

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090819\
 Data File : BF116886.D
 Acq On : 8 Sep 2019 23:08
 Operator : HP/JU
 Sample : K4636-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 02:16:45 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	6.84	152	78838	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	324342	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	169065	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	274125	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	166650	20.00	ng	0.00
87) Perylene-d12	15.45	264	193187	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	293855	60.38	ng	0.00
7) Phenol-d6	6.47	99	411966	64.47	ng	-0.01
23) Nitrobenzene-d5	7.40	82	247333	43.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	84642	74.89	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	466007	46.50	ng	-0.02
79) Terphenyl-d14	12.94	244	404972	44.95	ng	-0.01

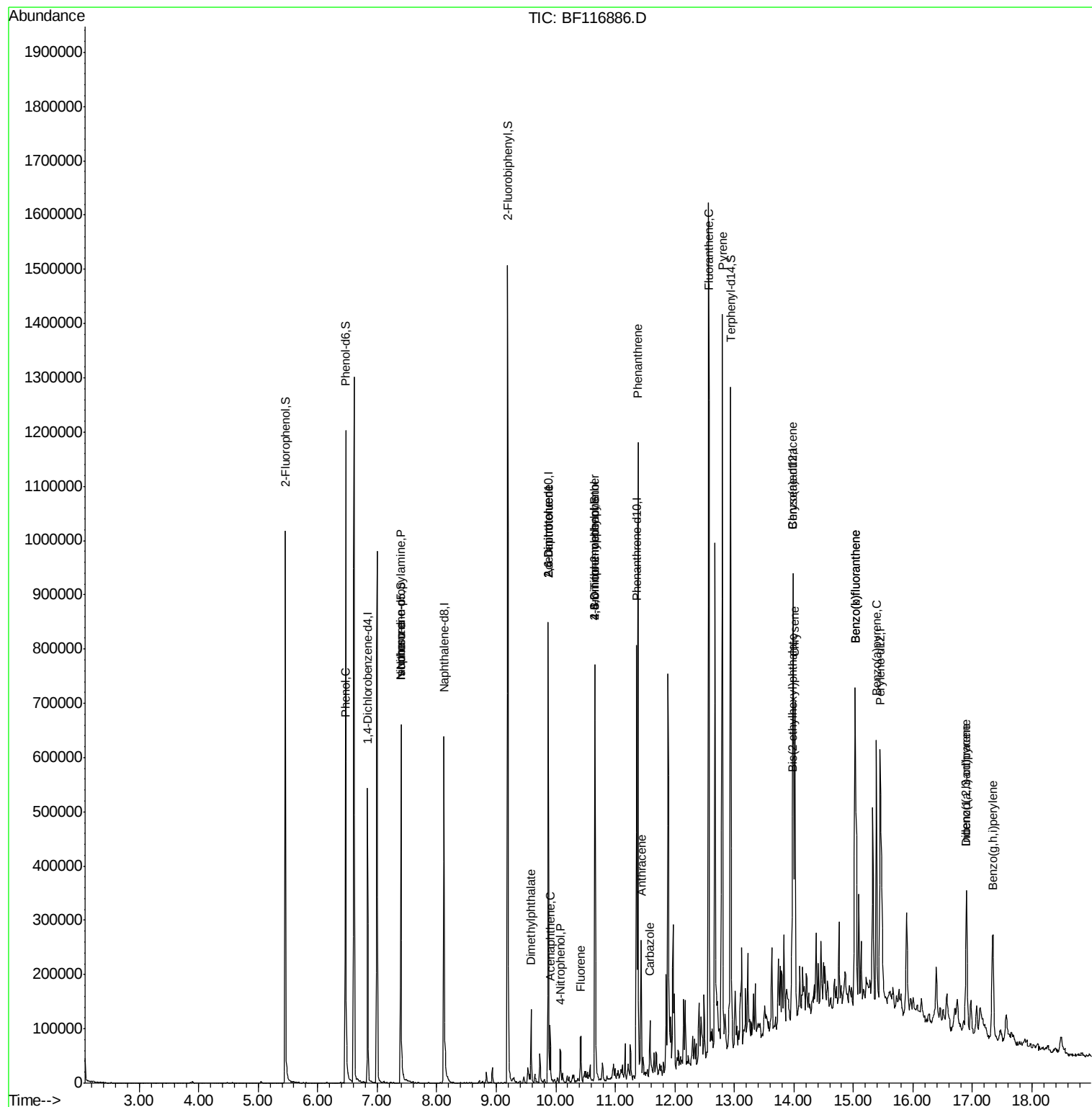
Target Compounds				Qvalue		
10) Phenol	6.48	94	14770	2.087	ng	97
19) n-Nitroso-di-n-propylamine	7.40	70	32461	7.715	ng	# 69
25) Isophorone	7.40	82	247331	21.483	ng	# 66
50) Dimethylphthalate	9.59	163	59292	5.080	ng	99
51) 2,6-Dinitrotoluene	9.87	165	22213	9.975	ng	# 20
52) Acenaphthene	9.90	154	20162	2.136	ng	95
56) 4-Nitrophenol	10.07	139	7594	3.968	ng	# 1
57) 2,4-Dinitrotoluene	9.87	165	22213	8.157	ng	# 20
58) Fluorene	10.42	166	26500	2.614	ng	96
65) 4,6-Dinitro-2-methylphenol	10.66	198	117	7.549	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	5756	2.067	ng	# 1
71) Phenanthrene	11.38	178	415572	27.234	ng	99
72) Anthracene	11.43	178	98653	6.422	ng	97
73) Carbazole	11.59	167	43167	2.950	ng	99
75) Fluoranthene	12.57	202	603005	40.210	ng	98
78) Pyrene	12.80	202	541263	36.537	ng	99
81) Benzo(a)anthracene	13.98	228	236563	22.429	ng	97
83) Chrysene	14.02	228	216290	19.905	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	26904	3.025	ng	97
86) Indeno(1,2,3-cd)pyrene	16.90	276	166936	19.126	ng	96
88) Benzo(b)fluoranthene	15.03	252	404031	34.592	ng	97
89) Benzo(k)fluoranthene	15.03	252	404031	37.939	ng	98
90) Benzo(a)pyrene	15.39	252	226958	22.335	ng	98
91) Dibenzo(a,h)anthracene	16.90	278	42916	4.825	ng	# 81
92) Benzo(g,h,i)perylene	17.34	276	150620	16.604	ng	97

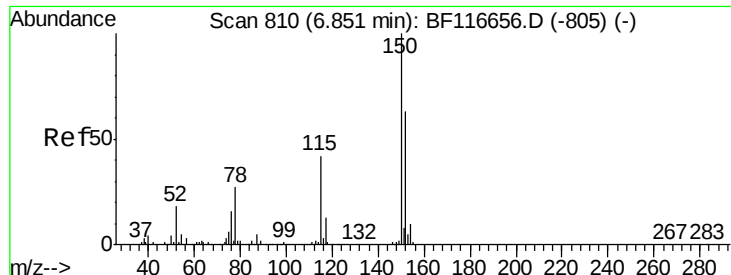
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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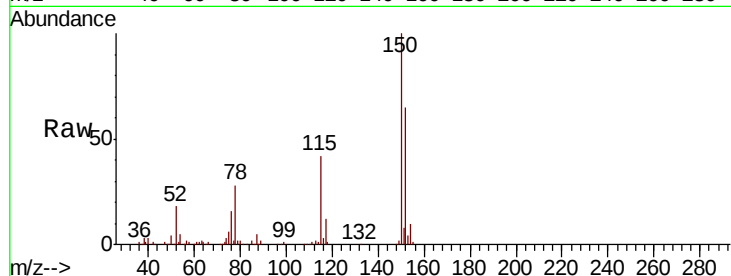


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116886.D
Acq: 8 Sep 2019 23:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.4	186.6
115	65.2	49.9	74.9

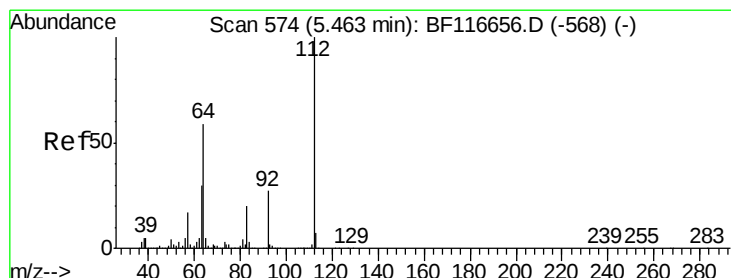
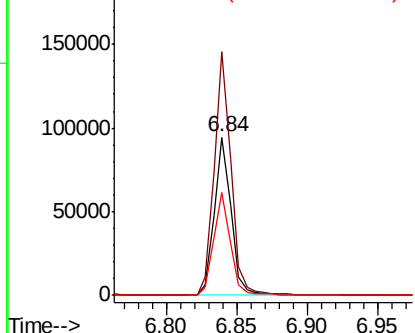
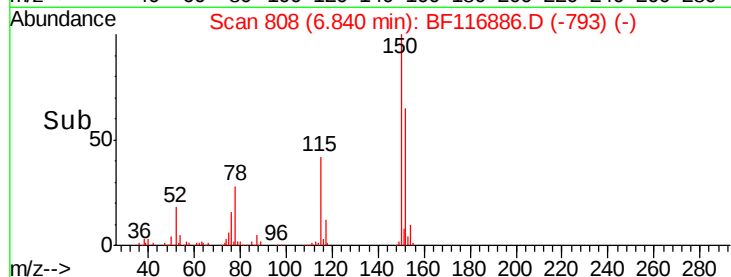


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

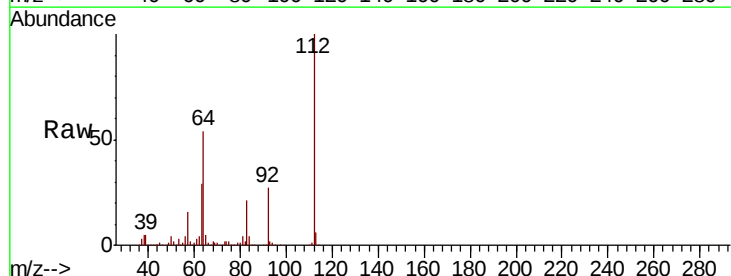
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 60.385 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116886.D
Acq: 8 Sep 2019 23:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	47.1	70.7
63	29.2	24.9	37.3

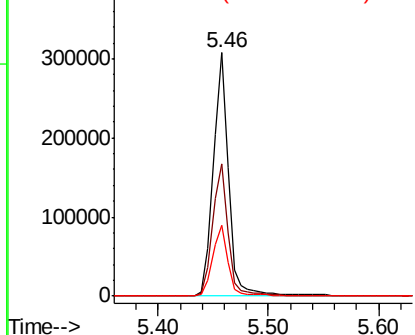
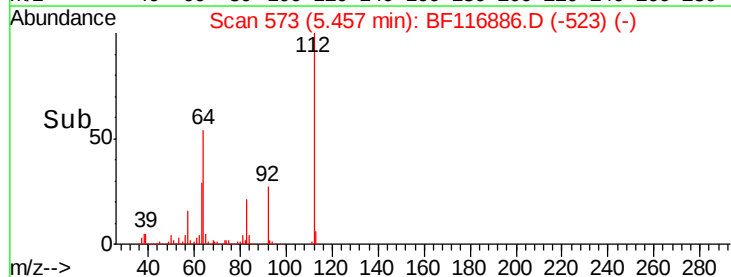


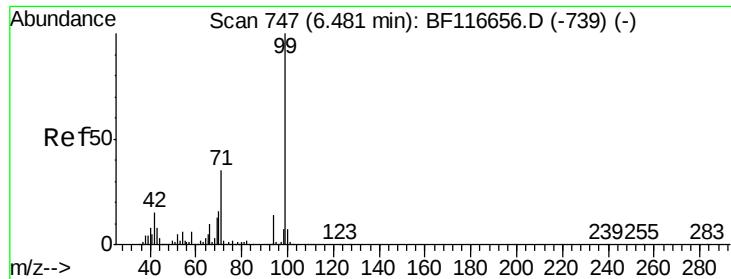
Abundance

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





#7

Phenol-d6

Concen: 64.470 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116886.D

Acq: 8 Sep 2019 23:08

Instrument :

BNA_F

ClientSampleId :

