

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090819\
 Data File : BF116882.D
 Acq On : 8 Sep 2019 21:11
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 09 02:15:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	83783	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	349661	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	174776	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	272389	20.00	ng	0.00
76) Chrysene-d12	14.00	240	176540	20.00	ng	0.00
87) Perylene-d12	15.45	264	155467	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	443433	85.74	ng	0.00
7) Phenol-d6	6.48	99	578579	85.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	528176	86.23	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	119392	102.18	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	943451	91.06	ng	-0.01
79) Terphenyl-d14	12.94	244	840099	88.03	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	92813	38.877	ng	96
3) Pyridine	3.34	79	256927	37.170	ng	92
4) n-Nitrosodimethylamine	3.29	42	82853	34.906	ng	80
6) Aniline	6.50	93	378397	40.231	ng	98
8) 2-Chlorophenol	6.63	128	242855	43.017	ng	100
9) Benzaldehyde	6.39	77	167078	37.345	ng	96
10) Phenol	6.49	94	317133	42.174	ng	94
11) bis(2-Chloroethyl)ether	6.58	93	235302	40.187	ng	97
12) 1,3-Dichlorobenzene	6.79	146	275090	43.113	ng	97
13) 1,4-Dichlorobenzene	6.86	146	280426	44.145	ng	99
14) 1,2-Dichlorobenzene	7.02	146	260344	44.224	ng	96
15) Benzyl Alcohol	6.99	79	222033	40.279	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	244349	35.569	ng	89
17) 2-Methylphenol	7.10	107	204390	41.357	ng	97
18) Hexachloroethane	7.36	117	106364	43.097	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	176755	39.531	ng	92
20) 3+4-Methylphenols	7.25	107	252394	43.923	ng	# 74
22) Acetophenone	7.25	105	364468	43.296	ng	96
24) Nitrobenzene	7.43	77	266204	42.733	ng	91
25) Isophorone	7.66	82	485248	39.097	ng	100
26) 2-Nitrophenol	7.74	139	108174	46.708	ng	97
27) 2,4-Dimethylphenol	7.78	122	185693	39.701	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	306513	40.413	ng	96
29) 2,4-Dichlorophenol	7.99	162	196334	43.678	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	212673	43.621	ng	96
31) Naphthalene	8.15	128	699350	42.062	ng	100
32) Benzoic acid	7.90	122	102314	38.741	ng	95
33) 4-Chloroaniline	8.19	127	310046	40.965	ng	98
34) Hexachlorobutadiene	8.27	225	121648	45.761	ng	99
35) Caprolactam	8.56	113	62703	37.274	ng	93
36) 4-Chloro-3-methylphenol	8.67	107	223212	43.205	ng	100
37) 2-Methylnaphthalene	8.84	142	473906	42.838	ng	96
38) 1-Methylnaphthalene	8.93	142	442263	42.350	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	190245	45.408	ng	98

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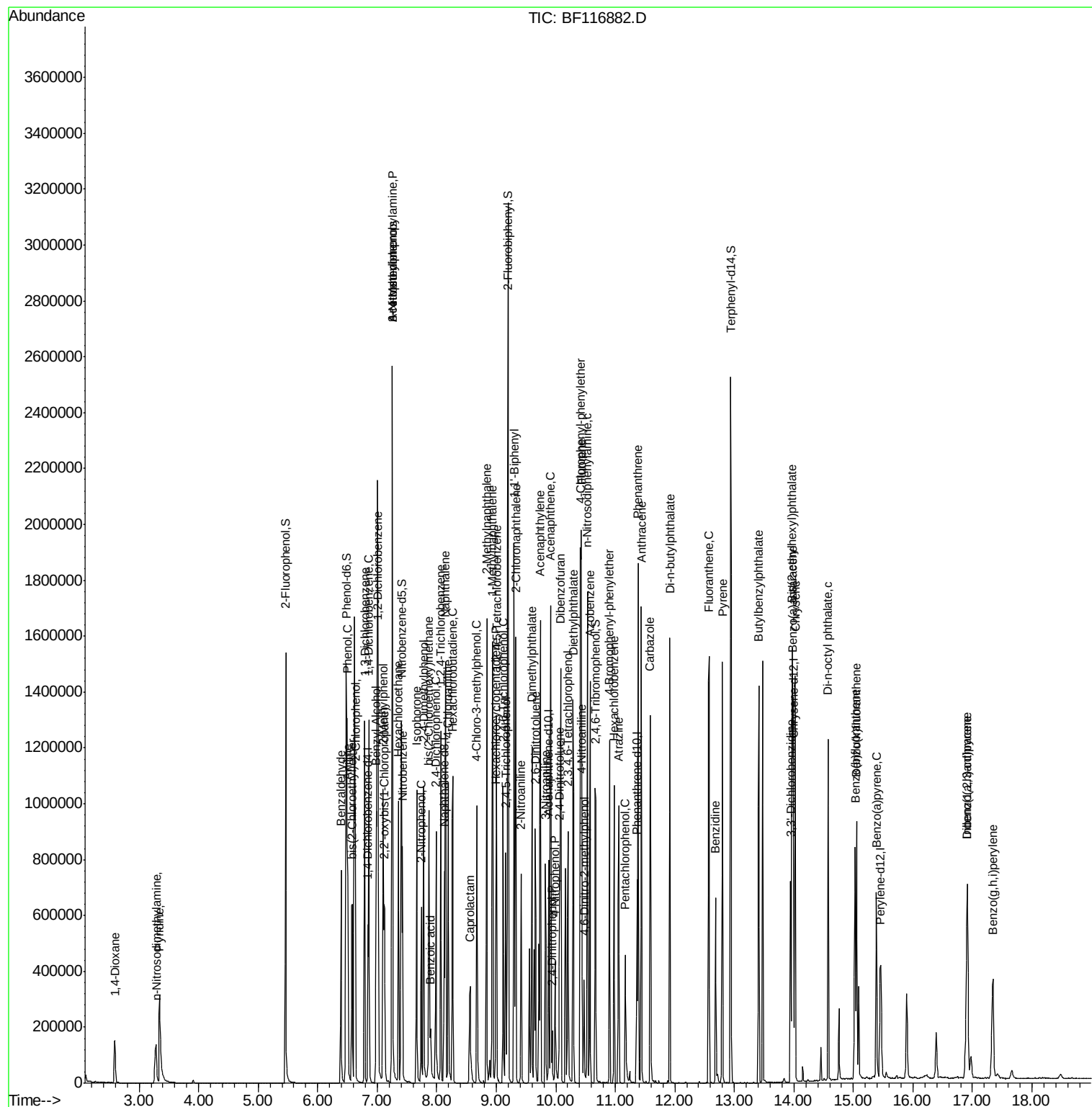
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	91182	37.688	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	131038	45.626	ng	96
44) 2,4,5-Trichlorophenol	9.16	196	135176	45.336	ng	96
46) 1,1'-Biphenyl	9.30	154	570796	43.039	ng	97
47) 2-Chloronaphthalene	9.33	162	456741	43.482	ng	98
48) 2-Nitroaniline	9.42	65	133761	44.047	ng	95
49) Acenaphthylene	9.74	152	675051	42.514	ng	100
50) Dimethylphthalate	9.60	163	509655	42.237	ng	99
51) 2,6-Dinitrotoluene	9.66	165	97073	42.165	ng	92
52) Acenaphthene	9.92	154	416904	42.732	ng	99
53) 3-Nitroaniline	9.83	138	122973	42.623	ng	# 84
54) 2,4-Dinitrophenol	9.94	184	25299	36.511	ng	94
55) Dibenzofuran	10.09	168	595724	43.314	ng	99
56) 4-Nitrophenol	9.99	139	77541	39.197	ng	87
57) 2,4-Dinitrotoluene	10.06	165	127922	45.443	ng	98
58) Fluorene	10.43	166	477897	45.602	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	100479	46.693	ng	95
60) Diethylphthalate	10.29	149	500507	41.409	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	209183	45.583	ng	97
62) 4-Nitroaniline	10.44	138	121498	43.394	ng	94
63) Azobenzene	10.57	77	513539	40.746	ng	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	38003	39.453	ng	78
66) n-Nitrosodiphenylamine	10.53	169	405442	43.027	ng	97
67) 4-Bromophenyl-phenylether	10.90	248	122367	44.222	ng	98
68) Hexachlorobenzene	10.98	284	130790	45.176	ng	96
69) Atrazine	11.06	200	111089	42.094	ng	98
70) Pentachlorophenol	11.17	266	62411	44.563	ng	98
71) Phenanthrene	11.39	178	659327	43.483	ng	100
72) Anthracene	11.44	178	667091	43.705	ng	99
73) Carbazole	11.59	167	627008	43.124	ng	98
74) Di-n-butylphthalate	11.92	149	771963	41.416	ng	100
75) Fluoranthene	12.57	202	652364	43.779	ng	98
77) Benzidine	12.69	184	265831	38.391	ng	99
78) Pyrene	12.80	202	655856	41.792	ng	99
80) Butylbenzylphthalate	13.41	149	305968	40.092	ng	95
81) Benzo(a)anthracene	13.99	228	495964	44.389	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	153658	40.694	ng	97
83) Chrysene	14.02	228	478885	41.602	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	379874	40.324	ng	98
85) Di-n-octyl phthalate	14.57	149	593898	38.524	ng	# 94
86) Indeno(1,2,3-cd)pyrene	16.91	276	372305	40.267	ng	97
88) Benzo(b)fluoranthene	15.03	252	381253	40.562	ng	100
89) Benzo(k)fluoranthene	15.06	252	383062	44.698	ng	99
90) Benzo(a)pyrene	15.39	252	343511	42.007	ng	98
91) Dibenzo(a,h)anthracene	16.92	278	302776	42.300	ng	98
92) Benzo(g,h,i)perylene	17.34	276	305525	41.852	ng	95

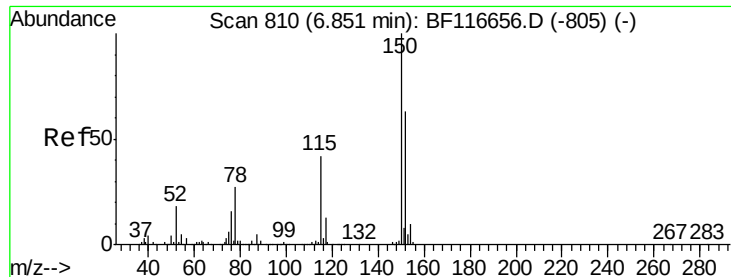
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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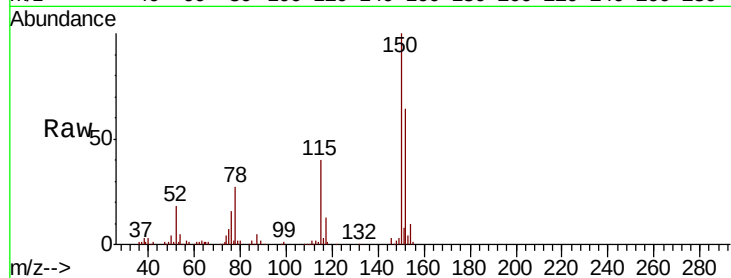


#1

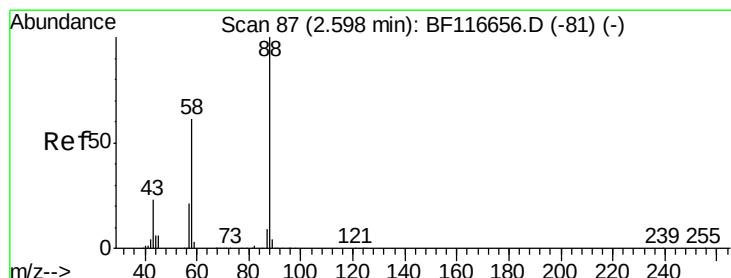
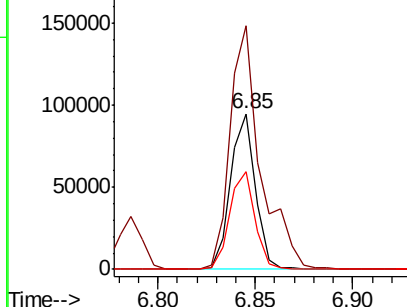
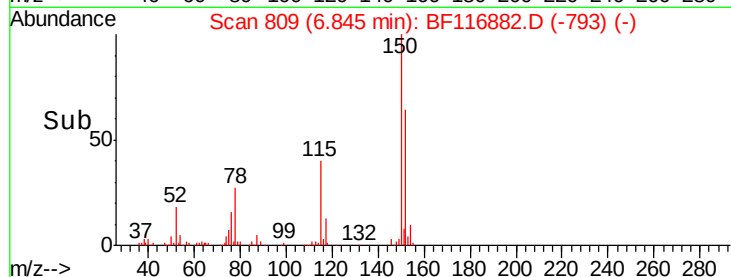
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 83783
Ion Ratio Lower Upper
152 100
150 156.1 124.4 186.6
115 62.5 49.9 74.9



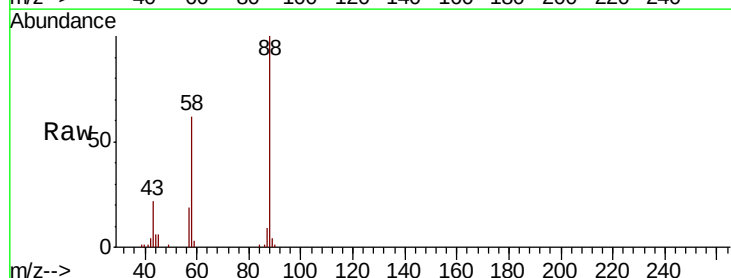
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



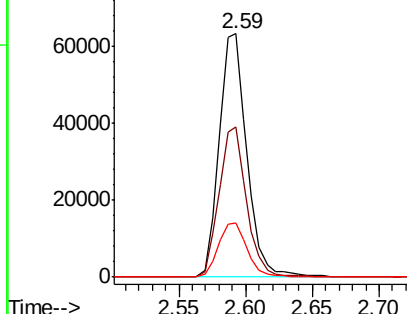
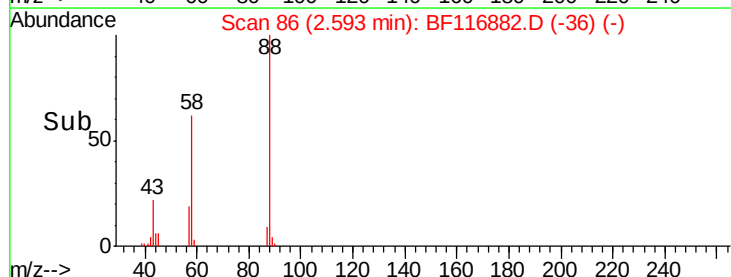
#2

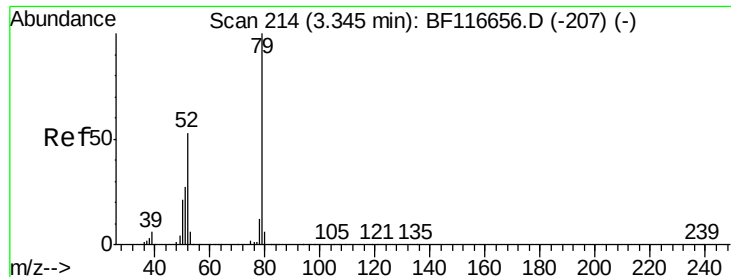
1,4-Dioxane
Concen: 38.877 ng
RT: 2.59 min Scan# 86
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion: 88 Resp: 92813
Ion Ratio Lower Upper
88 100
58 61.2 51.7 77.5
43 23.0 19.8 29.8



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





#3

Pvridine

Concen: 37.170 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

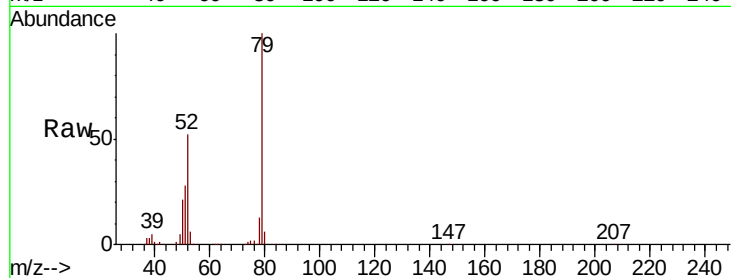
Tot Ion: 79 Resp: 256927

Ion Ratio Lower Upper

79 100

52 51.5 47.4 71.0

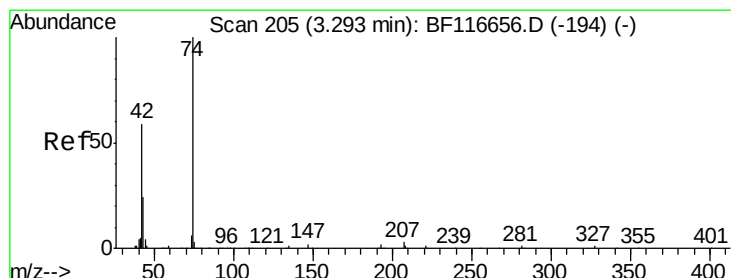
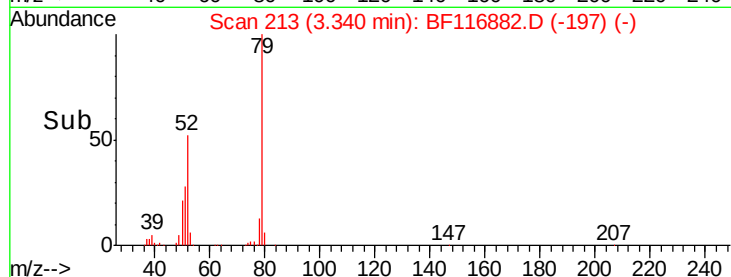
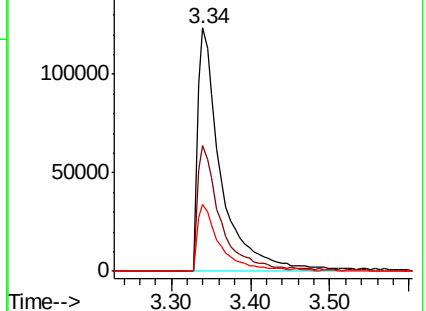
51 27.6 24.1 36.1



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: 34.906 ng

RT: 3.29 min Scan# 204

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

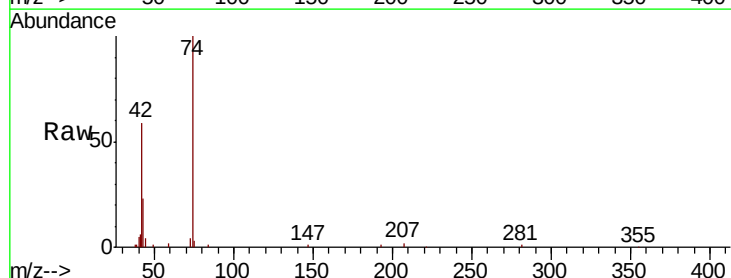
Tgt Ion: 42 Resp: 82853

Ion Ratio Lower Upper

42 100

74 169.8 115.6 173.4

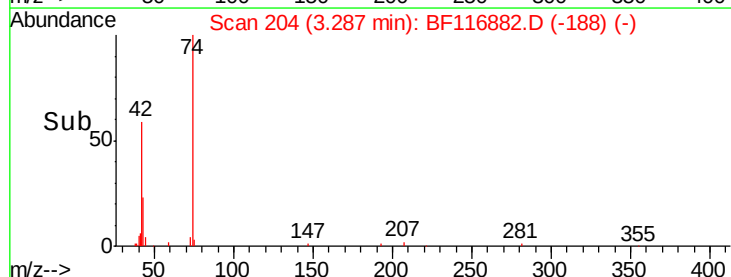
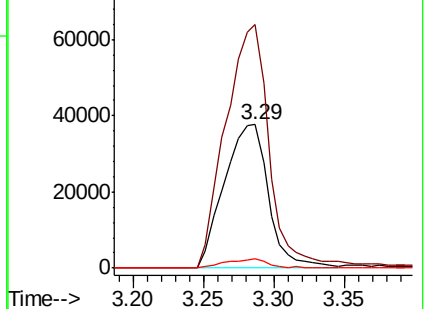
44 6.4 4.6 7.0

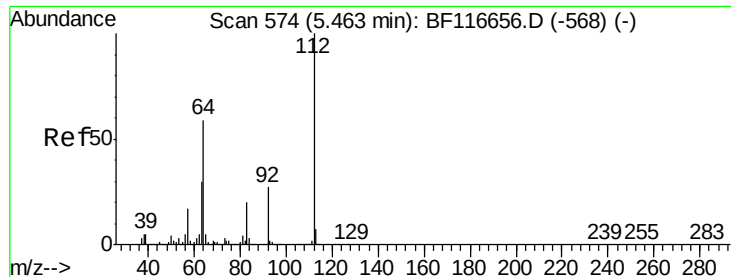


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.744 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

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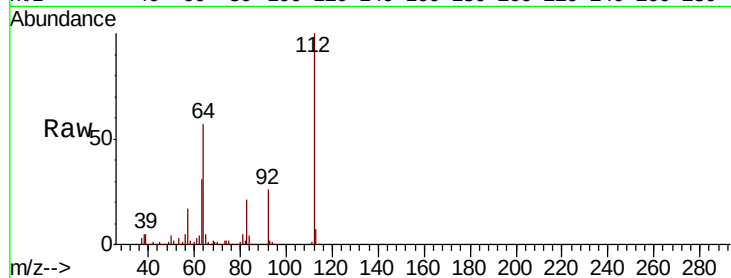
Tot Ion:112 Resp: 443433

Ion Ratio Lower Upper

112 100

64 56.5 47.1 70.7

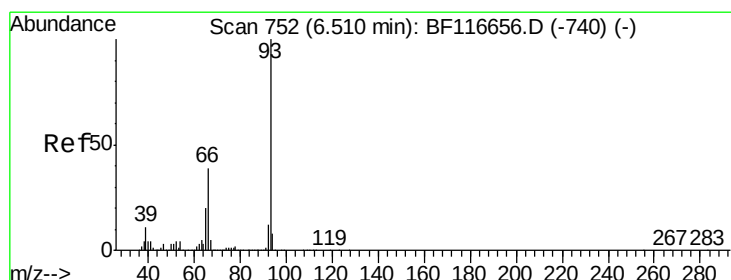
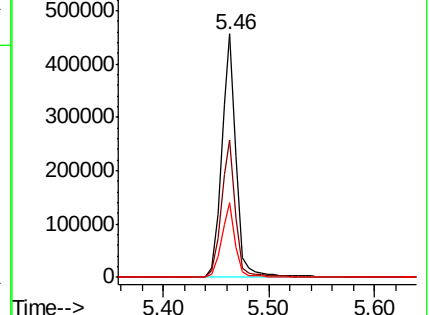
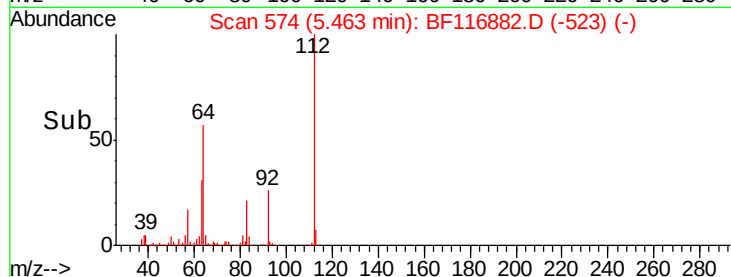
63 30.9 24.9 37.3



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: 40.231 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

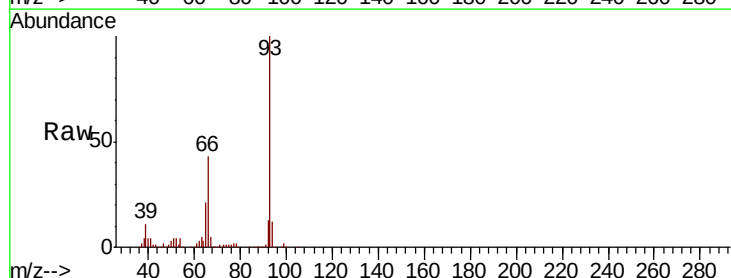
Tgt Ion: 93 Resp: 378397

Ion Ratio Lower Upper

93 100

66 42.6 32.7 49.1

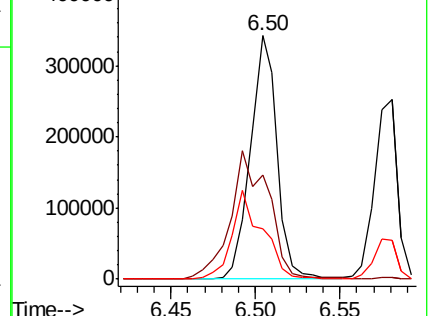
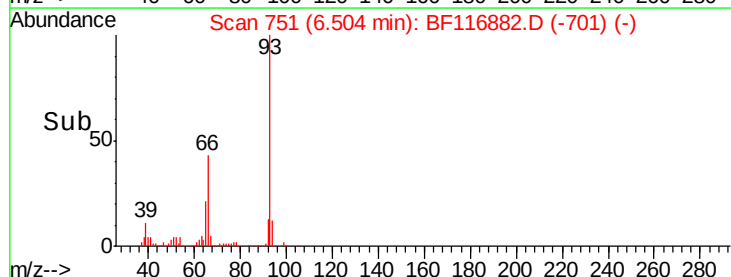
65 20.5 16.3 24.5

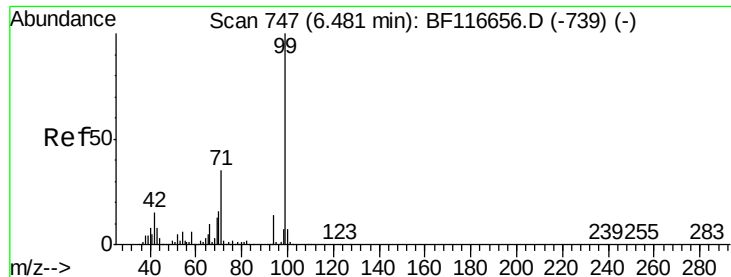


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.199 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

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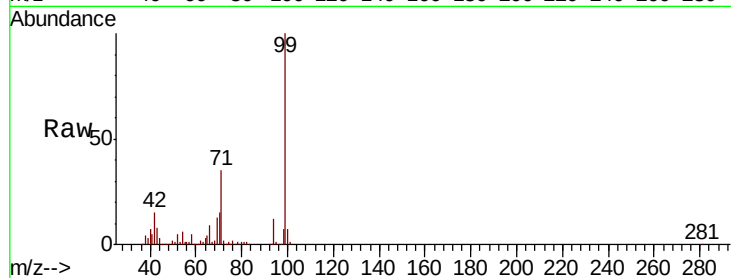
Tot Ion: 99 Resp: 578579

Ion Ratio Lower Upper

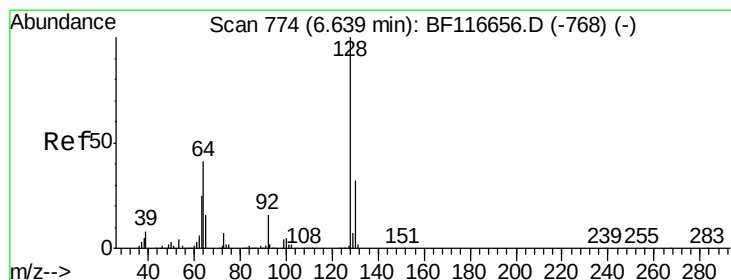
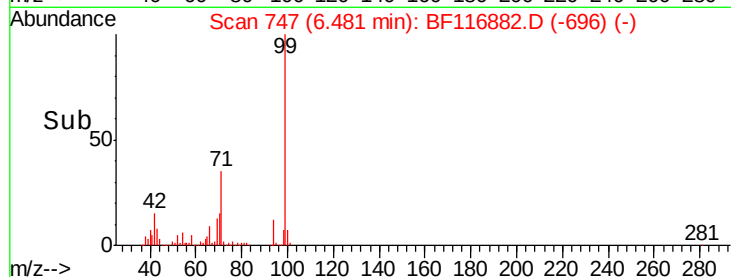
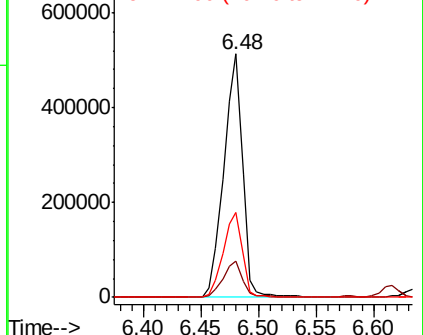
99 100

42 14.7 13.7 20.5

71 34.9 30.8 46.2



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: 43.017 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

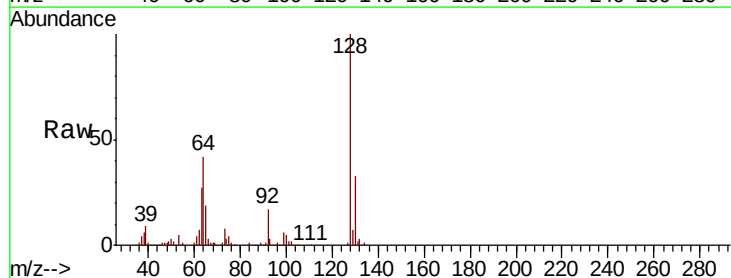
Tgt Ion: 128 Resp: 242855

Ion Ratio Lower Upper

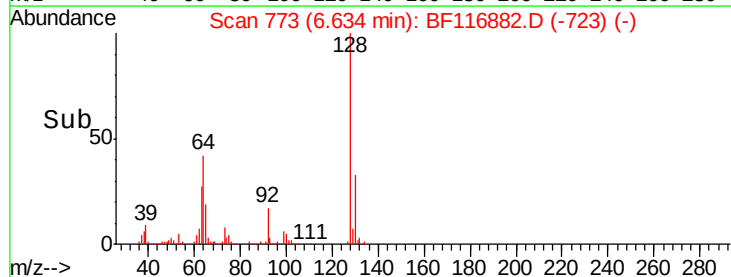
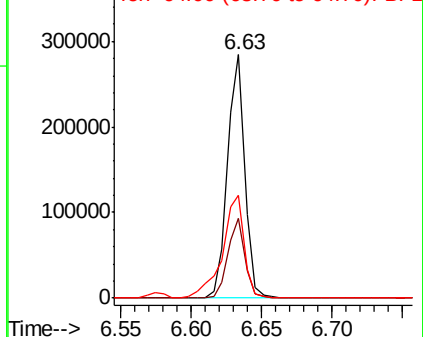
128 100

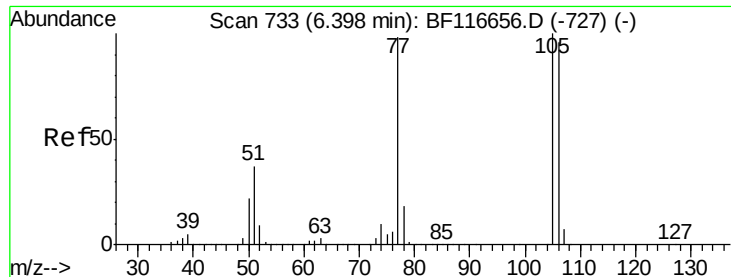
130 32.8 12.3 52.3

64 42.5 22.5 62.5



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: 37.345 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

