

Data File : BF116341.D
Acq On : 17 Aug 2019 2:06
Operator : HP/JU
Sample : K4228-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-F1-F4-COMP-(1)

Quant Time: Aug 17 05:14:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	148084	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	559710	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	273591	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	423400	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	258948	20.00	ng	-0.04
87) Perylene-d12	15.43	264	298278	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	866087	97.91	ng	-0.02
7) Phenol-d6	6.46	99	1138476	102.01	ng	-0.03
23) Nitrobenzene-d5	7.38	82	719546	74.21	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	231289	87.20	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	1157484	79.24	ng	-0.04
79) Terphenyl-d14	12.92	244	931901	75.83	ng	-0.04

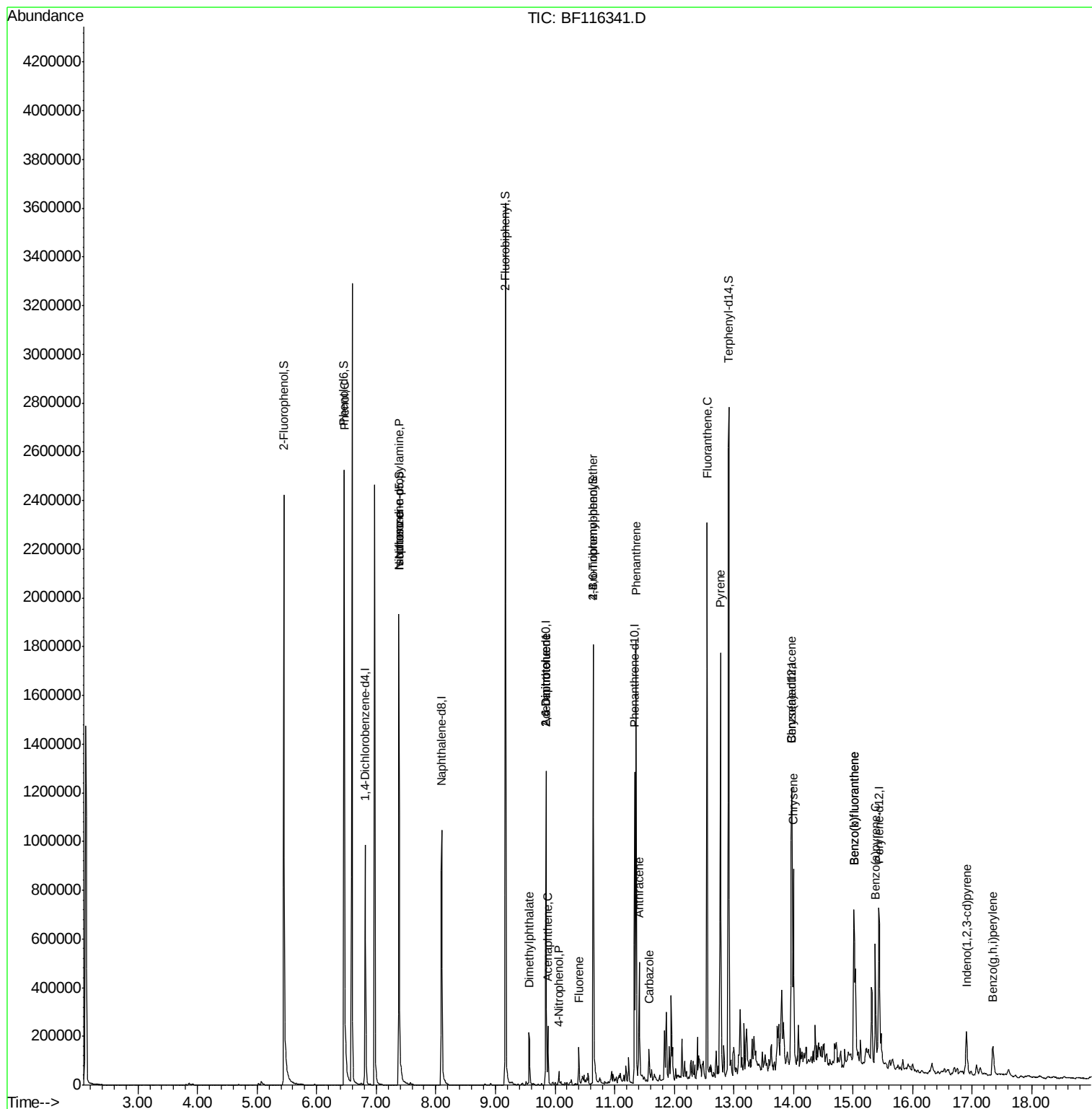
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.47	94	54937	4.180	ng	91
19) n-Nitroso-di-n-propylamine	7.38	70	93893	13.576	ng	# 79
25) Isophorone	7.38	82	719718	38.817	ng	# 65
50) Dimethylphthalate	9.56	163	103258	5.543	ng	99
51) 2,6-Dinitrotoluene	9.85	165	35366	8.736	ng	# 29
52) Acenaphthene	9.88	154	51149	3.555	ng	98
56) 4-Nitrophenol	10.06	139	10238	3.195	ng	# 5
57) 2,4-Dinitrotoluene	9.85	165	35366	6.561	ng	# 20
58) Fluorene	10.40	166	45170	2.806	ng	97
67) 4-Bromophenyl-phenylether	10.64	248	14434	3.185	ng	# 1
71) Phenanthrene	11.36	178	671627	31.029	ng	99
72) Anthracene	11.41	178	213050	9.726	ng	98
73) Carbazole	11.57	167	49877	2.510	ng	99
75) Fluoranthene	12.55	202	855739	37.764	ng	98
78) Pyrene	12.78	202	709625	36.354	ng	99
81) Benzo(a)anthracene	13.96	228	350129	21.155	ng	99
83) Chrysene	14.00	228	298419	18.572	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	116527	8.634	ng	96
88) Benzo(b)fluoranthene	15.02	252	435548	25.254	ng	98
89) Benzo(k)fluoranthene	15.02	252	435118	25.902	ng	# 97
90) Benzo(a)pyrene	15.37	252	232294	15.067	ng	99
92) Benzo(g,h,i)perylene	17.34	276	100973	7.704	ng	98

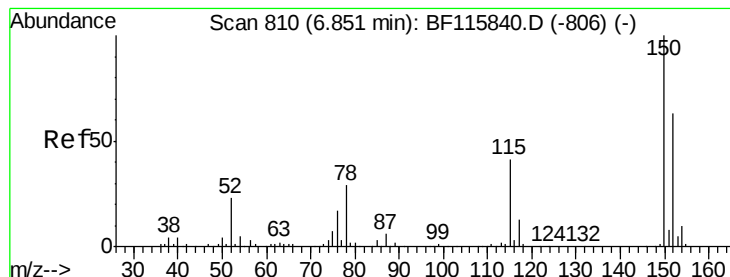
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.03 min

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Acq: 17 Aug 2019 2:06

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(1)