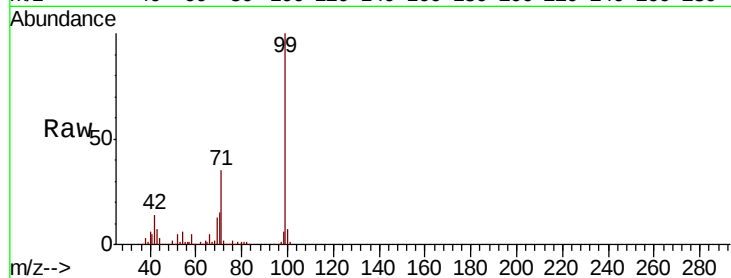
Tot Ion: 99 Resp: 411966

Ion Ratio Lower Upper

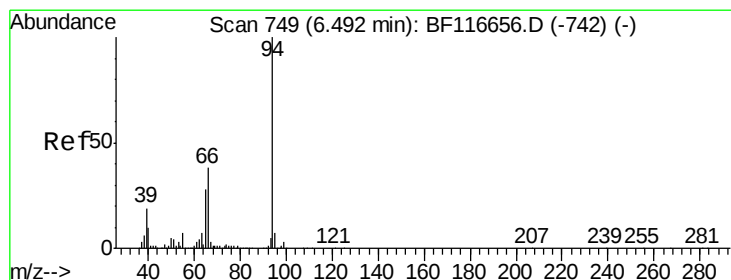
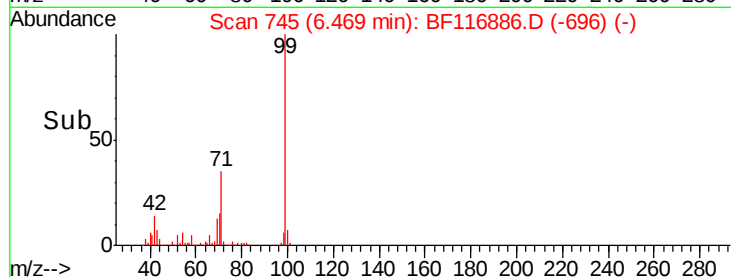
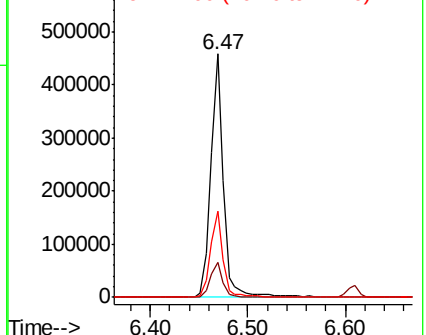
99 100

42 14.5 13.7 20.5

71 35.4 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



#10

Phenol

Concen: 2.087 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116886.D

Acq: 8 Sep 2019 23:08

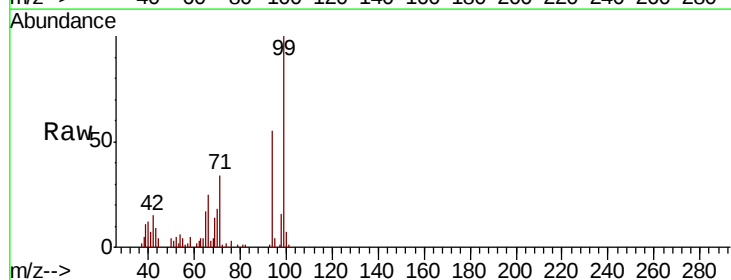
Tgt Ion: 94 Resp: 14770

Ion Ratio Lower Upper

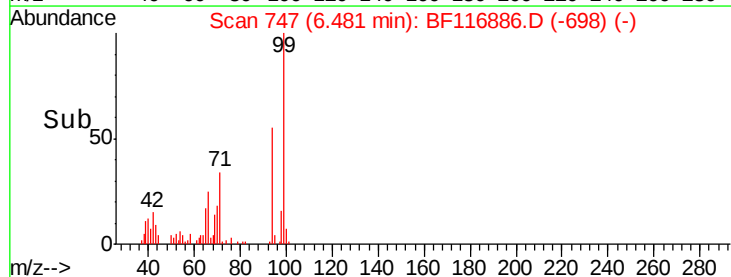
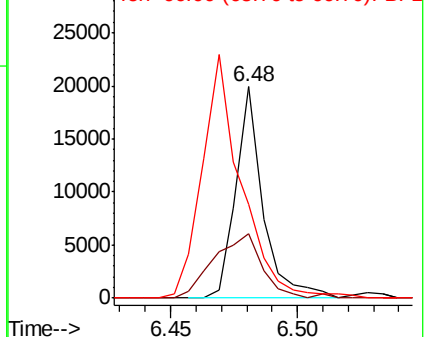
94 100

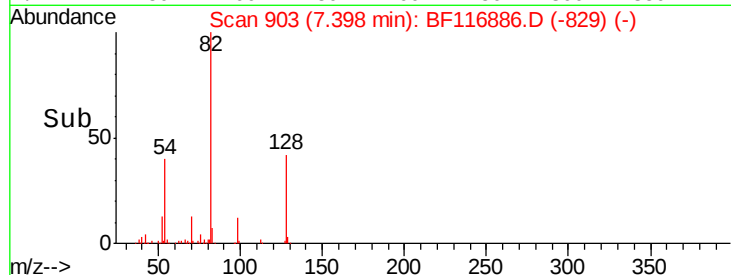
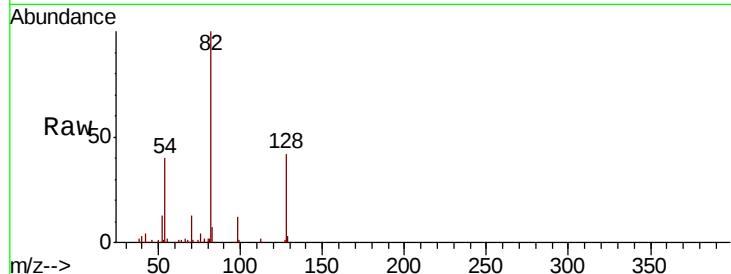
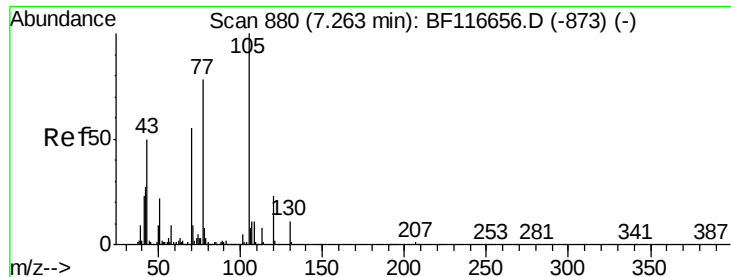
65 30.7 10.8 50.8

66 44.6 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

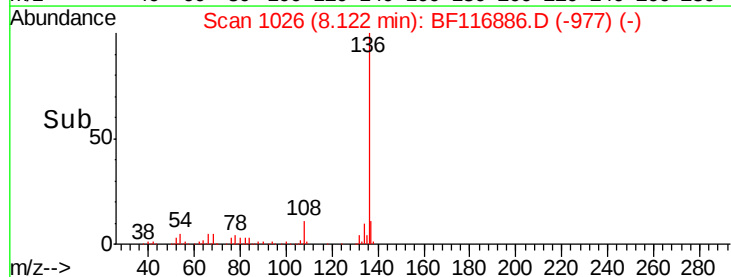
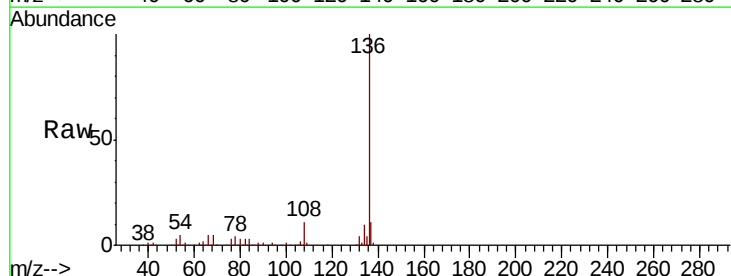
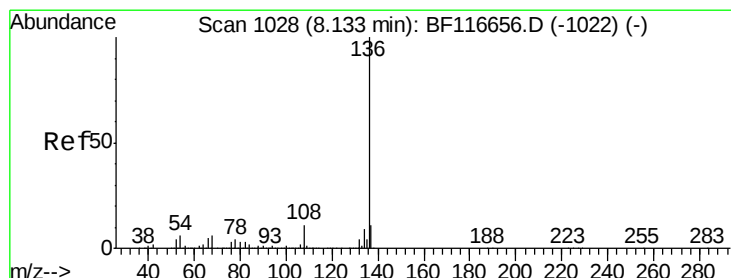
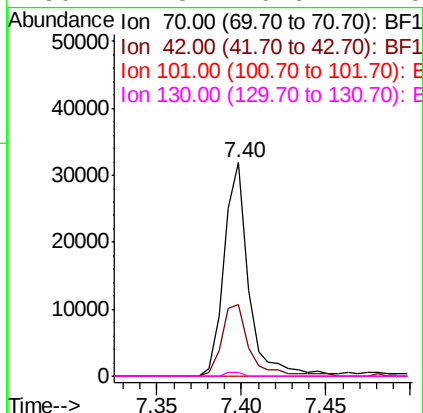




#19
n-Nitroso-di-n-propylamine
Concen: 7.715 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF116886.D
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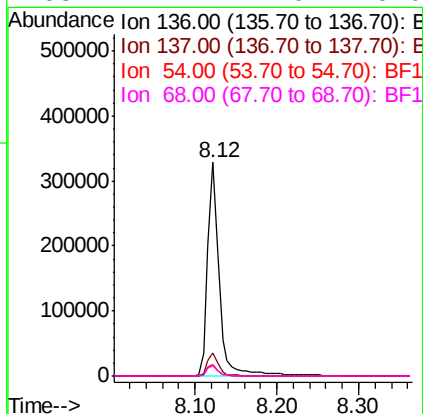
Instrument :
BNA_F
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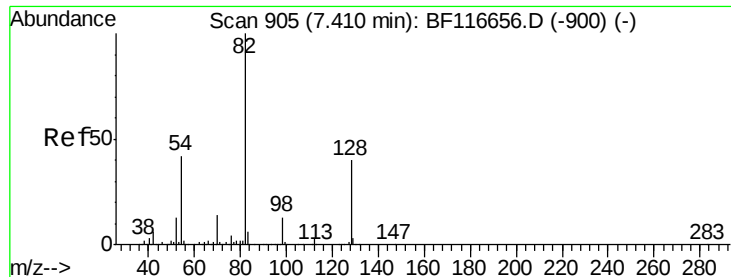
Tot Ion:	70	Resp:	32461
Ion	Ratio	Lower	Upper
70	100		
42	33.6	43.5	65.3#
101	0.0	7.8	11.6#
130	1.8	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116886.D
Acq: 8 Sep 2019 23:08

Tgt Ion:	136	Resp:	324342
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.4	4.8	7.2
68	4.7	4.0	6.0

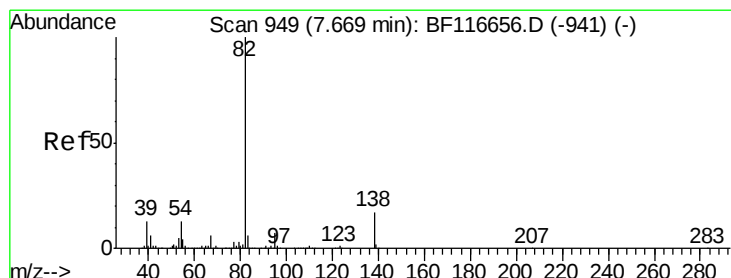
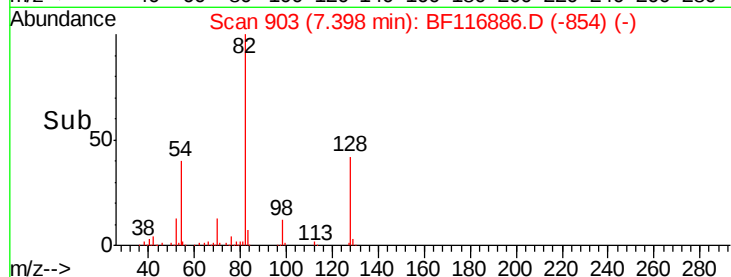
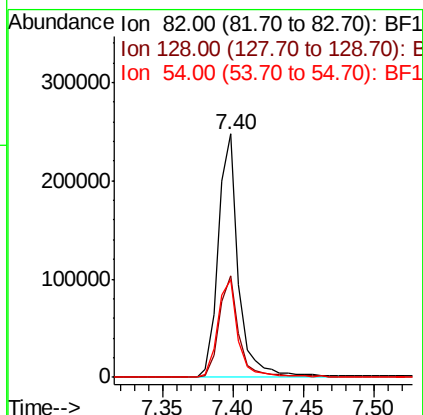
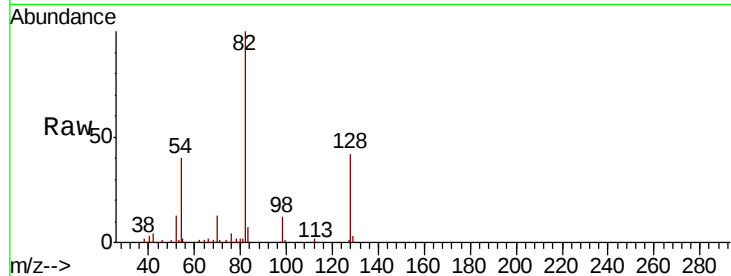




#23
Nitrobenzene-d5
Concen: 43.533 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116886.D
Acq: 8 Sep 2019 23:08