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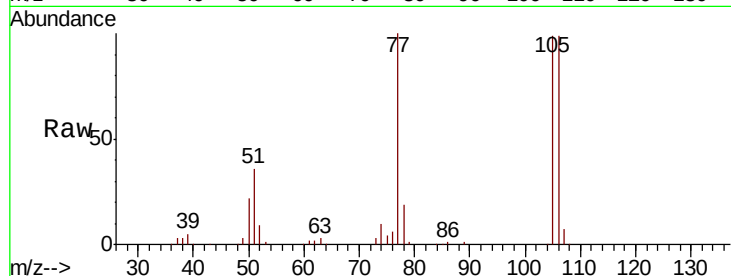
Tot Ion: 77 Resp: 167078

Ion Ratio Lower Upper

77 100

105 98.9 76.7 116.7

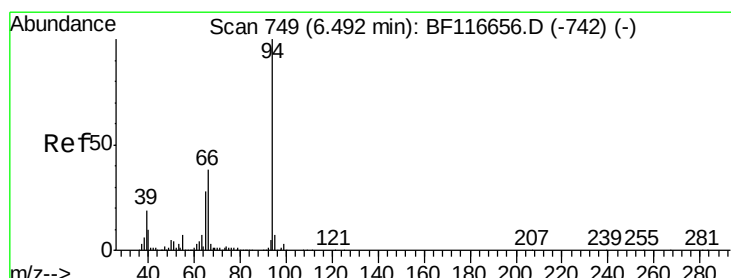
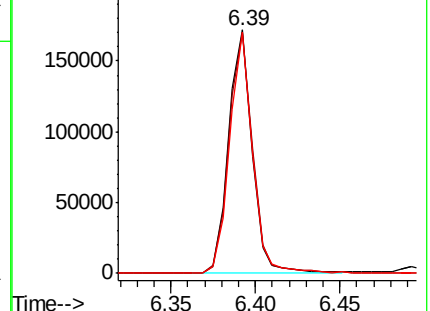
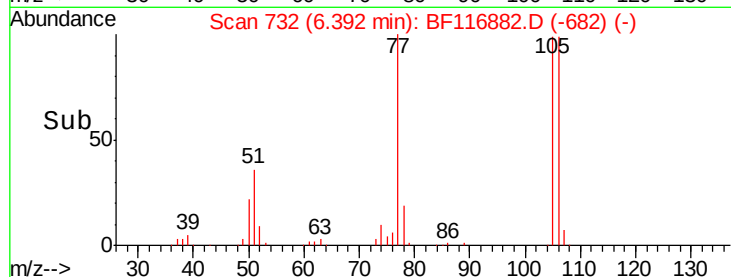
106 99.2 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.174 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

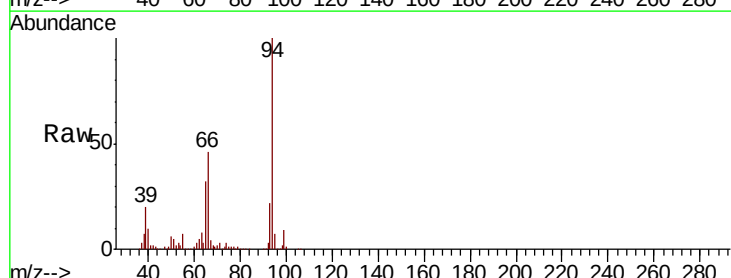
Tgt Ion: 94 Resp: 317133

Ion Ratio Lower Upper

94 100

65 32.1 10.8 50.8

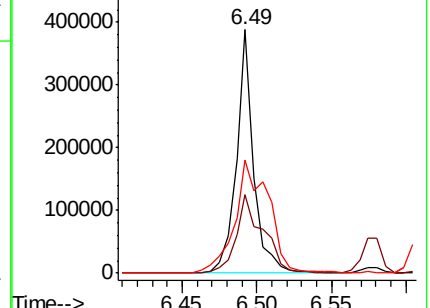
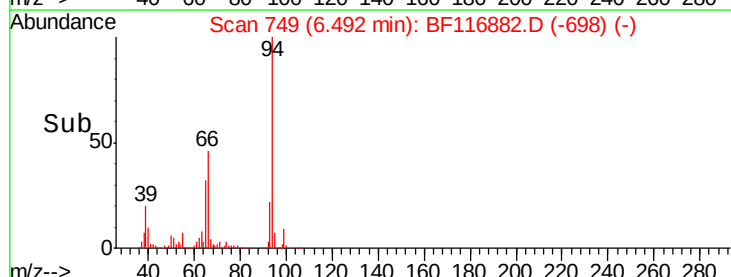
66 46.4 21.1 61.1

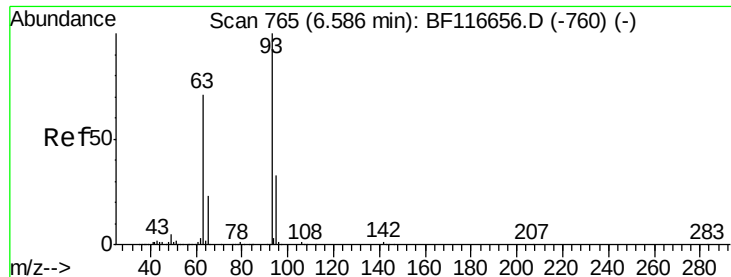


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

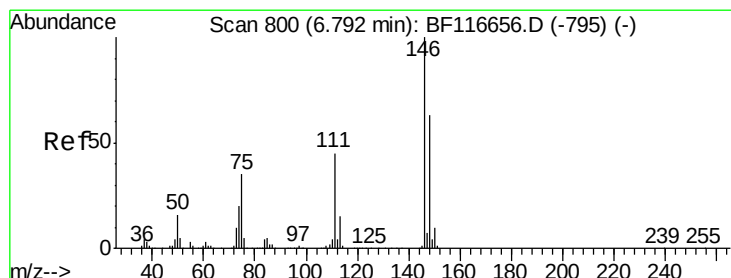
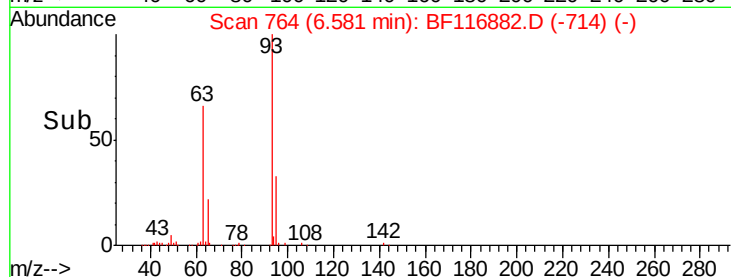
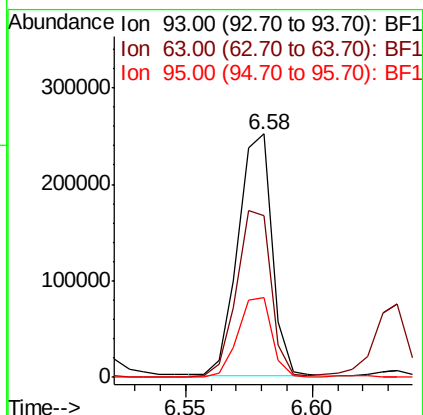
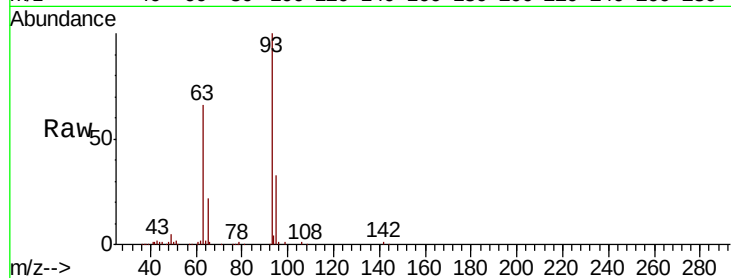




#11
 bis(2-Chloroethyl)ether
 Concen: 40.187 ng
 RT: 6.58 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF116882.D
 Acq: 8 Sep 2019 21:11

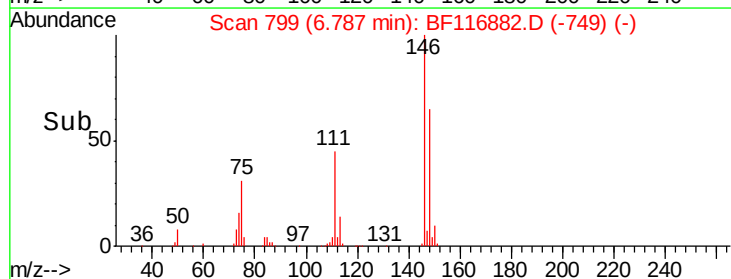
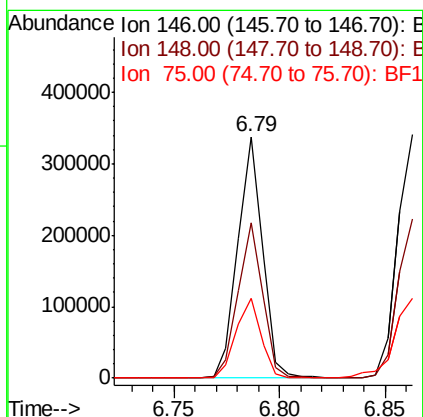
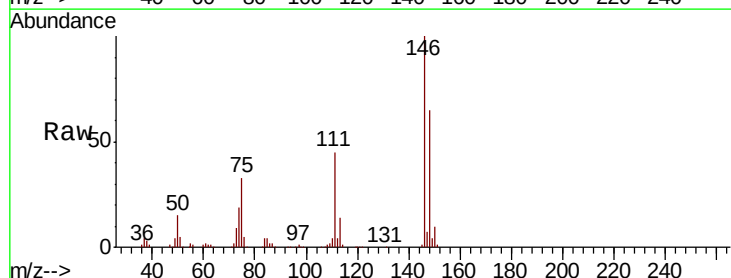
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

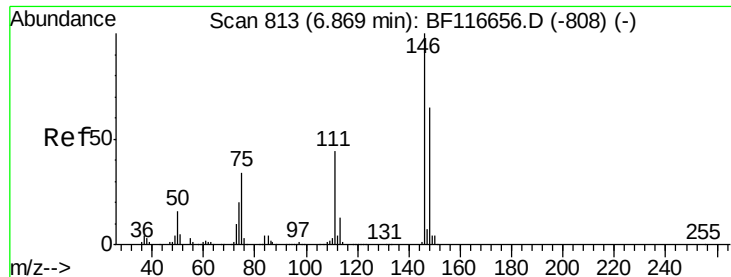
Tot Ion:	93	Resp:	235302
Ion	Ratio	Lower	Upper
93	100		
63	66.3	49.9	89.9
95	32.6	12.7	52.7



#12
 1,3-Dichlorobenzene
 Concen: 43.113 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF116882.D
 Acq: 8 Sep 2019 21:11

Tgt Ion:	146	Resp:	275090
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
75	32.9	29.6	44.4

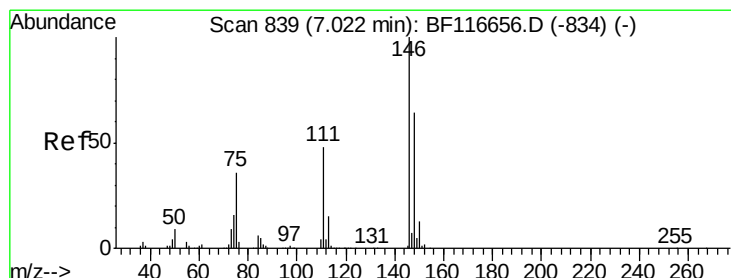
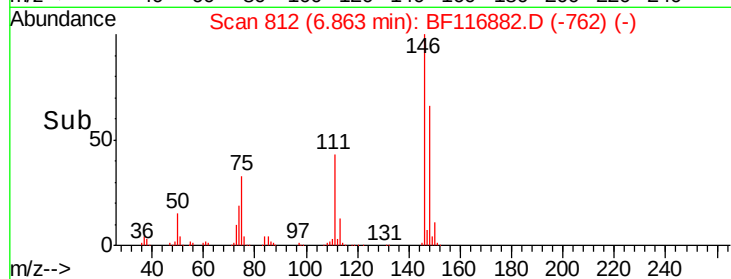
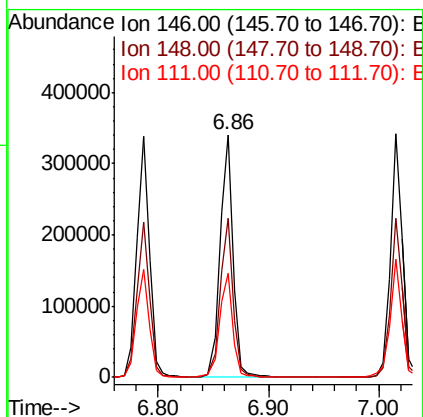
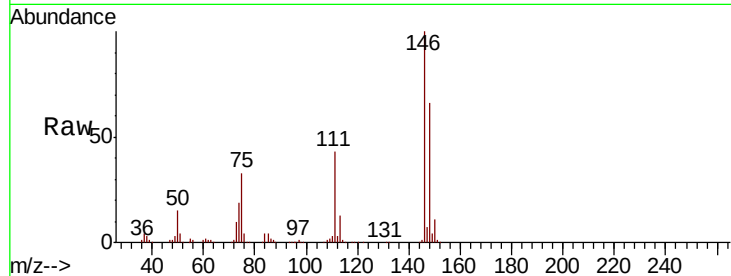




#13
 1,4-Dichlorobenzene
 Concen: 44.145 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF116882.D
 Acq: 8 Sep 2019 21:11

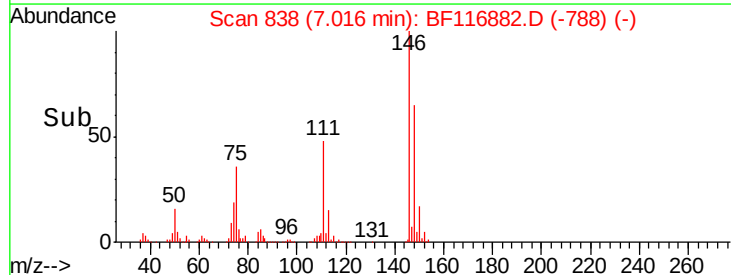
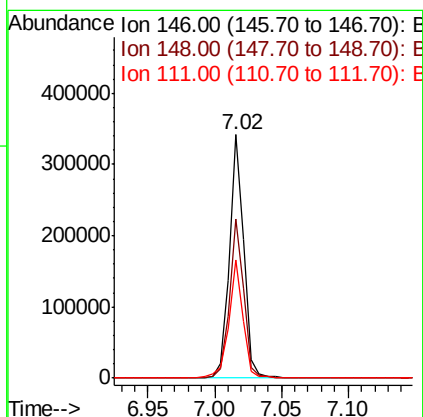
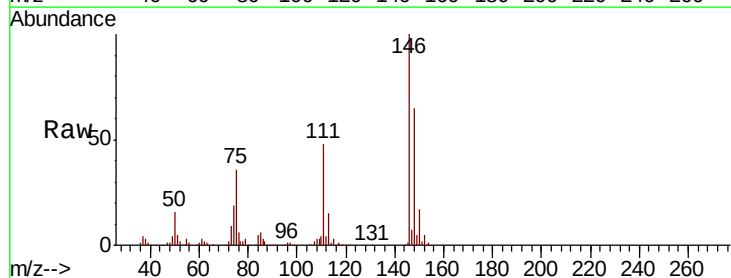
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

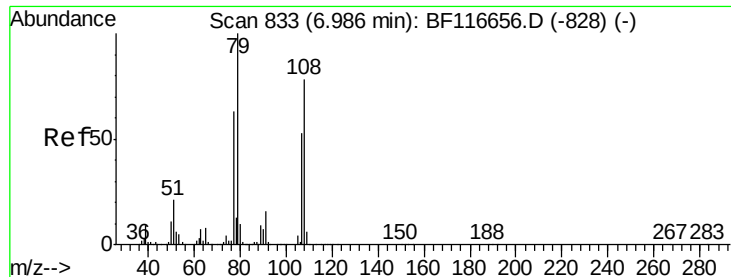
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.4	77.2
111	42.9	34.8	52.2



#14
 1,2-Dichlorobenzene
 Concen: 44.224 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF116882.D
 Acq: 8 Sep 2019 21:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.6	78.8
111	48.4	34.2	51.4





#15

Benzyl Alcohol

Concen: 40.279 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

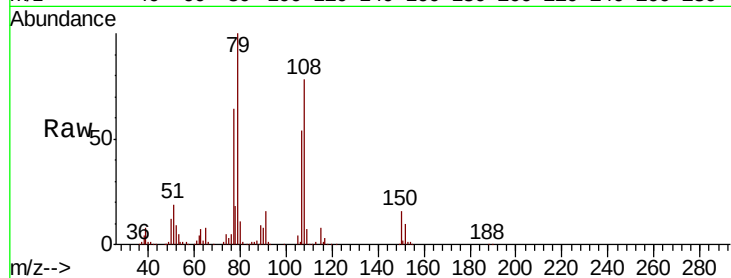
Tot Ion: 79 Resp: 222033

Ion Ratio Lower Upper

79 100

108 78.2 59.2 88.8

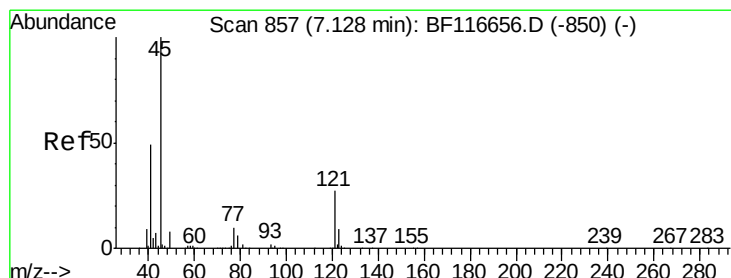
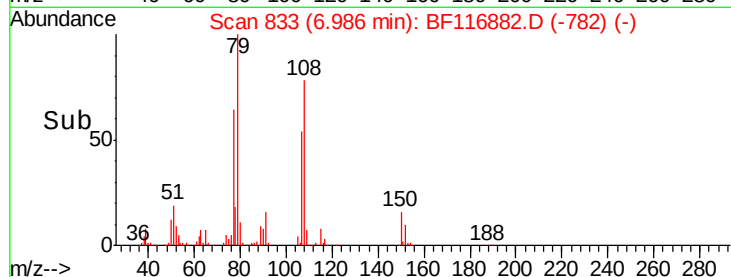
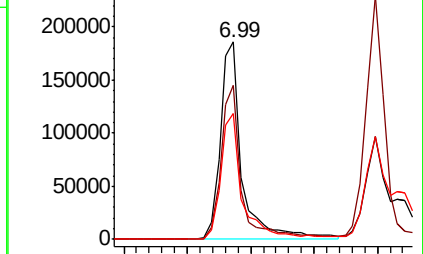
77 63.5 53.0 79.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.569 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

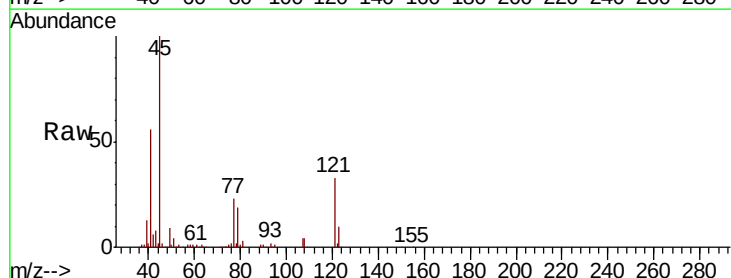
Tgt Ion: 45 Resp: 244349

Ion Ratio Lower Upper

45 100

77 22.7 0.0 38.2

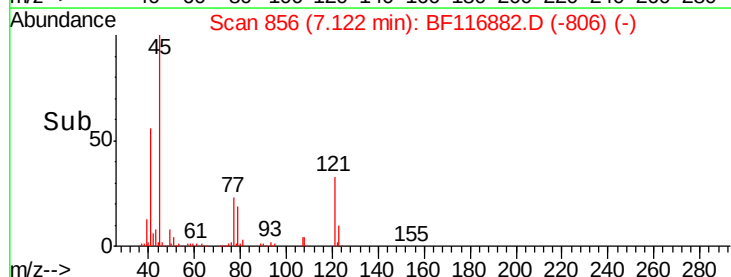
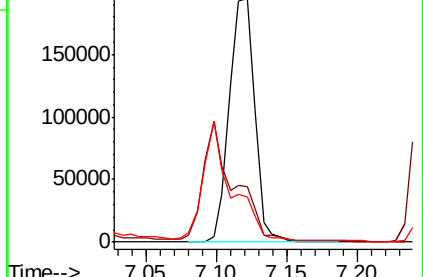
79 18.7 0.0 33.9

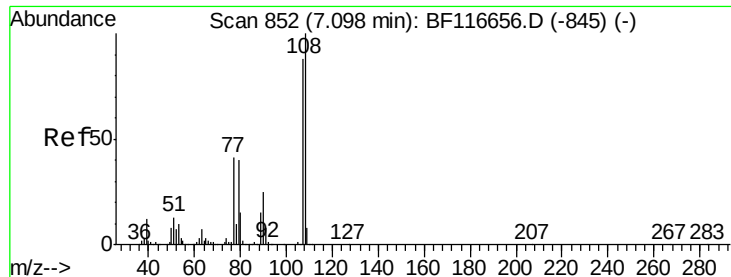


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.357 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 204390

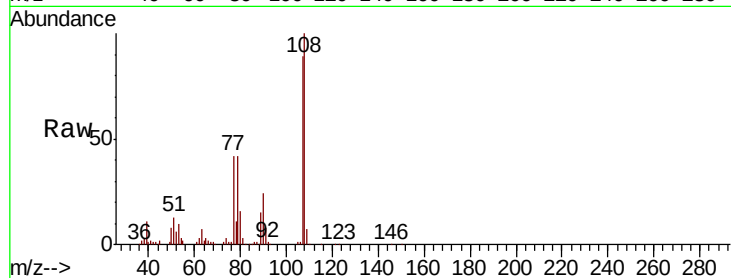
Ion Ratio Lower Upper

107 100

108 111.9 88.3 132.5

77 47.2 39.9 59.9

79 47.3 39.8 59.8

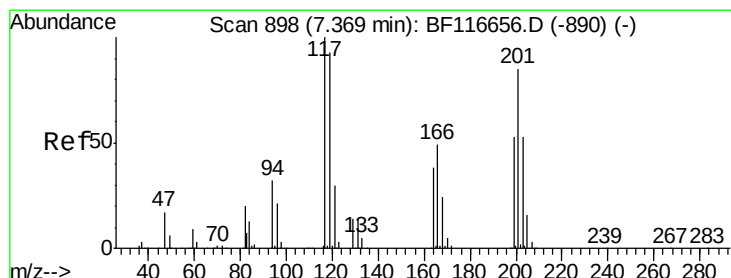
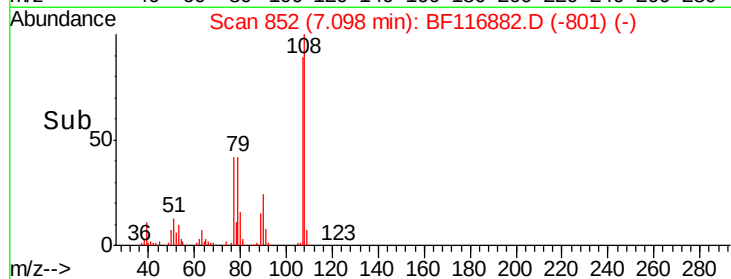
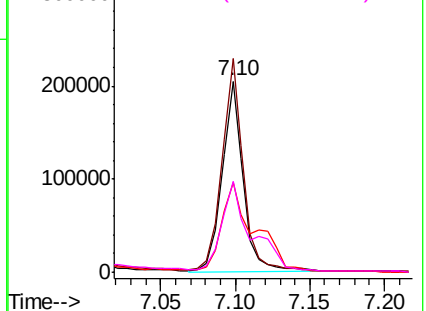


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 43.097 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

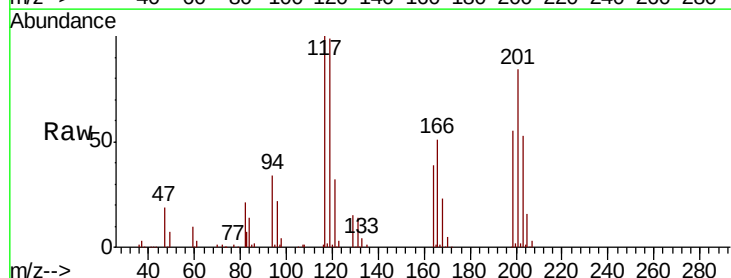
Tgt Ion:117 Resp: 106364

Ion Ratio Lower Upper

117 100

119 99.3 76.9 115.3

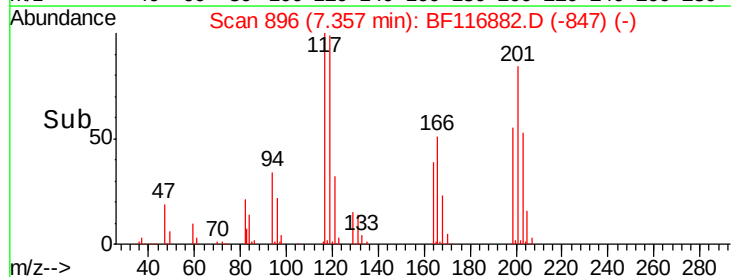
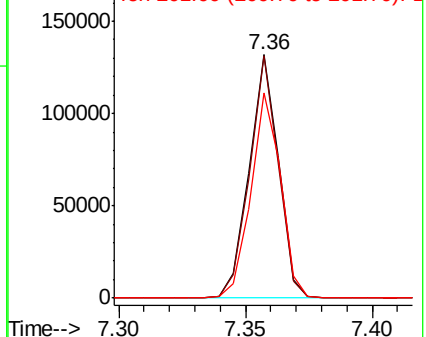
201 84.1 79.4 119.0

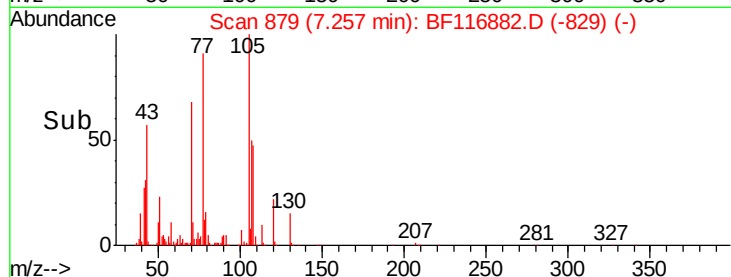
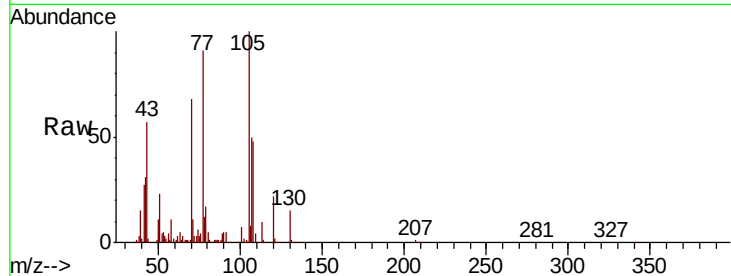
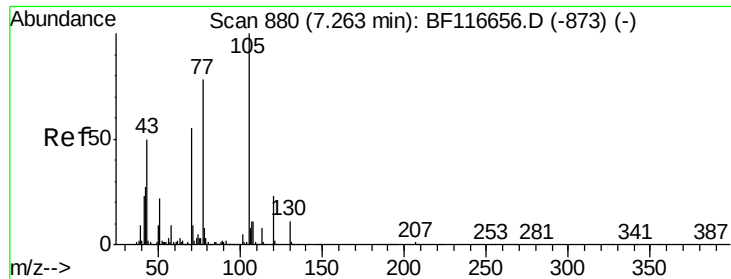


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

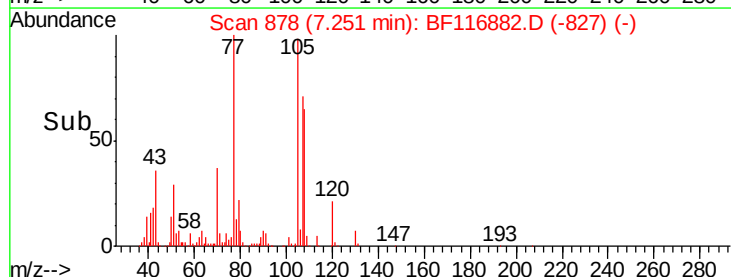
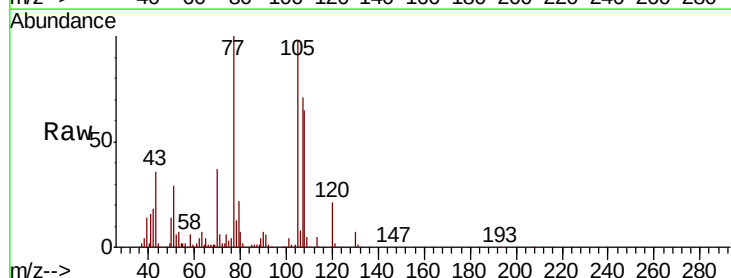
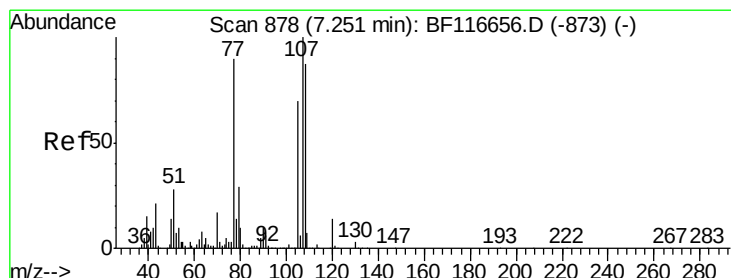
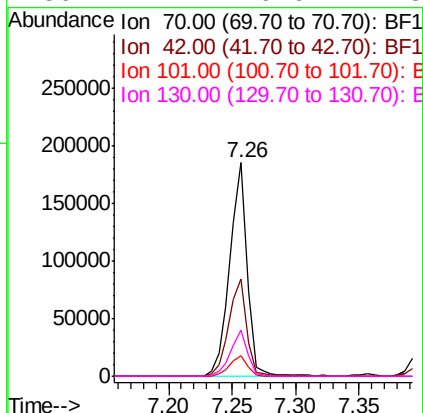




#19
n-Nitroso-di-n-propylamine
Concen: 39.531 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

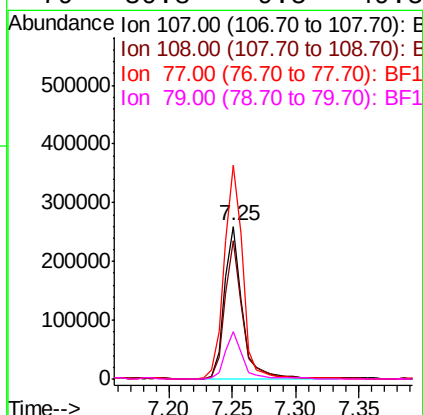
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

