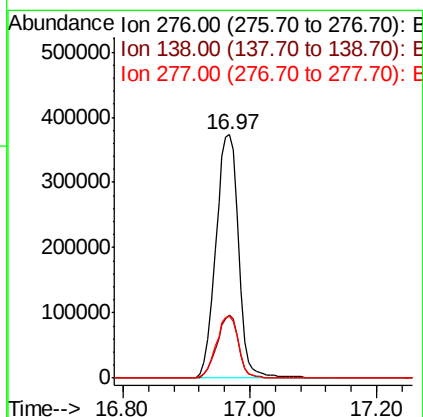
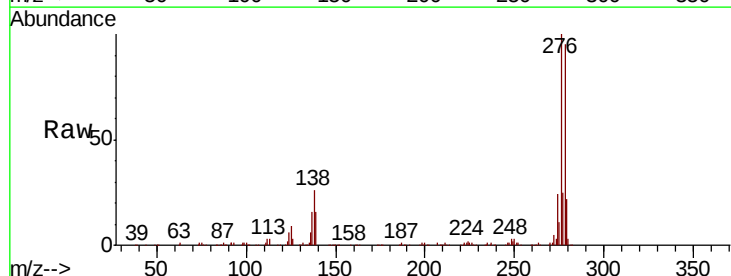
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

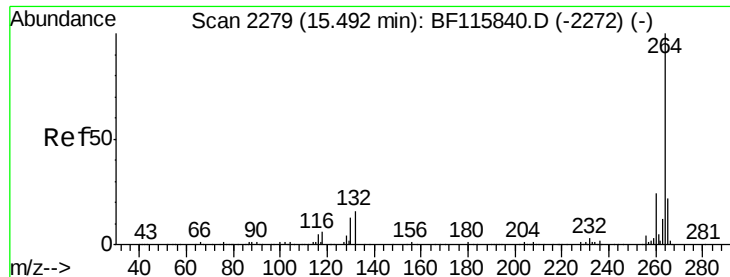
Tot Ion:149 Resp: 1117422
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.3 7.4 11.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.136 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Tgt Ion:276 Resp: 938091
Ion Ratio Lower Upper
276 100
138 24.5 19.6 29.4
277 25.0 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

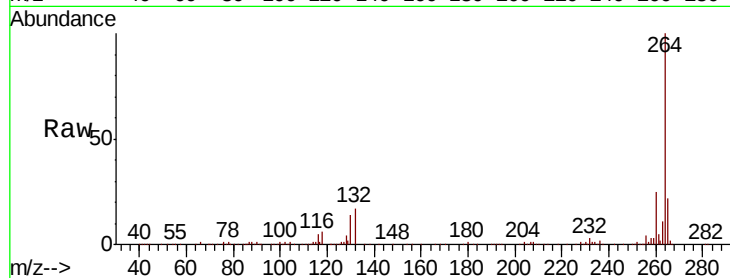
Tot Ion:264 Resp: 413973

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

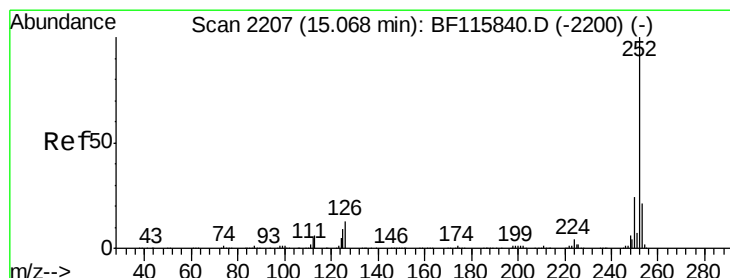
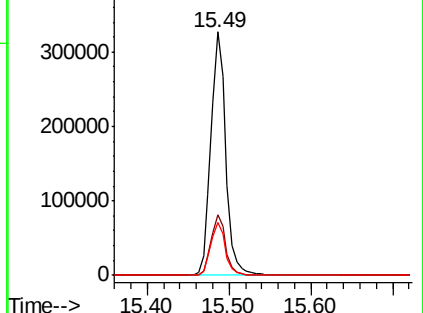
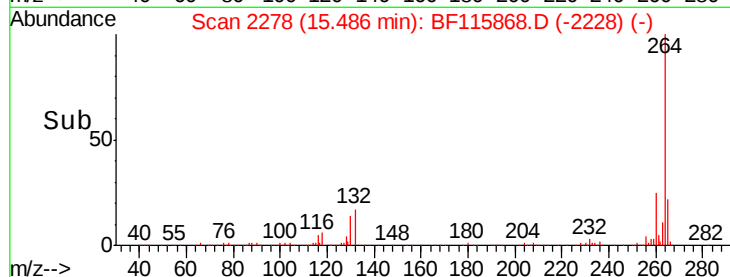
265 21.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.116 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF115868.D