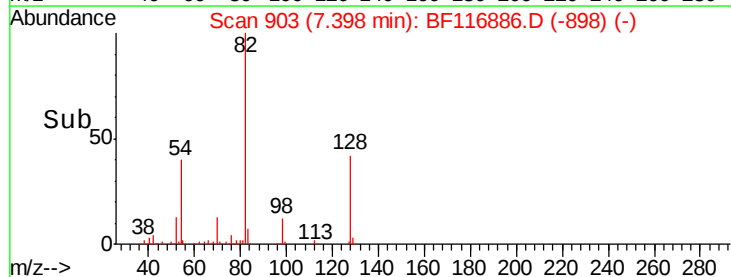
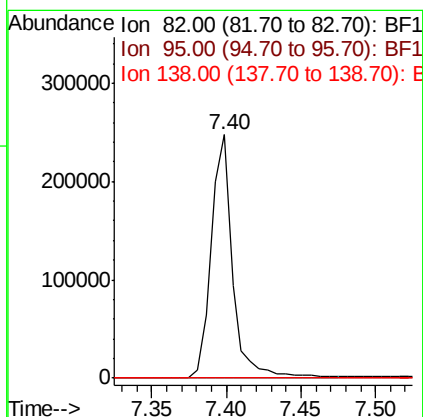
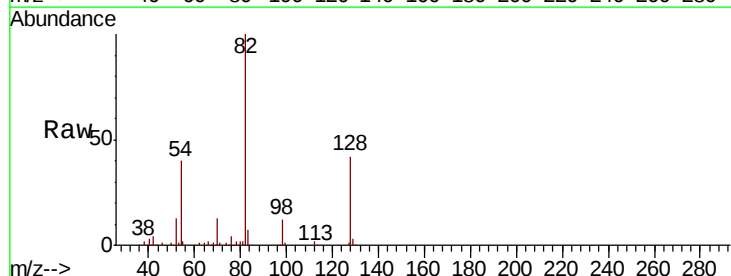
Instrument :
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ClientSampleId :

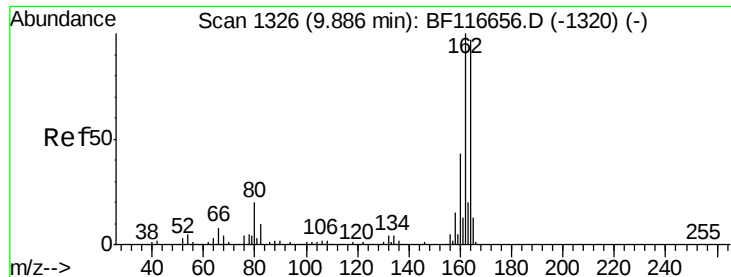
Tot Ion	82	Resp	247333
Ion Ratio	Lower	Upper	
82	100		
128	41.8	32.8	49.2
54	39.9	36.9	55.3



#25
Isophorone
Concen: 21.483 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF116886.D
Acq: 8 Sep 2019 23:08

Tgt Ion	82	Resp	247331
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

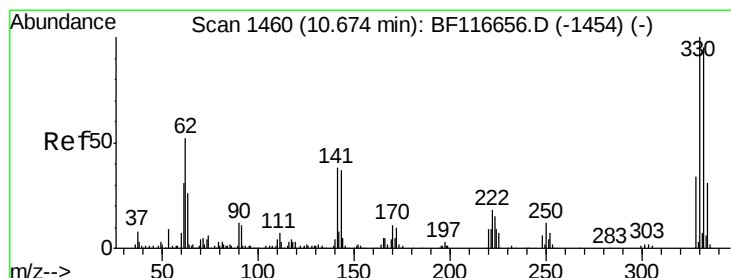
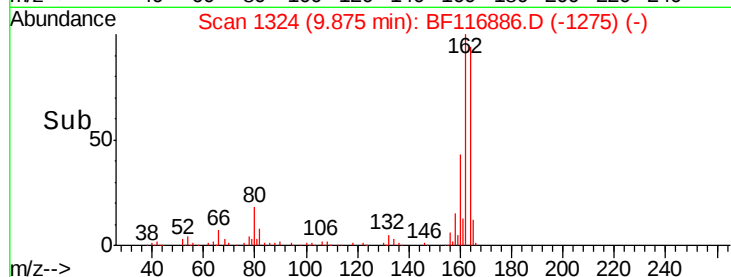
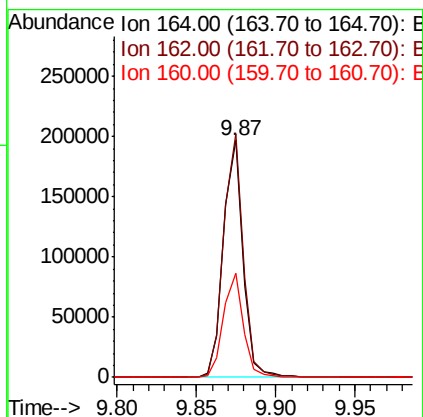
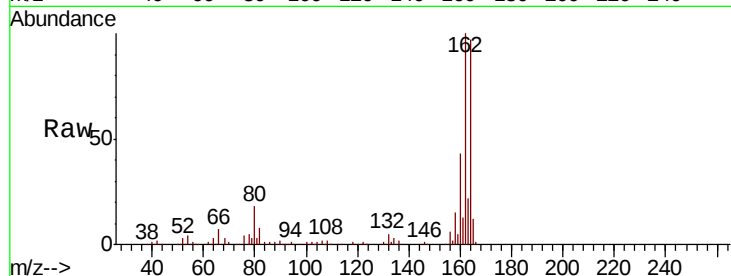




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116886.D
Acq: 8 Sep 2019 23:08

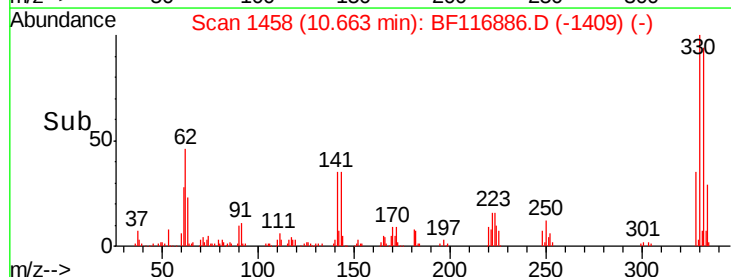
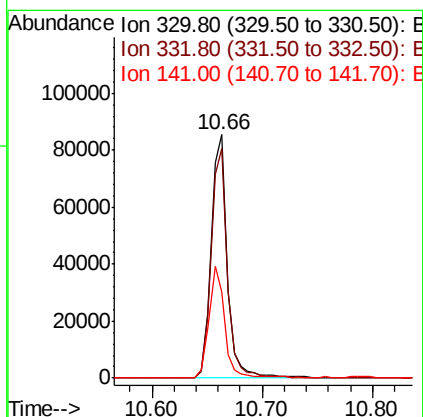
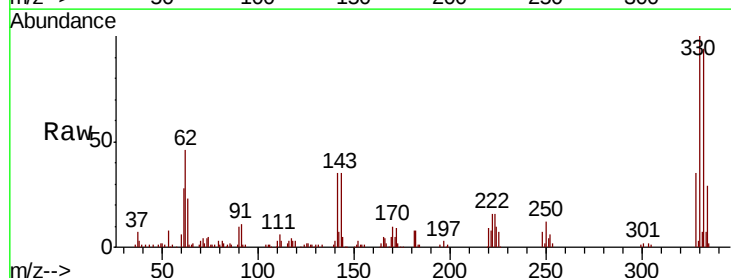
Instrument :
BNA_F
ClientSampleId :

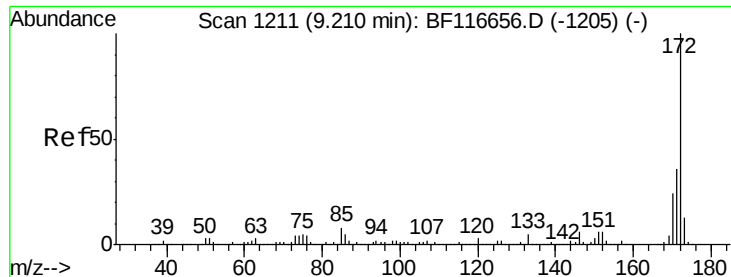
Tot Ion:164 Resp: 169065
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 44.1 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 74.889 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116886.D
Acq: 8 Sep 2019 23:08

Tgt Ion:330 Resp: 84642
Ion Ratio Lower Upper
330 100
332 94.8 76.9 115.3
141 44.8 31.4 47.2

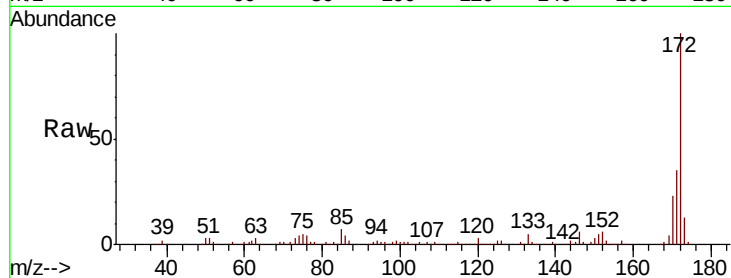




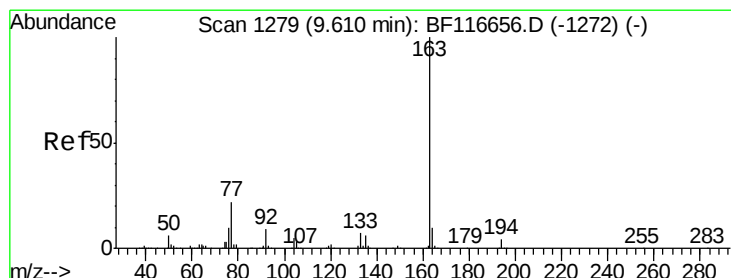
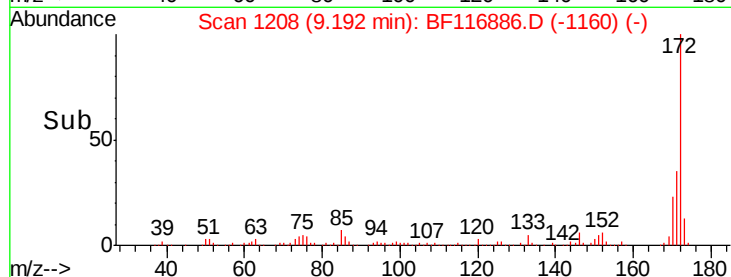
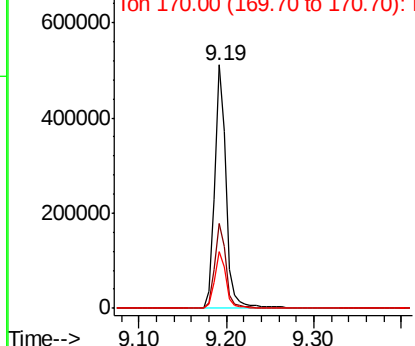
#45
 2-Fluorobiphenyl
 Concen: 46.497 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF116886.D
 Acq: 8 Sep 2019 23:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 466007
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.8 41.6
 170 23.4 18.9 28.3

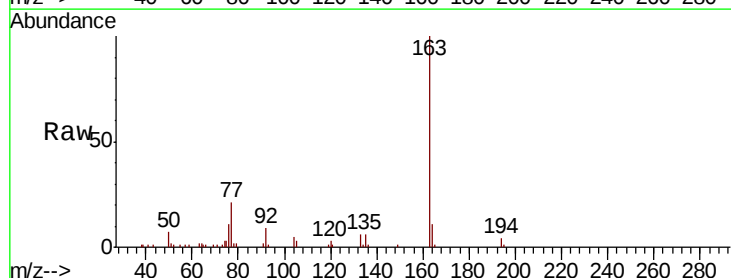


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

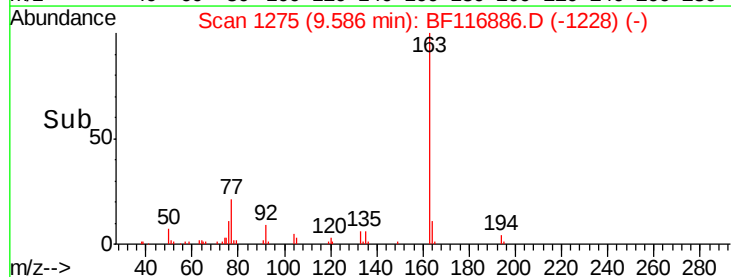
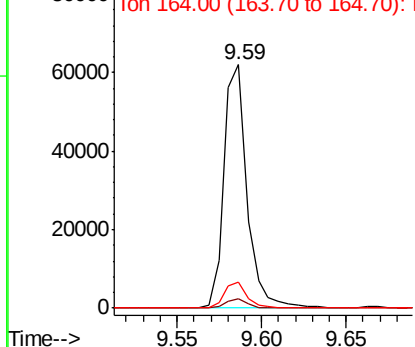


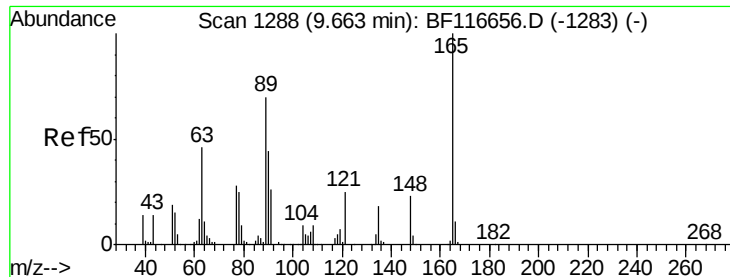
#50
 Dimethylphthalate
 Concen: 5.080 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF116886.D
 Acq: 8 Sep 2019 23:08