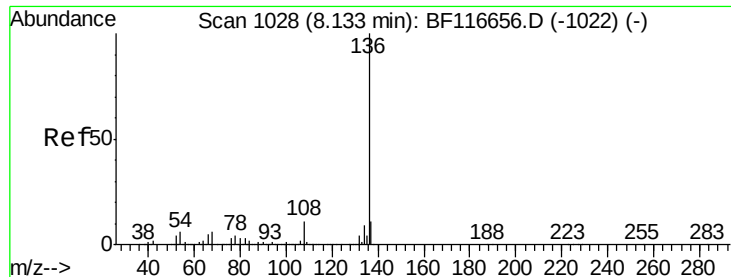
Tot Ion:	70	Resp:	176755
Ion	Ratio	Lower	Upper
70	100		
42	45.5	43.5	65.3
101	9.7	7.8	11.6
130	21.4	16.6	24.8



#20
3+4-Methylphenols
Concen: 43.923 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion:	107	Resp:	252394
Ion	Ratio	Lower	Upper
107	100		
108	90.5	65.5	105.5
77	140.0	69.4	109.4#
79	30.8	9.5	49.5

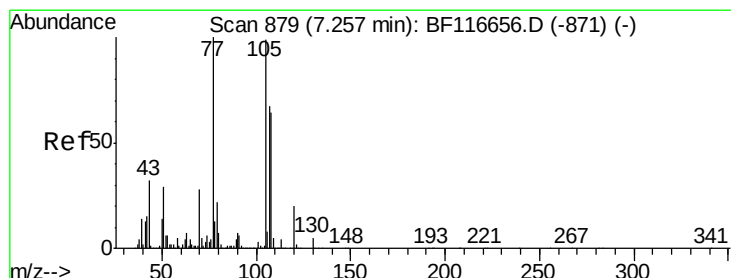
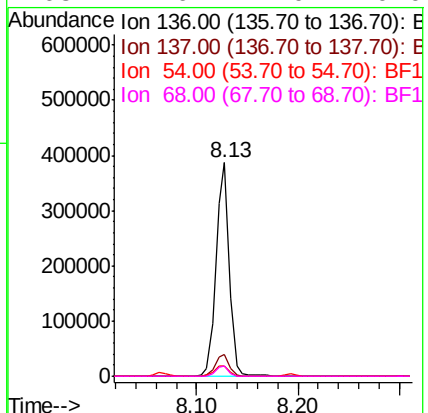
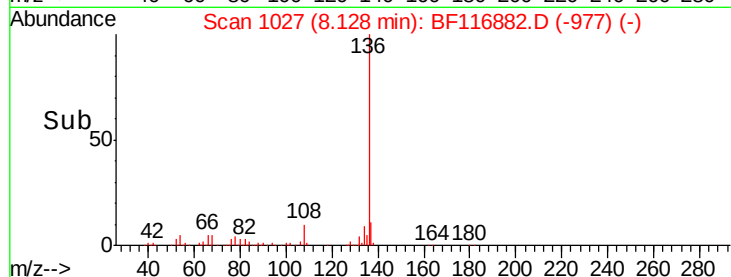
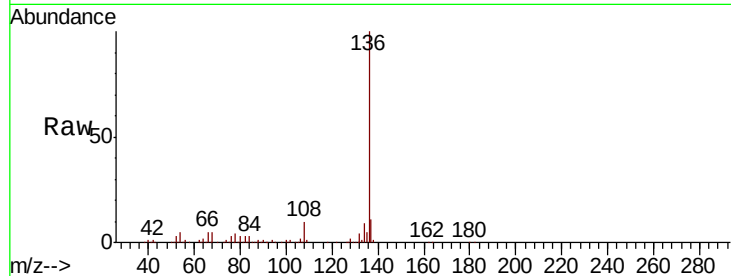




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

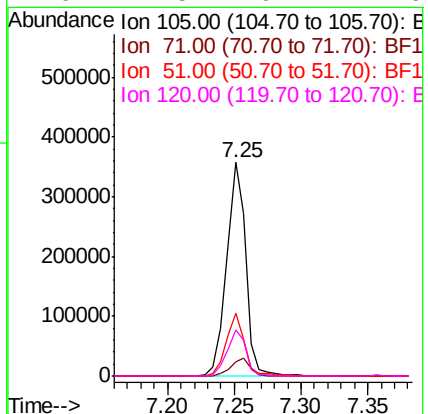
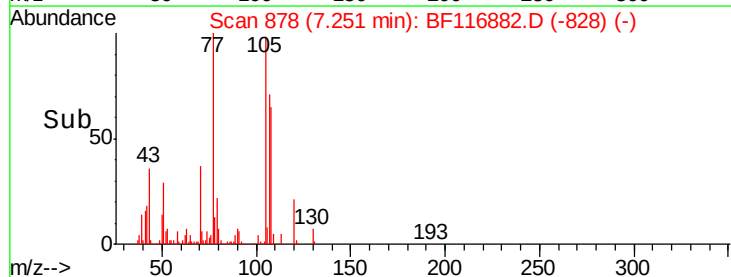
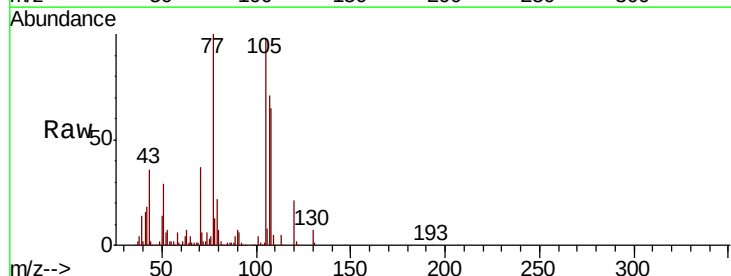
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

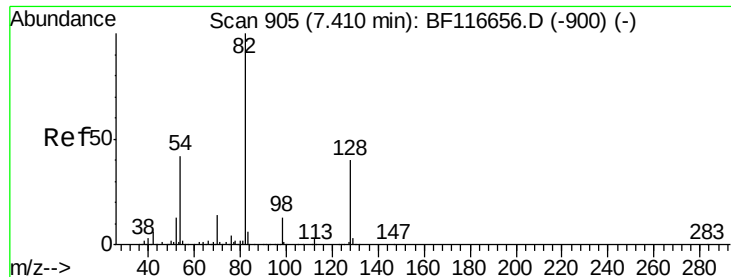
Tot Ion:136	Resp:	349661
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.9	13.3
54 4.8	4.8	7.2
68 4.6	4.0	6.0



#22
Acetophenone
Concen: 43.296 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt	Ion:105	Resp:	364468
Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.2	6.4
51	29.6	25.8	38.8
120	21.5	16.4	24.6

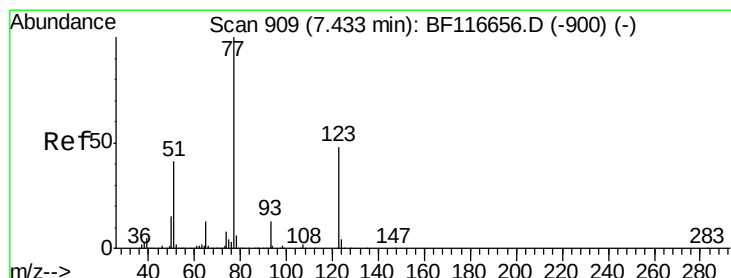
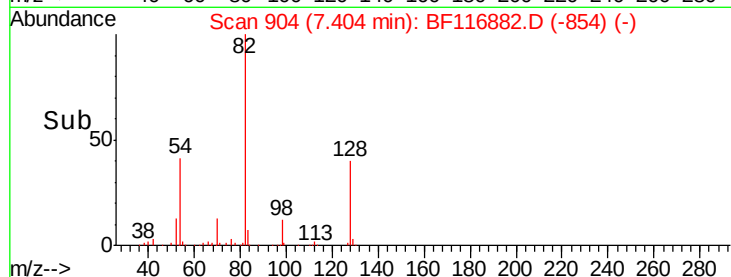
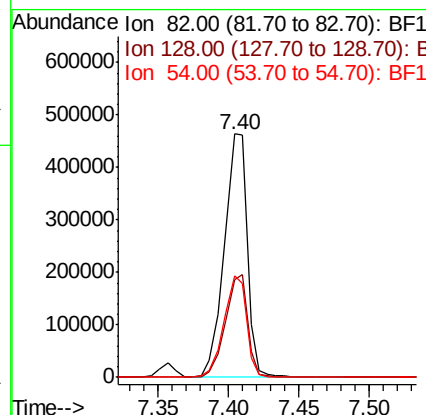
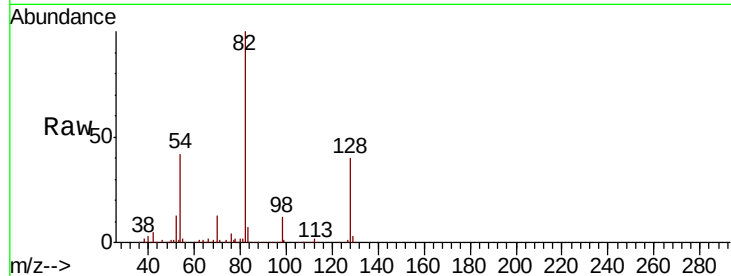




#23
Nitrobenzene-d5
Concen: 86.233 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

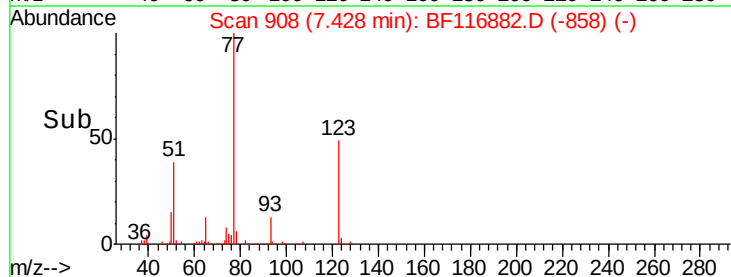
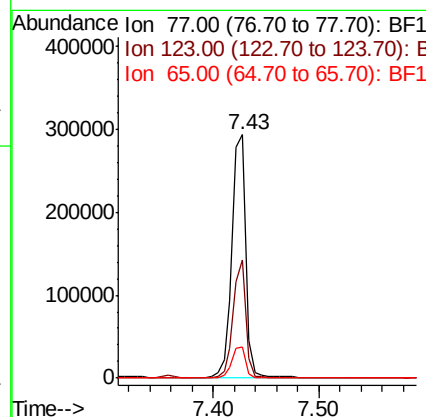
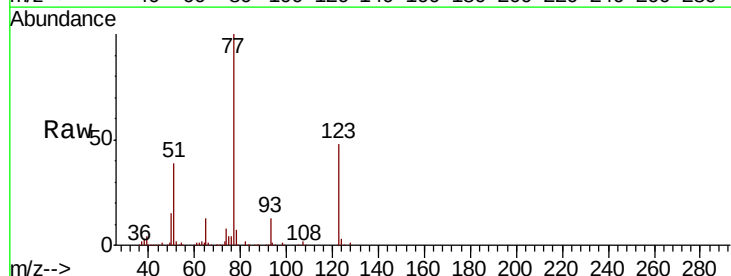
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

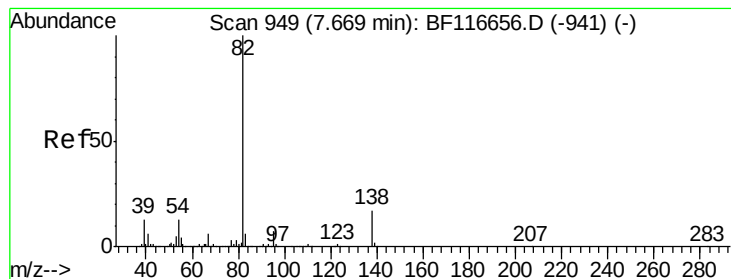
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.8	49.2
54	41.6	36.9	55.3



#24
Nitrobenzene
Concen: 42.733 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	33.1	49.7
65	12.8	10.6	15.8





#25

Isophorone

Concen: 39.097 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

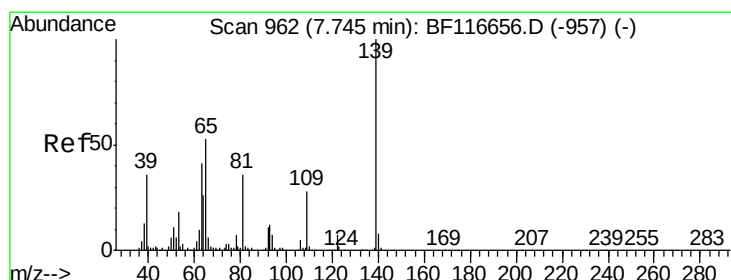
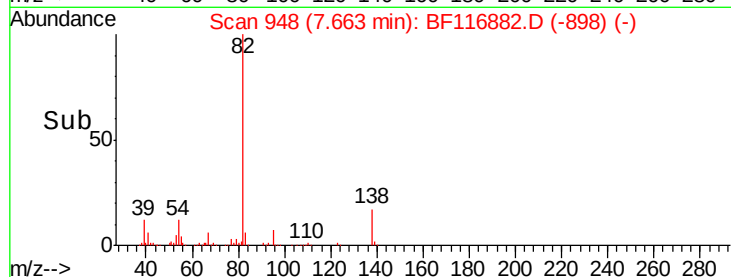
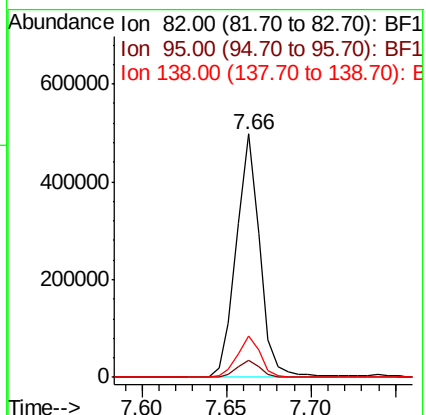
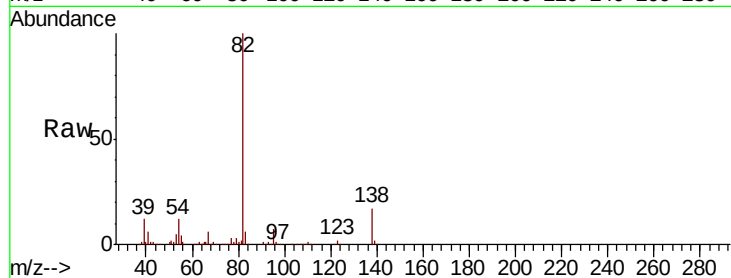
Tot Ion: 82 Resp: 485248

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 16.8 13.5 20.3



#26

2-Nitrophenol

Concen: 46.708 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

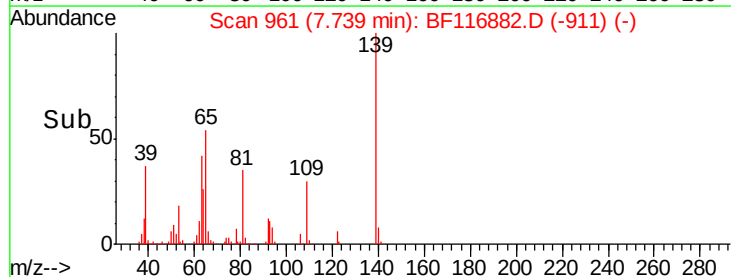
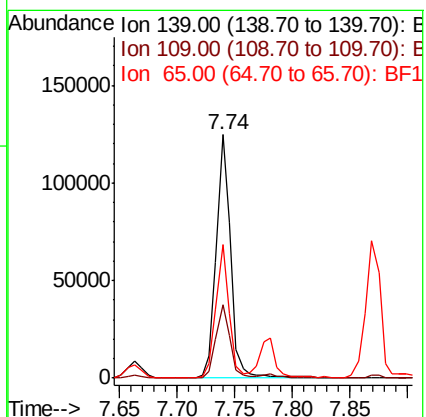
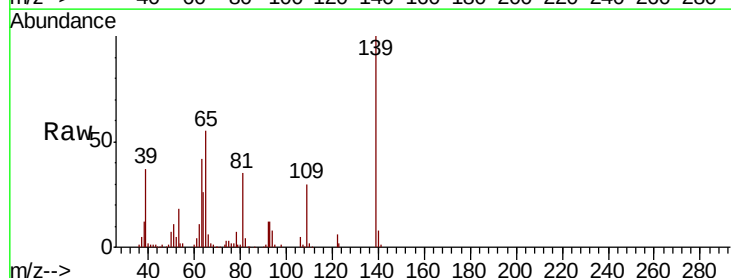
Tgt Ion: 139 Resp: 108174

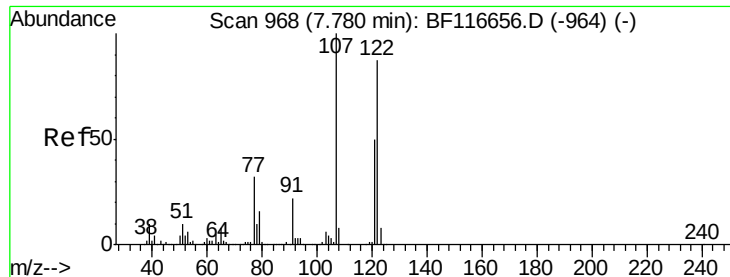
Ion Ratio Lower Upper

139 100

109 30.3 27.1 40.7

65 54.9 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 39.701 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

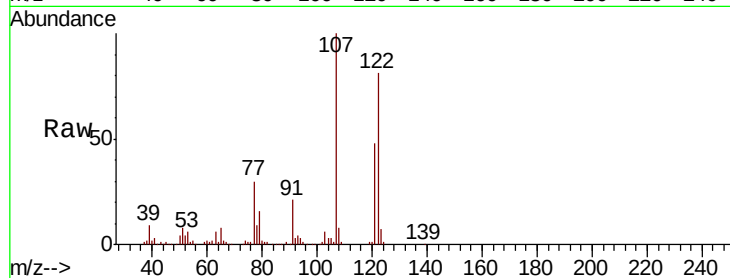
Tot Ion:122 Resp: 185693

Ion Ratio Lower Upper

122 100

107 123.7 98.1 147.1

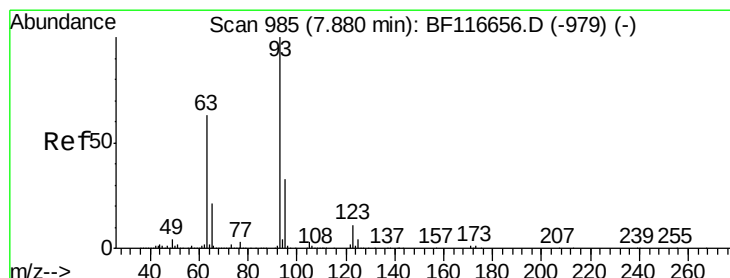
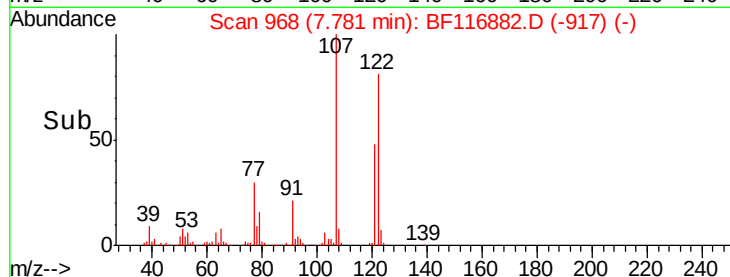
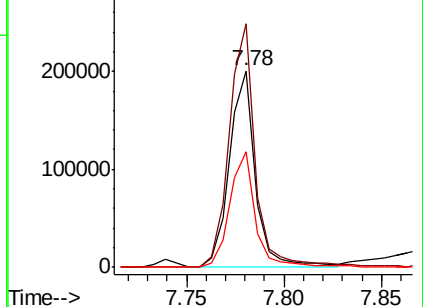
121 59.0 47.3 70.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.413 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

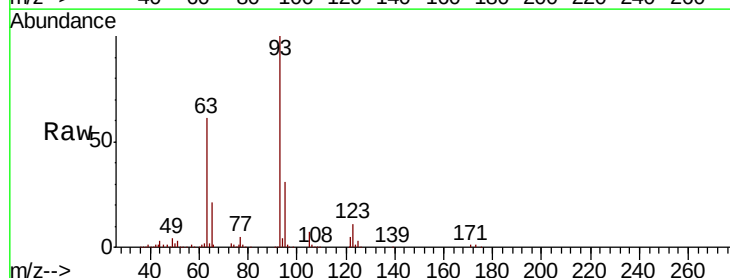
Tgt Ion: 93 Resp: 306513

Ion Ratio Lower Upper

93 100

95 30.8 26.4 39.6

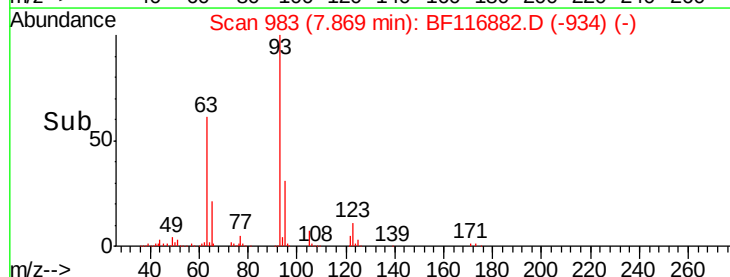
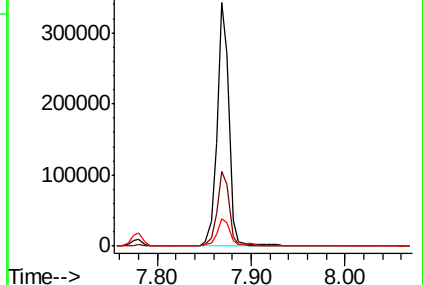
123 11.1 9.8 14.8

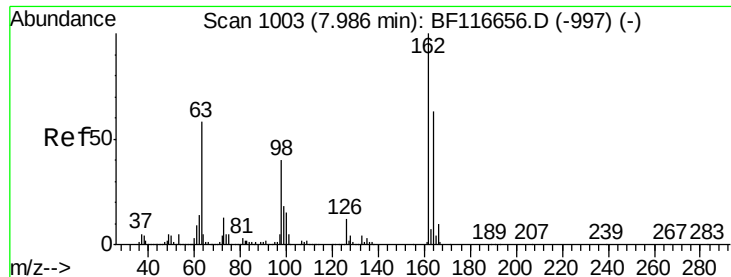


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

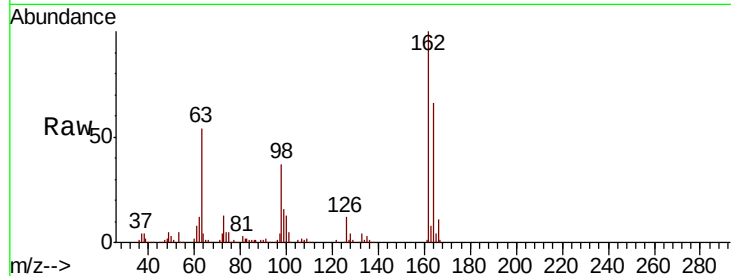




#29
 2,4-Dichlorophenol
 Concen: 43.678 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF116882.D
 Acq: 8 Sep 2019 21:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	43.4	83.4
98	37.3	18.1	58.1

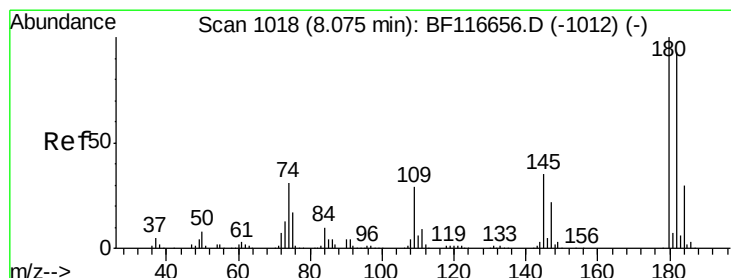
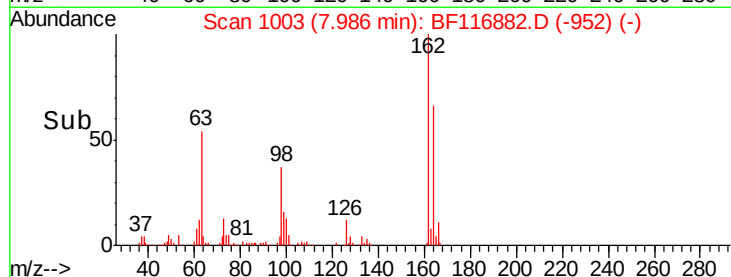
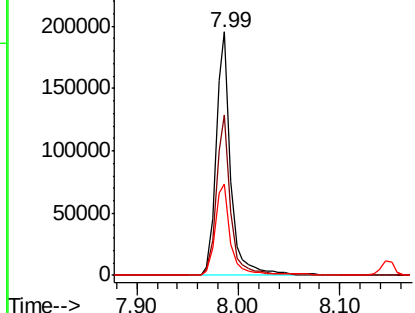


Abundance

Ion 162.00 (161.70 to 162.70): E

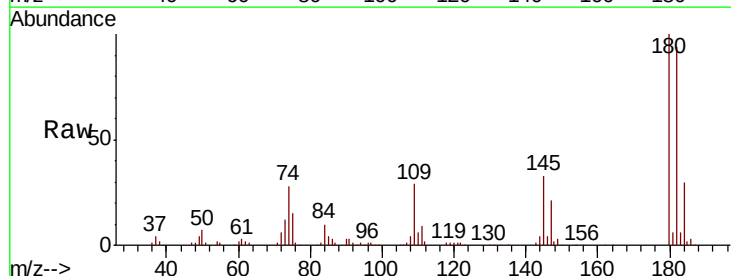
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.621 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF116882.D
 Acq: 8 Sep 2019 21:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	78.6	118.0
145	33.4	25.7	38.5

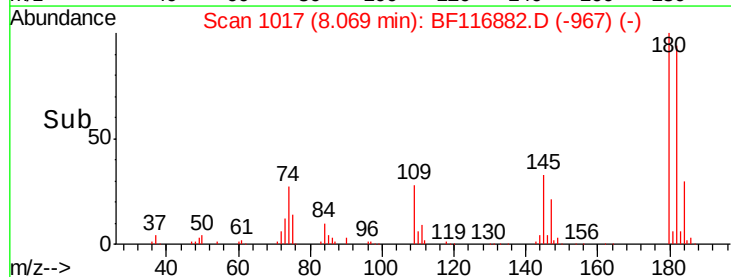
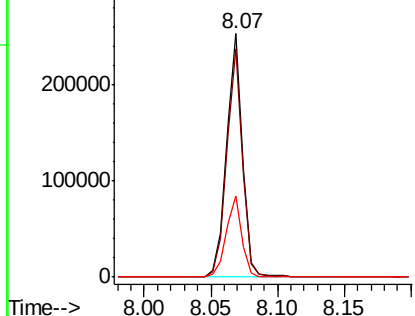


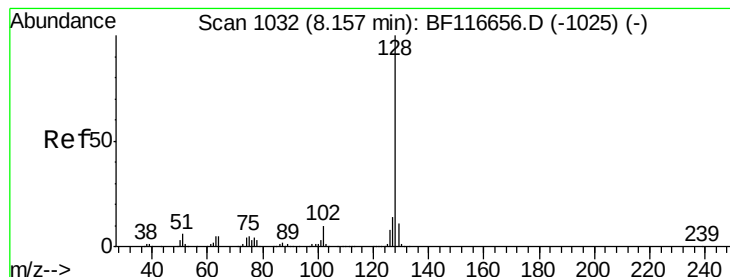
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.062 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

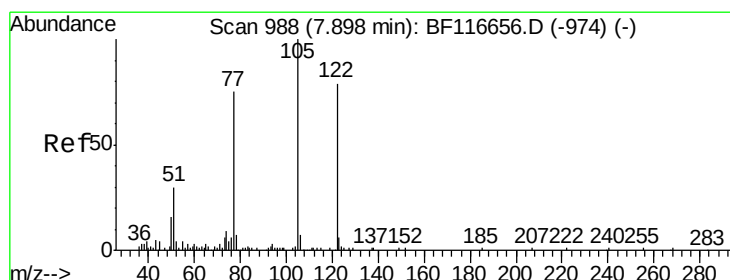
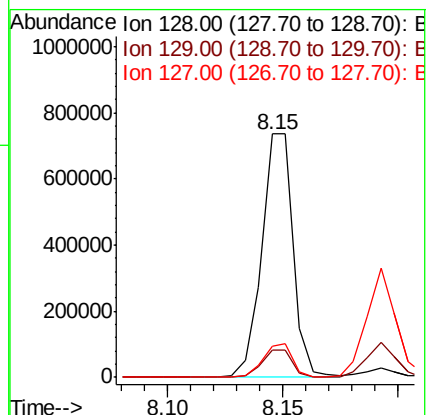
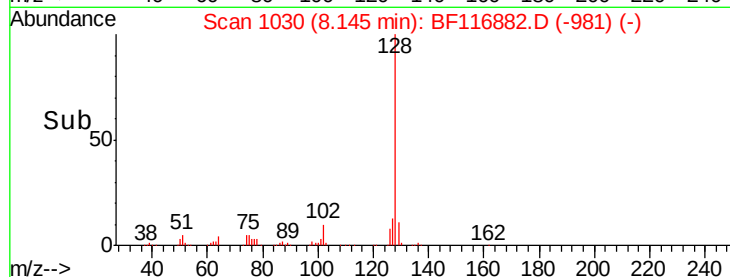
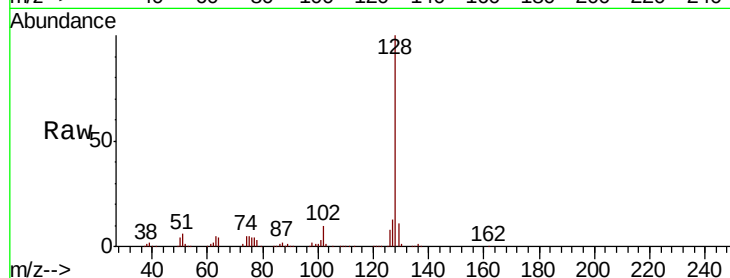
Tot Ion:128 Resp: 699350

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 38.741 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

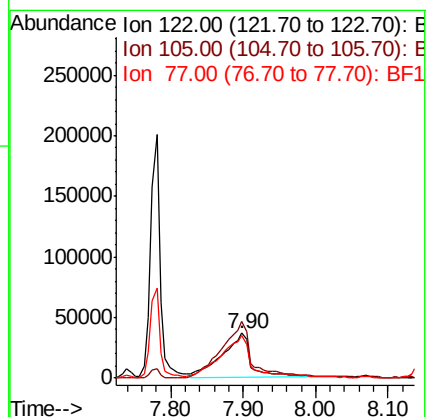
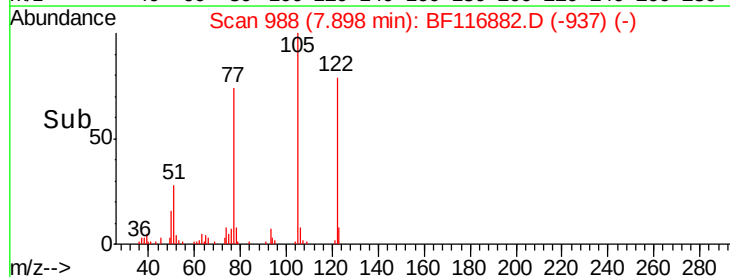
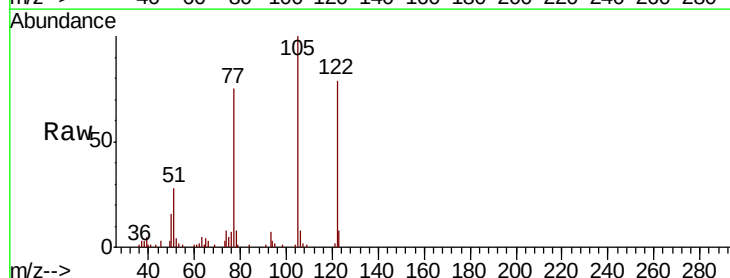
Tgt Ion:122 Resp: 102314