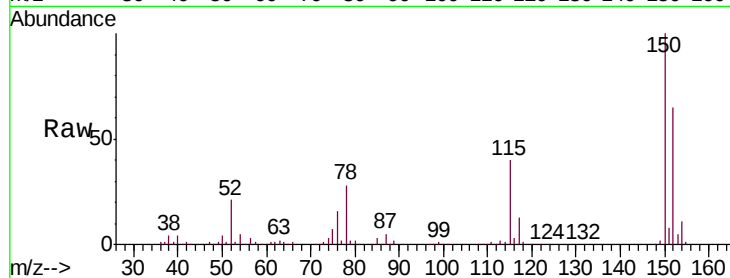
Tgt Ion:152 Resp: 148084

Ion Ratio Lower Upper

152 100

150 154.9 126.2 189.2

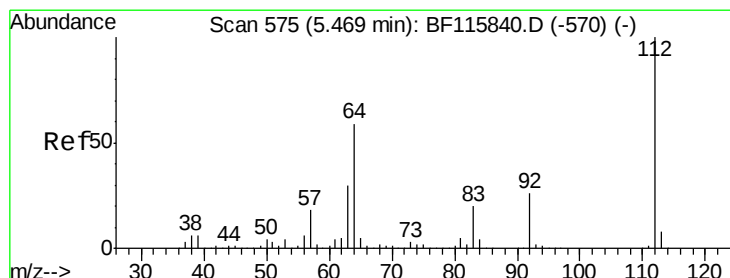
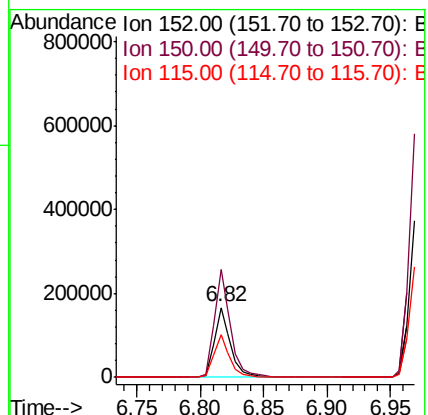
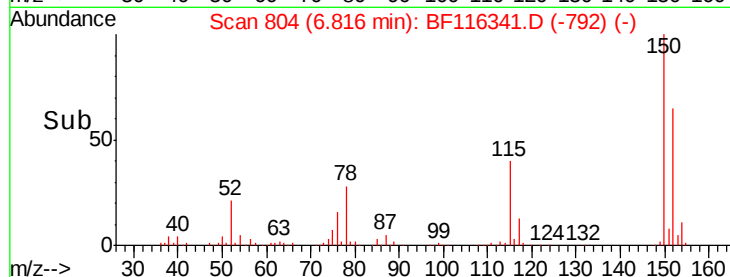
115 61.8 49.9 74.9



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: 97.910 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF116341.D

Acq: 17 Aug 2019 2:06

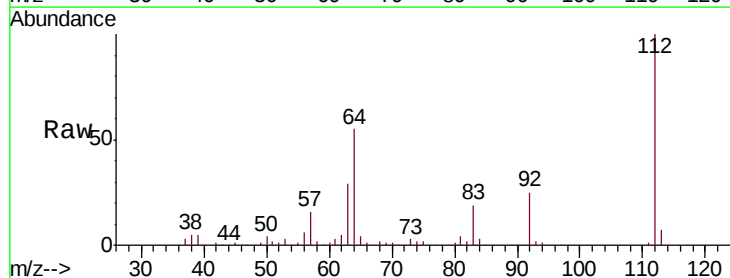
Tgt Ion:112 Resp: 866087

Ion Ratio Lower Upper

112 100

64 55.3 45.4 68.2

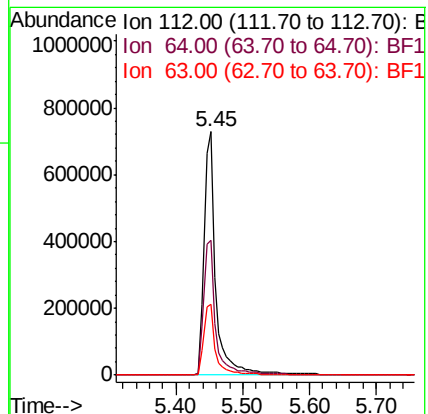
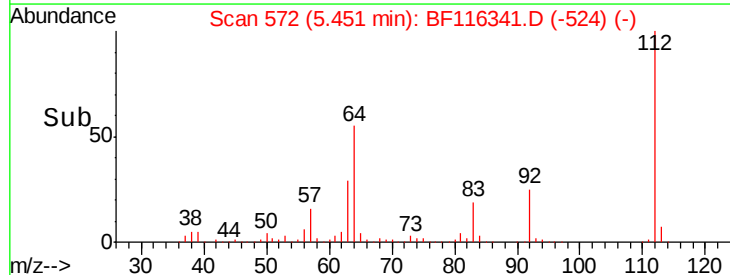
63 28.9 23.7 35.5



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: 102.009 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116341.D

Acq: 17 Aug 2019 2:06

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(1)

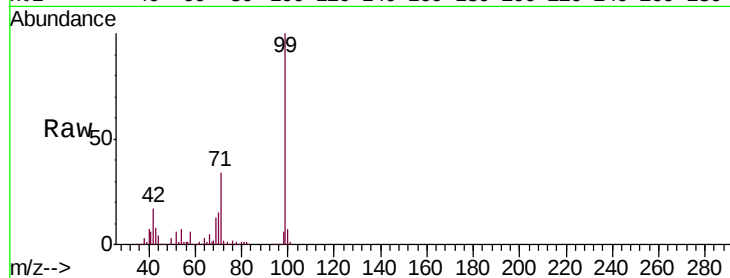
Tgt Ion: 99 Resp: 1138476

Ion Ratio Lower Upper

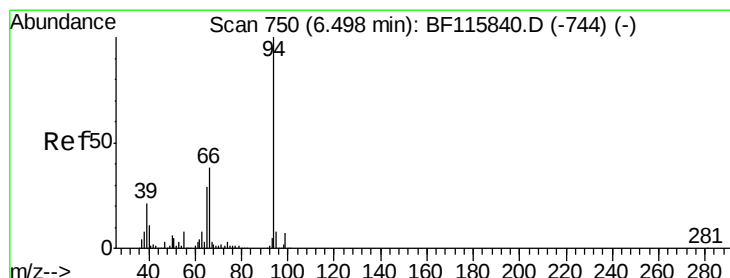
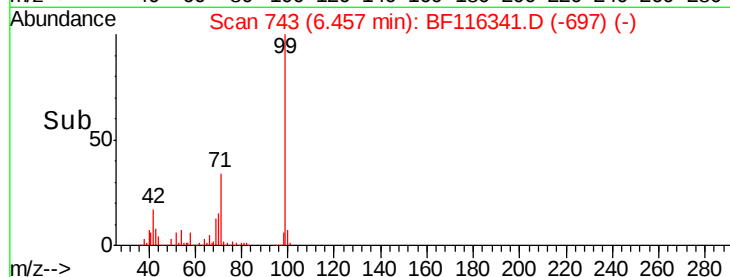
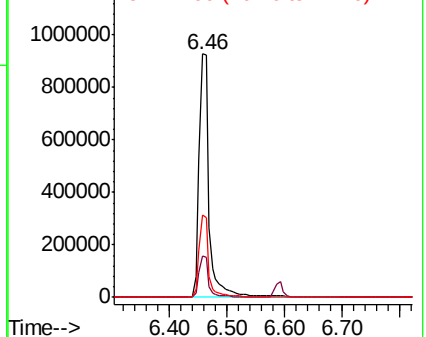
99 100

42 17.2 13.8 20.8

71 33.8 27.3 40.9



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: 4.180 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF116341.D

Acq: 17 Aug 2019 2:06

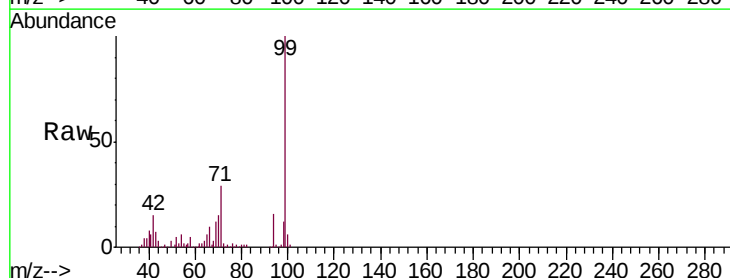
Tgt Ion: 94 Resp: 54937

Ion Ratio Lower Upper

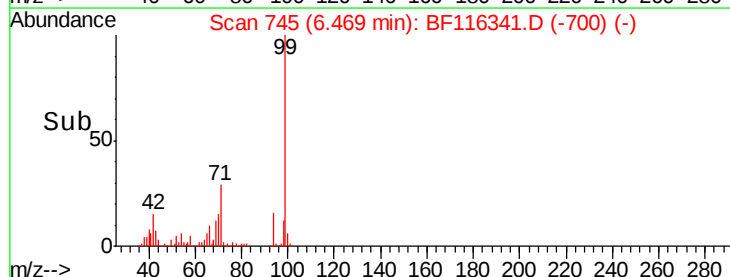
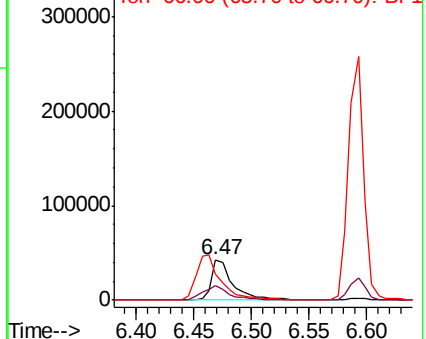
94 100