Acq: 31 Jul 2019 16:15

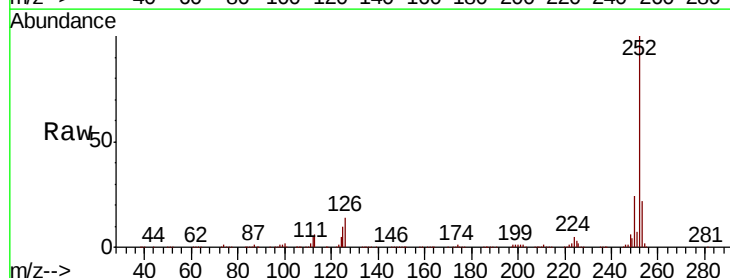
Tgt Ion:252 Resp: 936308

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

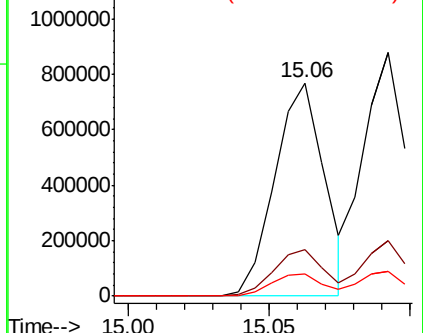
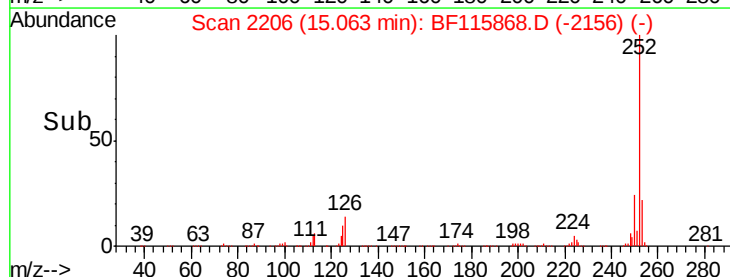
125 10.2 7.4 11.0