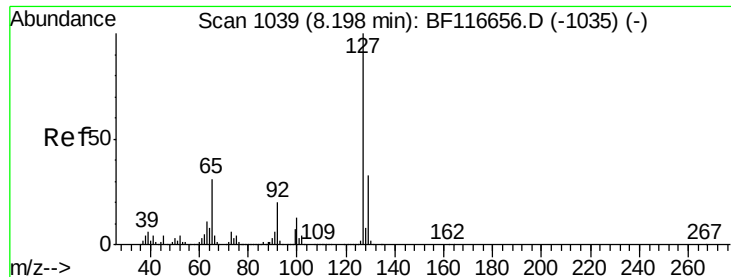
Ion Ratio Lower Upper

122 100

105 126.5 110.0 150.0

77 94.9 81.7 121.7

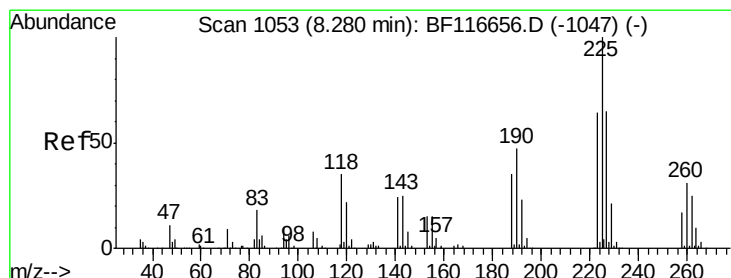
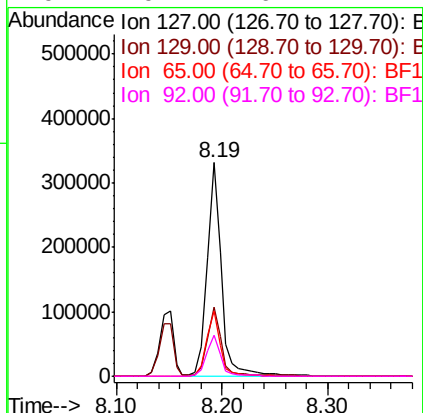
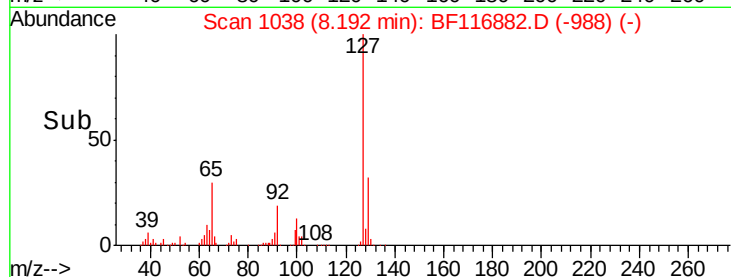
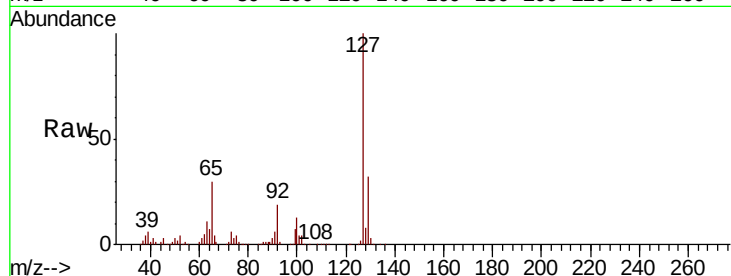




#33
4-Chloroaniline
Concen: 40.965 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

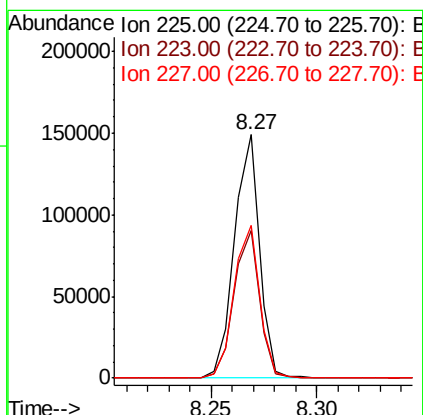
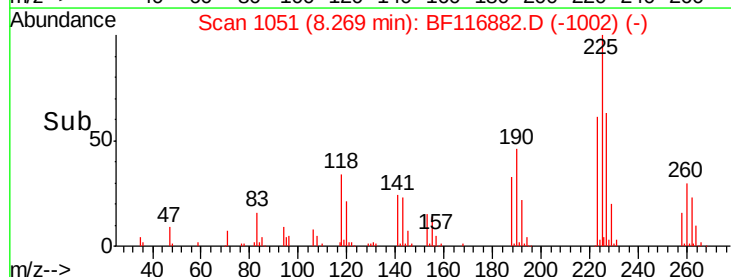
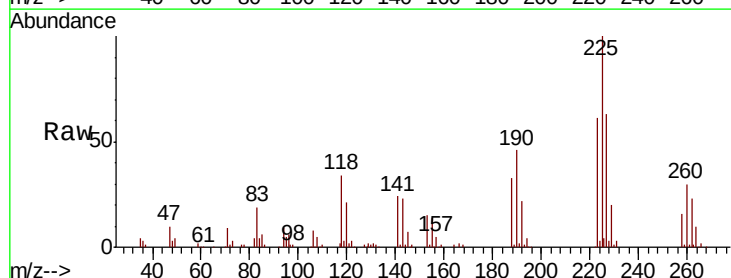
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

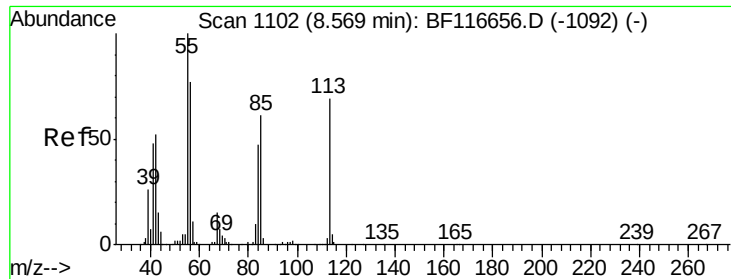
Tot Ion:127	Resp:	310046
Ion	Ratio	Lower Upper
127	100	
129	32.5	26.2 39.2
65	30.4	26.0 39.0
92	19.4	16.1 24.1



#34
Hexachlorobutadiene
Concen: 45.761 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion:225	Resp:	121648
Ion	Ratio	Lower Upper
225	100	
223	60.6	49.4 74.2
227	62.8	51.0 76.4

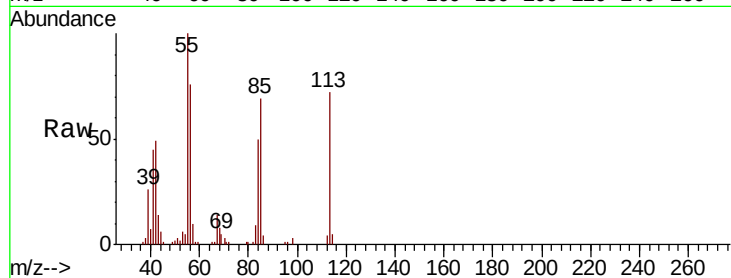




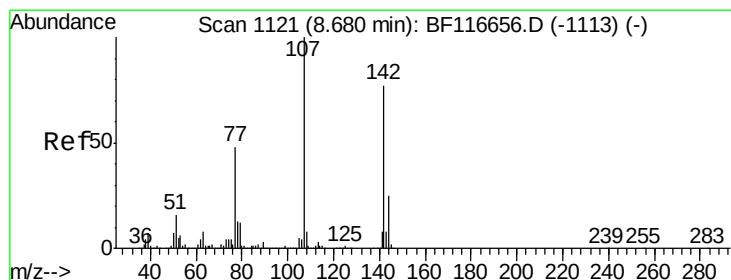
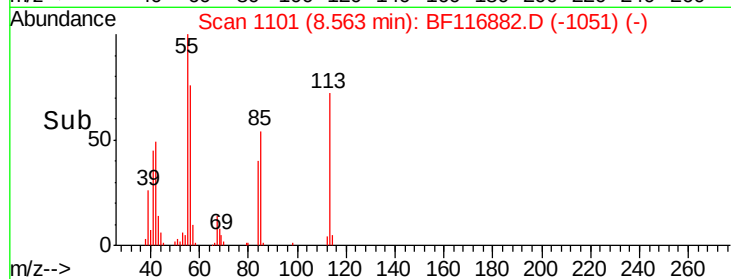
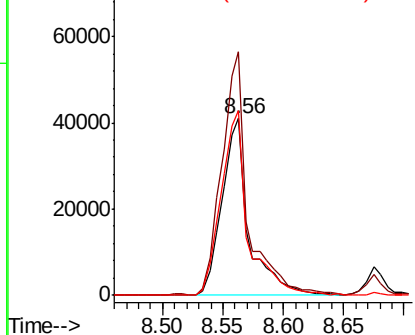
#35
 Caprolactam
 Concen: 37.274 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF116882.D
 Acq: 8 Sep 2019 21:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 62703
 Ion Ratio Lower Upper
 113 100
 55 138.0 124.3 164.3
 56 104.7 94.6 134.6

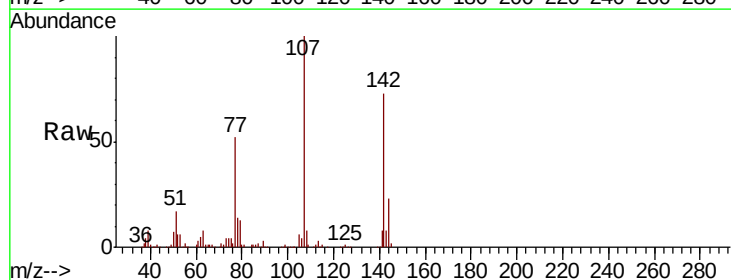


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

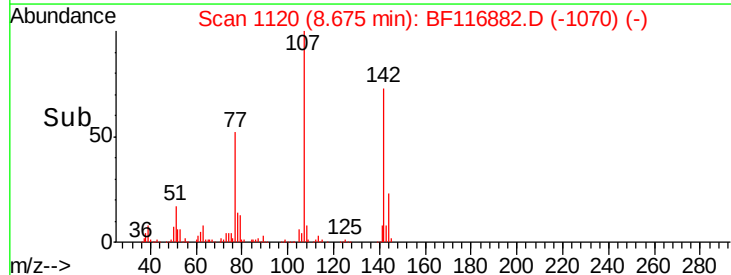
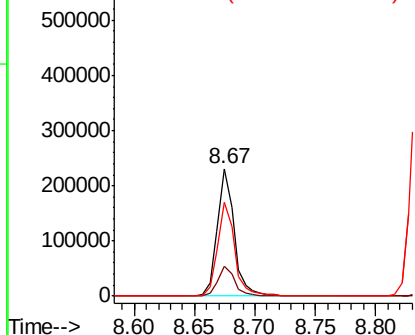


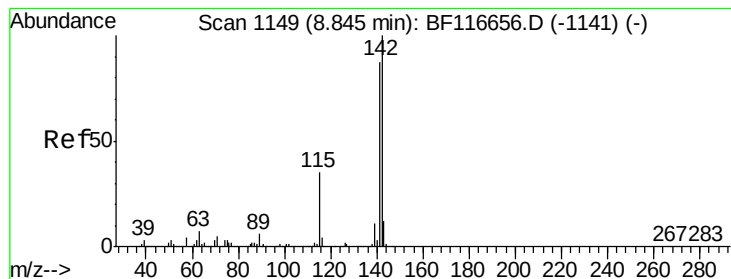
#36
 4-Chloro-3-methylphenol
 Concen: 43.205 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF116882.D
 Acq: 8 Sep 2019 21:11

Tgt Ion:107 Resp: 223212
 Ion Ratio Lower Upper
 107 100
 144 23.4 18.6 27.8
 142 73.3 58.5 87.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.838 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

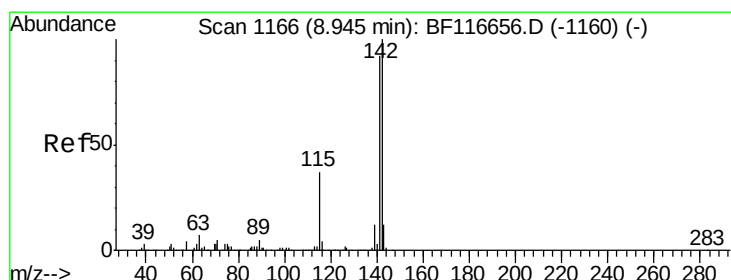
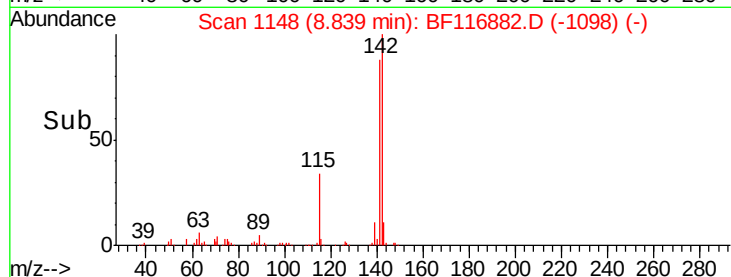
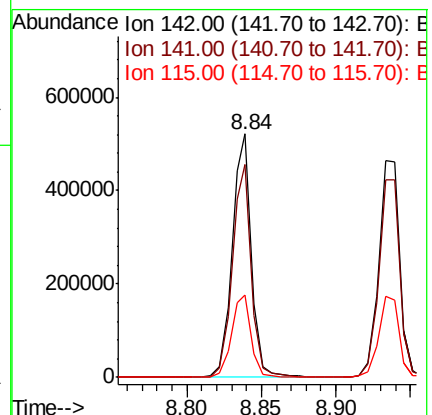
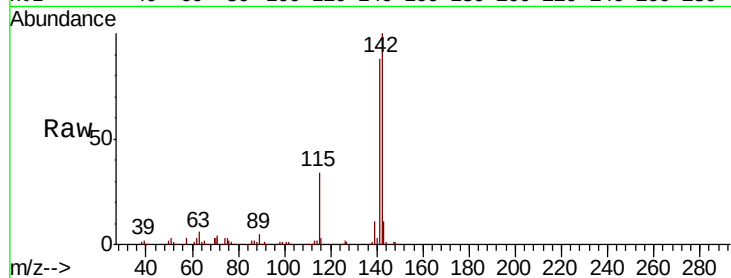
Tot Ion:142 Resp: 473906

Ion Ratio Lower Upper

142 100

141 87.7 72.6 109.0

115 34.0 29.8 44.6



#38

1-Methylnaphthalene

Concen: 42.350 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

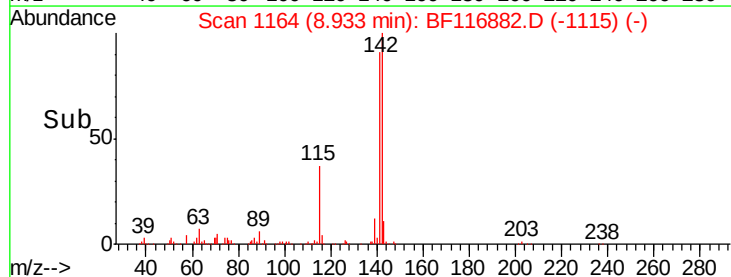
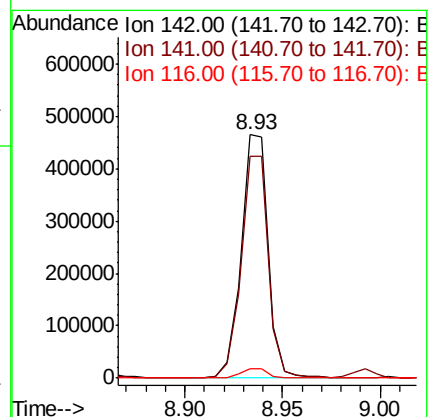
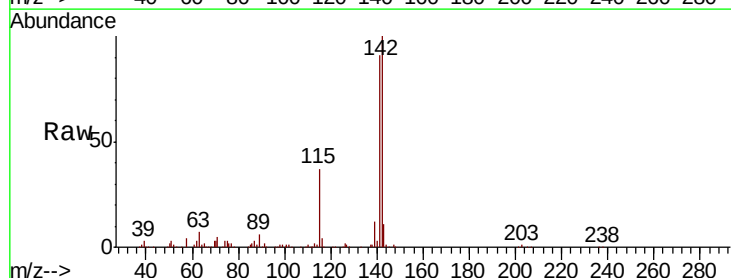
Tgt Ion:142 Resp: 442263

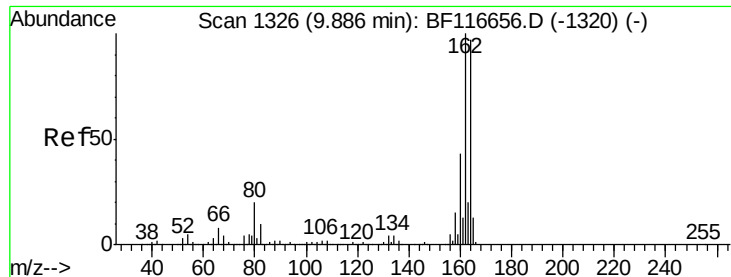
Ion Ratio Lower Upper

142 100

141 91.1 73.9 110.9

116 3.9 3.0 4.6

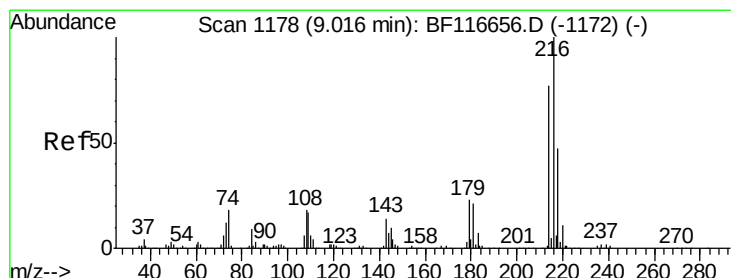
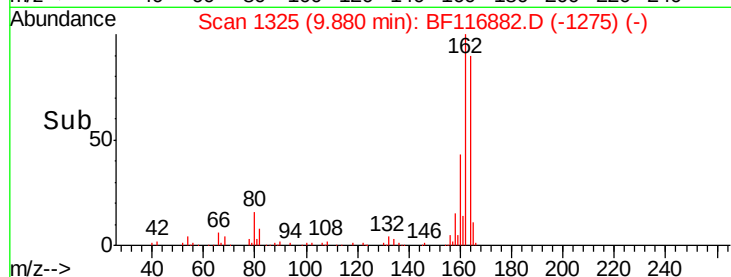
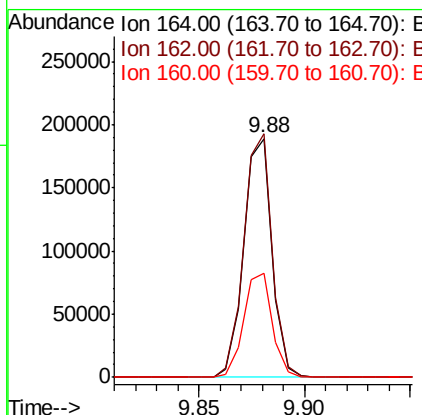
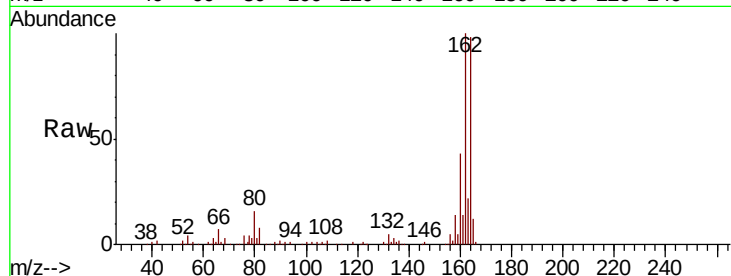




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

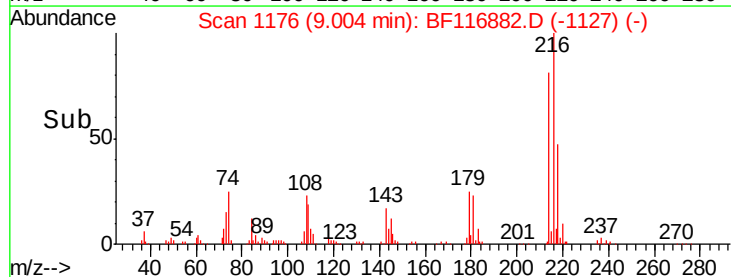
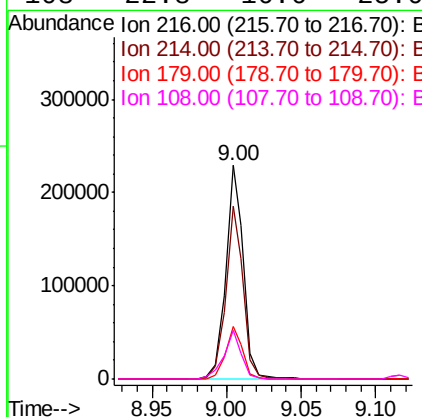
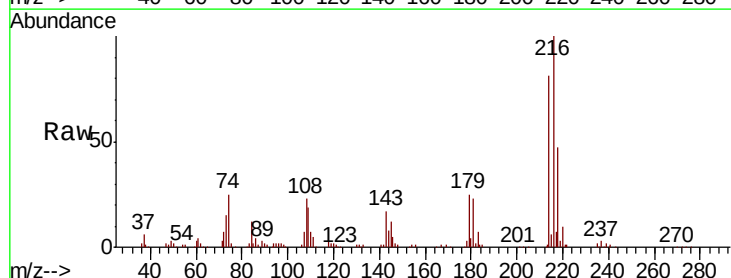
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

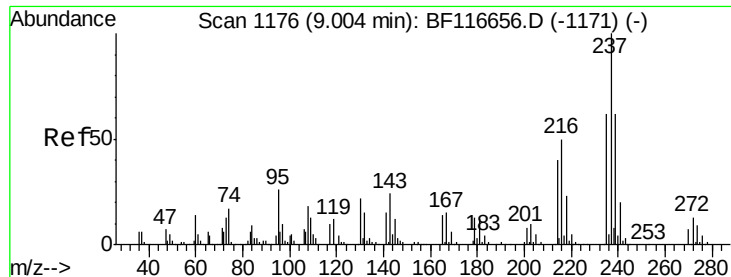
Tot Ion:164 Resp: 174776
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 43.3 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.408 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion:216 Resp: 190245
Ion Ratio Lower Upper
216 100
214 79.7 62.7 94.1
179 24.4 19.3 28.9
108 22.8 16.6 25.0





#41

Hexachlorocyclopentadiene

Concen: 37.688 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

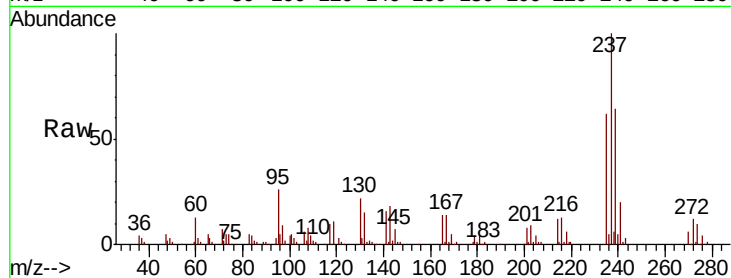
Tot Ion:237 Resp: 91182

Ion Ratio Lower Upper

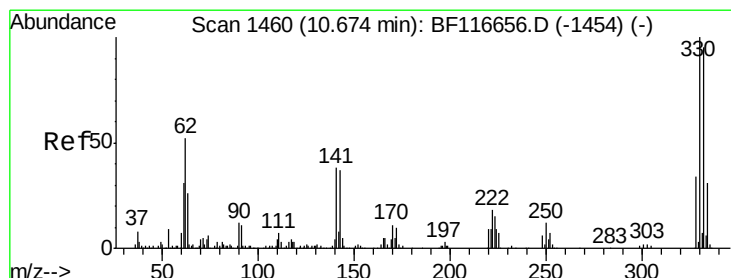
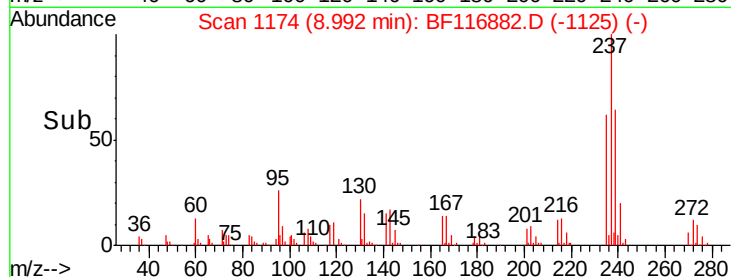
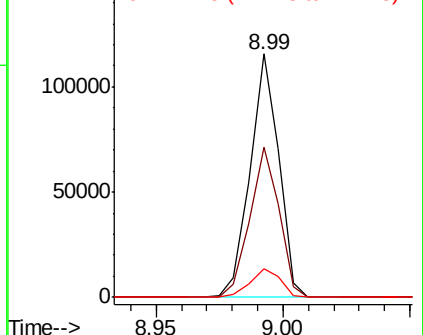
237 100

235 61.6 41.4 81.4

272 12.0 0.0 32.8



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: 102.183 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

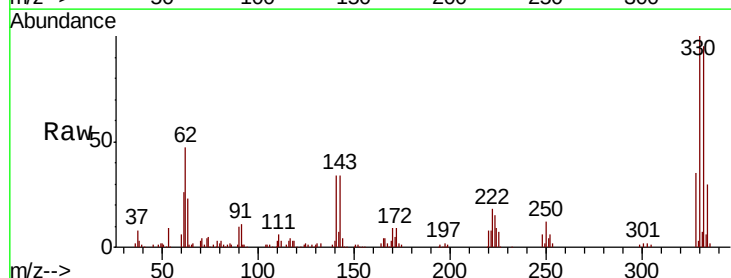
Tgt Ion:330 Resp: 119392

Ion Ratio Lower Upper

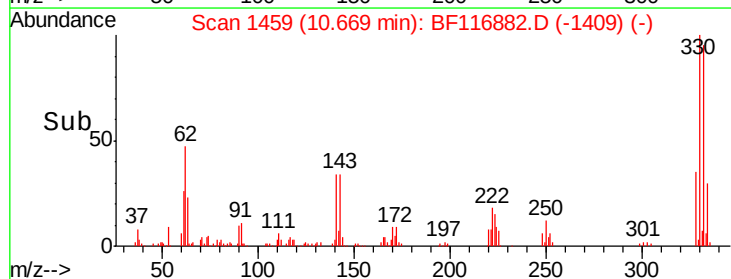
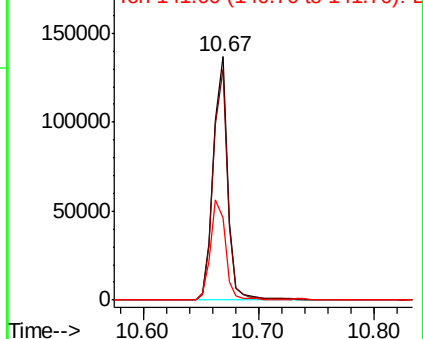
330 100

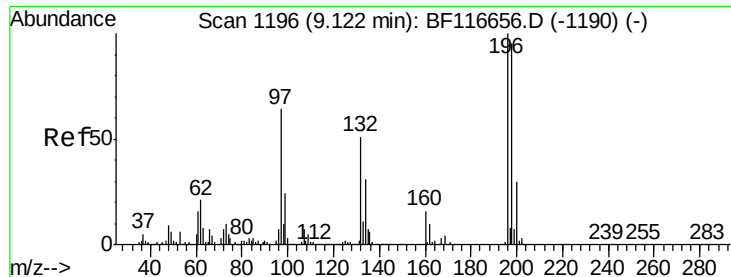
332 95.3 76.9 115.3

141 42.5 31.4 47.2



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

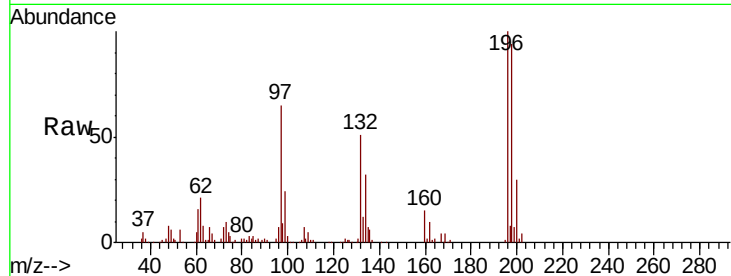




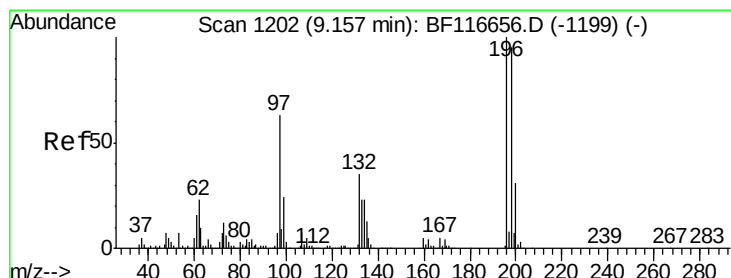
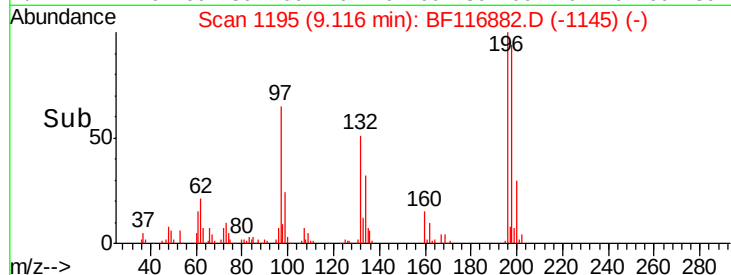
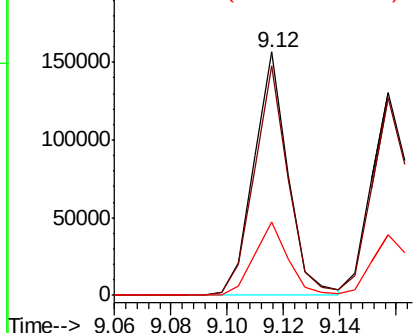
#43
 2,4,6-Trichlorophenol
 Concen: 45.626 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116882.D
 Acq: 8 Sep 2019 21:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 131038
 Ion Ratio Lower Upper
 196 100
 198 94.2 79.1 118.7
 200 30.2 24.0 36.0