65 34.8 16.8 56.8

66 63.3 34.2 74.2



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

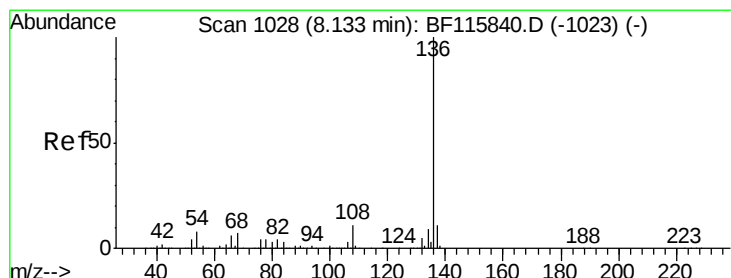
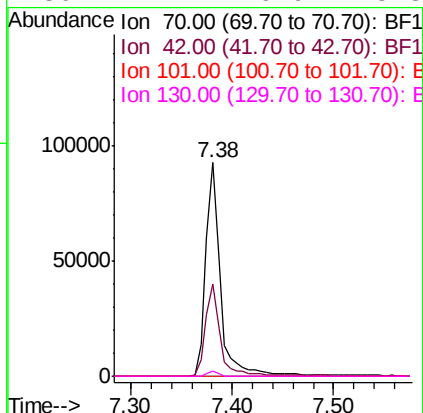
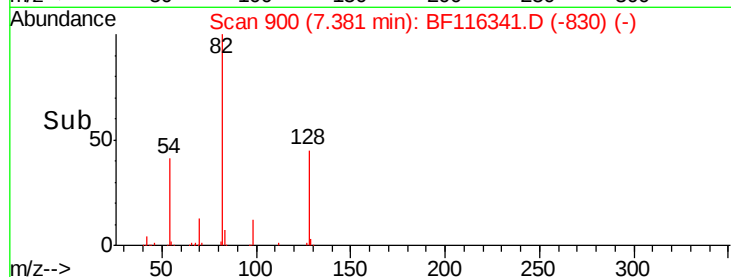
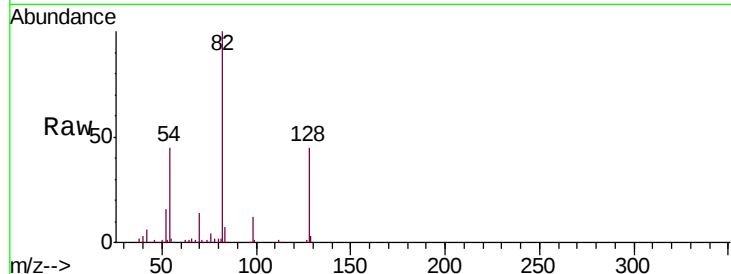




#19
n-Nitroso-di-n-propylamine
Concen: 13.576 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.11 min
Lab File: BF116341.D
Acq: 17 Aug 2019 2:06

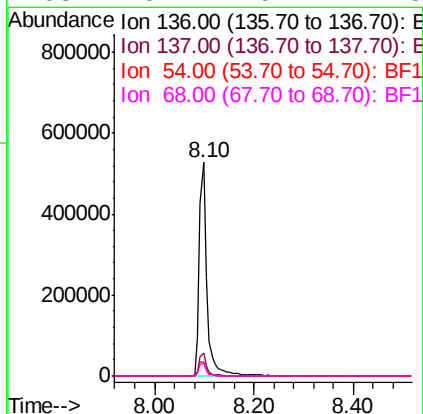
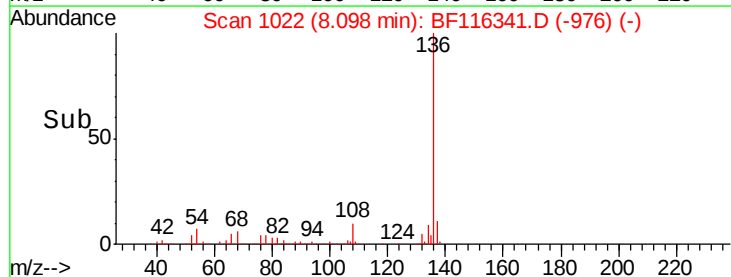
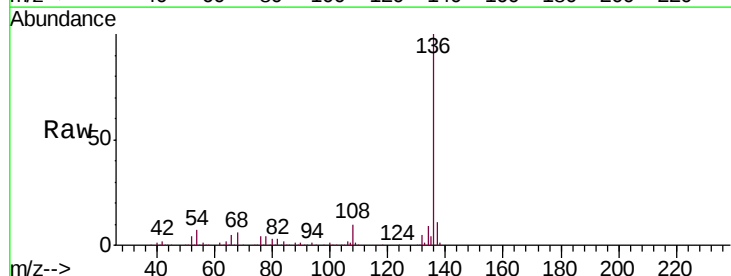
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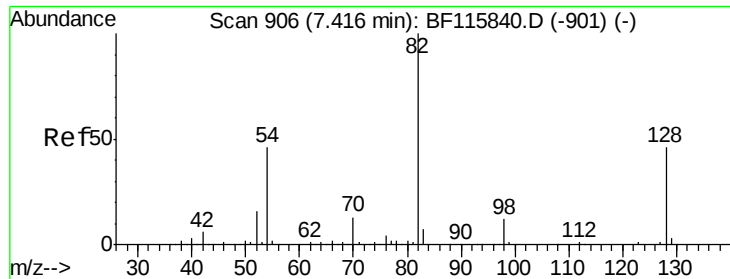
Tgt Ion: 70 Resp: 93893
Ion Ratio Lower Upper
70 100
42 42.9 40.9 61.3
101 0.0 7.9 11.9#
130 2.2 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116341.D
Acq: 17 Aug 2019 2:06

Tgt Ion: 136 Resp: 559710
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.8 5.8 8.6
68 6.2 5.2 7.8

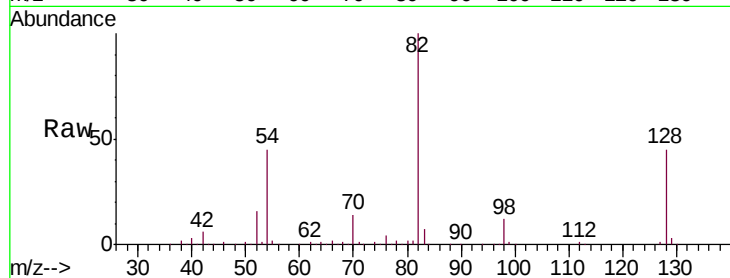




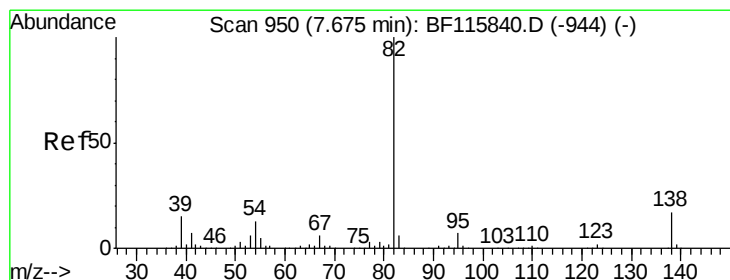
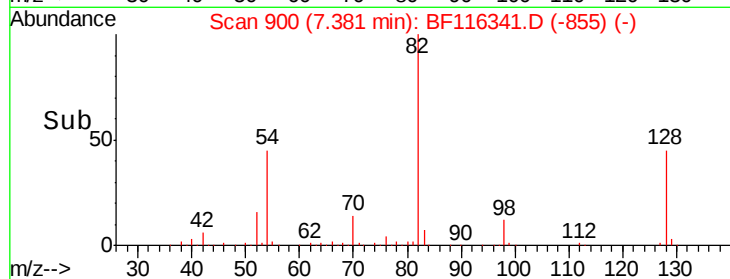
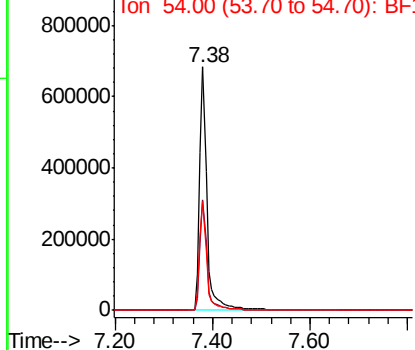
#23
Nitrobenzene-d5
Concen: 74.207 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116341.D
Acq: 17 Aug 2019 2:06