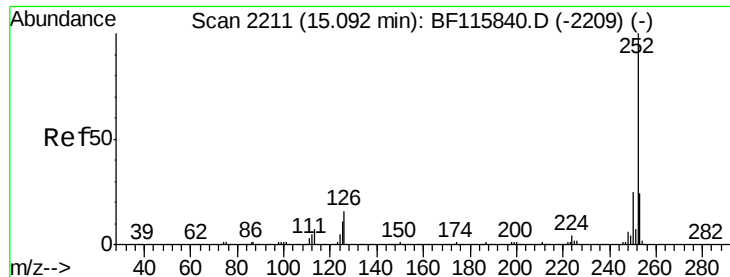


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

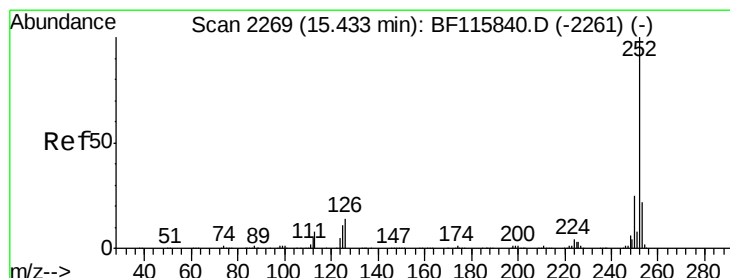
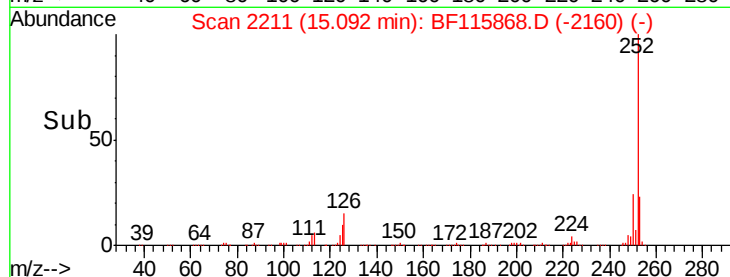
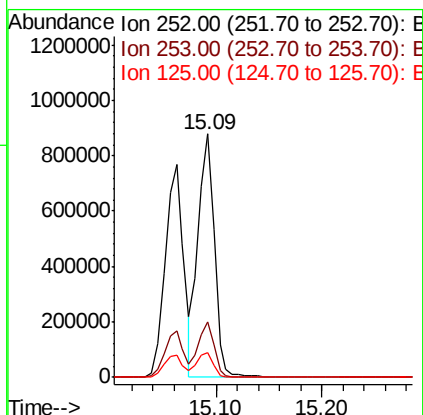
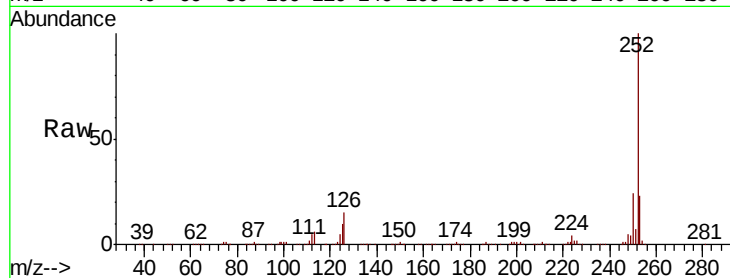




#89
Benzo(k)fluoranthene
Concen: 40.076 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

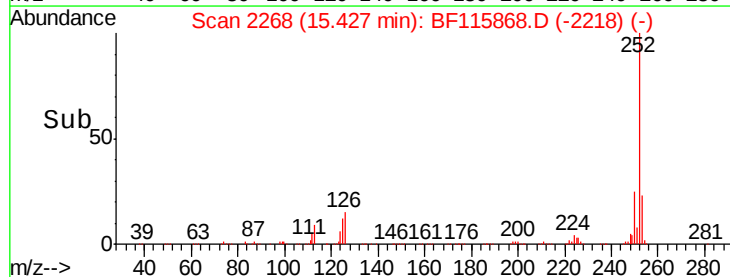
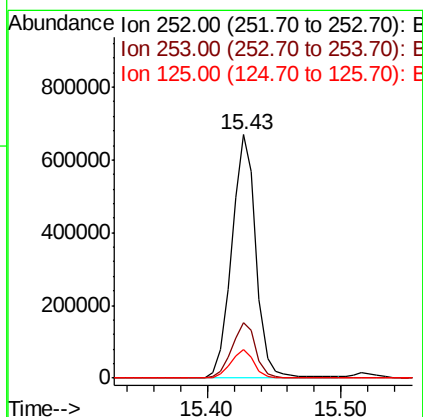
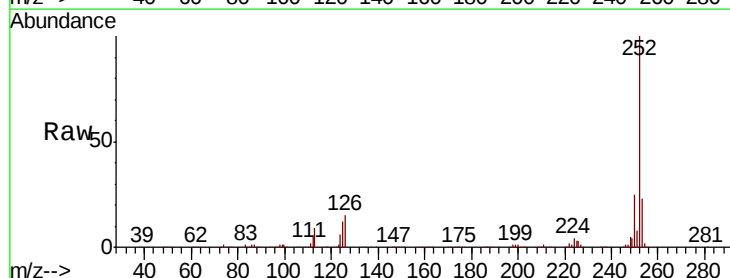
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 934336
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 10.2 8.9 13.3