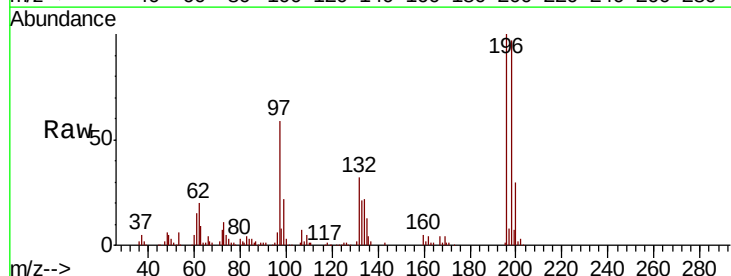


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

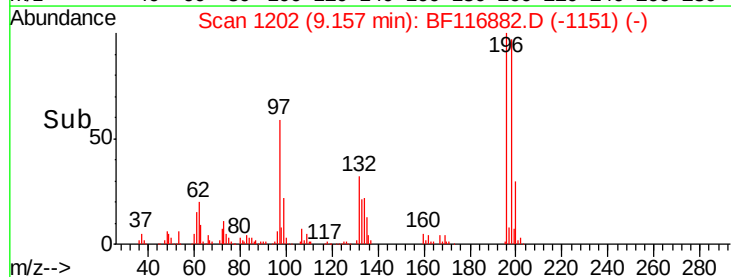
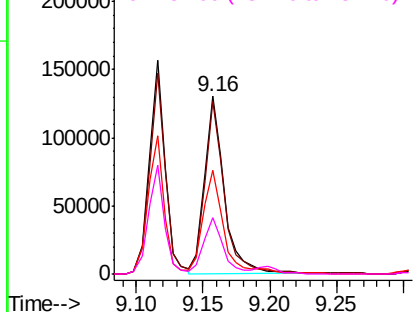


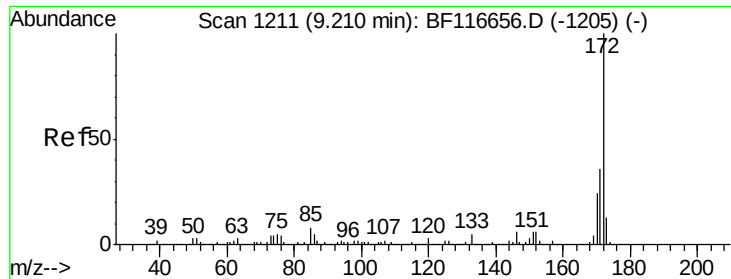
#44
 2,4,5-Trichlorophenol
 Concen: 45.336 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF116882.D
 Acq: 8 Sep 2019 21:11

Tgt Ion:196 Resp: 135176
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.1 117.1
 97 58.7 41.6 62.4
 132 31.8 23.5 35.3



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

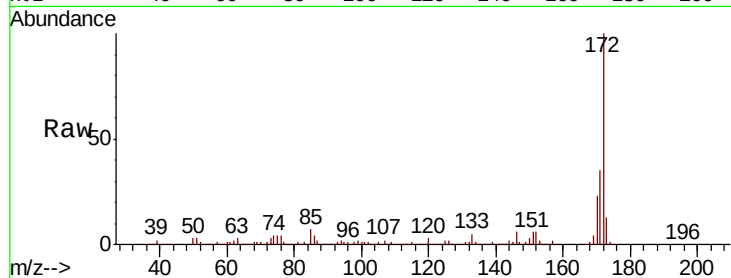




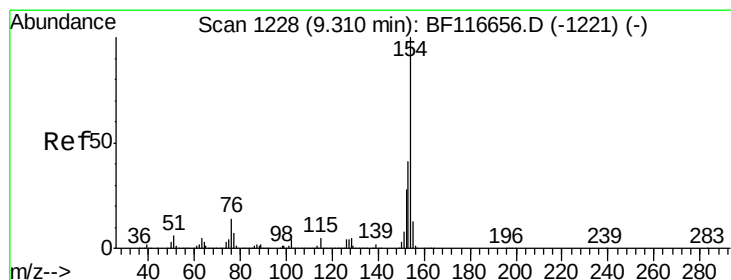
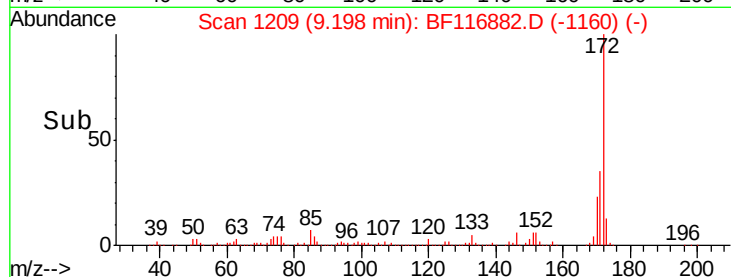
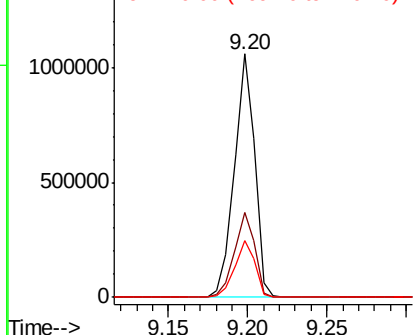
#45
2-Fluorobiphenyl
Concen: 91.060 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	23.4	18.9	28.3

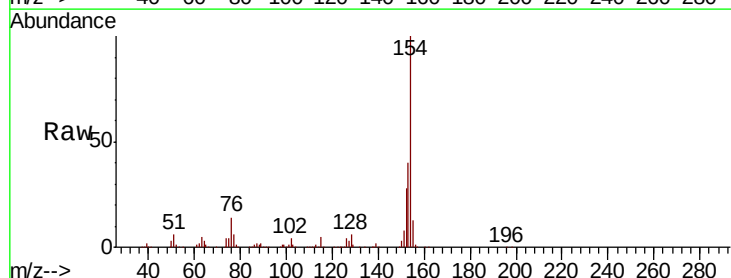


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

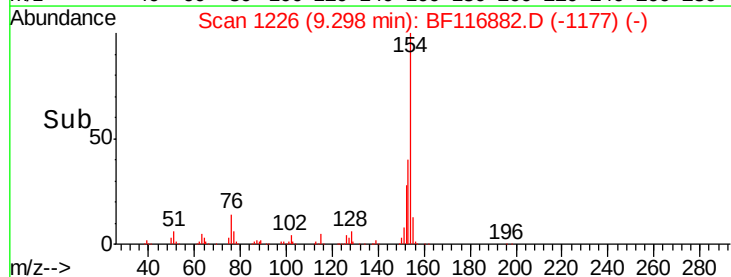
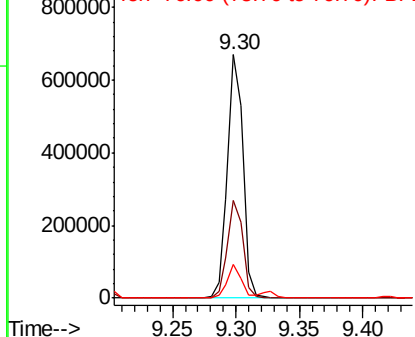


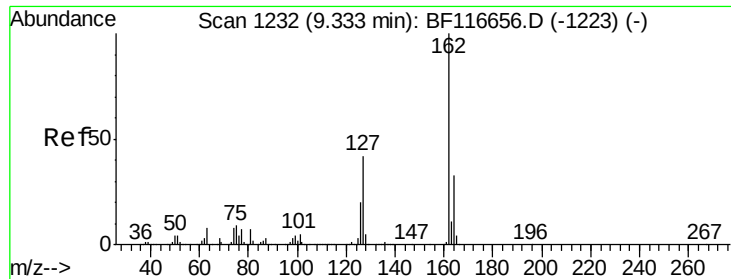
#46
1,1'-Biphenyl
Concen: 43.039 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.2	61.2
76	13.7	0.0	30.9



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

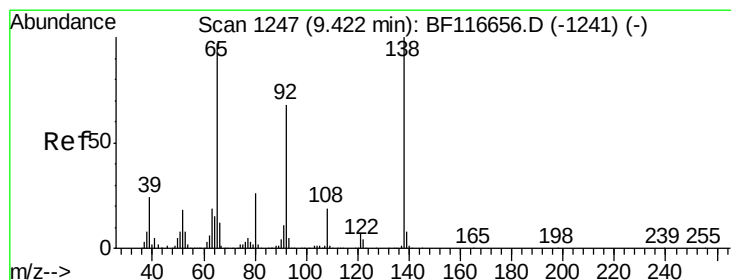
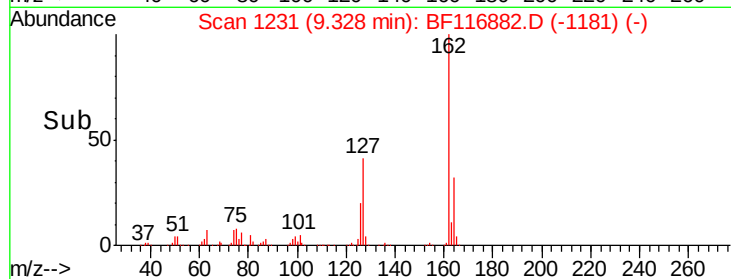
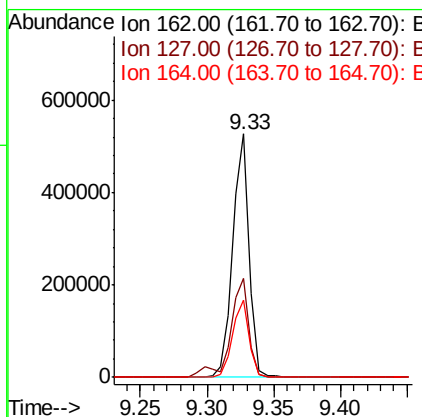
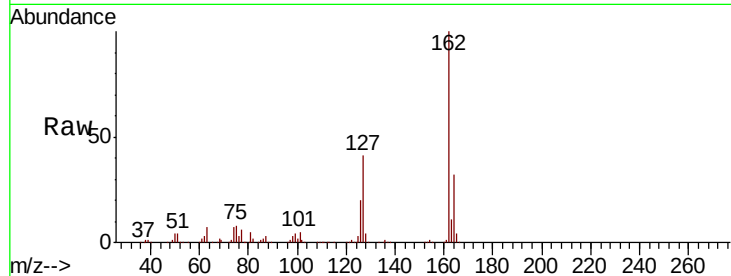




#47
 2-Chloronaphthalene
 Concen: 43.482 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF116882.D
 Acq: 8 Sep 2019 21:11

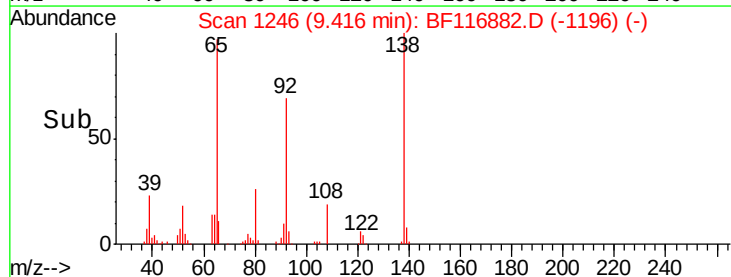
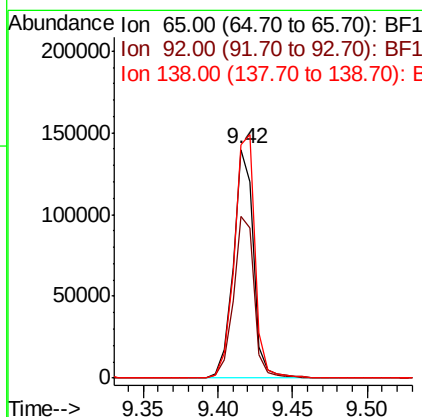
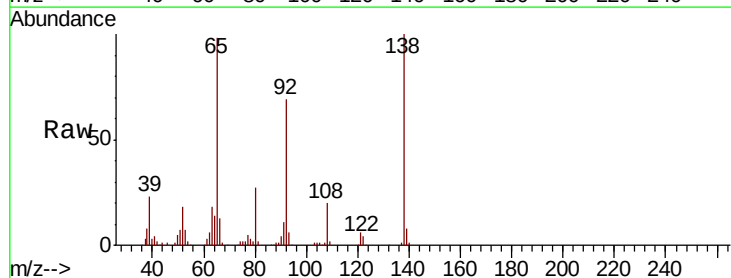
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

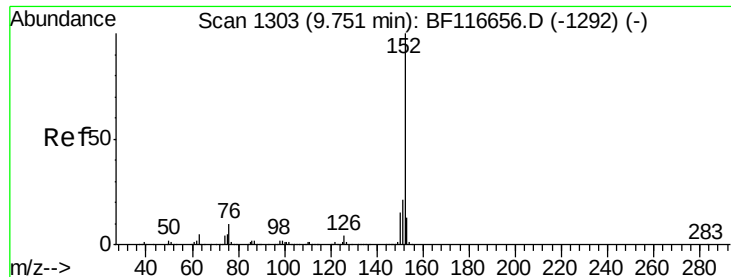
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.4	50.2
164	31.8	26.6	39.8



#48
 2-Nitroaniline
 Concen: 44.047 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF116882.D
 Acq: 8 Sep 2019 21:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	57.1	85.7
138	102.2	88.2	132.2





#49

Acenaphthylene

Concen: 42.514 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

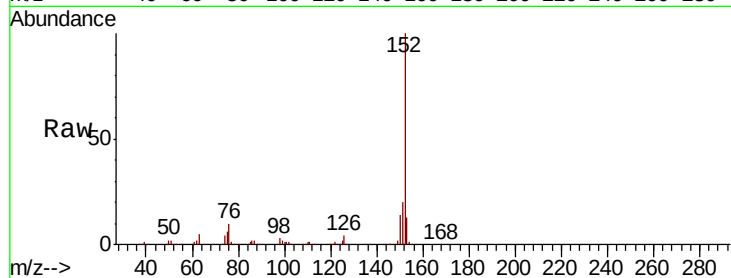
Tot Ion:152 Resp: 675051

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

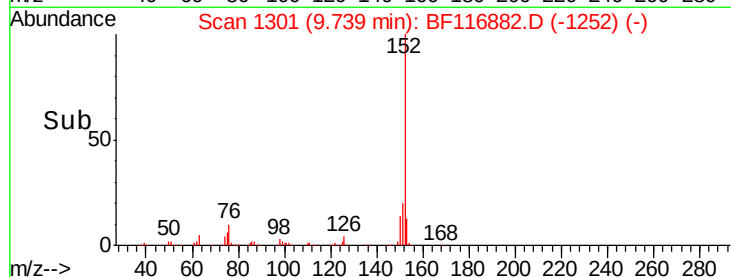
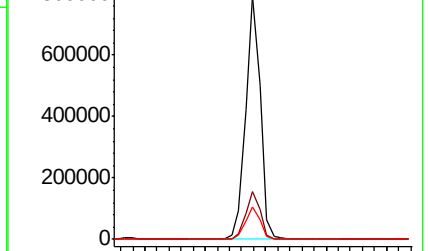
153 13.3 10.9 16.3



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: 42.237 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

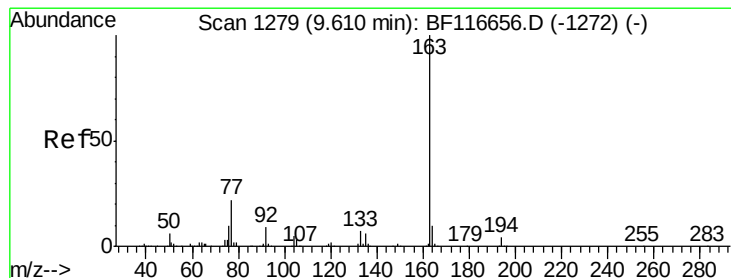
Tgt Ion:163 Resp: 509655

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

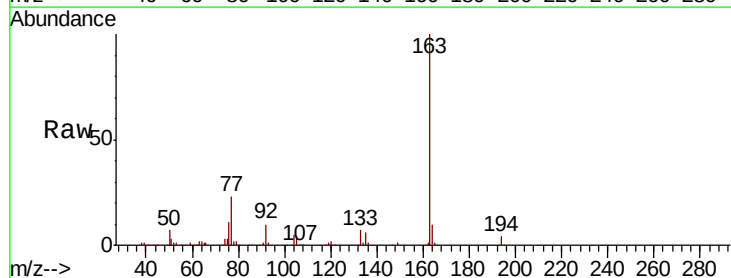
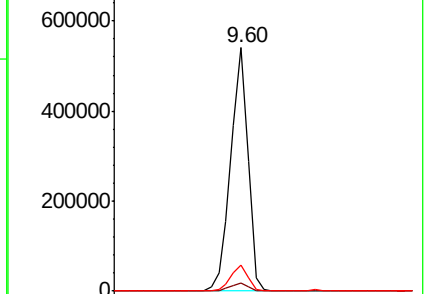
164 10.5 8.6 12.8

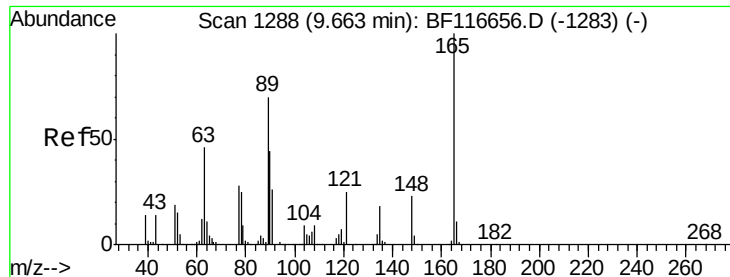


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

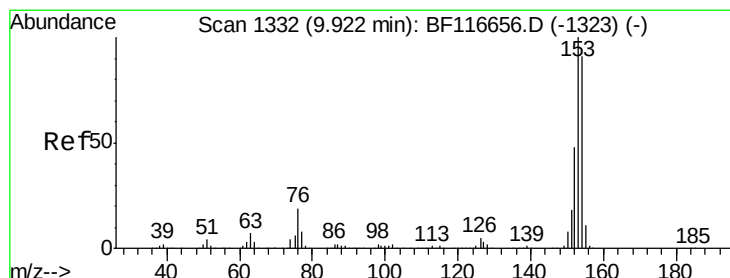
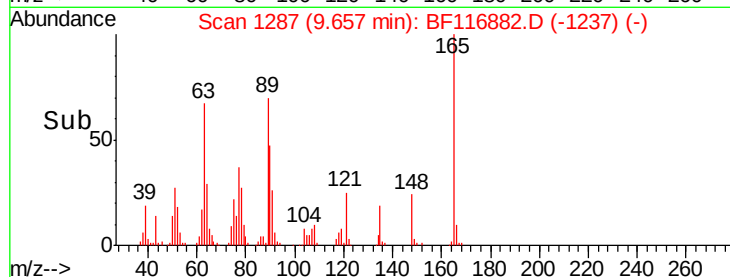
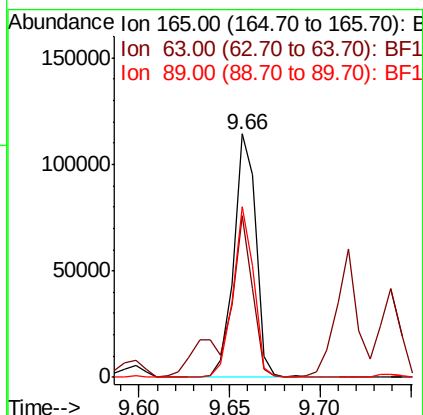
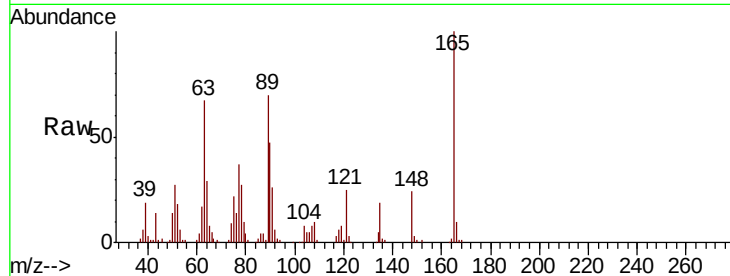




#51
 2,6-Dinitrotoluene
 Concen: 42.165 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF116882.D
 Acq: 8 Sep 2019 21:11

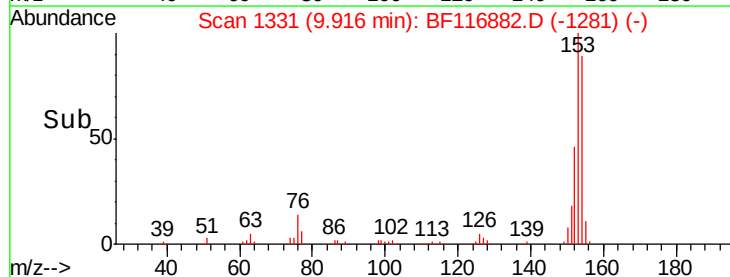
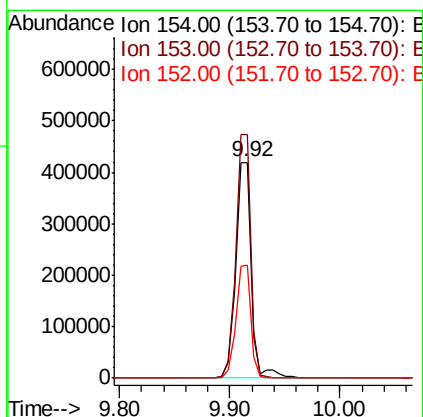
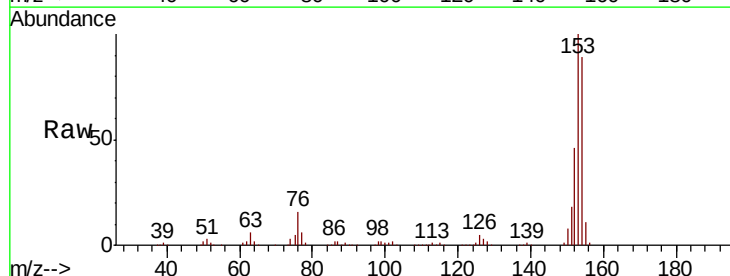
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

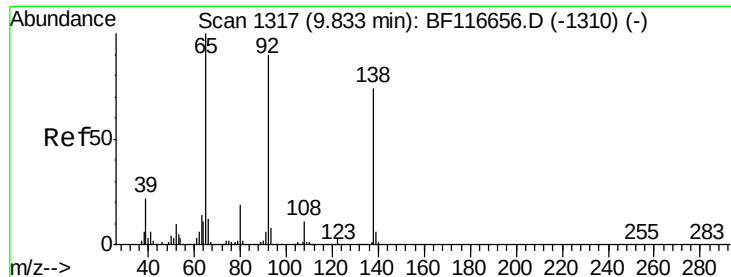
Tot Ion	165	Resp	97073
Ion Ratio	Lower	Upper	
165	100		
63	66.6	47.3	70.9
89	70.2	52.5	78.7



#52
 Acenaphthene
 Concen: 42.732 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF116882.D
 Acq: 8 Sep 2019 21:11

Tgt Ion	154	Resp	416904
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.5	134.3
152	52.4	41.9	62.9

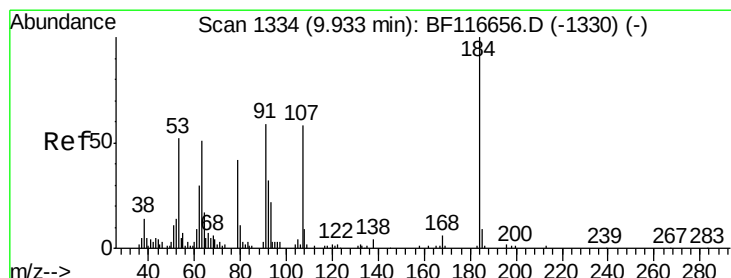
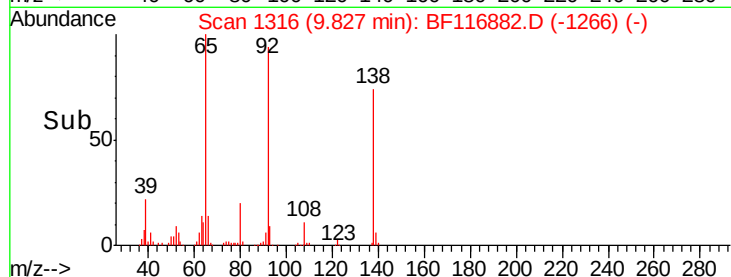
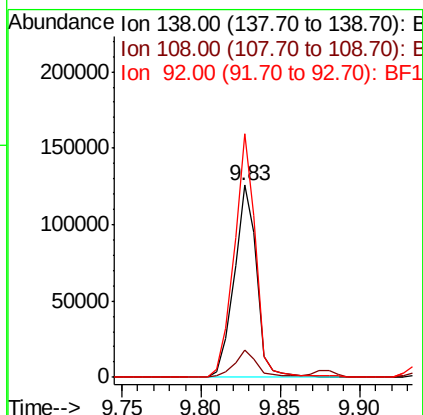
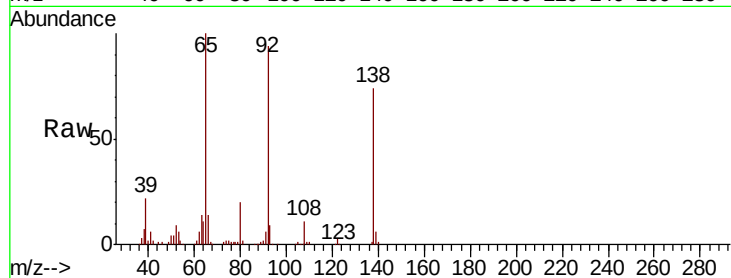




#53
3-Nitroaniline
Concen: 42.623 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

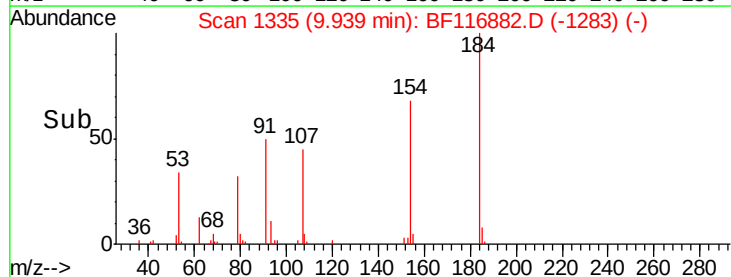
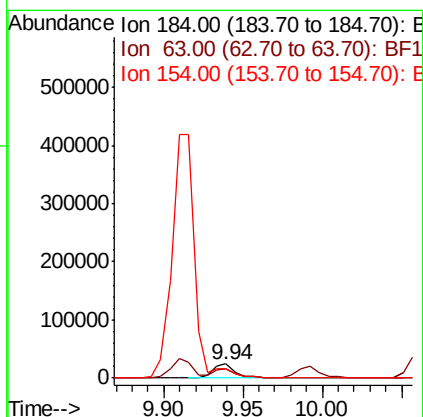
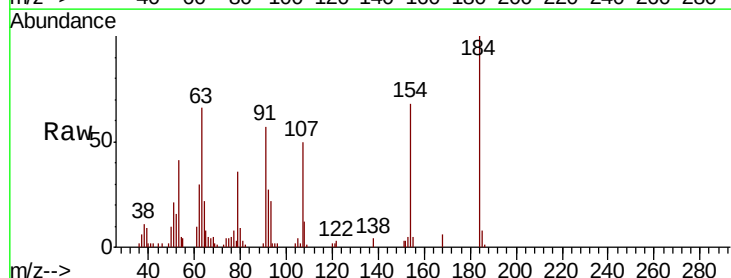
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

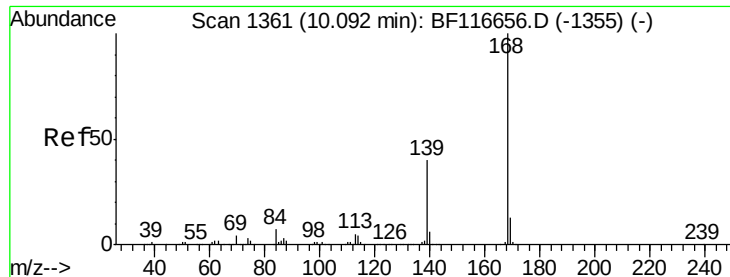
Tot Ion:138 Resp: 122973
Ion Ratio Lower Upper
138 100
108 14.5 8.5 12.7#
92 126.6 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 36.511 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion:184 Resp: 25299
Ion Ratio Lower Upper
184 100
63 66.3 52.2 78.2
154 68.1 60.8 91.2





#55

Dibenzofuran

Concen: 43.314 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

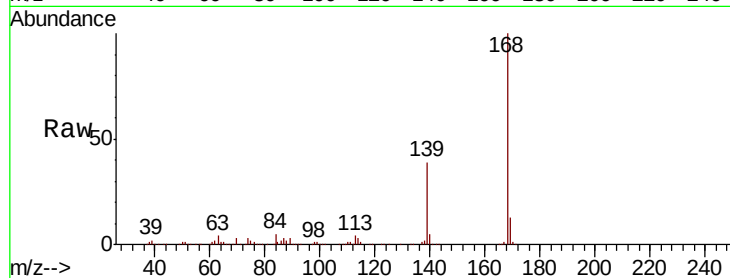
Tot Ion:168 Resp: 595724

Ion Ratio Lower Upper

168 100

139 38.8 31.5 47.3

169 13.1 10.3 15.5

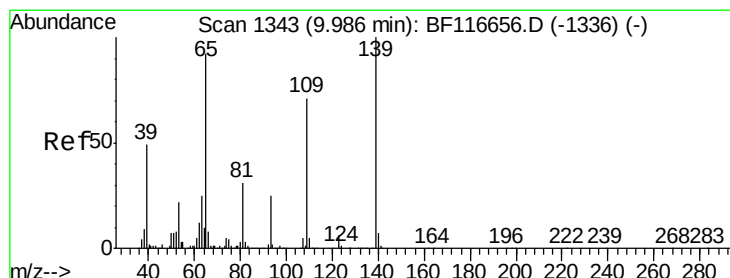
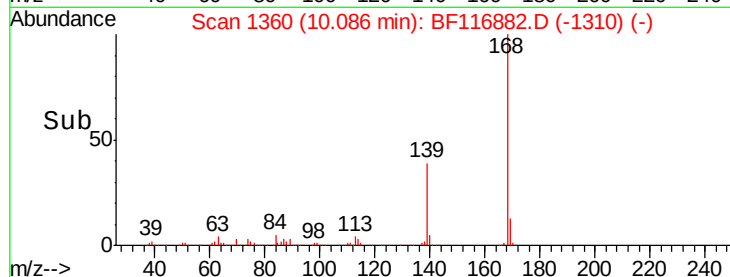
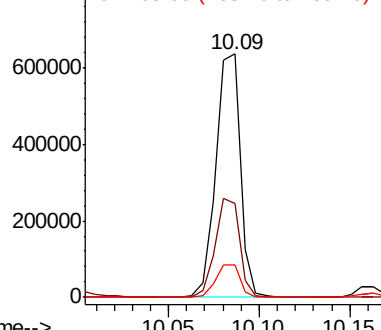


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.197 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