Instrument :
BNA_F
ClientSampleId :
2S-F1-F4-COMP-(1)

Tgt Ion: 82 Resp: 719546
Ion Ratio Lower Upper
82 100
128 45.4 36.5 54.7
54 44.8 36.0 54.0

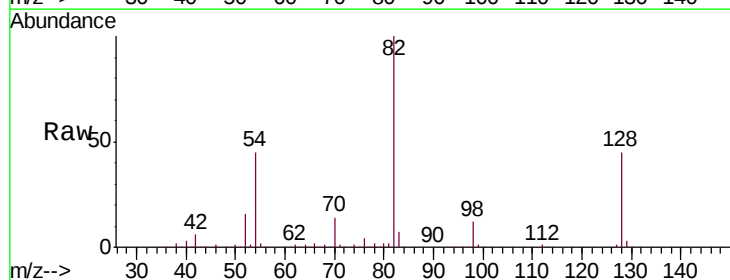


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

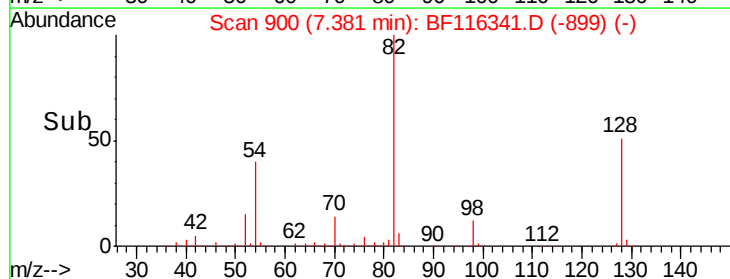
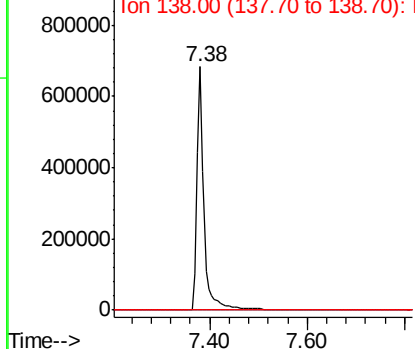


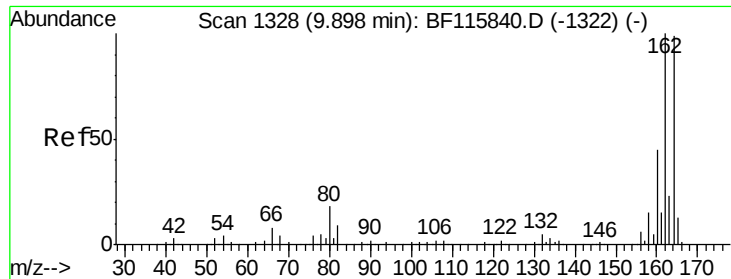
#25
Isophorone
Concen: 38.817 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.29 min
Lab File: BF116341.D
Acq: 17 Aug 2019 2:06

Tgt Ion: 82 Resp: 719718
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

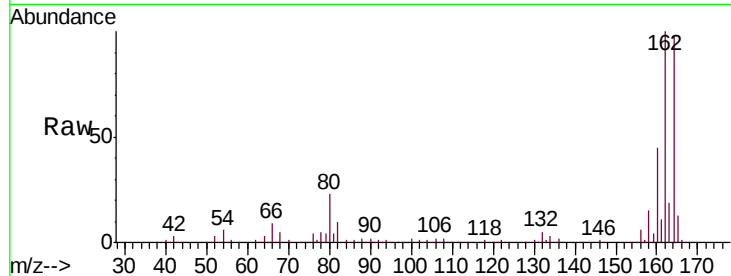




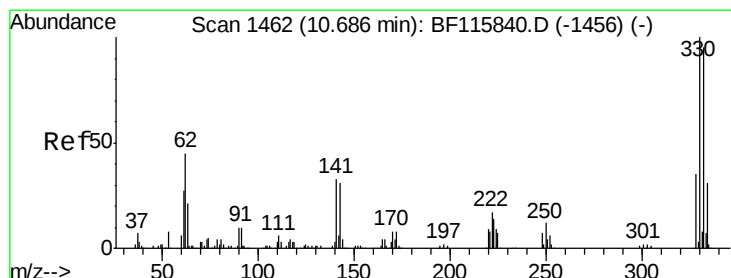
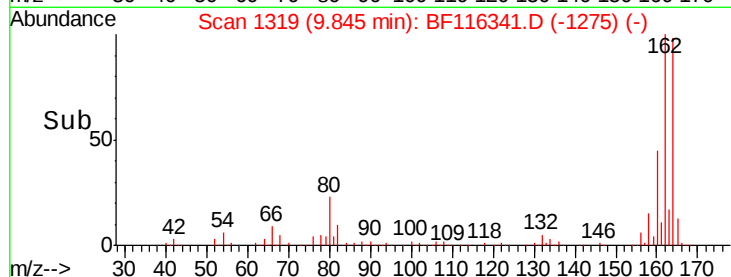
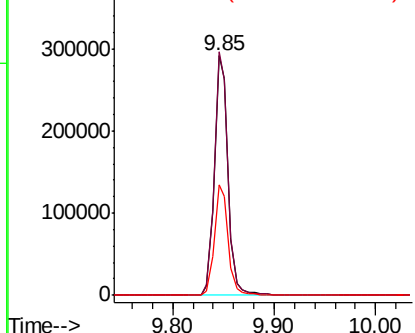
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.04 min
Lab File: BF116341.D
Acq: 17 Aug 2019 2:06

Instrument :
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ClientSampleId :
2S-F1-F4-COMP-(1)

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	124.0
160	46.0	37.6	56.4

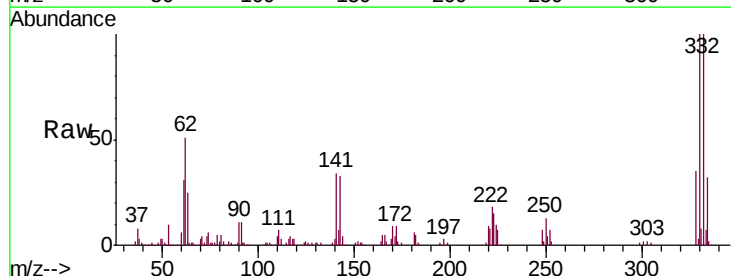


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

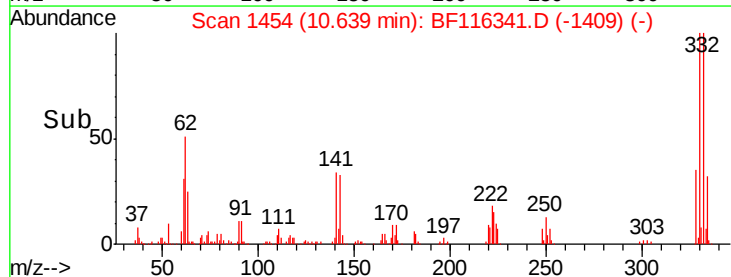
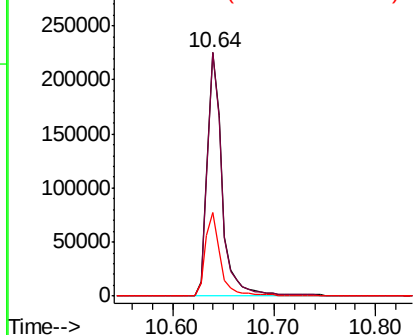