#90
Benzo(a)pyrene
Concen: 39.756 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Tgt Ion:252 Resp: 850663
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 11.7 8.8 13.2

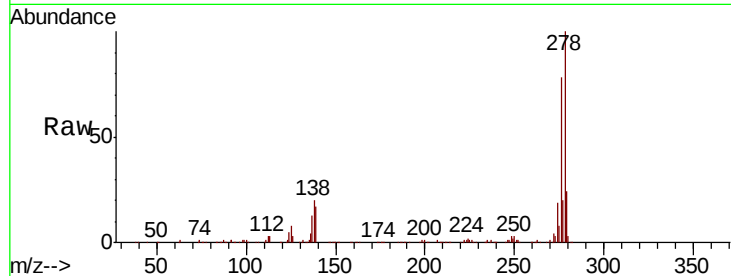




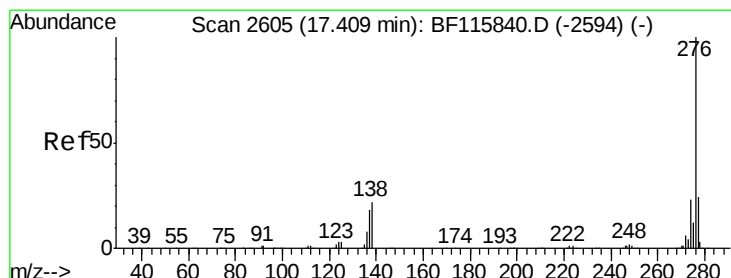
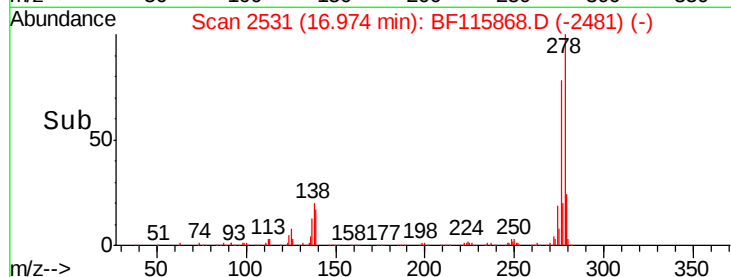
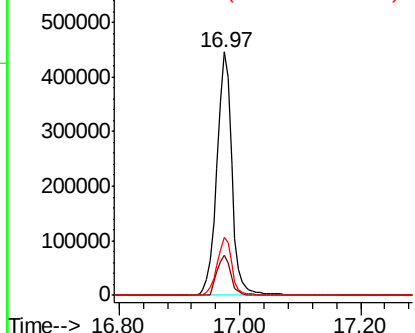
#91
Dibenzo(a,h)anthracene
Concen: 41.396 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 766718
Ion Ratio Lower Upper
278 100
139 16.6 12.6 19.0
279 23.8 18.8 28.2

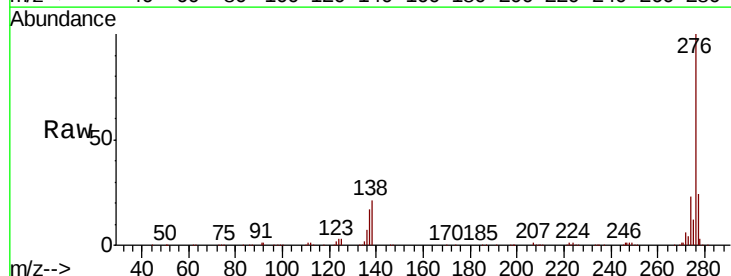


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.918 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.00 min
Lab File: BF115868.D
Acq: 31 Jul 2019 16:15

Tgt Ion:276 Resp: 762494
Ion Ratio Lower Upper
276 100
277 23.8 19.5 29.3
138 20.5 17.8 26.8



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