Tgt Ion:163 Resp: 59292
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.8 4.2
 164 10.9 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

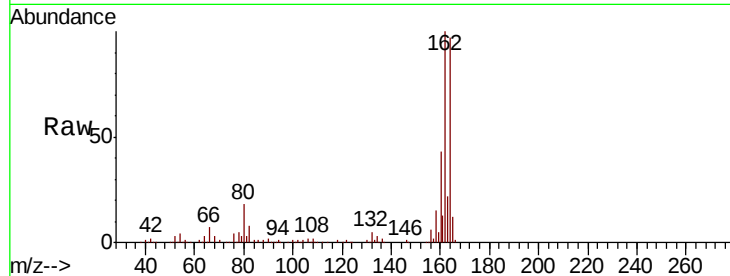




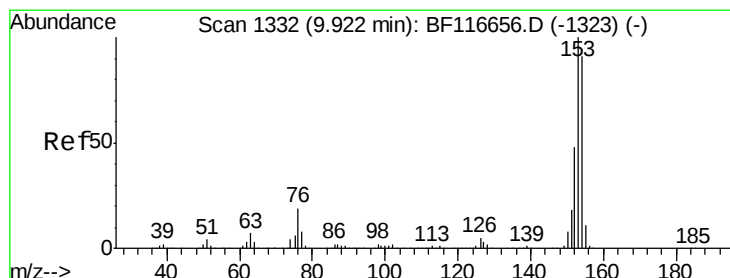
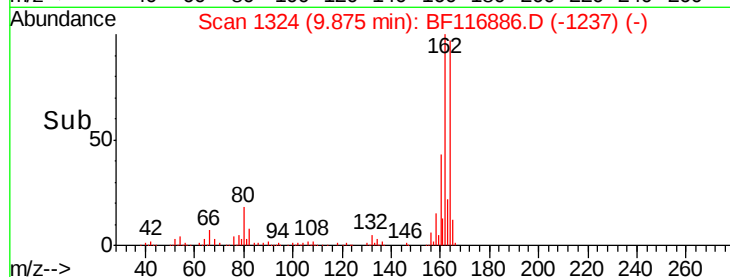
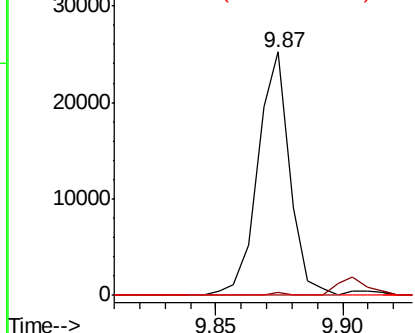
#51
 2,6-Dinitrotoluene
 Concen: 9.975 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF116886.D
 Acq: 8 Sep 2019 23:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22213
 Ion Ratio Lower Upper
 165 100
 63 1.4 47.3 70.9#
 89 0.0 52.5 78.7#

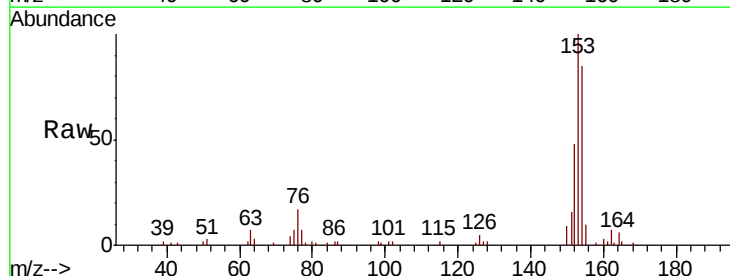


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

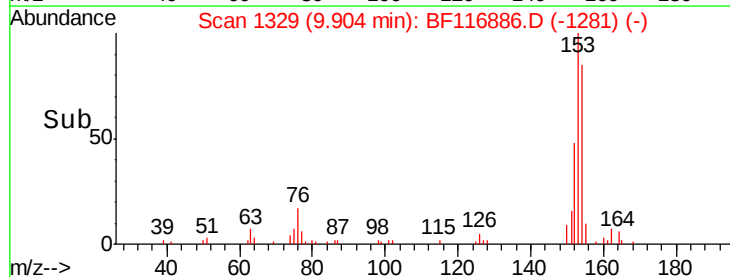
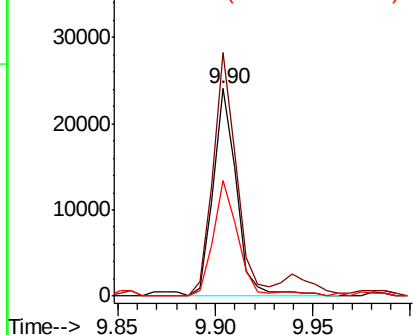


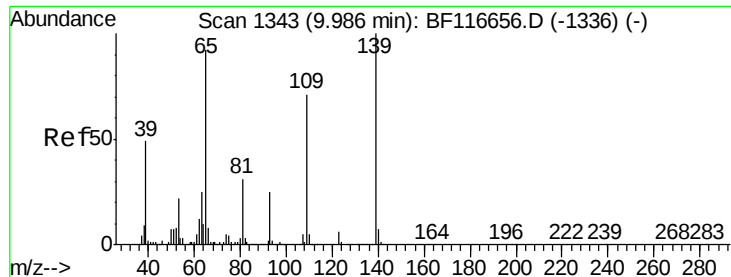
#52
 Acenaphthene
 Concen: 2.136 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF116886.D
 Acq: 8 Sep 2019 23:08

Tgt Ion:154 Resp: 20162
 Ion Ratio Lower Upper
 154 100
 153 117.4 89.5 134.3
 152 56.0 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#56

4-Nitrophenol

Concen: 3.968 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.09 min

Lab File: BF116886.D

Acq: 8 Sep 2019 23:08

Instrument :

BNA_F

ClientSampleId :

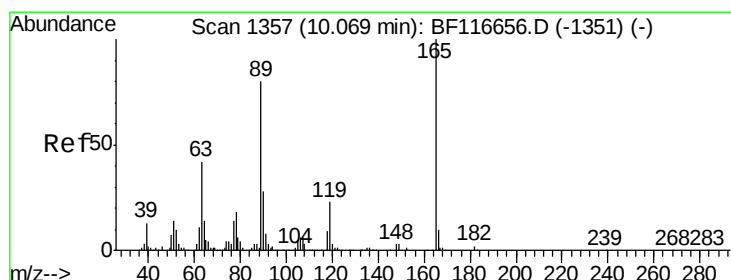
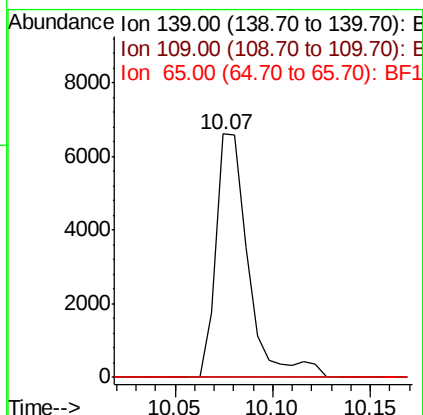
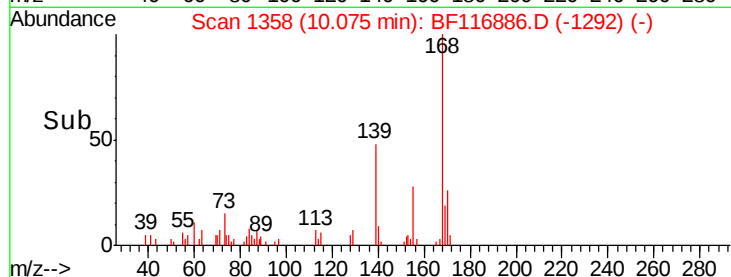
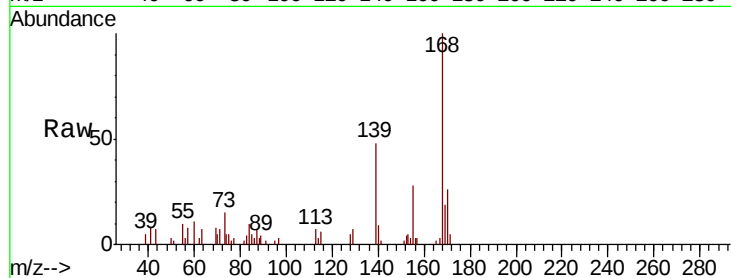
Tot Ion:139 Resp: 7594

Ion Ratio Lower Upper

139 100

109 0.0 61.7 101.7#

65 0.0 89.1 129.1#



#57

2,4-Dinitrotoluene

Concen: 8.157 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.19 min

Lab File: BF116886.D

Acq: 8 Sep 2019 23:08

Tgt Ion:165 Resp: 22213

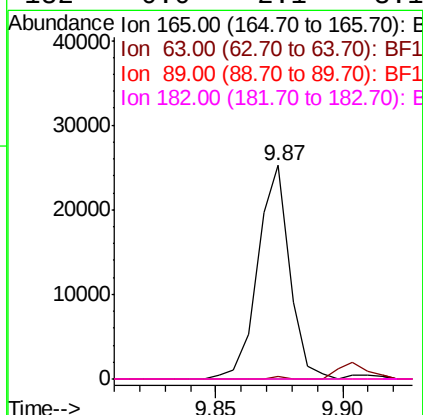
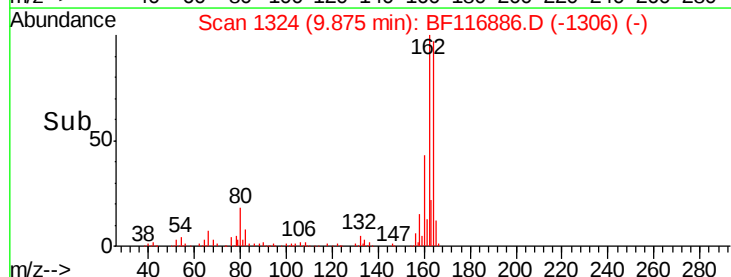
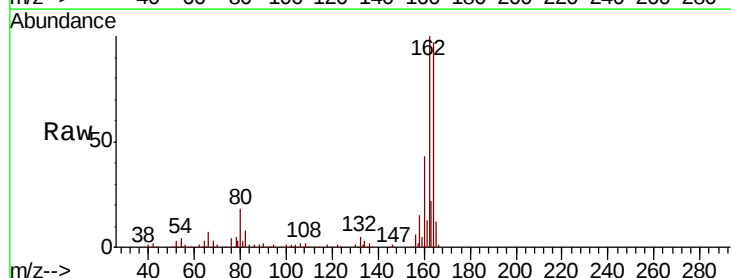
Ion Ratio Lower Upper

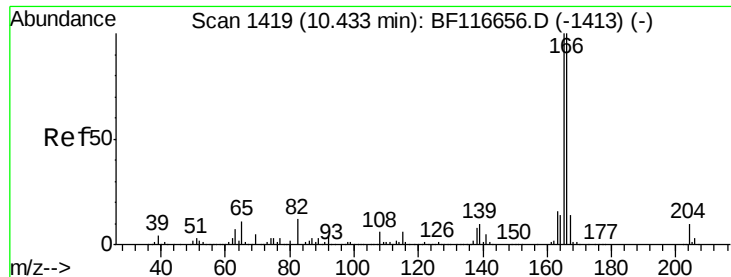
165 100

63 1.4 36.4 54.6#

89 0.0 62.6 94.0#

182 0.0 2.1 3.1#

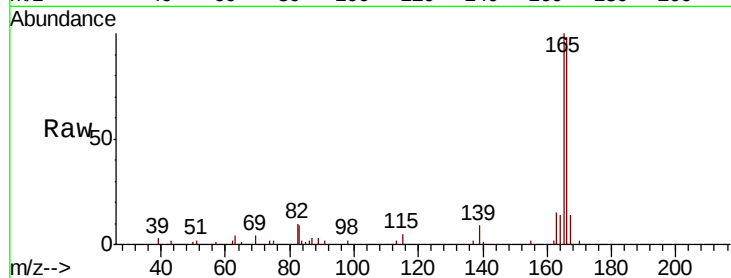




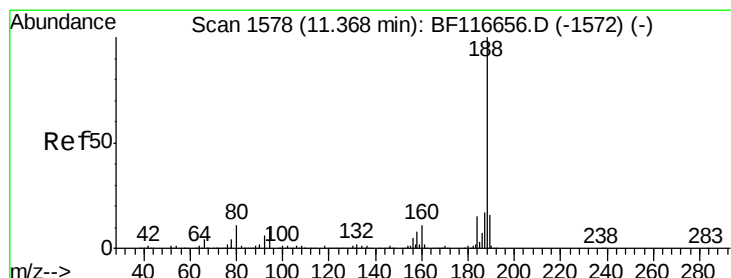
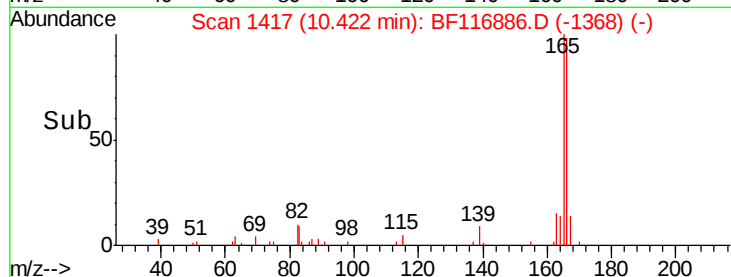
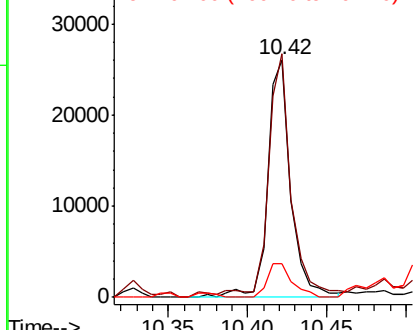
#58
 Fluorene
 Concen: 2.614 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116886.D
 Acq: 8 Sep 2019 23:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.5	78.8	118.2
167	14.0	10.0	15.0