#42
2,4,6-Tribromophenol
Concen: 87.195 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.04 min
Lab File: BF116341.D
Acq: 17 Aug 2019 2:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.8	115.2
141	34.7	26.3	39.5



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

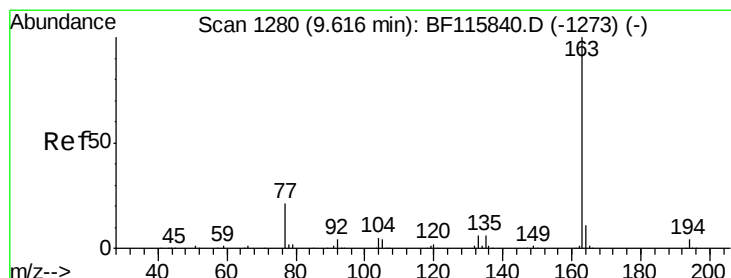
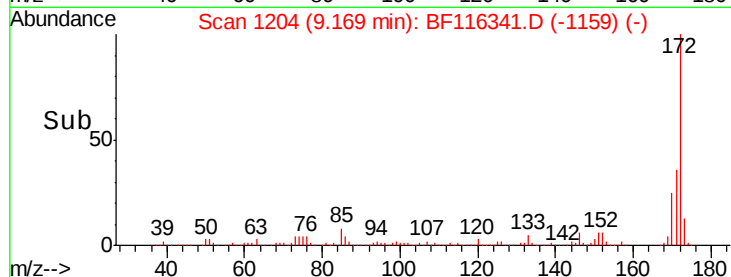
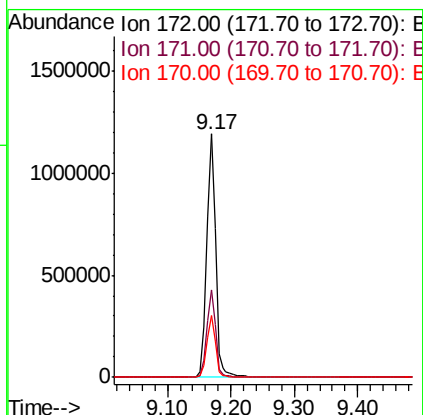
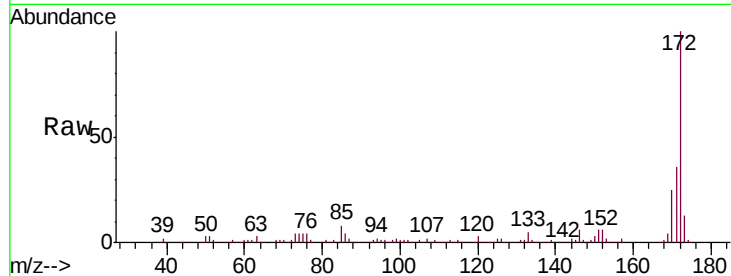




#45
 2-Fluorobiphenyl
 Concen: 79.244 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116341.D
 Acq: 17 Aug 2019 2:06

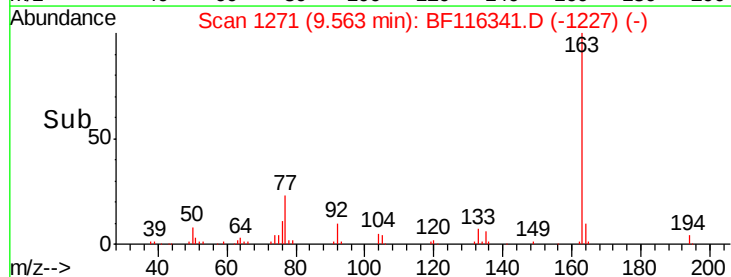
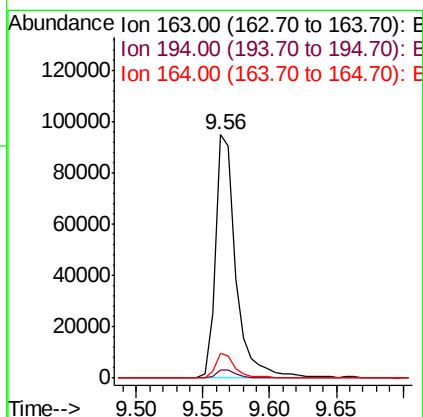
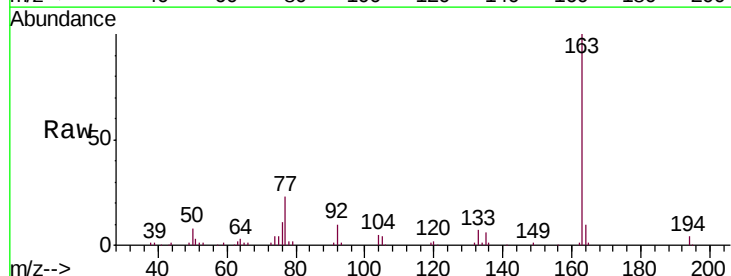
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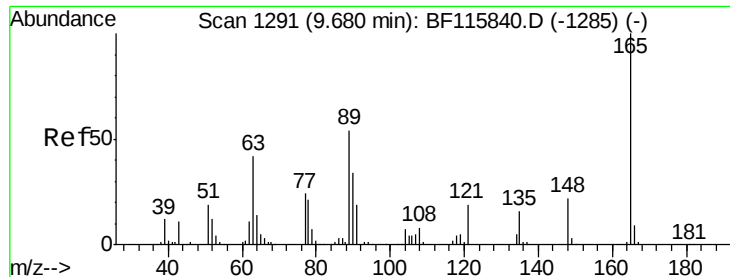
Tgt Ion:172 Resp: 1157484
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 25.2 20.1 30.1



#50
 Dimethylphthalate
 Concen: 5.543 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.04 min
 Lab File: BF116341.D
 Acq: 17 Aug 2019 2:06

Tgt Ion:163 Resp: 103258
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.6
 164 10.2 8.4 12.6

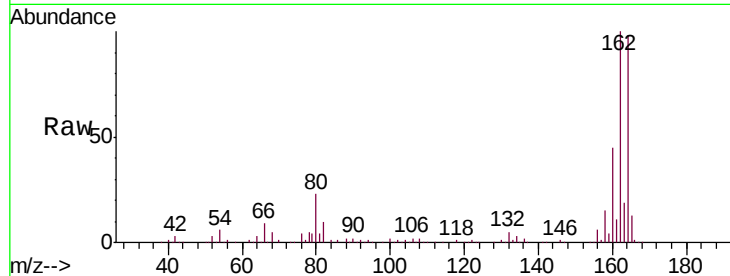




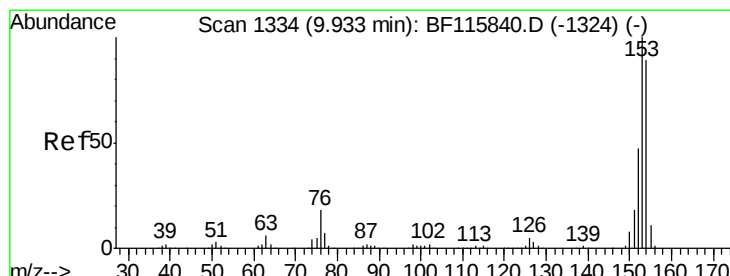
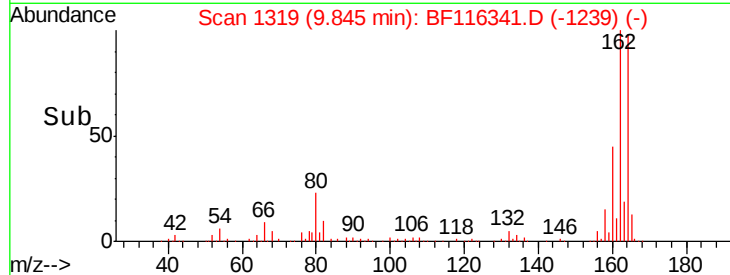
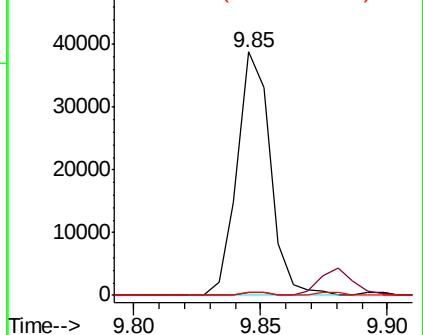
#51
 2,6-Dinitrotoluene
 Concen: 8.736 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.17 min
 Lab File: BF116341.D
 Acq: 17 Aug 2019 2:06