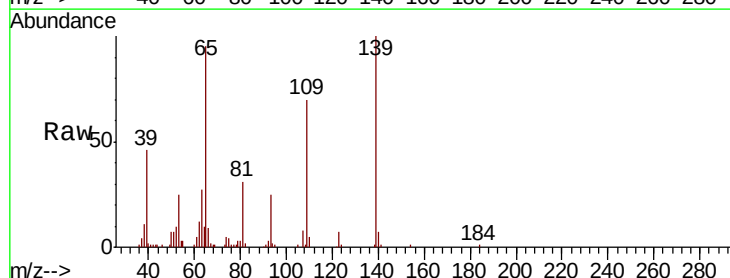
Tgt Ion:139 Resp: 77541

Ion Ratio Lower Upper

139 100

109 69.6 61.7 101.7

65 95.0 89.1 129.1

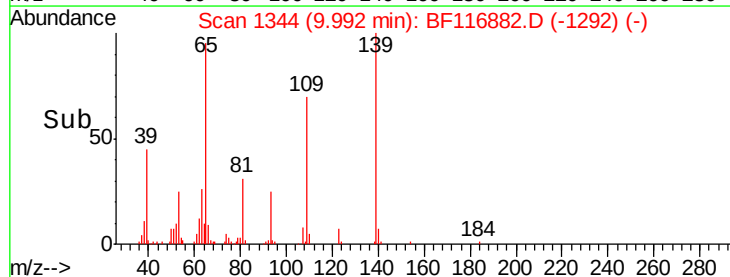
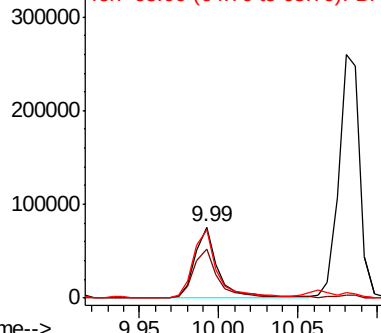


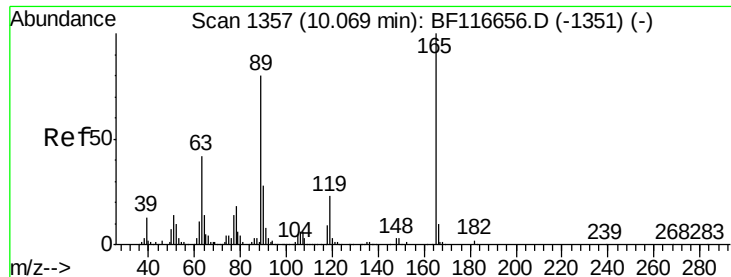
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

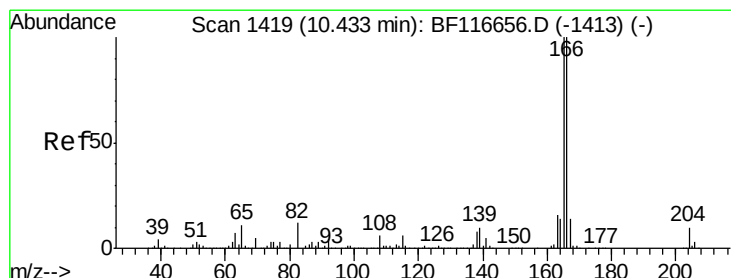
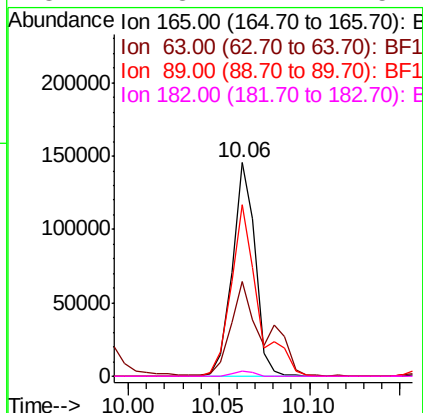
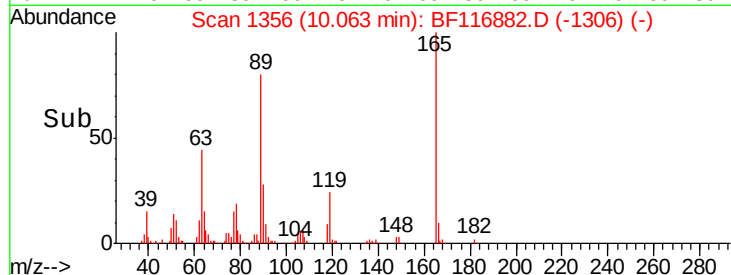
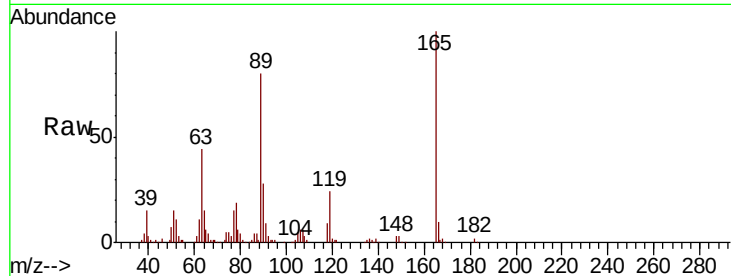




#57
2,4-Dinitrotoluene
Concen: 45.443 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

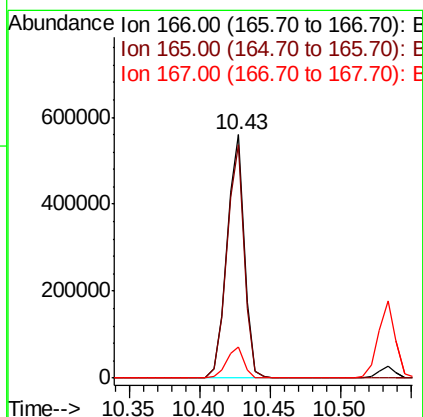
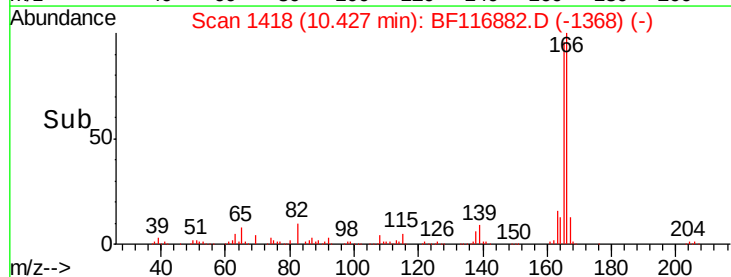
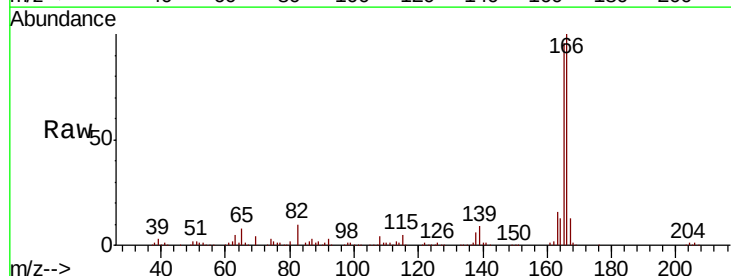
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

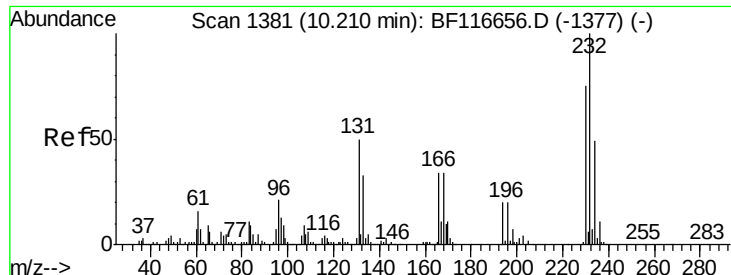
Tot Ion:165 Resp: 127922
Ion Ratio Lower Upper
165 100
63 44.3 36.4 54.6
89 80.3 62.6 94.0
182 2.3 2.1 3.1



#58
Fluorene
Concen: 45.602 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion:166 Resp: 477897
Ion Ratio Lower Upper
166 100
165 96.0 78.8 118.2
167 12.7 10.0 15.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.693 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 100479

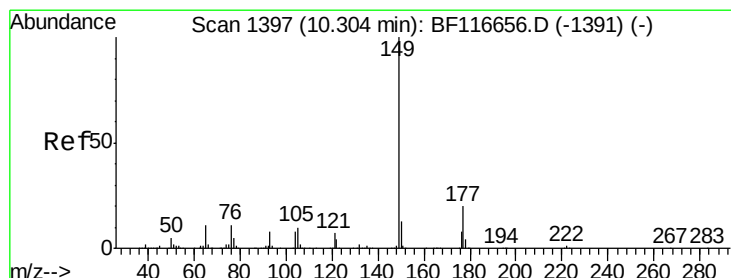
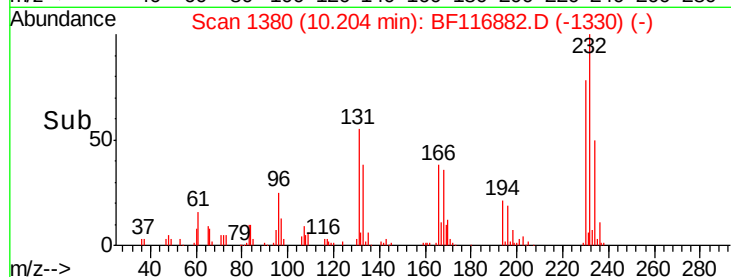
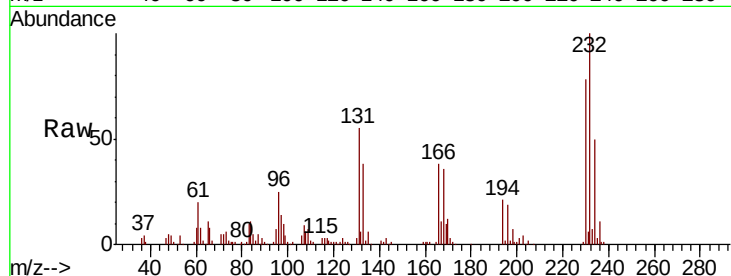
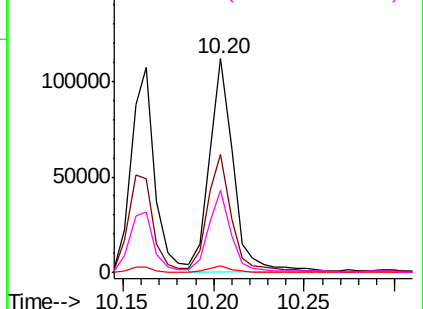
Ion	Ratio	Lower	Upper
232	100		
131	58.2	42.7	64.1
130	2.6	1.9	2.9
166	36.5	27.4	41.2

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.409 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

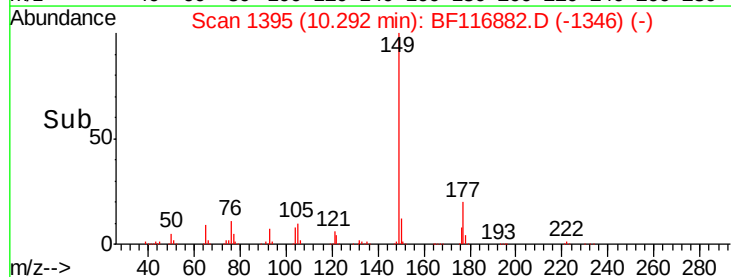
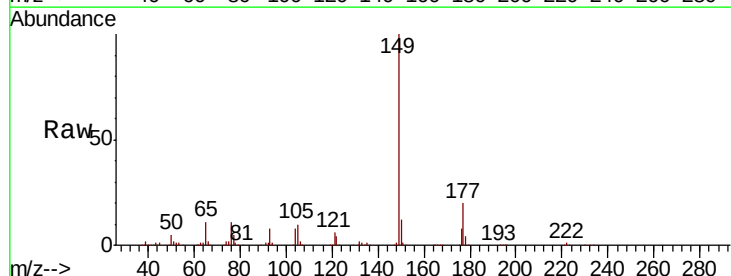
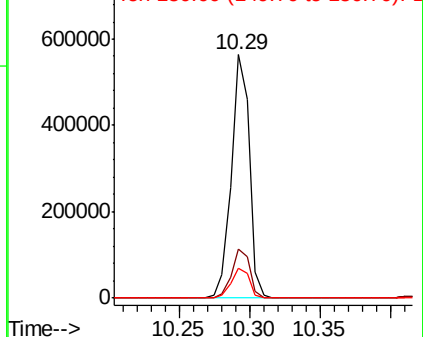
Tgt Ion:149 Resp: 500507

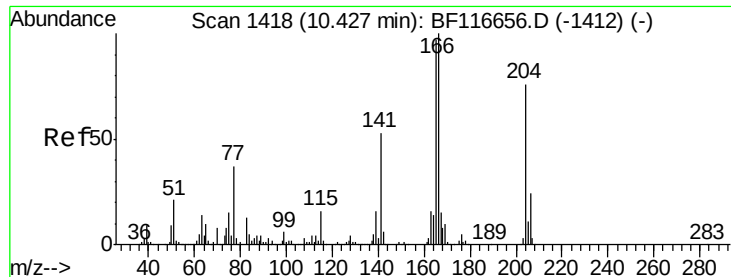
Ion	Ratio	Lower	Upper
149	100		
177	20.2	17.2	25.8
150	12.4	9.7	14.5

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

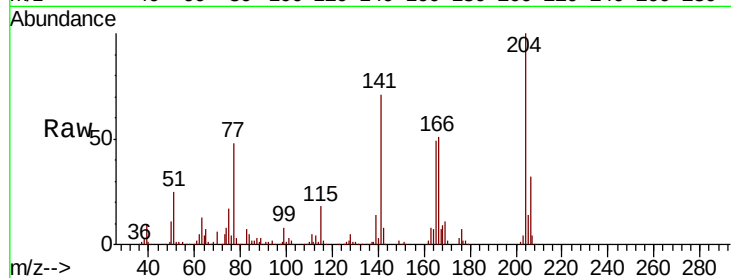




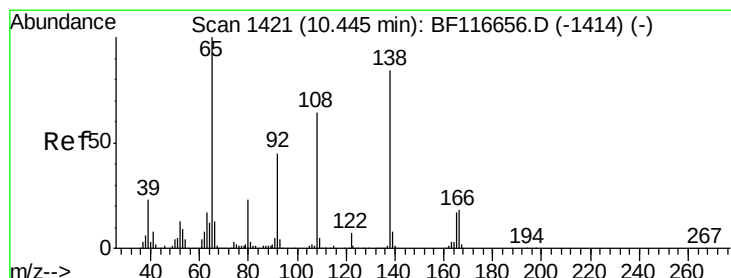
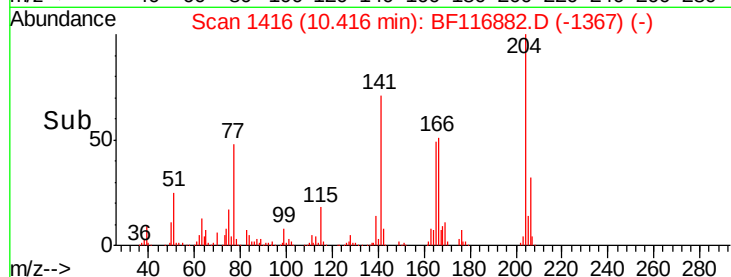
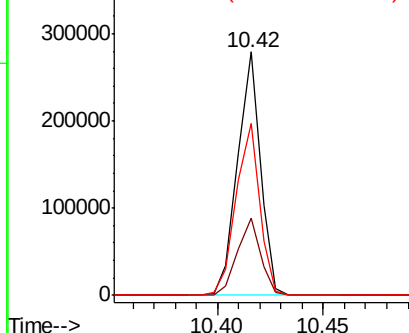
#61
4-Chlorophenyl-phenylether
Concen: 45.583 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 209183
Ion Ratio Lower Upper
204 100
206 31.9 25.4 38.2
141 70.6 53.8 80.8

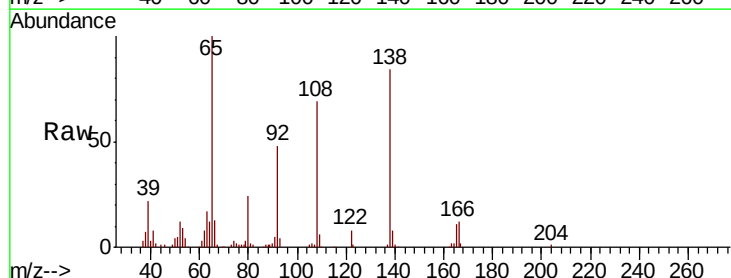


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

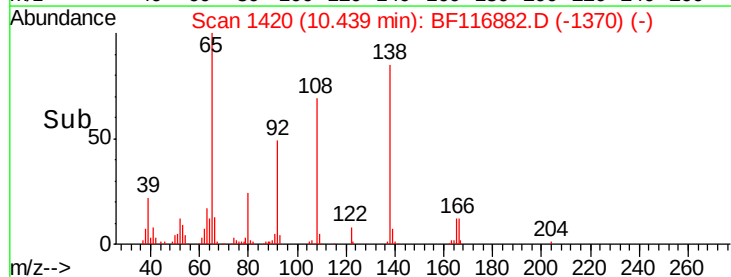
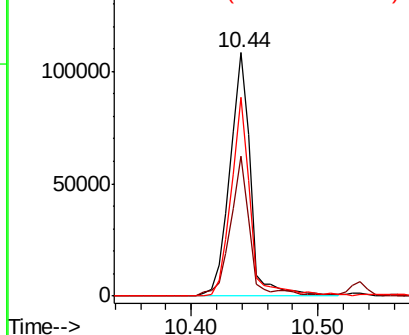


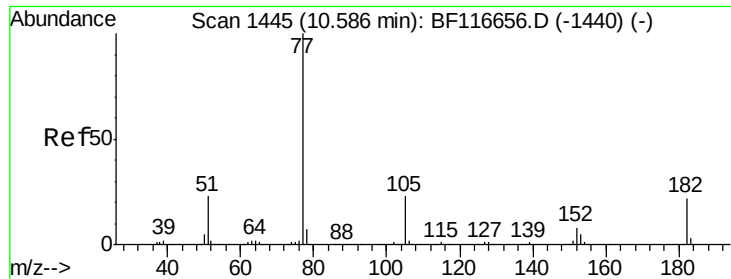
#62
4-Nitroaniline
Concen: 43.394 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion:138 Resp: 121498
Ion Ratio Lower Upper
138 100
92 57.3 28.7 68.7
108 81.5 60.4 100.4



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

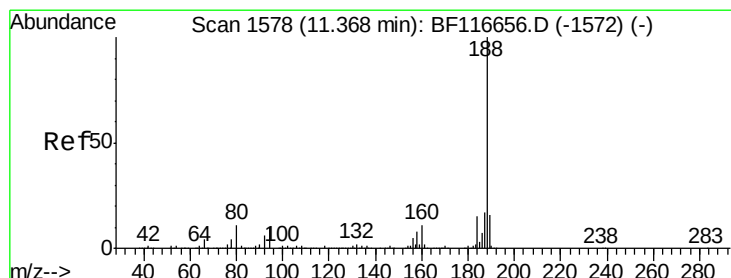
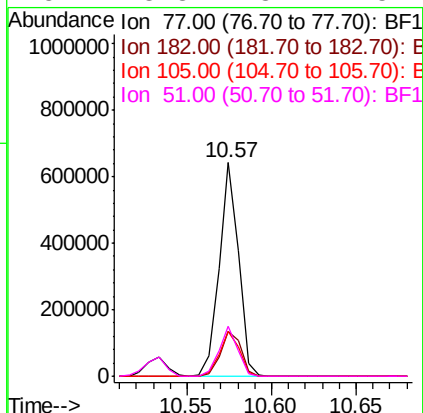
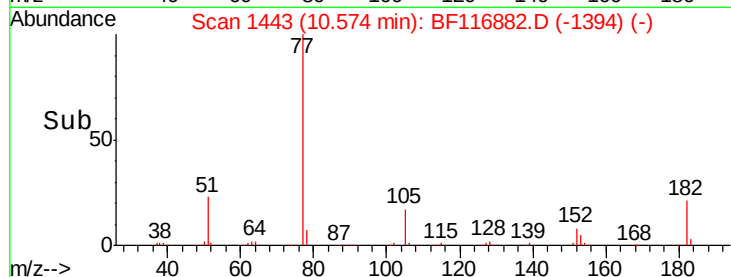
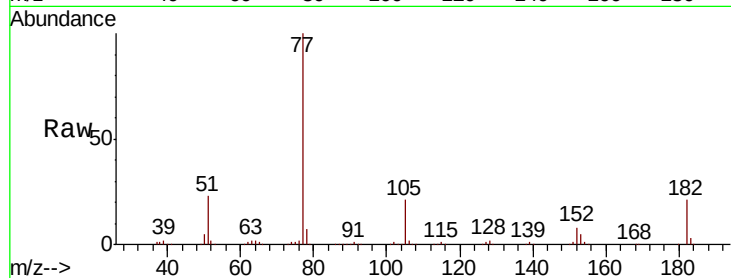




#63
Azobenzene
Concen: 40.746 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

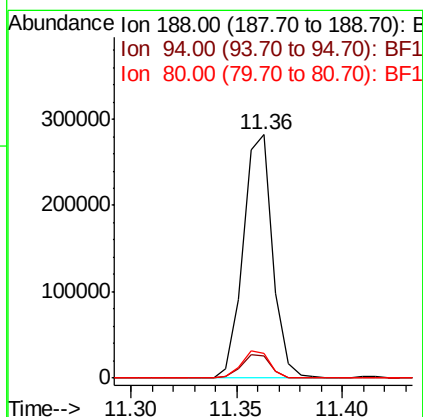
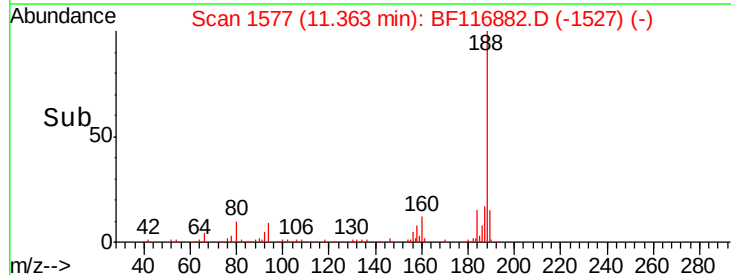
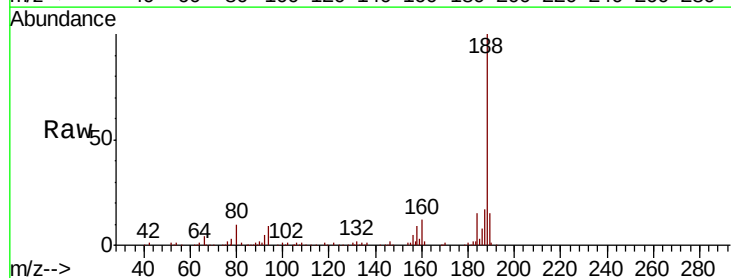
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

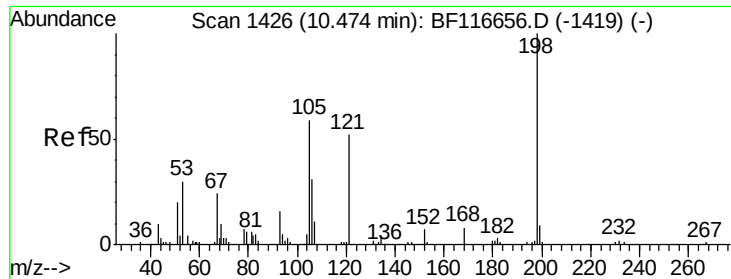
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.0	1.2	41.2	
105	21.2	0.6	40.6	
51	23.3	8.2	48.2	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.1	7.3	10.9	
80	10.3	8.4	12.6	

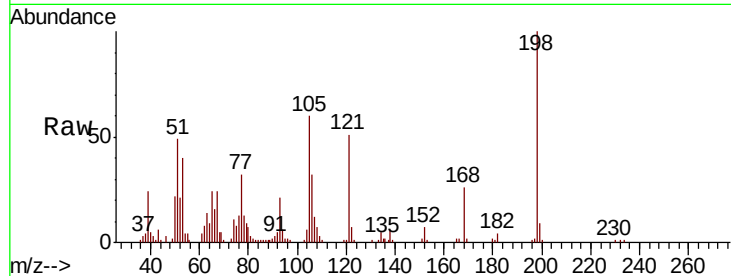




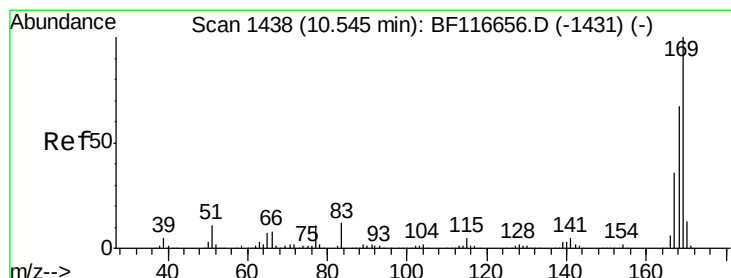
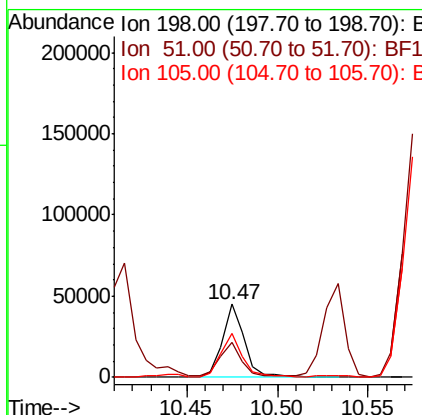
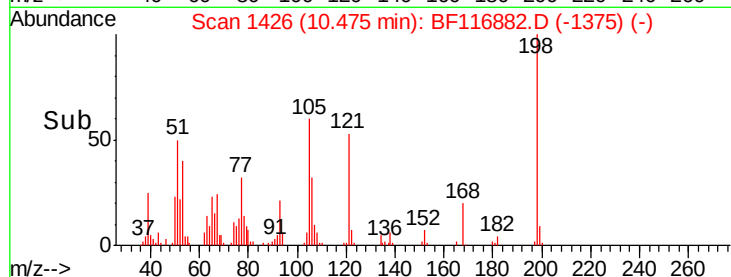
#65
4,6-Dinitro-2-methylphenol
Concen: 39.453 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 38003
Ion Ratio Lower Upper
198 100
51 48.6 18.4 58.4
105 59.7 22.9 62.9

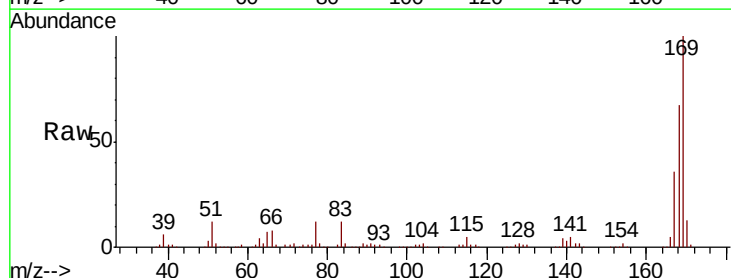


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

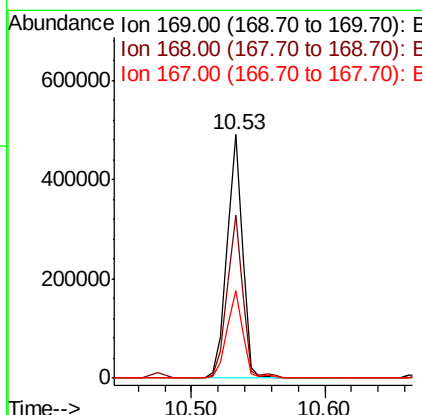
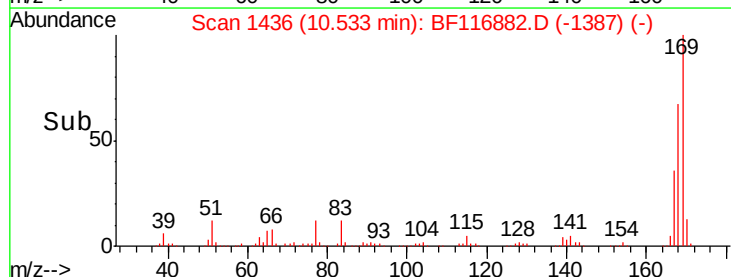


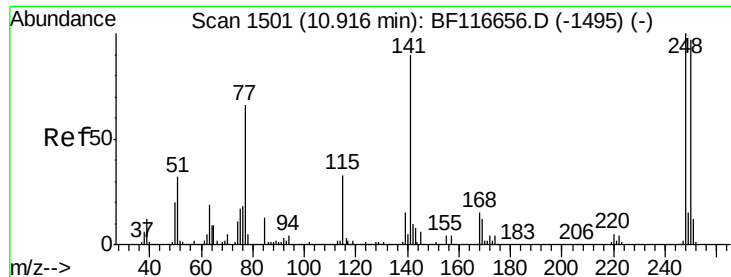
#66
n-Nitrosodiphenylamine
Concen: 43.027 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion:169 Resp: 405442
Ion Ratio Lower Upper
169 100
168 67.0 55.8 83.6
167 36.1 29.4 44.2



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

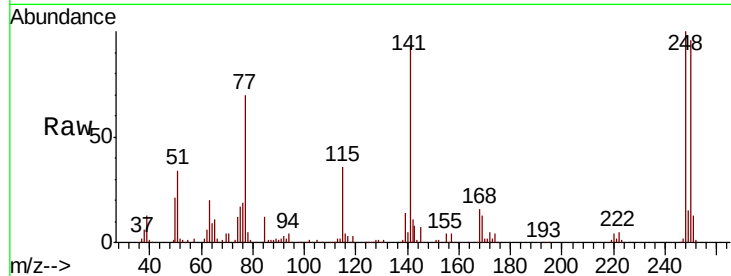




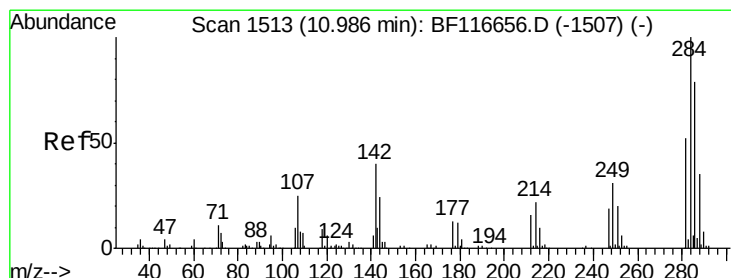
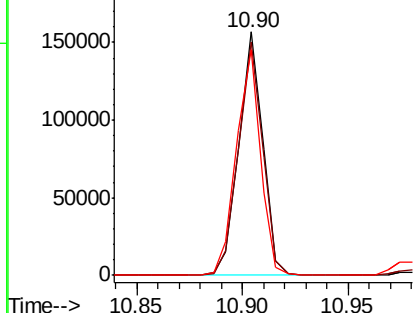
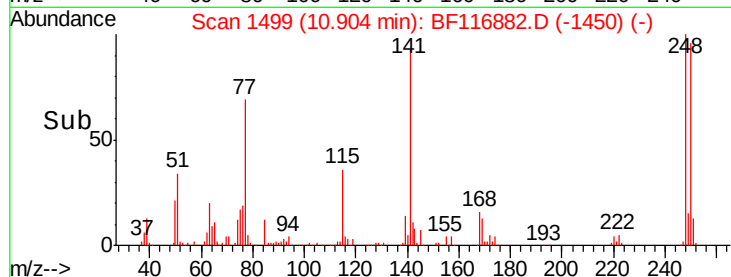
#67
4-Bromophenyl-phenylether
Concen: 44.222 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 122367
Ion Ratio Lower Upper
248 100
250 95.6 77.8 116.8
141 92.8 75.9 113.9