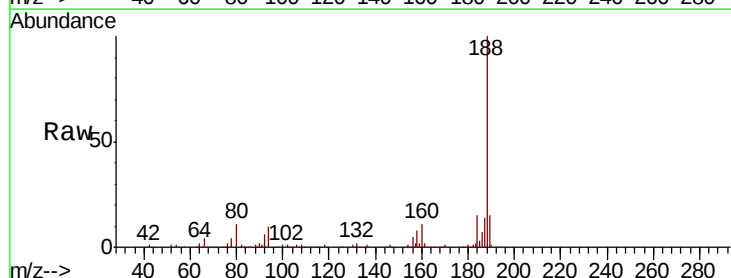


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

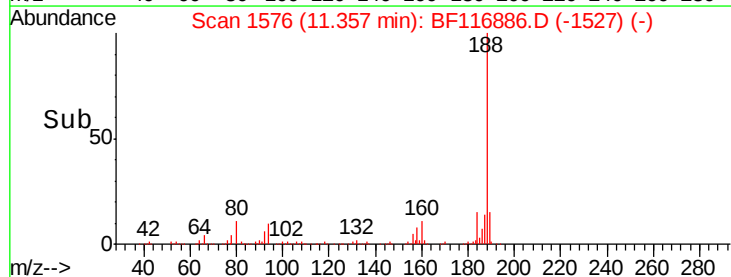
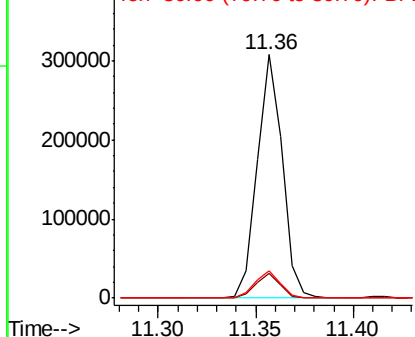


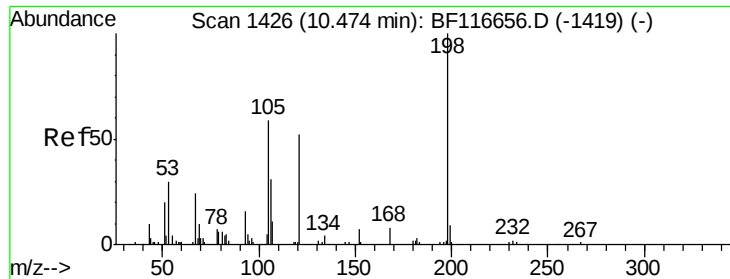
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116886.D
 Acq: 8 Sep 2019 23:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.3	10.9
80	11.4	8.4	12.6



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

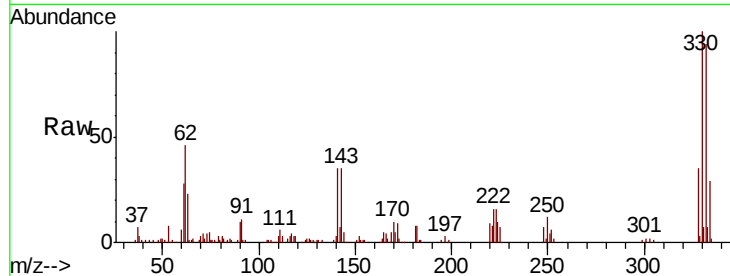




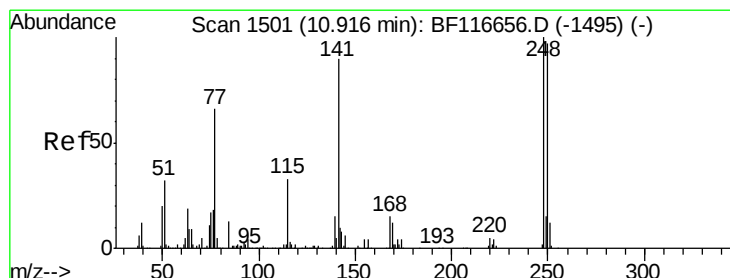
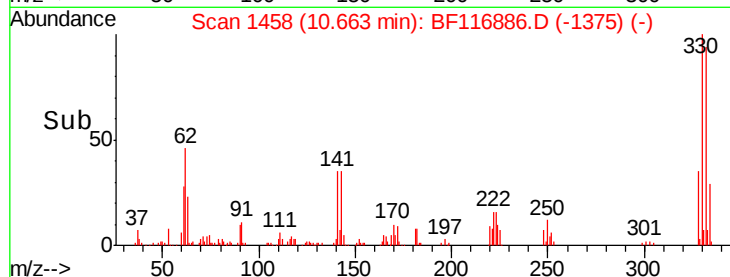
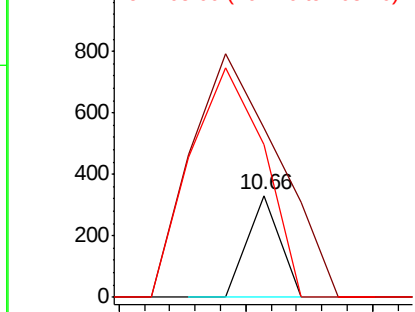
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.549 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.19 min
 Lab File: BF116886.D
 Acq: 8 Sep 2019 23:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 117
 Ion Ratio Lower Upper
 198 100
 51 165.7 18.4 58.4#
 105 150.0 22.9 62.9#

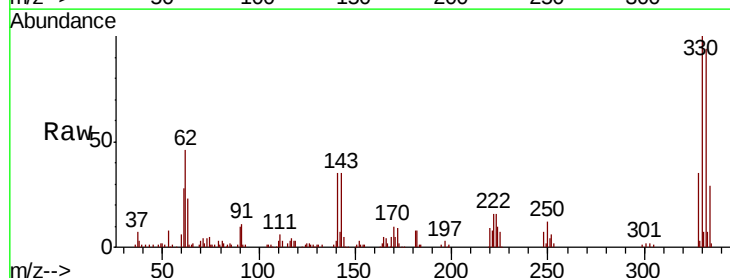


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

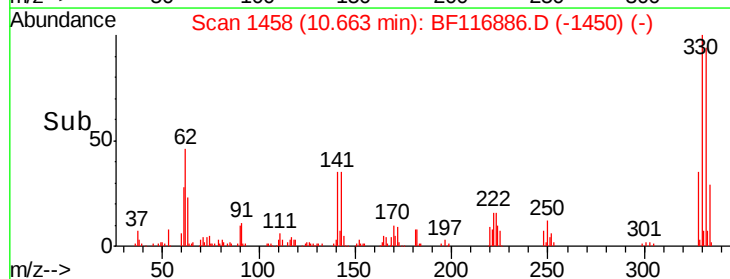
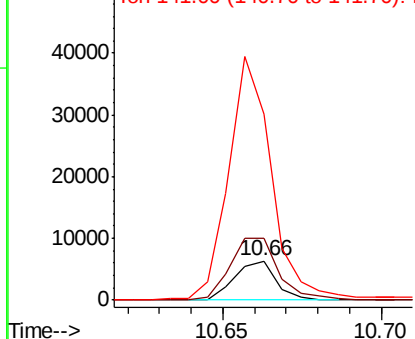


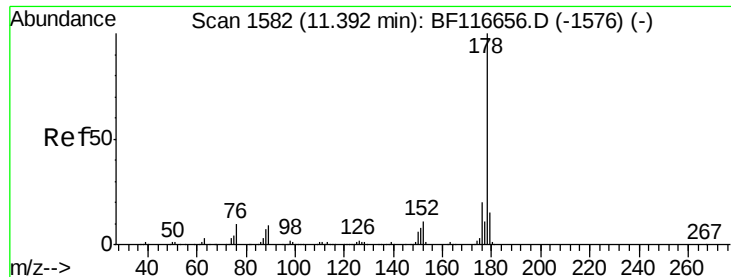
#67
 4-Bromophenyl-phenylether
 Concen: 2.067 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116886.D
 Acq: 8 Sep 2019 23:08

Tgt Ion:248 Resp: 5756
 Ion Ratio Lower Upper
 248 100
 250 159.3 77.8 116.8#
 141 476.6 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





#71

Phenanthrene

Concen: 27.234 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF116886.D

Acq: 8 Sep 2019 23:08

Instrument :

BNA_F

ClientSampleId :

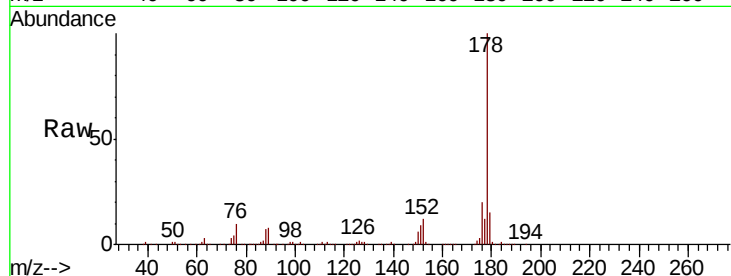
Tot Ion:178 Resp: 415572

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

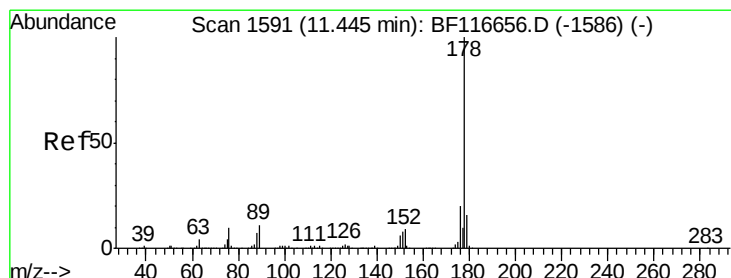
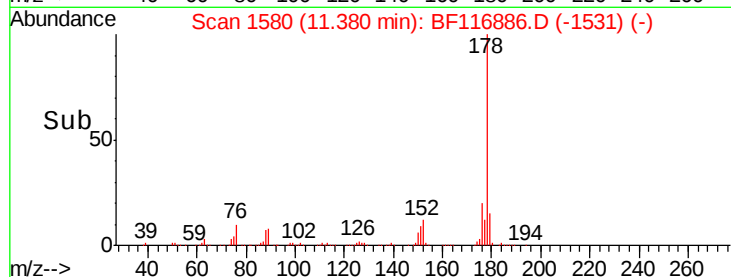
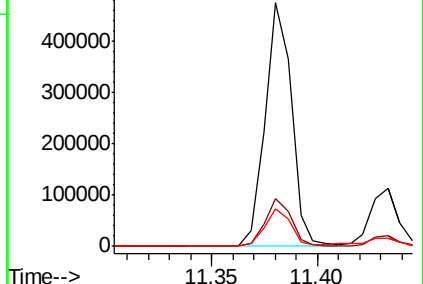
179 15.5 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 6.422 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF116886.D

Acq: 8 Sep 2019 23:08

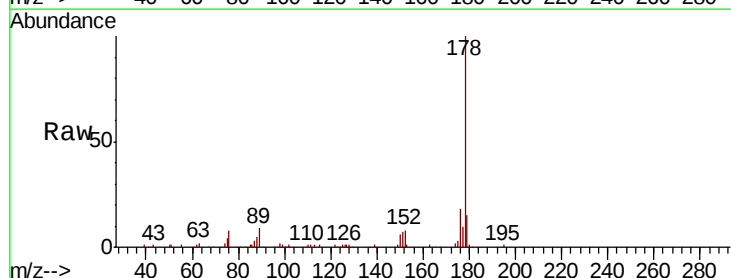
Tgt Ion:178 Resp: 98653

Ion Ratio Lower Upper

178 100

176 17.6 15.4 23.0

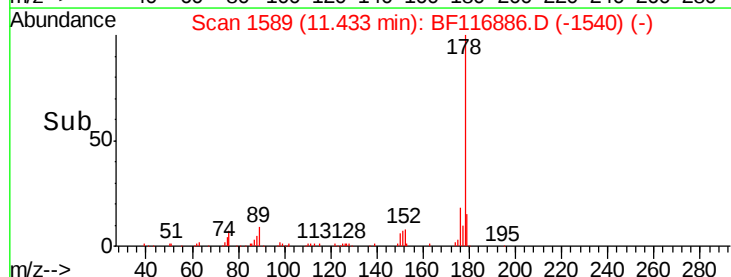
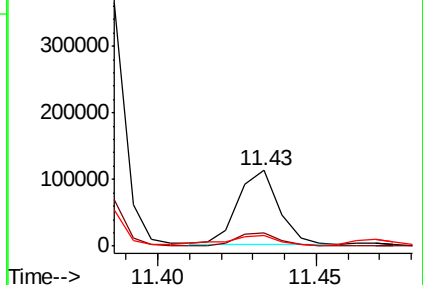
179 14.7 12.5 18.7