Instrument :
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 ClientSampleId :
 2S-F1-F4-COMP-(1)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	38.2	57.2#
89	1.2	42.9	64.3#

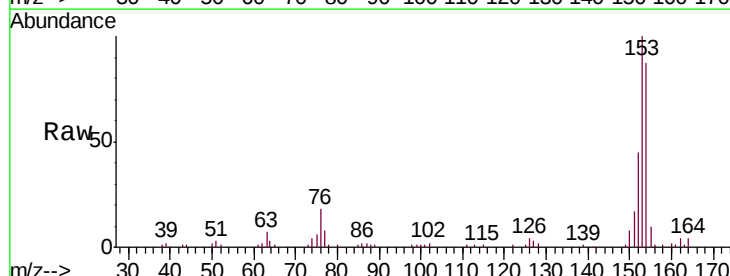


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

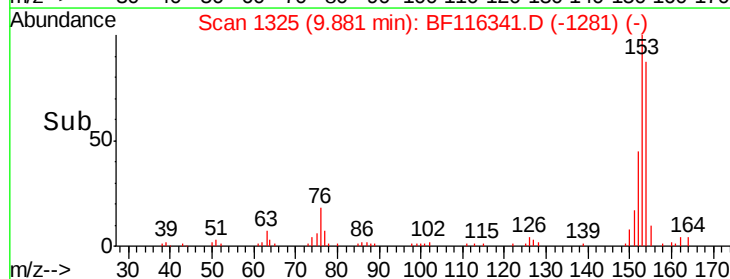
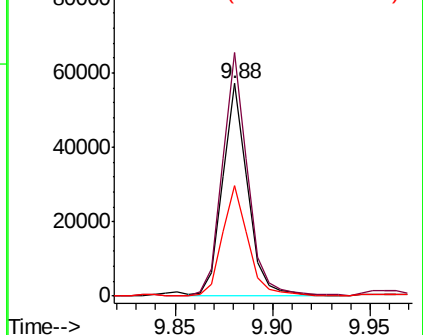


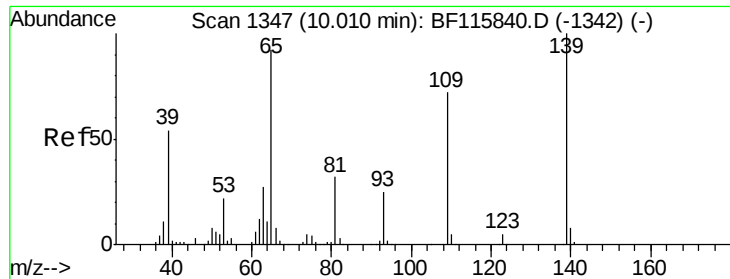
#52
 Acenaphthene
 Concen: 3.555 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.04 min
 Lab File: BF116341.D
 Acq: 17 Aug 2019 2:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.4	134.0
152	52.0	42.3	63.5



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: 3.195 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.05 min

Lab File: BF116341.D

Acq: 17 Aug 2019 2:06

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(1)

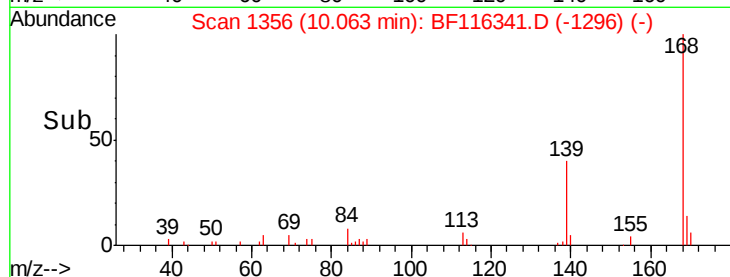
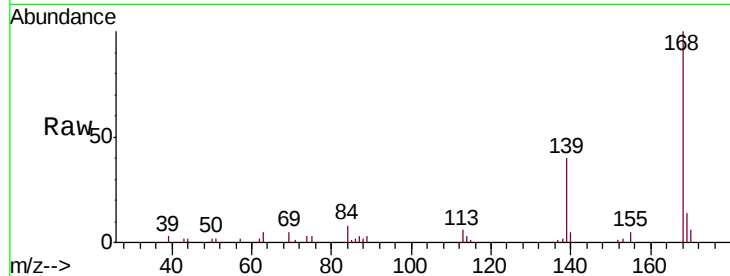
Tgt Ion:139 Resp: 10238

Ion Ratio Lower Upper

139 100

109 0.0 54.4 94.4#

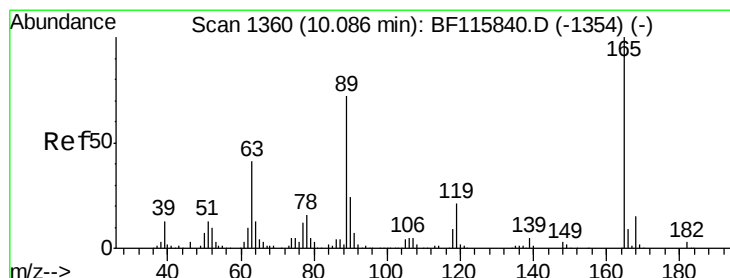
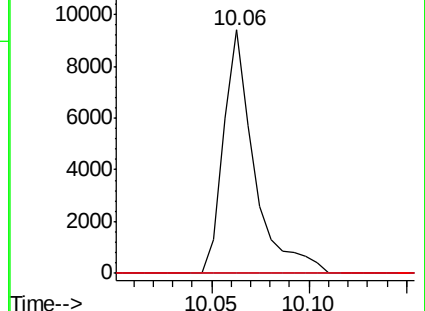
65 0.0 80.6 120.6#



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: 6.561 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.24 min

Lab File: BF116341.D

Acq: 17 Aug 2019 2:06

Tgt Ion:165 Resp: 35366

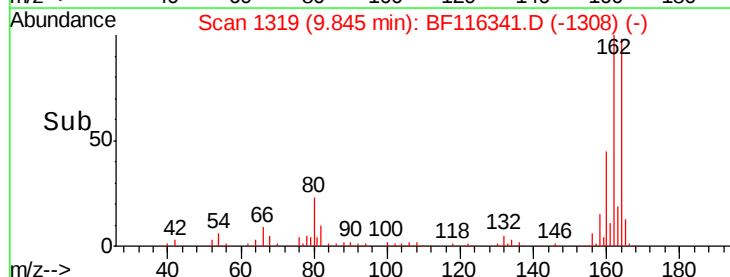
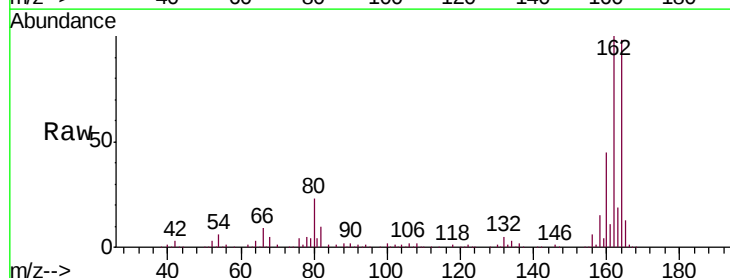
Ion Ratio Lower Upper