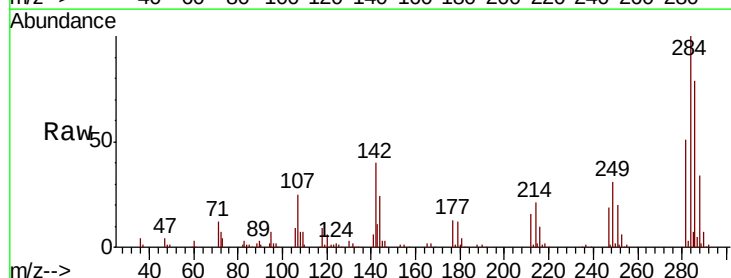


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

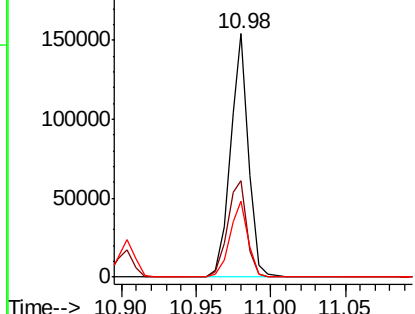
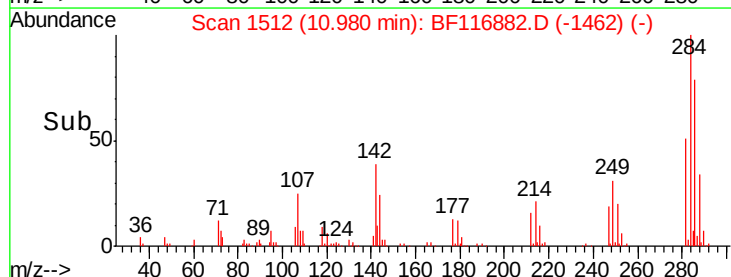


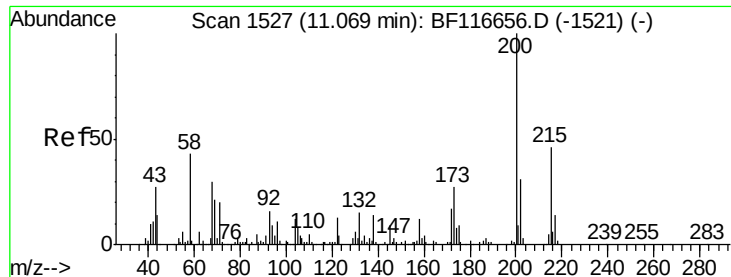
#68
Hexachlorobenzene
Concen: 45.176 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion:284 Resp: 130790
Ion Ratio Lower Upper
284 100
142 39.6 34.0 51.0
249 31.3 26.4 39.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.094 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

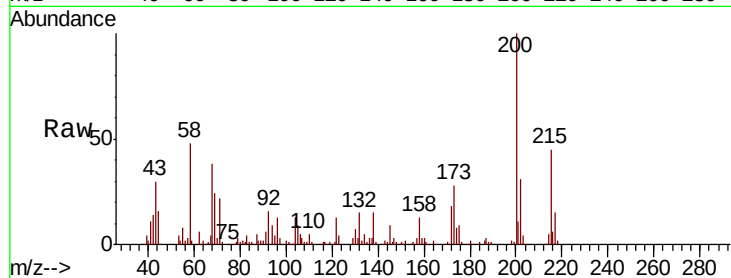
Tot Ion:200 Resp: 111089

Ion Ratio Lower Upper

200 100

173 28.2 6.2 46.2

215 44.8 24.3 64.3



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

11.06

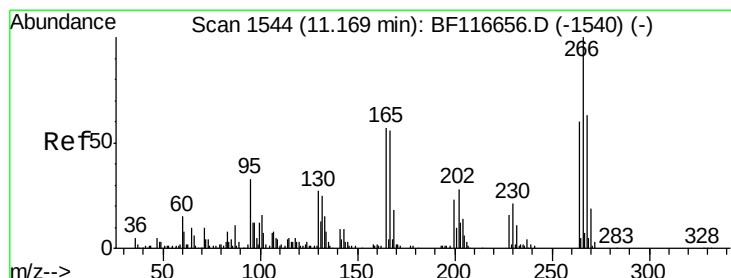
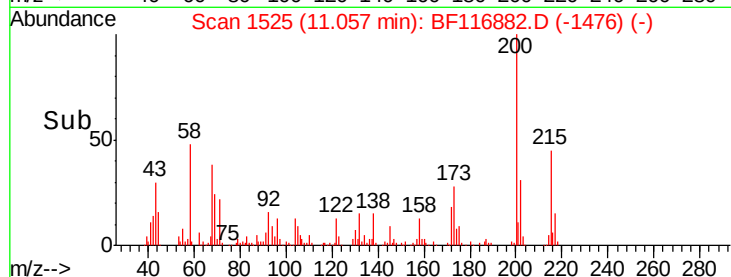
150000

100000

50000

0

Time--> 11.00 11.05 11.10



#70

Pentachlorophenol

Concen: 44.563 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

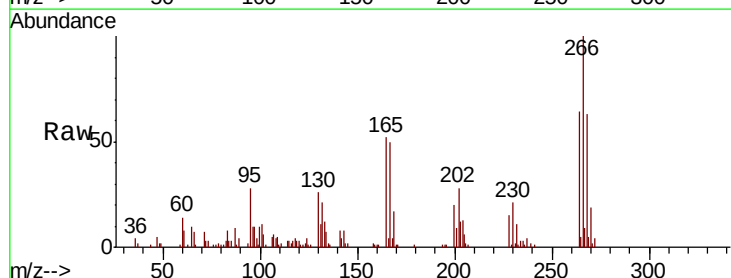
Tgt Ion:266 Resp: 62411

Ion Ratio Lower Upper

266 100

268 62.6 51.2 76.8

264 63.9 51.9 77.9



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

11.17

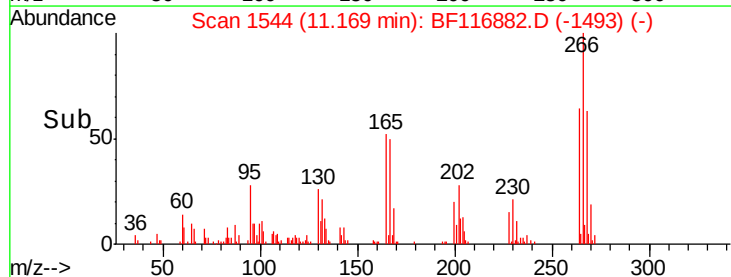
60000

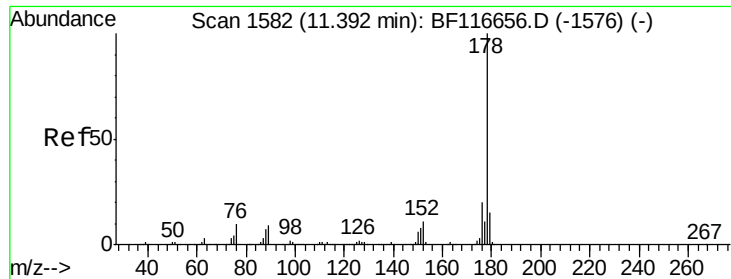
40000

20000

0

Time--> 11.10 11.20 11.30

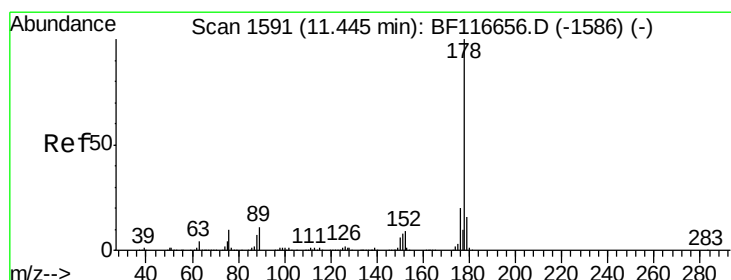
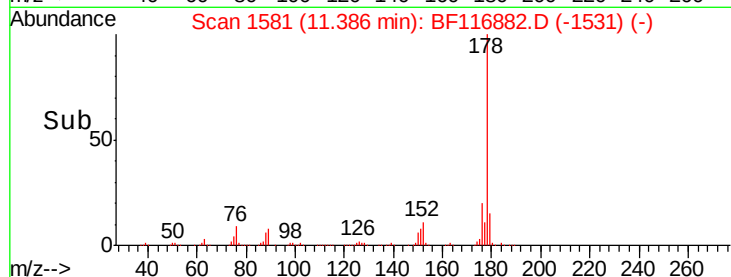
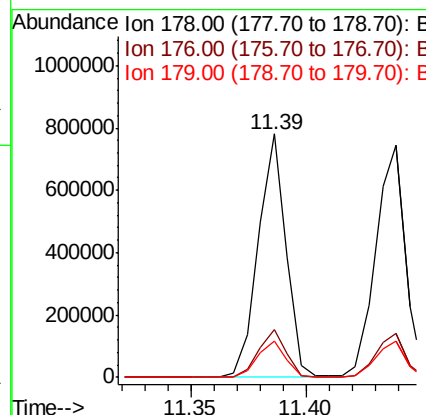
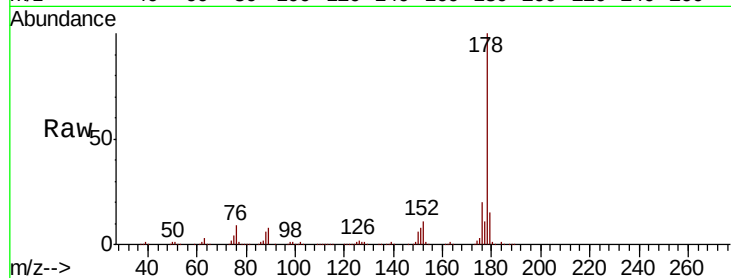




#71
Phenanthrene
Concen: 43.483 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

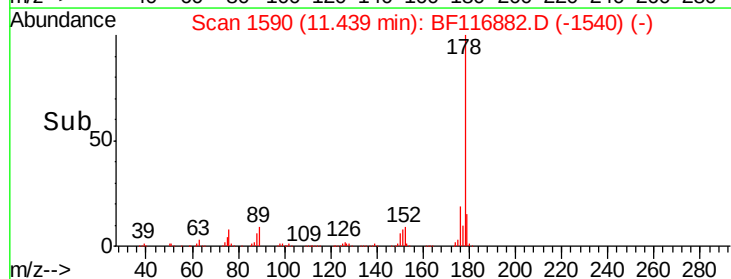
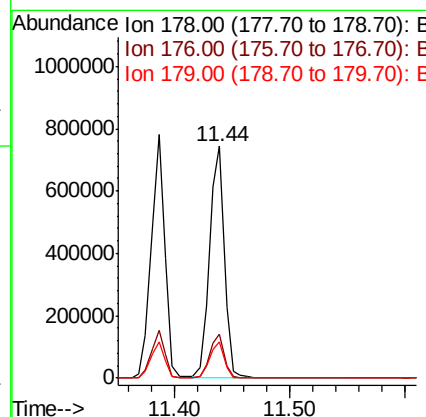
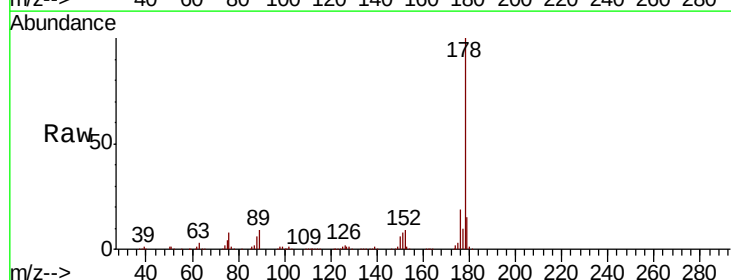
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

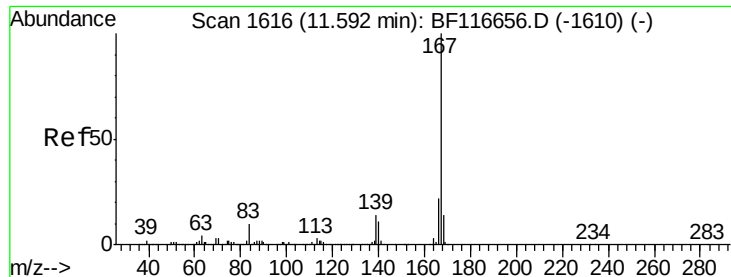
Tot Ion:178 Resp: 659327
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.1 12.2 18.2



#72
Anthracene
Concen: 43.705 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion:178 Resp: 667091
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.5 12.5 18.7

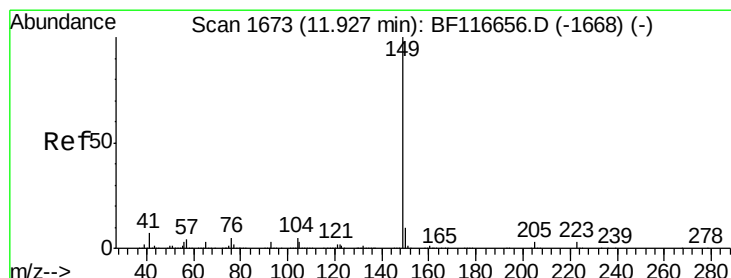
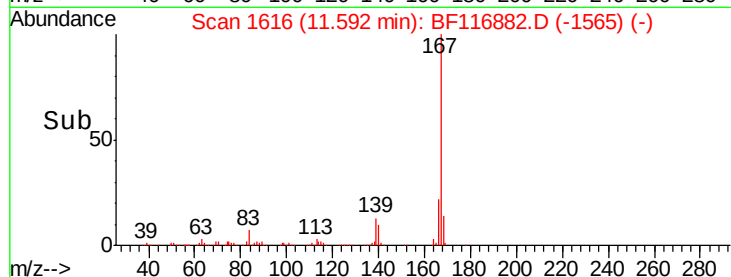
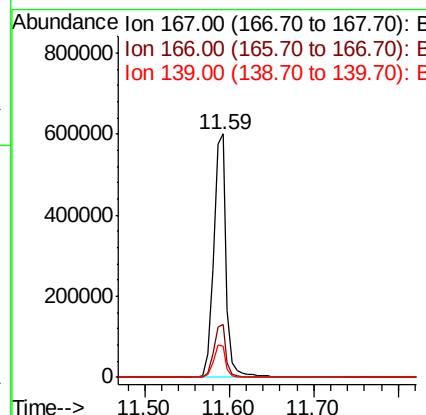
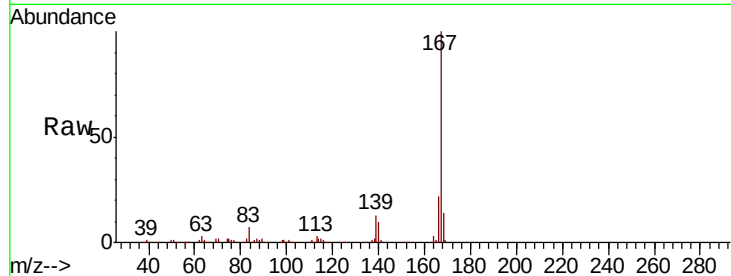




#73
 Carbazole
 Concen: 43.124 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116882.D
 Acq: 8 Sep 2019 21:11

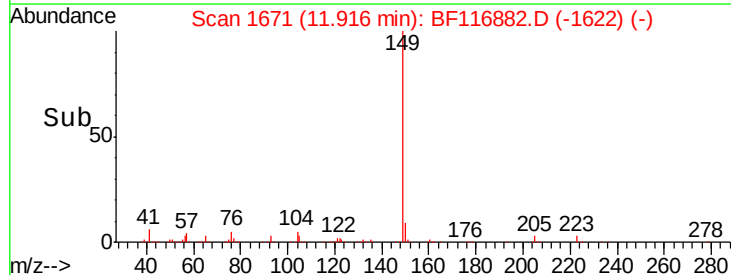
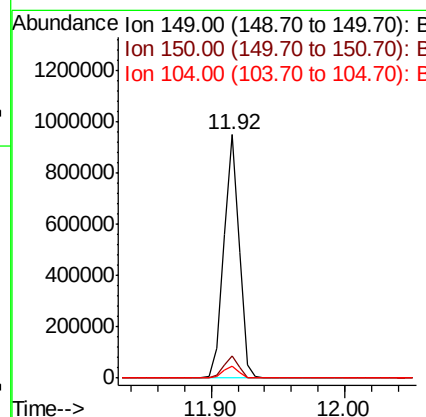
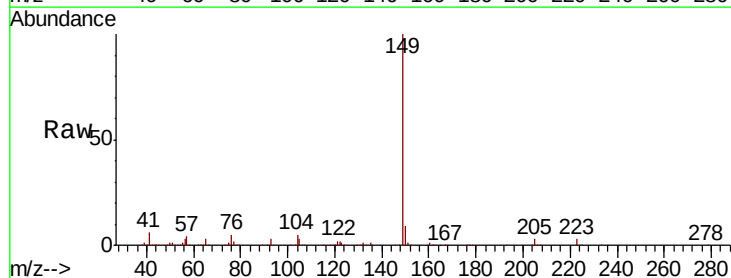
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

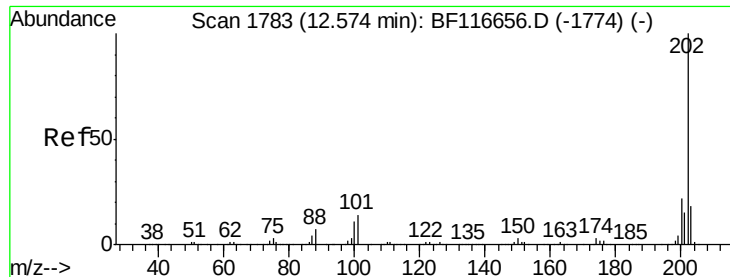
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.6
139	12.9	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 41.416 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116882.D
 Acq: 8 Sep 2019 21:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.2	10.8
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 43.779 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

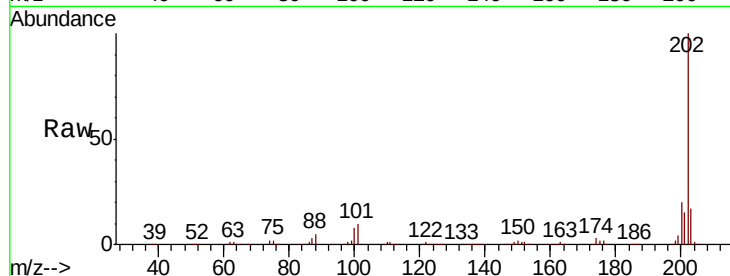
Tot Ion:202 Resp: 652364

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.3

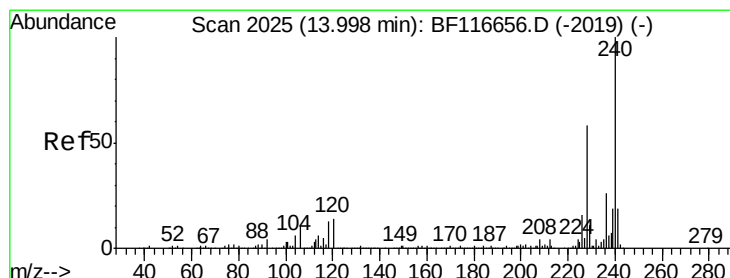
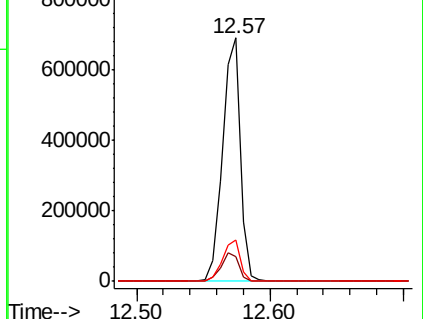
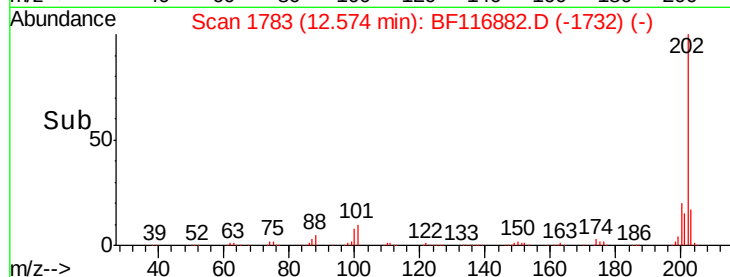
203 17.2 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

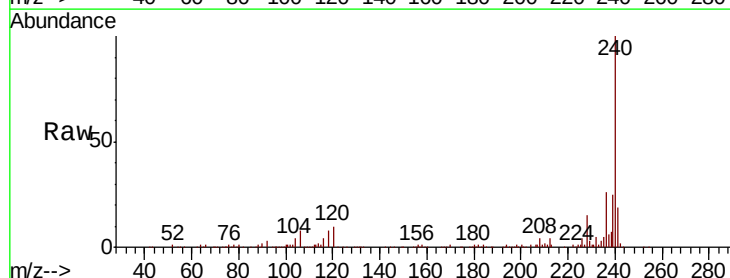
Tgt Ion:240 Resp: 176540

Ion Ratio Lower Upper

240 100

120 9.7 9.1 13.7

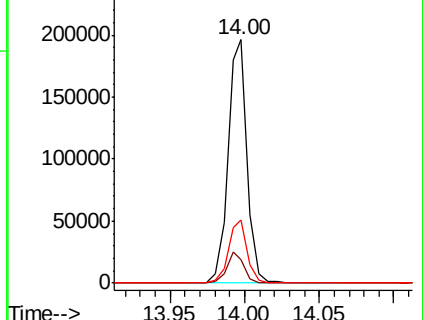
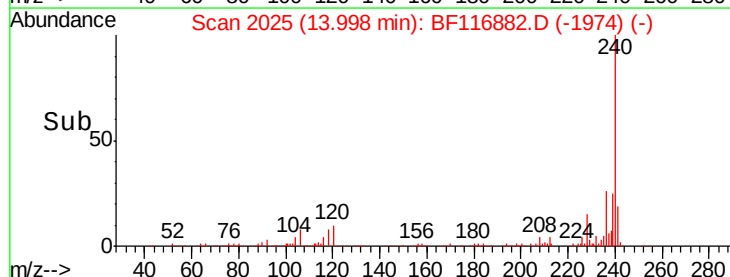
236 25.7 21.1 31.7

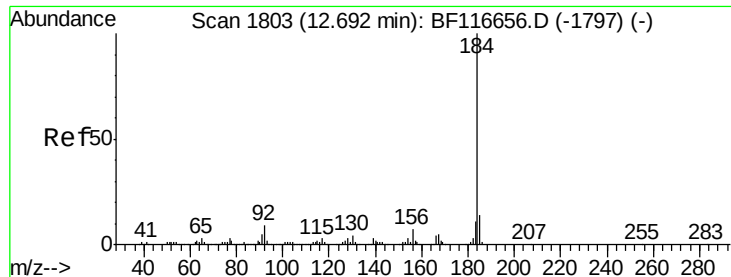


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.391 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

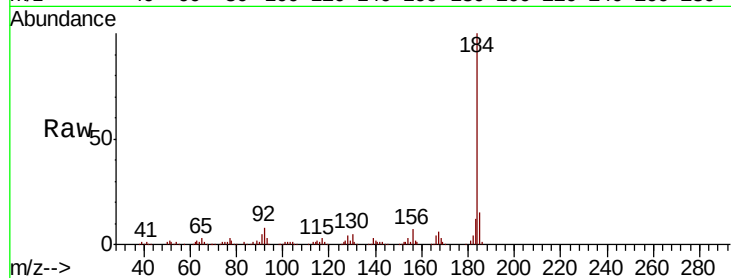
Tot Ion:184 Resp: 265831

Ion Ratio Lower Upper

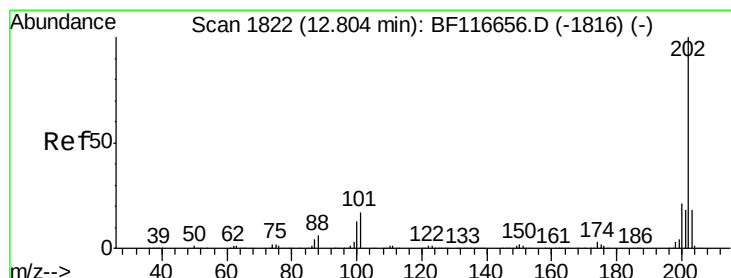
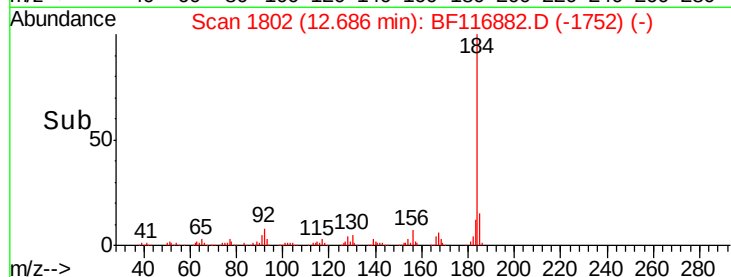
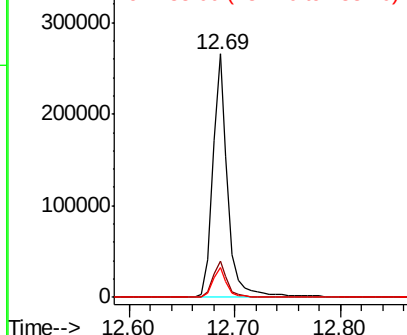
184 100

185 14.7 11.3 16.9

183 12.0 9.2 13.8



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



#78

Pyrene

Concen: 41.792 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

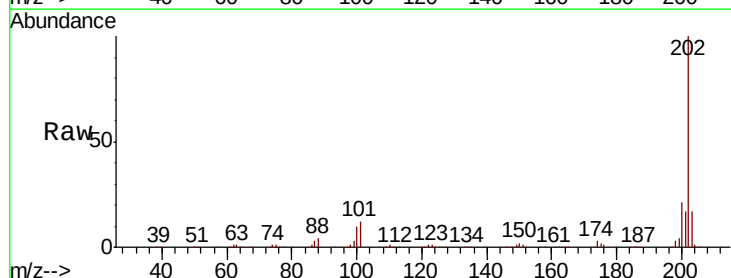
Tgt Ion:202 Resp: 655856

Ion Ratio Lower Upper

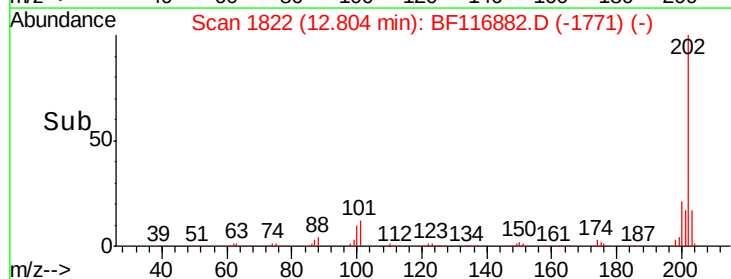
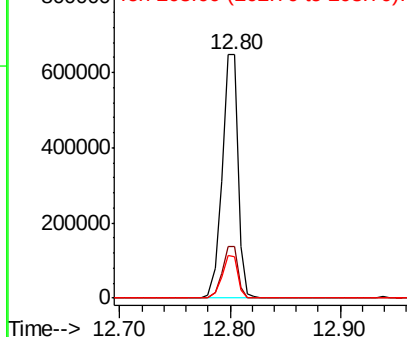
202 100

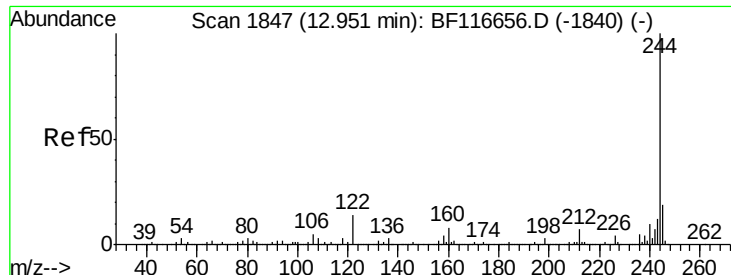
200 21.1 16.5 24.7

203 16.9 13.7 20.5



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

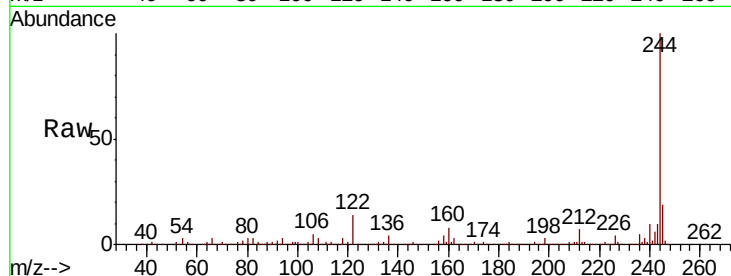




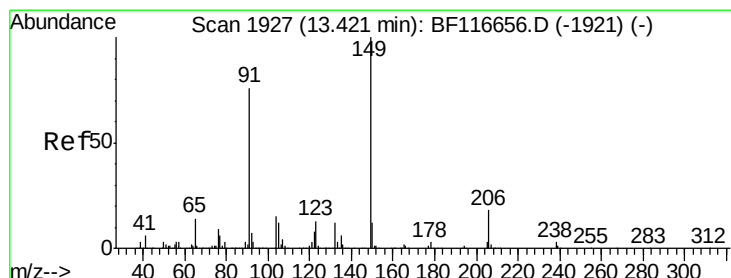
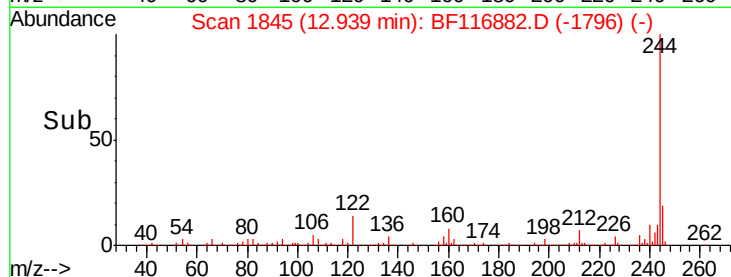
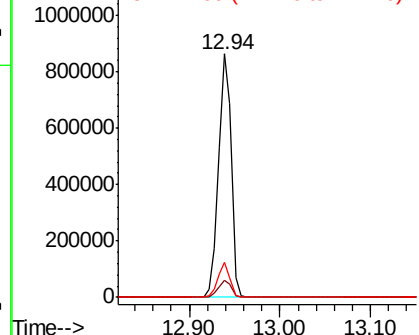
#79
Terphenyl-d14
Concen: 88.033 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:244 Resp: 840099
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 14.5 10.2 15.4