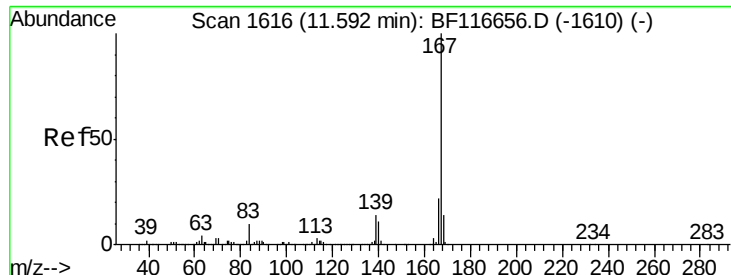


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

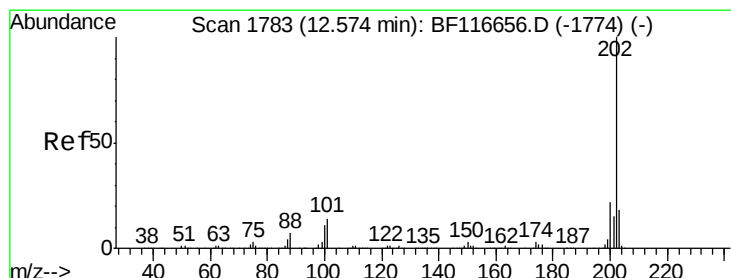
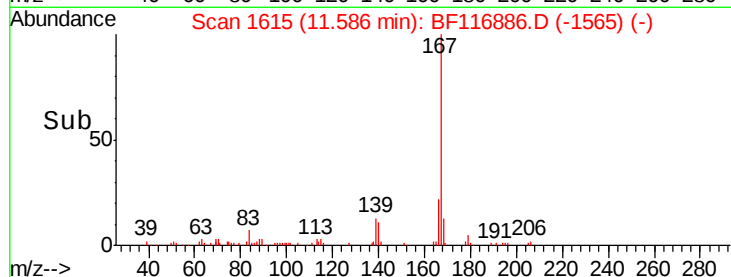
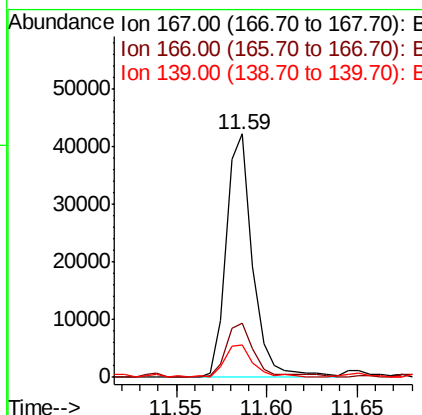
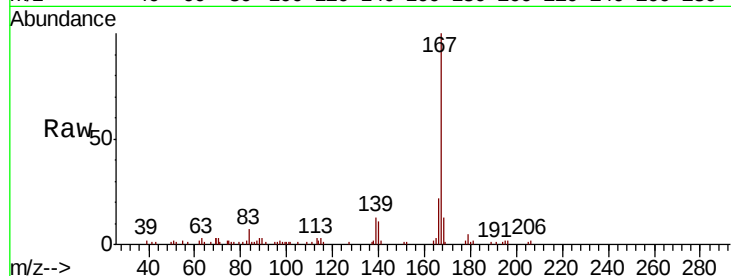




#73
 Carbazole
 Concen: 2.950 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF116886.D
 Acq: 8 Sep 2019 23:08

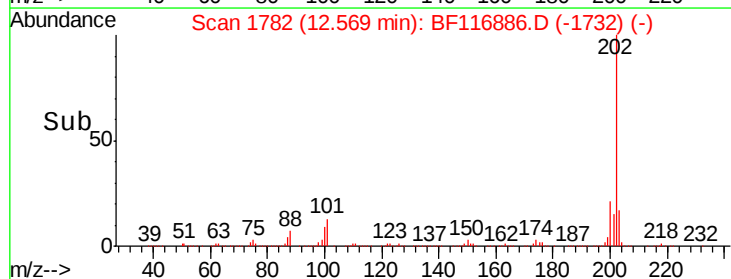
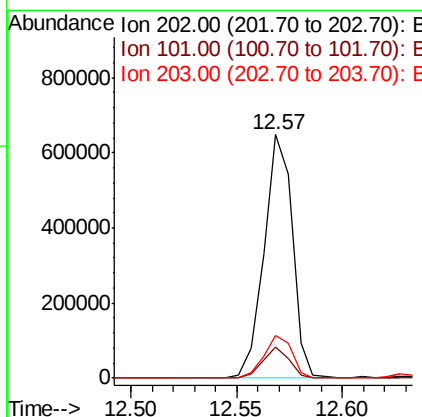
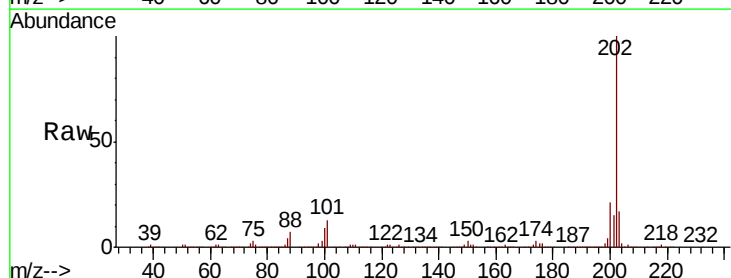
Instrument :
 BNA_F
 ClientSampleId :

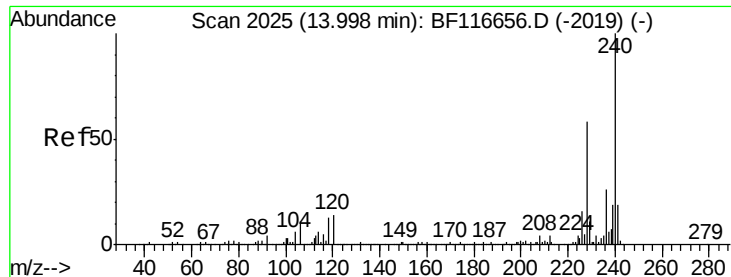
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	13.4	11.1	16.7



#75
 Fluoranthene
 Concen: 40.210 ng
 RT: 12.57 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BF116886.D
 Acq: 8 Sep 2019 23:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.3
203	17.4	0.0	37.6

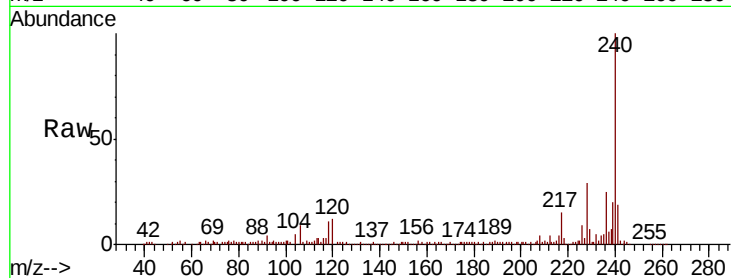




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116886.D
Acq: 8 Sep 2019 23:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.1	13.7
236	24.6	21.1	31.7

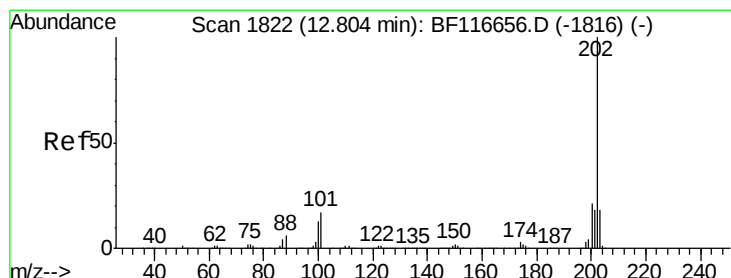
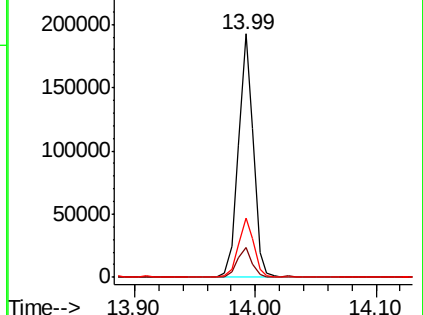
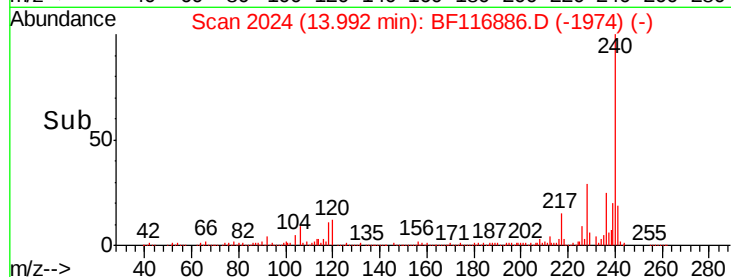


Abundance

Ion 240.00 (239.70 to 240.70): E

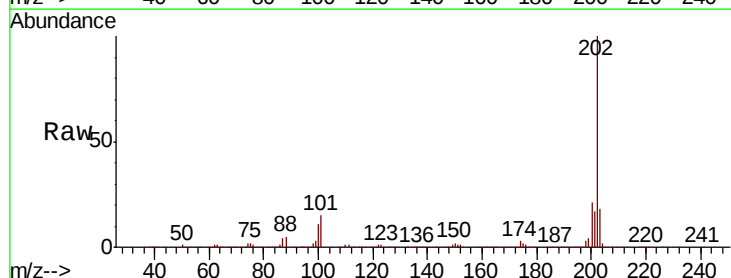
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 36.537 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116886.D
Acq: 8 Sep 2019 23:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.5	24.7
203	17.5	13.7	20.5

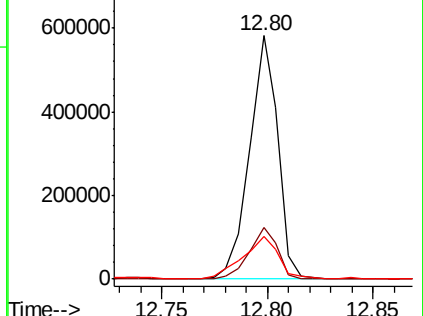
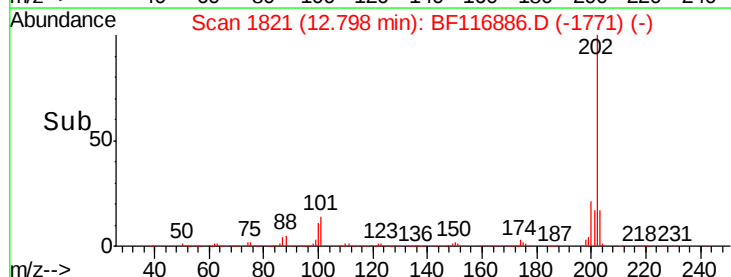


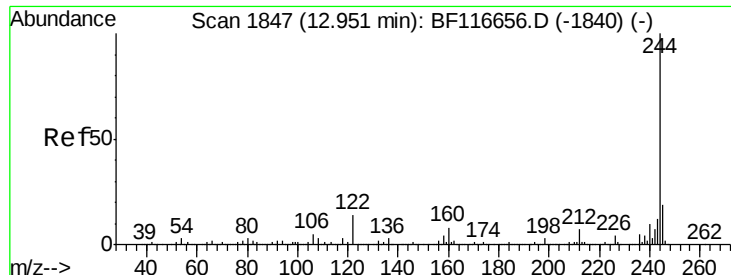
Abundance

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

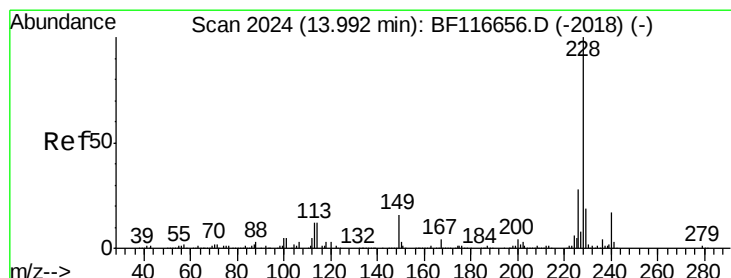
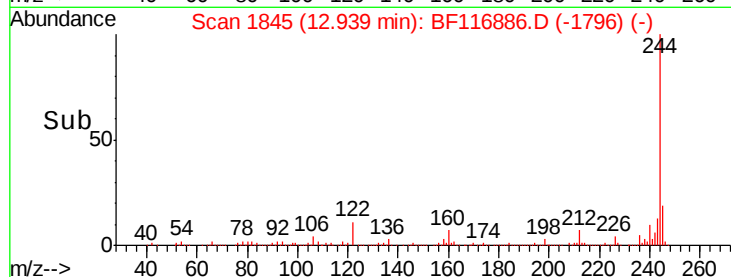
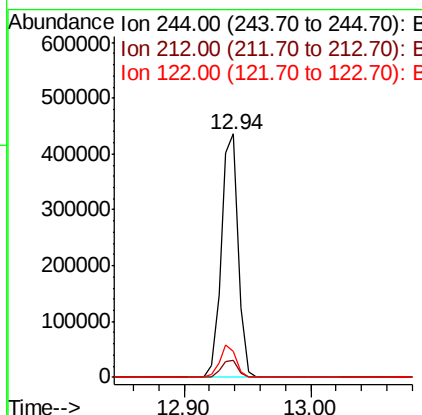
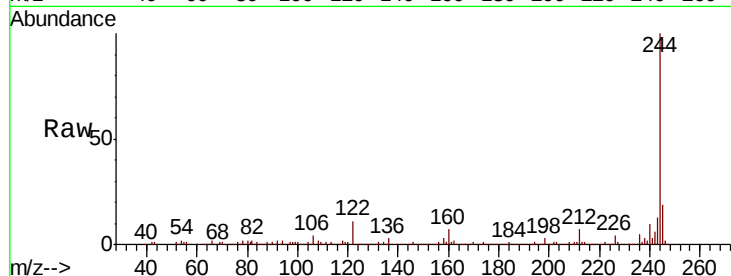