165 100

63 1.4 39.6 59.4#

89 1.2 62.2 93.2#

182 0.0 2.1 3.1#

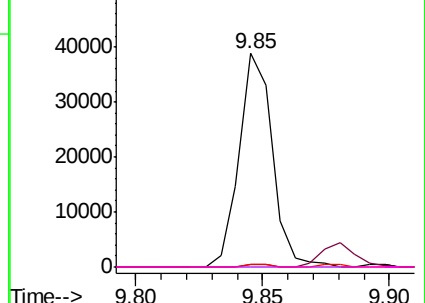


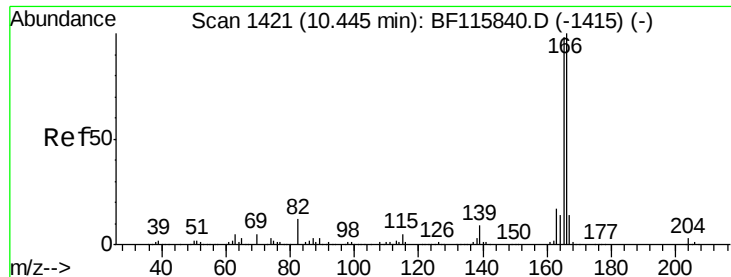
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 2.806 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.04 min

Lab File: BF116341.D

Acq: 17 Aug 2019 2:06

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(1)

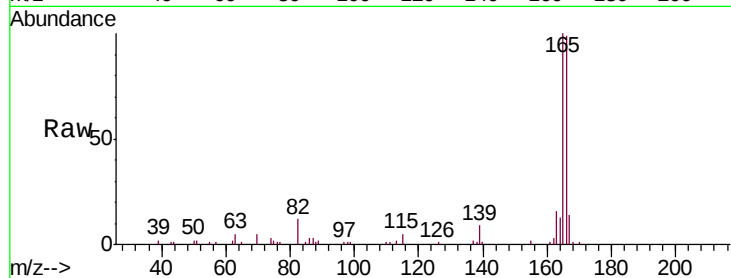
Tgt Ion:166 Resp: 45170

Ion Ratio Lower Upper

166 100

165 101.5 78.4 117.6

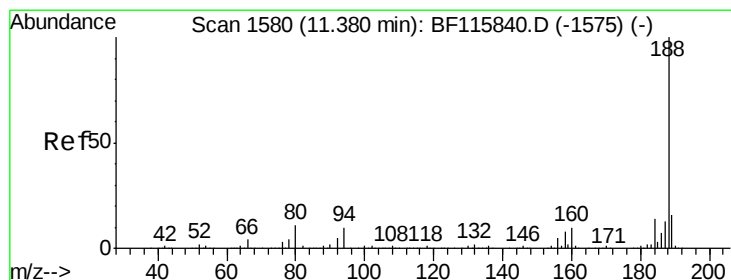
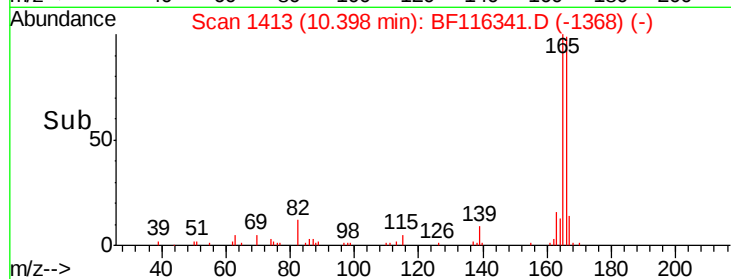
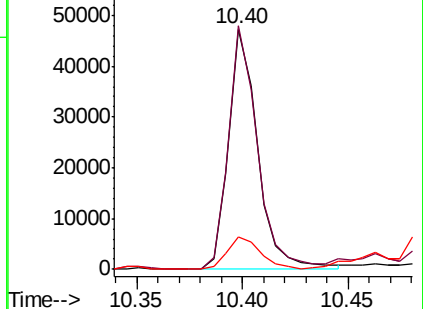
167 13.7 11.0 16.4



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: 11.33 min Scan# 1572

Delta R.T. -0.04 min

Lab File: BF116341.D

Acq: 17 Aug 2019 2:06

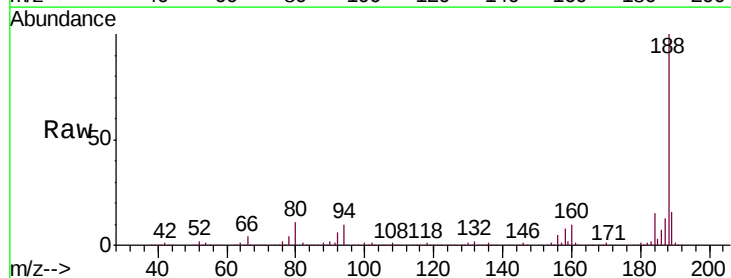
Tgt Ion:188 Resp: 423400

Ion Ratio Lower Upper

188 100

94 10.2 8.1 12.1

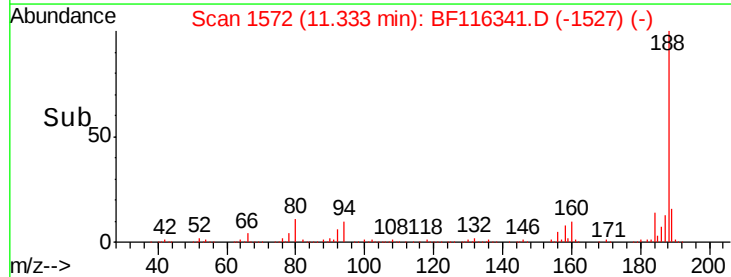
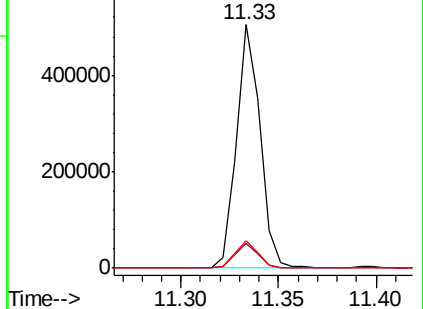
80 11.4 8.7 13.1

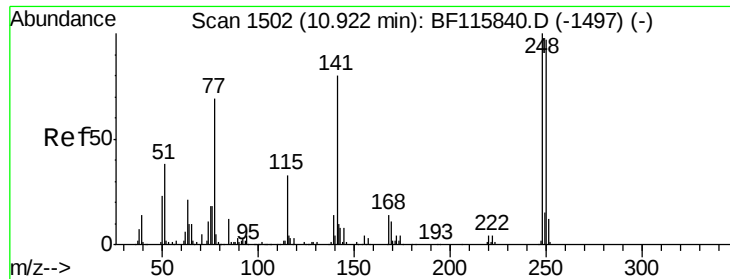


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

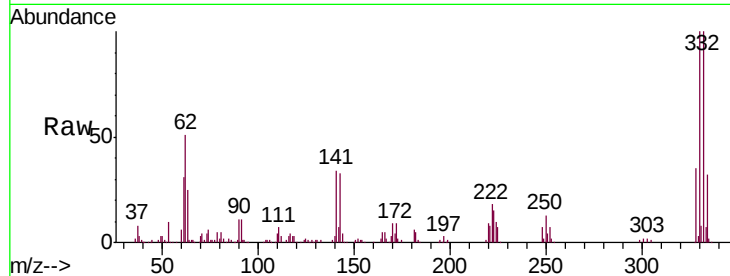




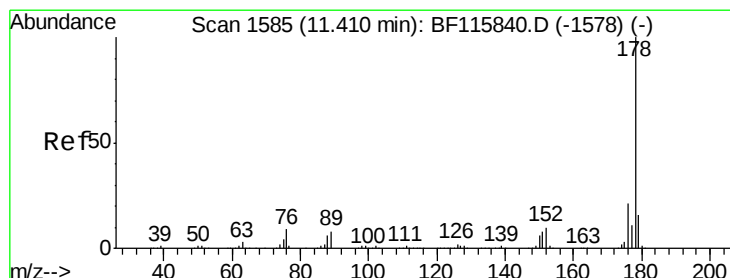
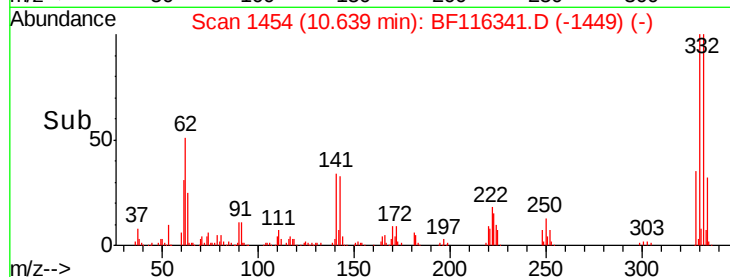
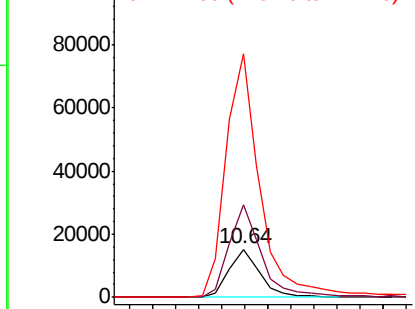
#67
 4-Bromophenyl-phenylether
 Concen: 3.185 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.27 min
 Lab File: BF116341.D
 Acq: 17 Aug 2019 2:06