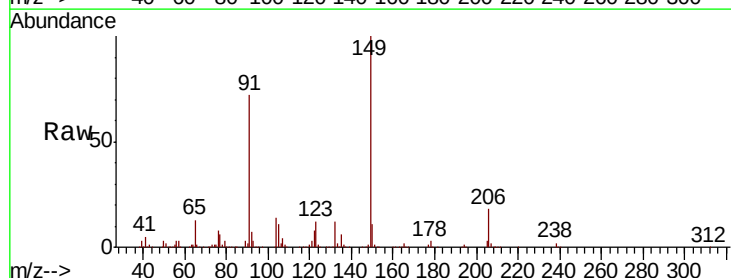


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

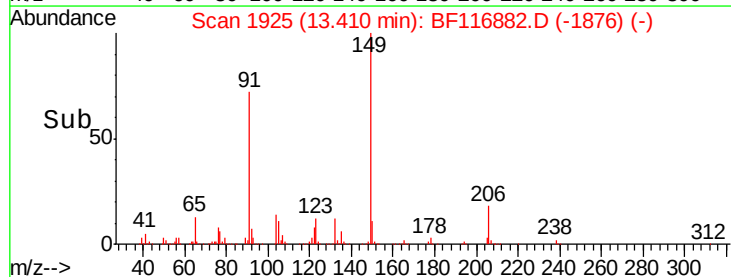
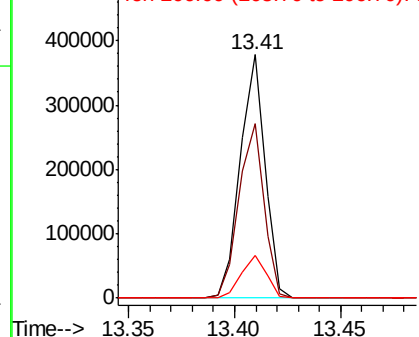


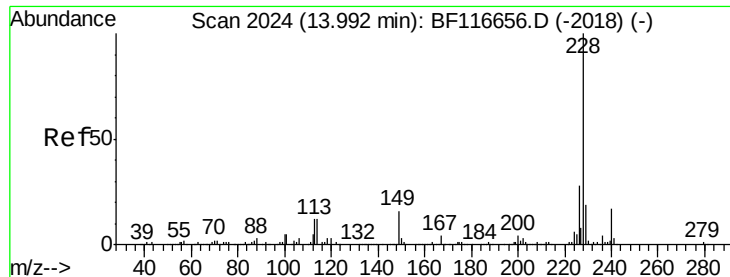
#80
Butylbenzylphthalate
Concen: 40.092 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion:149 Resp: 305968
Ion Ratio Lower Upper
149 100
91 71.6 61.0 91.4
206 17.8 14.8 22.2



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: 44.389 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

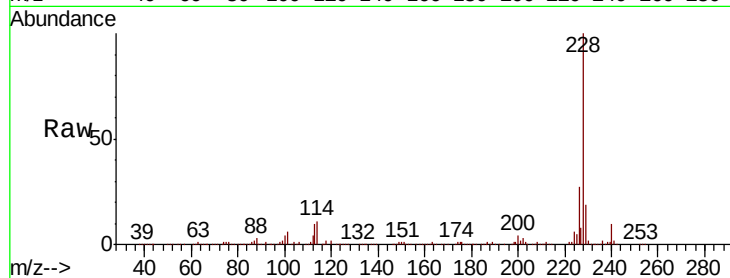
Tot Ion:228 Resp: 495964

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

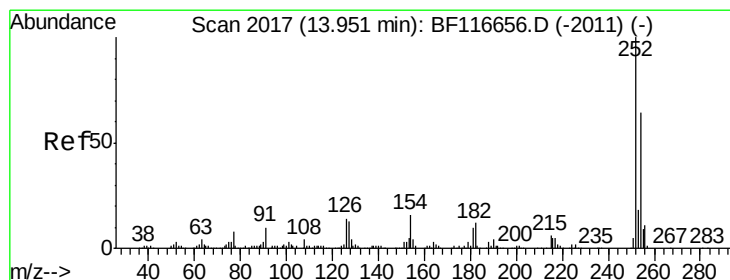
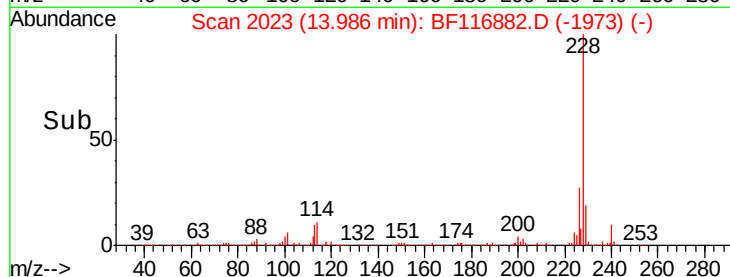
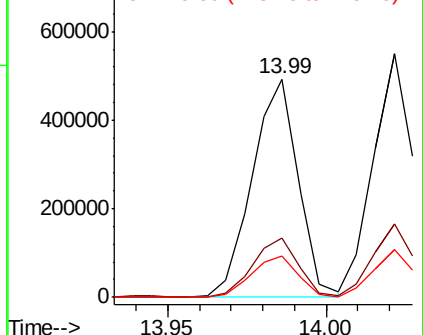
229 19.2 16.4 24.6



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



#82

3,3'-Dichlorobenzidine

Concen: 40.694 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

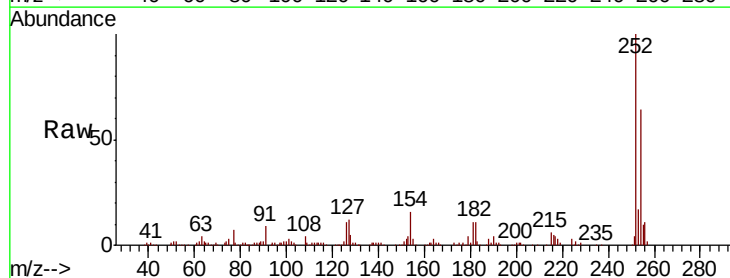
Tgt Ion:252 Resp: 153658

Ion Ratio Lower Upper

252 100

254 64.4 50.1 75.1

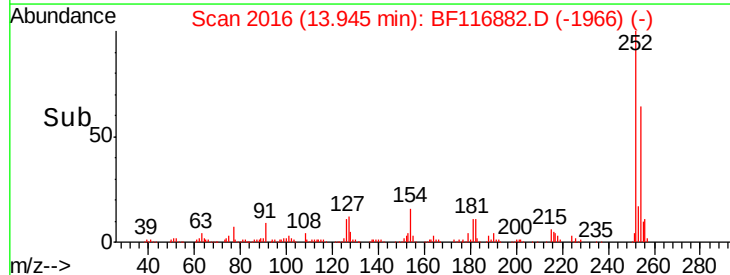
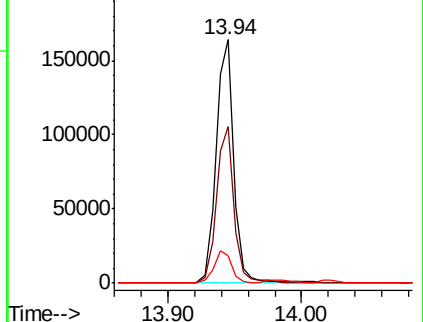
126 11.1 10.6 16.0

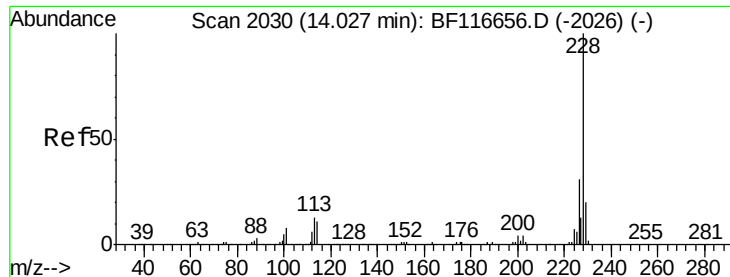


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.602 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

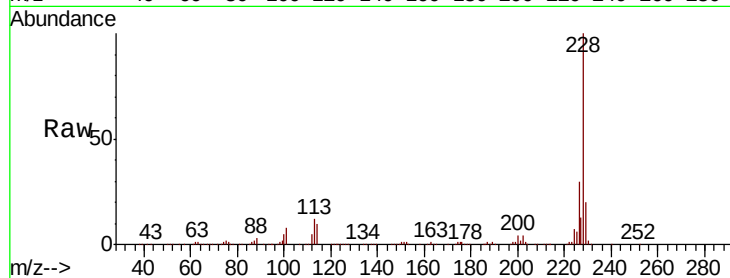
Tot Ion:228 Resp: 478885

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

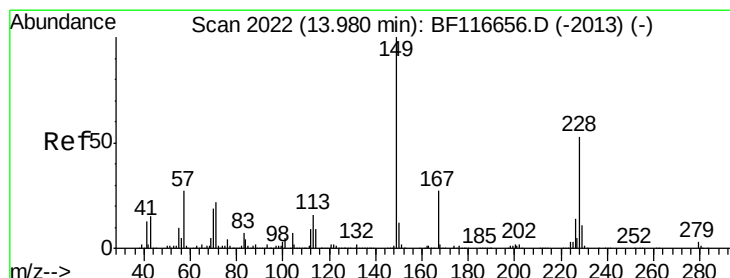
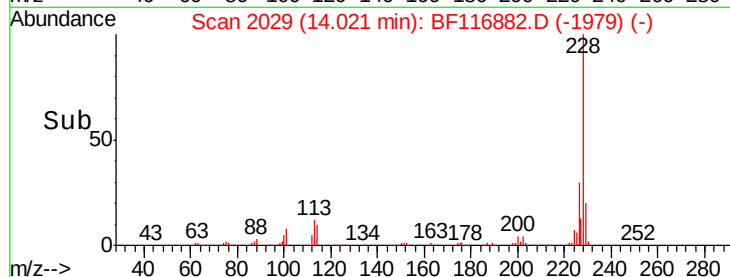
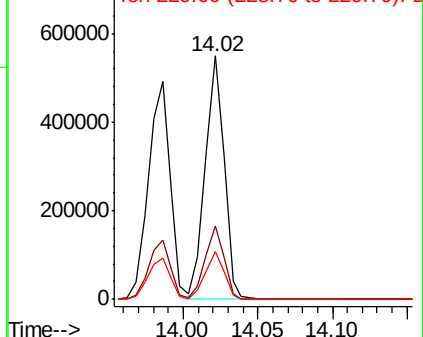
229 19.8 15.4 23.0



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: 40.324 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

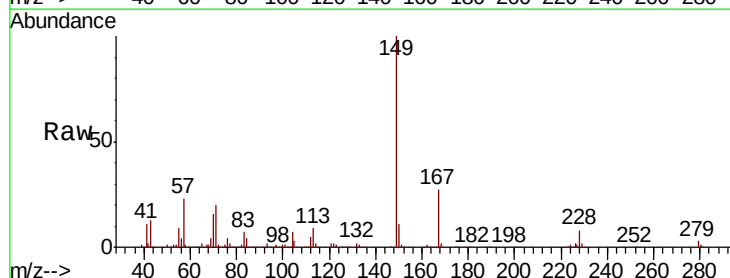
Tgt Ion:149 Resp: 379874

Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.4

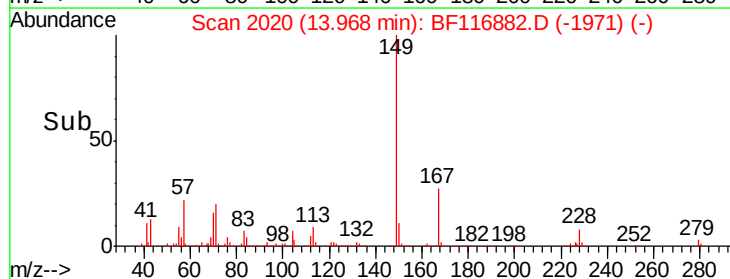
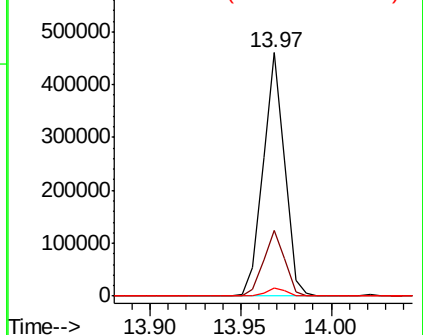
279 3.3 2.8 4.2

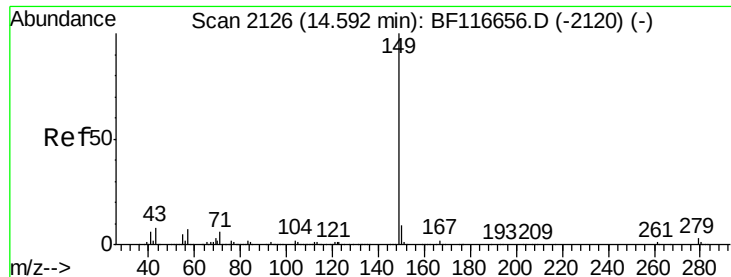


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

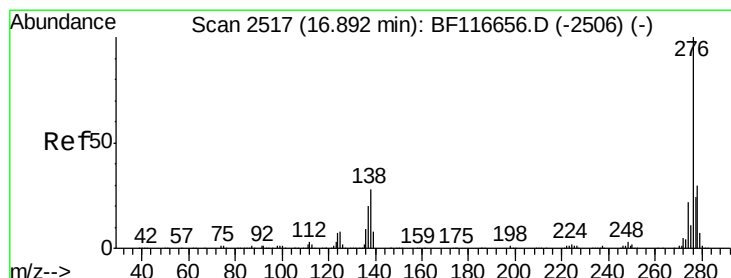
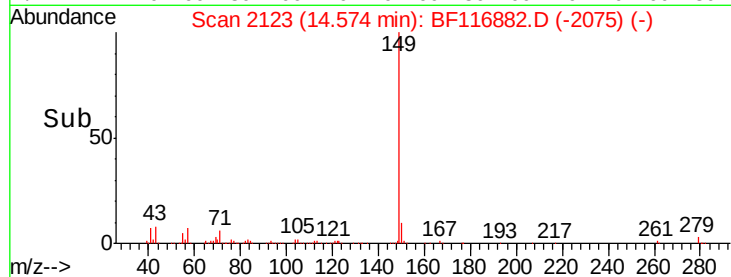
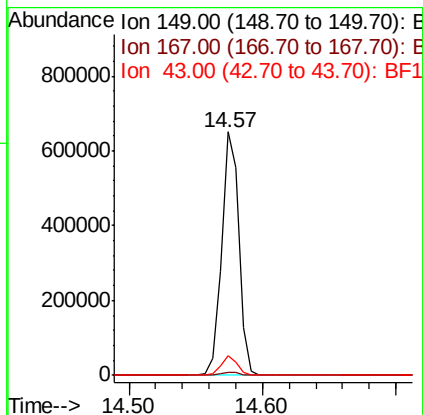
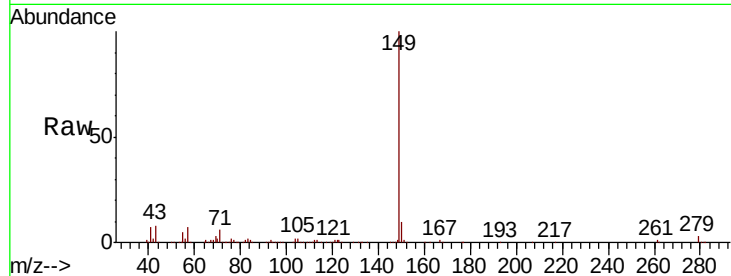




#85
Di-n-octyl phthalate
Concen: 38.524 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

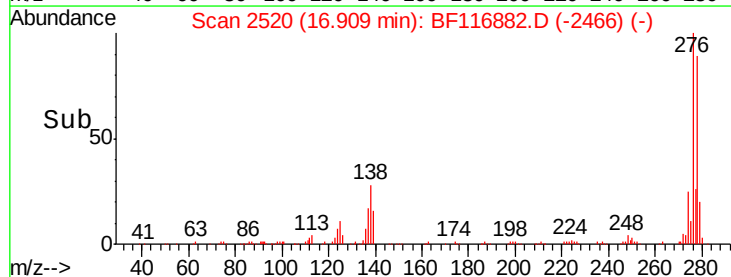
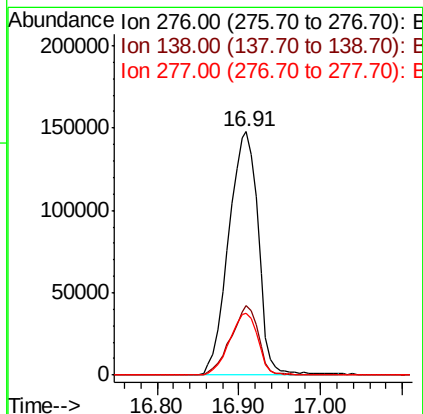
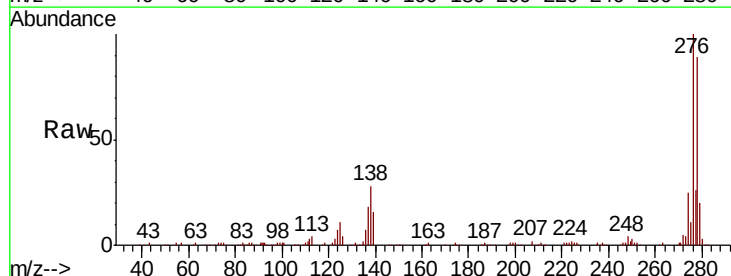
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

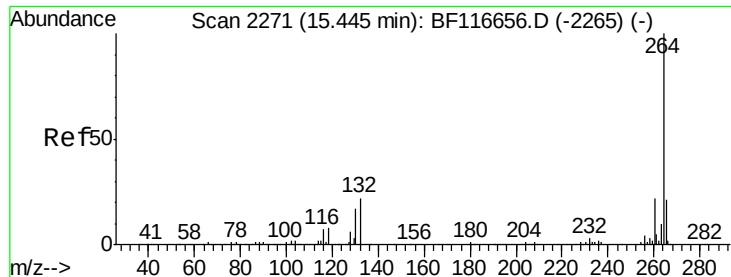
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.4	7.8	11.8#



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.267 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.02 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	19.4	29.2
277	24.7	20.5	30.7



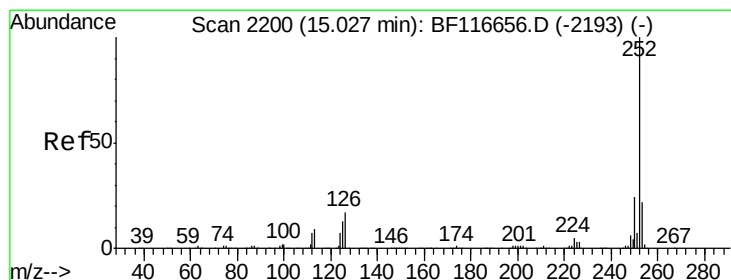
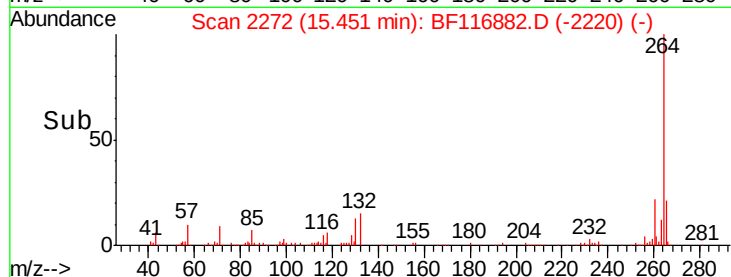
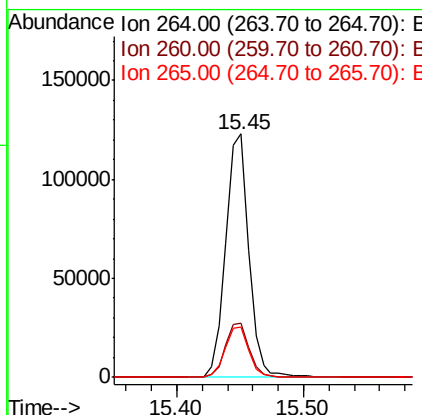
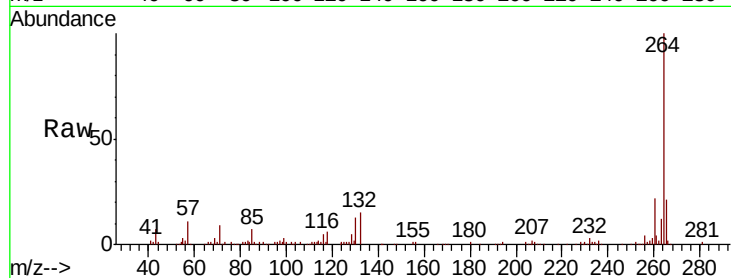


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 155467

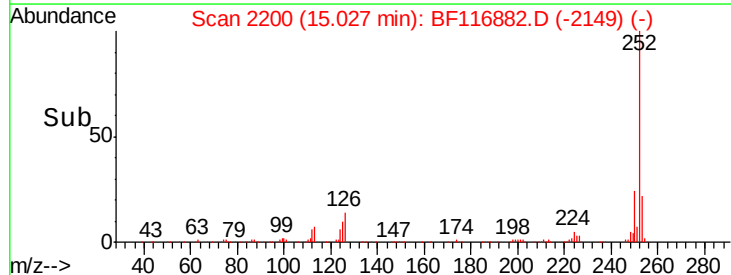
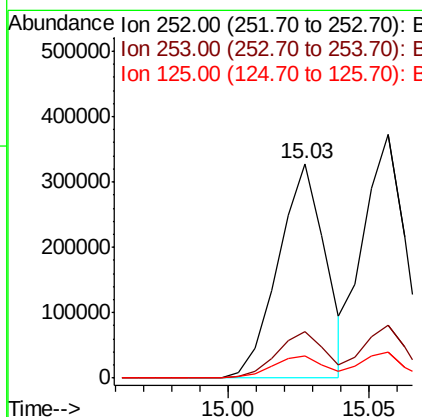
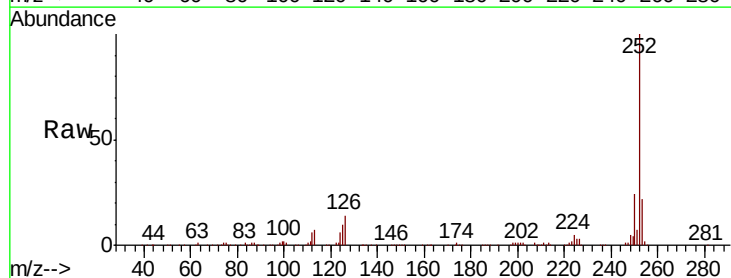
Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.3	27.5
265	20.9	16.5	24.7

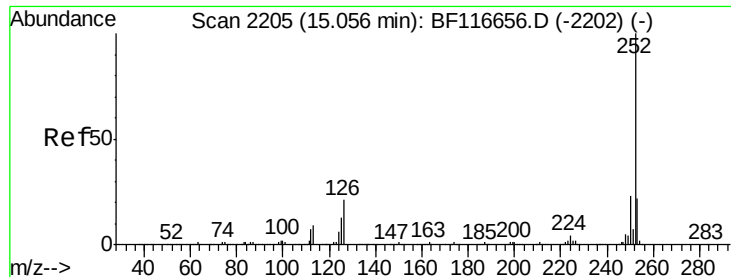


#88
Benzo(b)fluoranthene
Concen: 40.562 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion:252 Resp: 381253

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.1	8.2	12.2

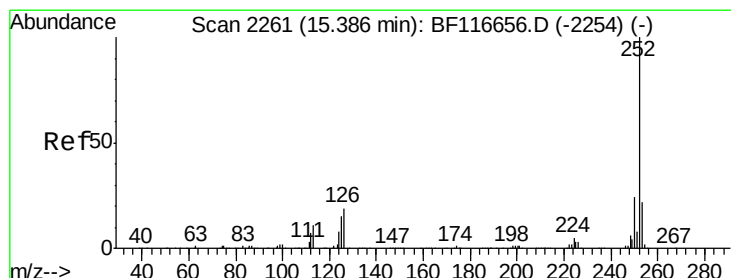
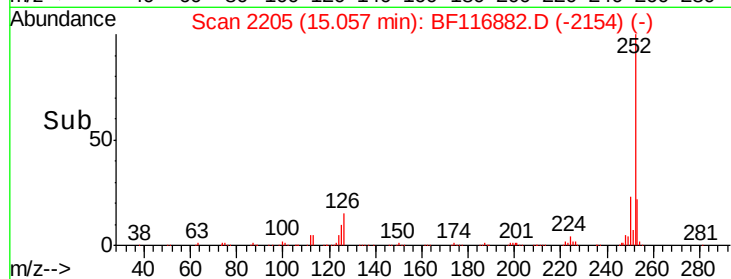
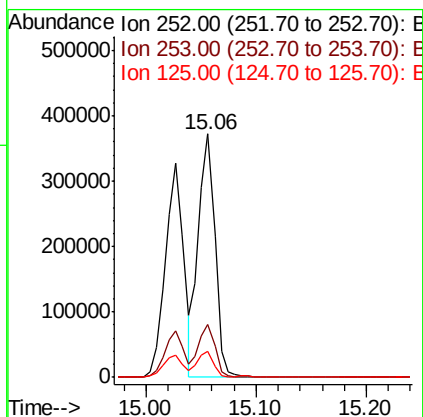
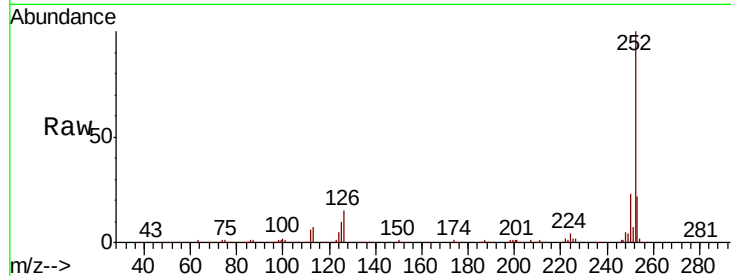




#89
Benzo(k)fluoranthene
Concen: 44.698 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

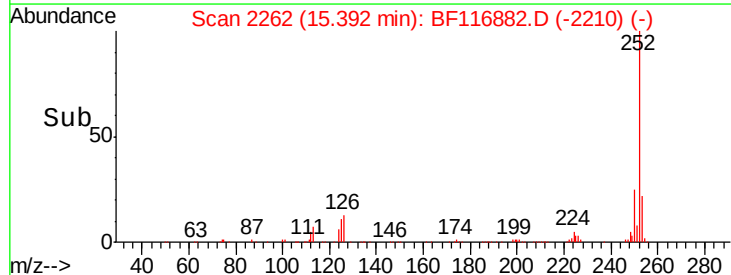
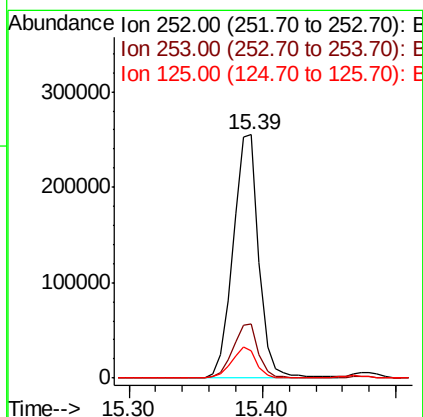
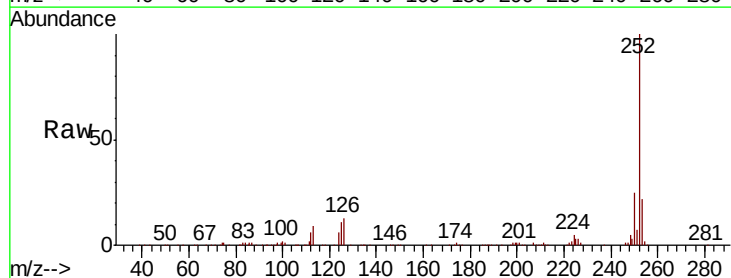
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

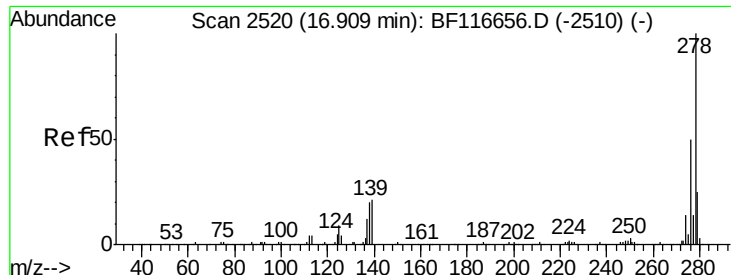
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.5	8.6	13.0



#90
Benzo(a)pyrene
Concen: 42.007 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.1	9.8	14.8

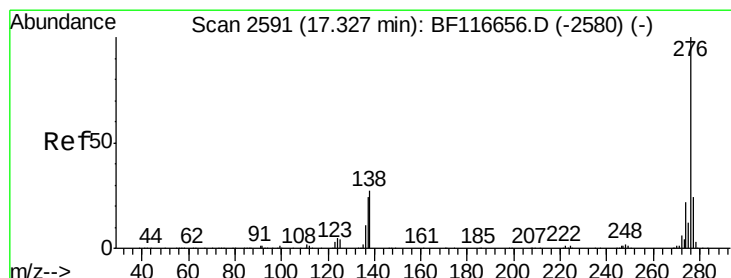
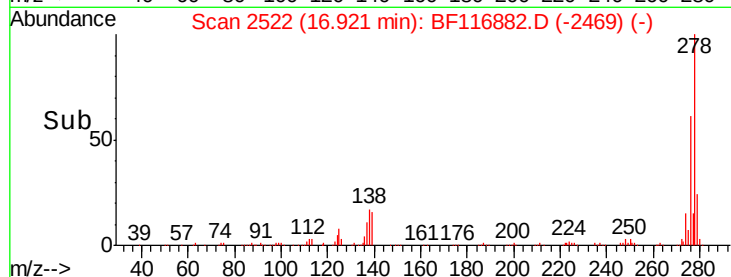
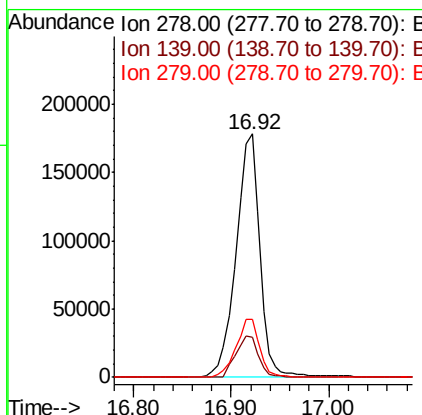
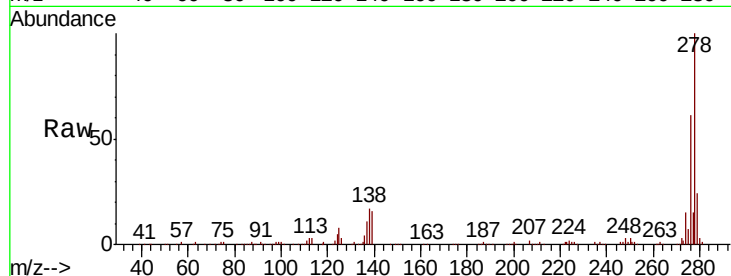




#91
Dibenzo(a,h)anthracene
Concen: 42.300 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 302776
Ion Ratio Lower Upper
278 100
139 16.4 12.4 18.6
279 23.9 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 41.852 ng
RT: 17.34 min Scan# 2594
Delta R.T. 0.02 min
Lab File: BF116882.D
Acq: 8 Sep 2019 21:11

Tgt Ion:276 Resp: 305525
Ion Ratio Lower Upper
276 100
277 24.3 18.5 27.7
138 23.5 16.2 24.2