#79
 Terphenyl-d14
 Concen: 44.955 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116886.D
 Acq: 8 Sep 2019 23:08

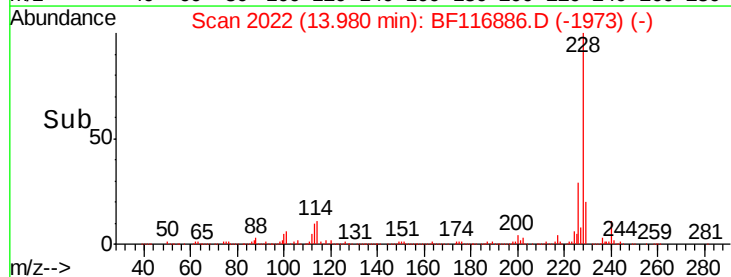
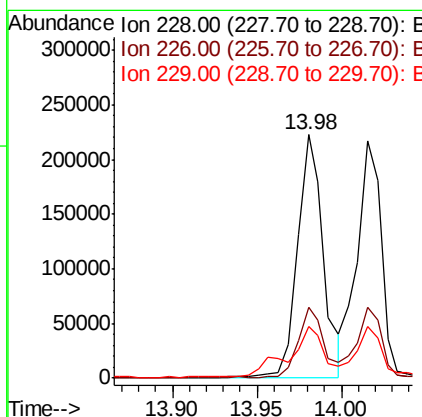
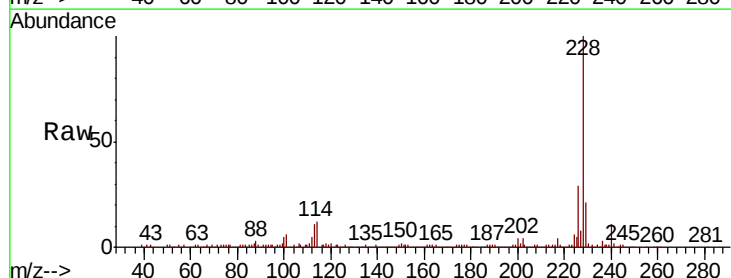
Instrument :
 BNA_F
 ClientSampled :

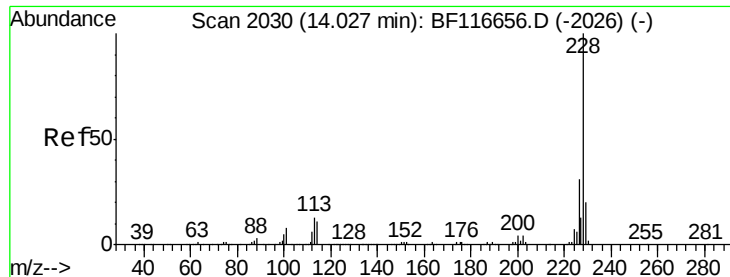
Tot Ion:244 Resp: 404972
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 10.6 10.2 15.4



#81
 Benzo(a)anthracene
 Concen: 22.429 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF116886.D
 Acq: 8 Sep 2019 23:08

Tgt Ion:228 Resp: 236563
 Ion Ratio Lower Upper
 228 100
 226 29.3 22.0 33.0
 229 21.1 16.4 24.6

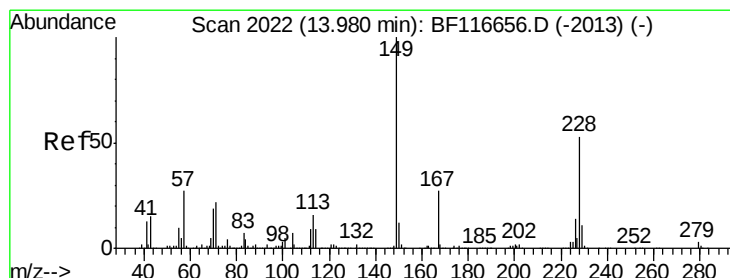
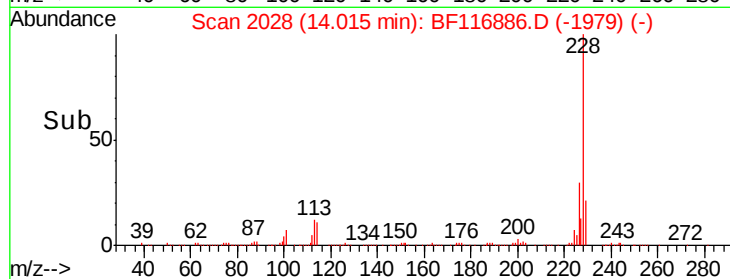
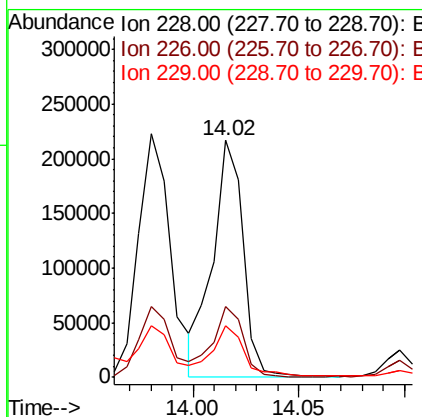
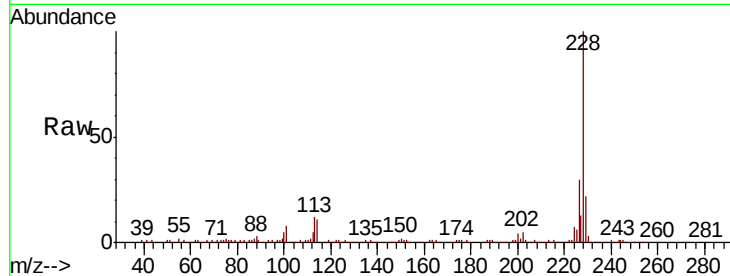




#83
 Chrysene
 Concen: 19.905 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF116886.D
 Acq: 8 Sep 2019 23:08

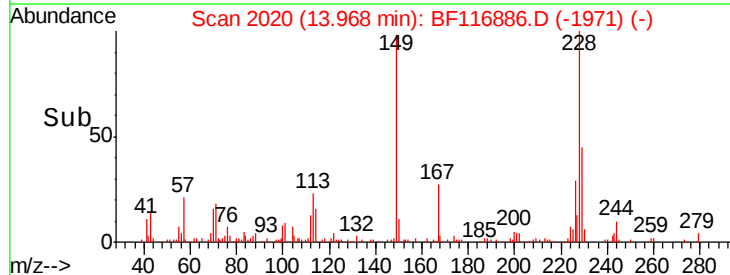
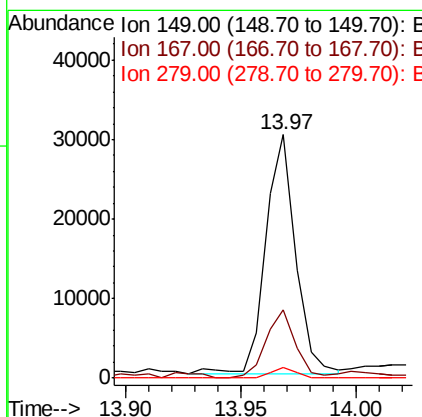
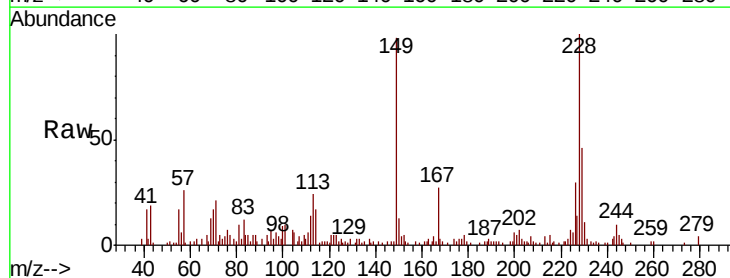
Instrument :
 BNA_F
 ClientSampled :

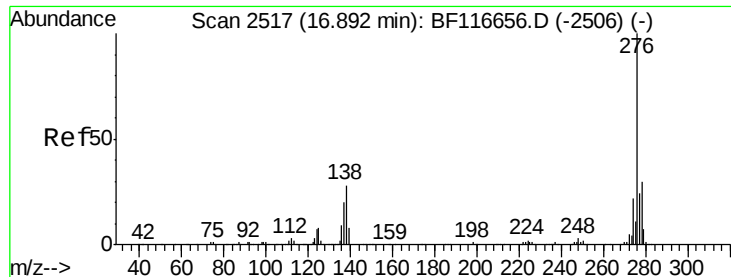
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	21.6	15.4	23.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.025 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116886.D
 Acq: 8 Sep 2019 23:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.0	31.4
279	4.2	2.8	4.2

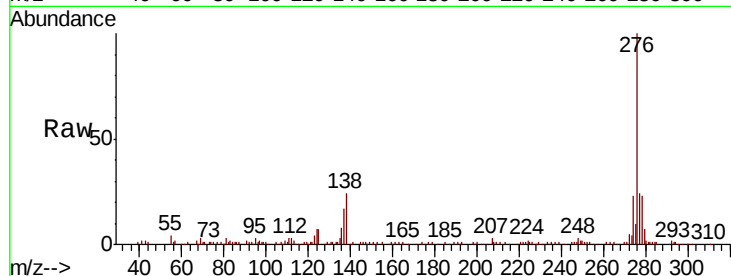




#86
Indeno(1,2,3-cd)pyrene
Concen: 19.126 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF116886.D
Acq: 8 Sep 2019 23:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	19.4	29.2
277	23.8	20.5	30.7

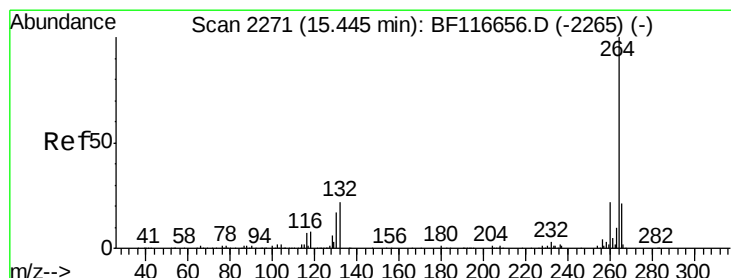
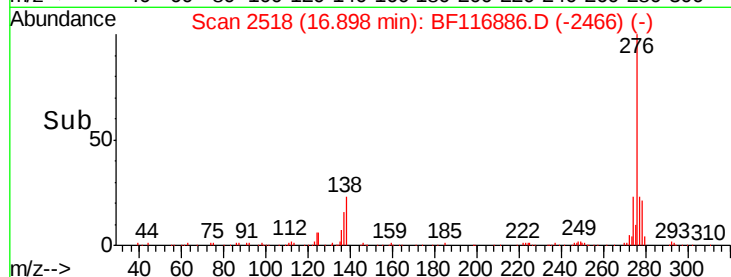
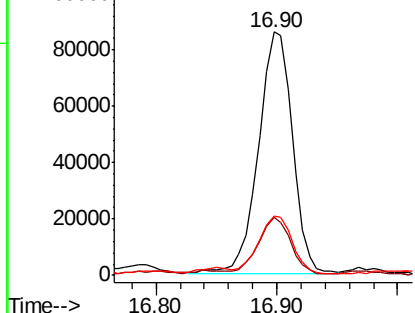


Abundance

Ion 276.00 (275.70 to 276.70): E

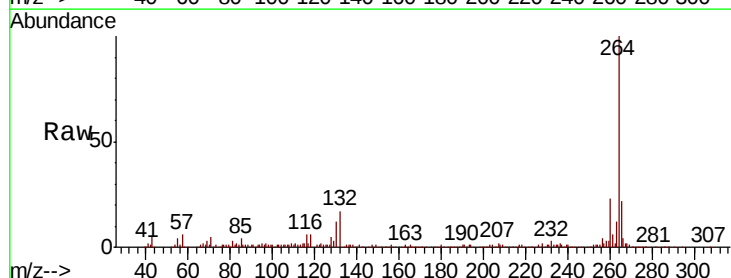
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116886.D
Acq: 8 Sep 2019 23:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	22.3	16.5	24.7

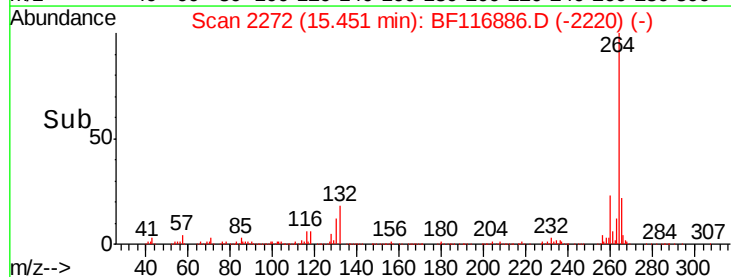
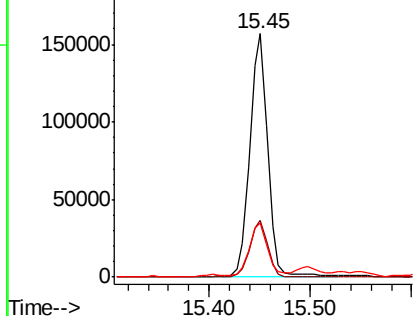


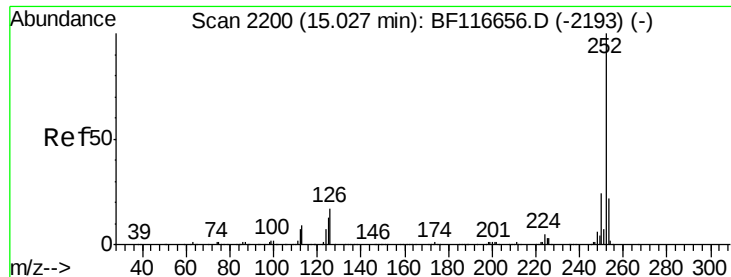
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

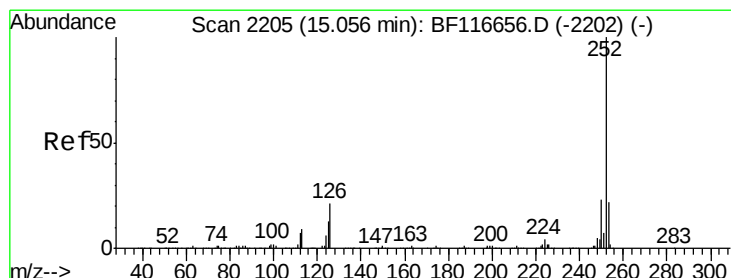
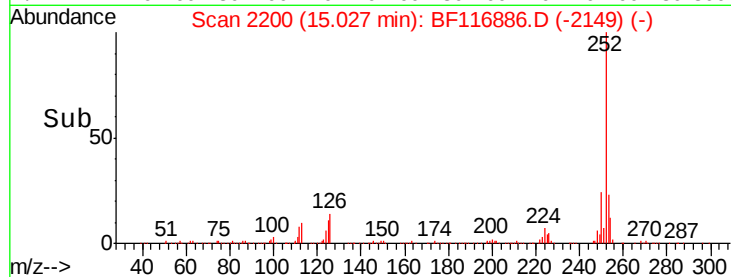
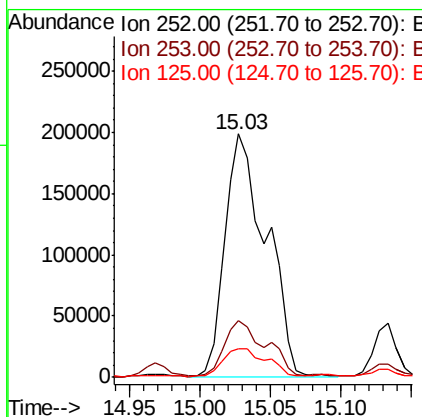
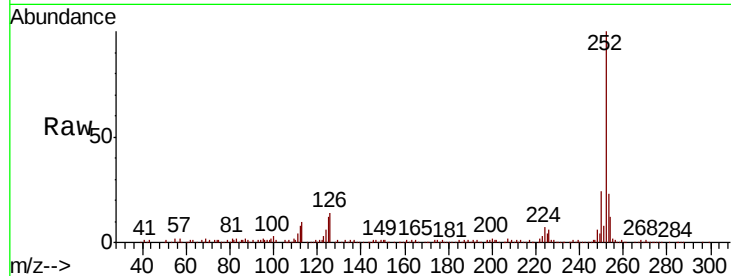




#88
Benzo(b)fluoranthene
Concen: 34.592 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116886.D
Acq: 8 Sep 2019 23:08

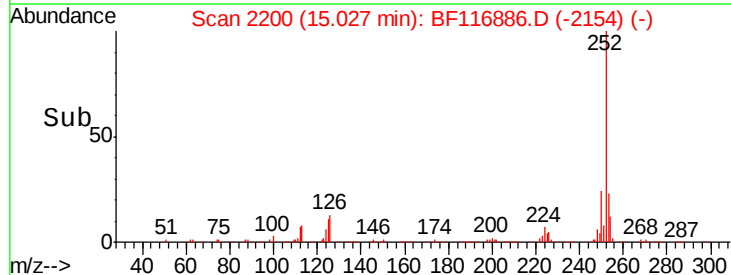
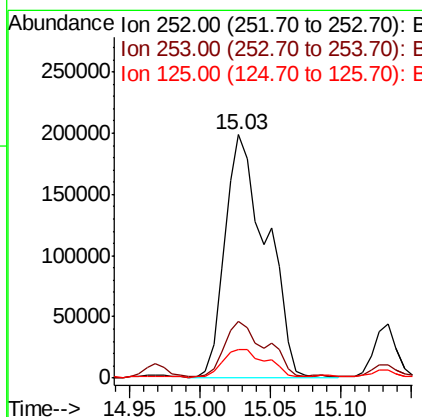
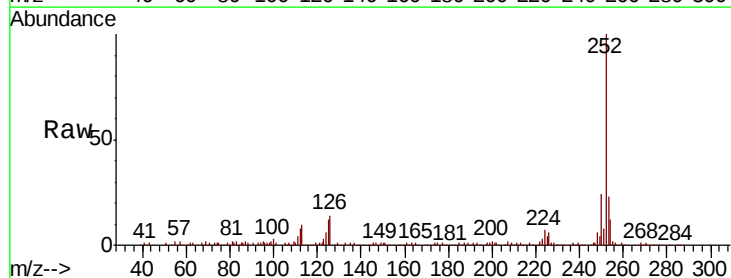
Instrument :
BNA_F
ClientSampleId :

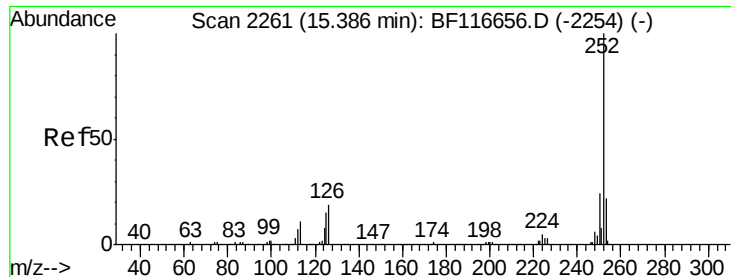
Tot Ion:252 Resp: 404031
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 11.5 8.2 12.2



#89
Benzo(k)fluoranthene
Concen: 37.939 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BF116886.D
Acq: 8 Sep 2019 23:08

Tgt Ion:252 Resp: 404031
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 11.5 8.6 13.0





#90

Benzo(a)pyrene

Concen: 22.335 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF116886.D

Acq: 8 Sep 2019 23:08

Instrument :

BNA_F

ClientSampled :

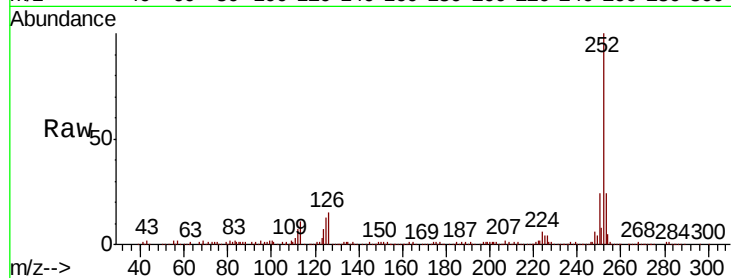
Tot Ion:252 Resp: 226958

Ion Ratio Lower Upper

252 100

253 24.1 18.1 27.1

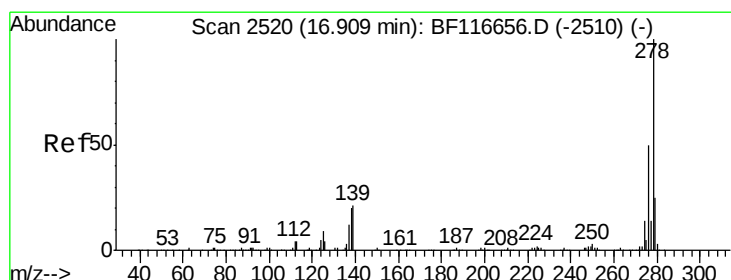
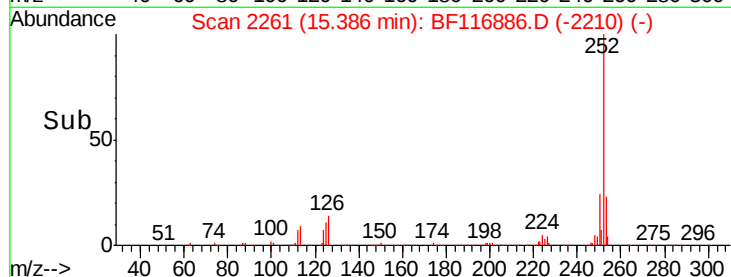
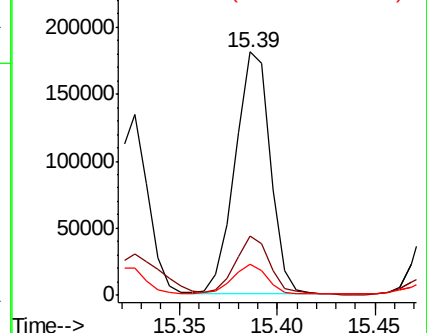
125 12.6 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 4.825 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BF116886.D

Acq: 8 Sep 2019 23:08

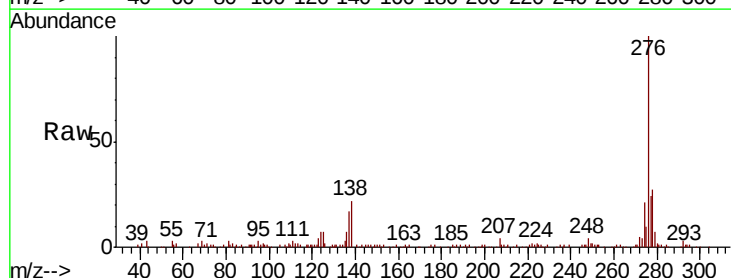
Tgt Ion:278 Resp: 42916

Ion Ratio Lower Upper

278 100

139 0.0 12.4 18.6#

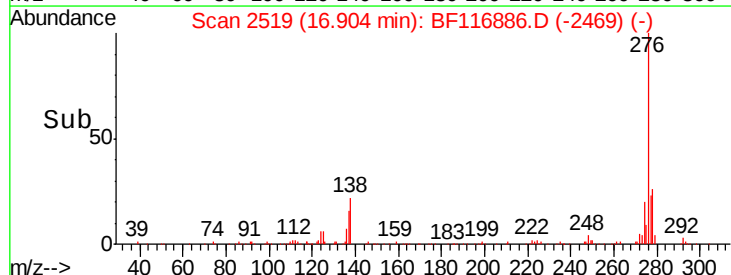
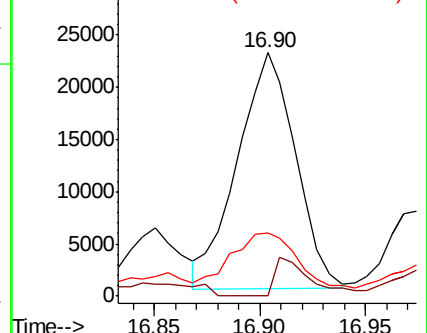
279 26.0 18.2 27.4

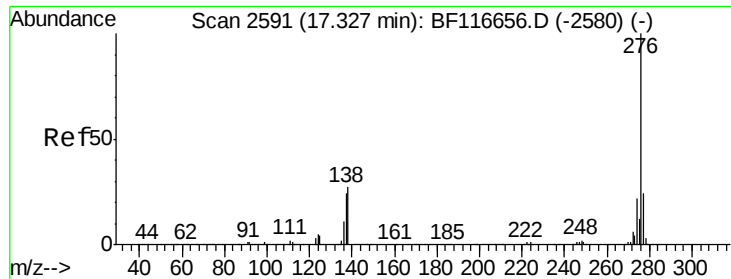


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 16.604 ng
 RT: 17.34 min Scan# 2593
 Delta R.T. 0.01 min
 Lab File: BF116886.D
 Acq: 8 Sep 2019 23:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.0	18.5	27.7	
138	21.8	16.2	24.2	