Instrument :
 BNA_F
 ClientSampleId :
 2S-F1-F4-COMP-(1)

Tgt Ion: 248 Resp: 14434
 Ion Ratio Lower Upper
 248 100
 250 194.1 77.4 116.2#
 141 507.3 56.8 85.2#

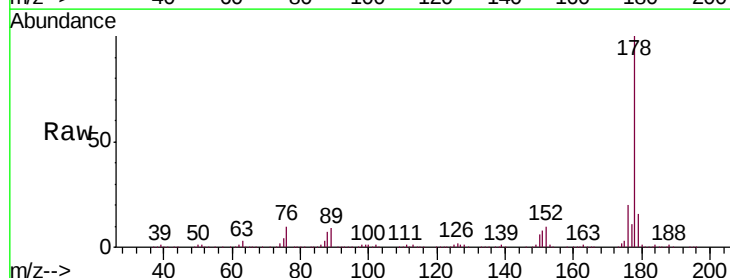


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

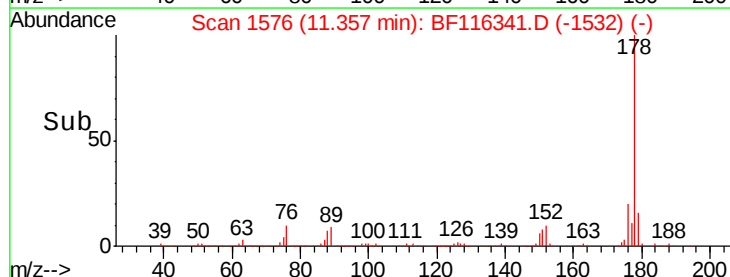
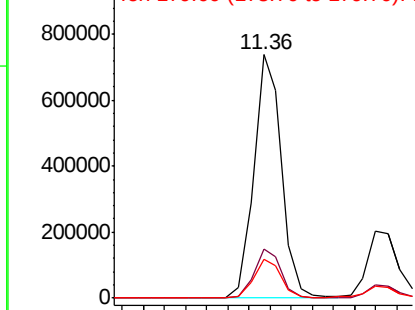


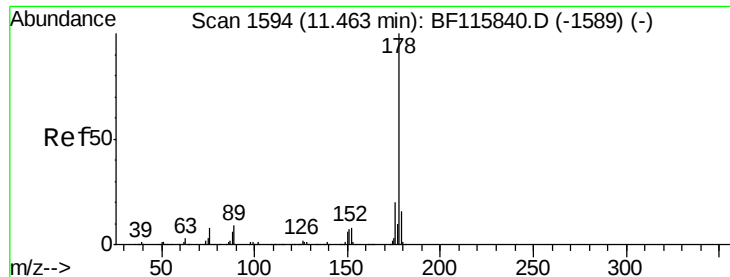
#71
 Phenanthrene
 Concen: 31.029 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.04 min
 Lab File: BF116341.D
 Acq: 17 Aug 2019 2:06

Tgt Ion: 178 Resp: 671627
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 24.8
 179 15.9 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





#72

Anthracene

Concen: 9.726 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.04 min

Lab File: BF116341.D

Acq: 17 Aug 2019 2:06

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(1)

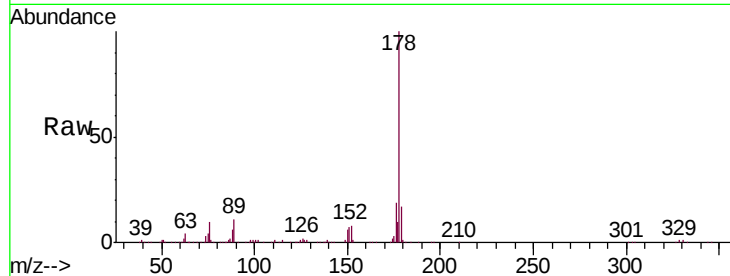
Tgt Ion:178 Resp: 213050

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

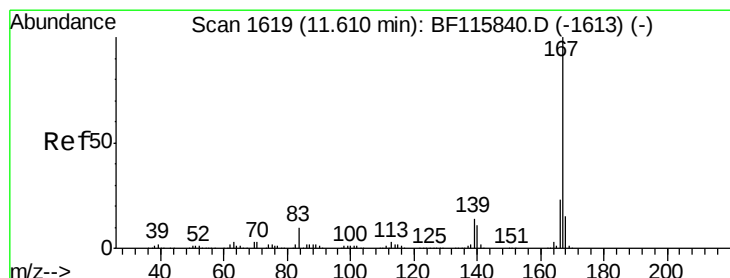
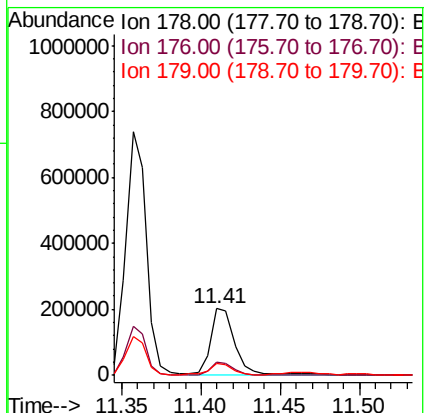
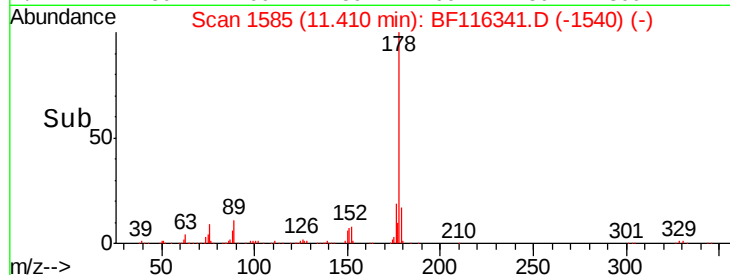
179 17.1 13.0 19.6



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: 2.510 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF116341.D

Acq: 17 Aug 2019 2:06

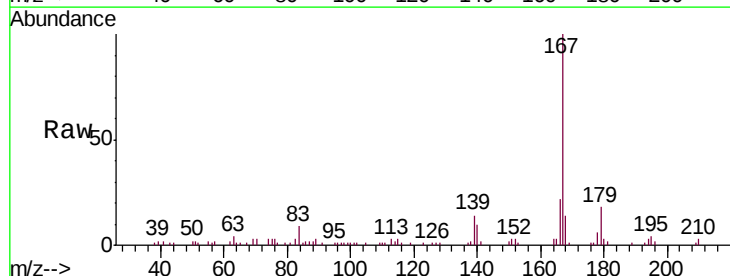
Tgt Ion:167 Resp: 49877

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.6

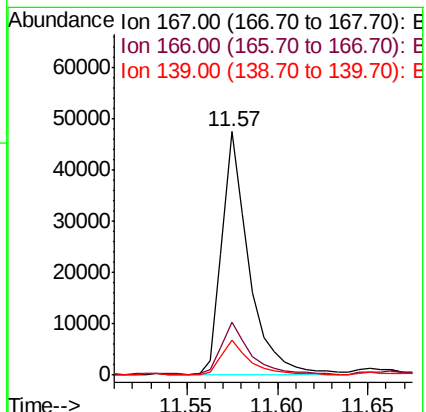
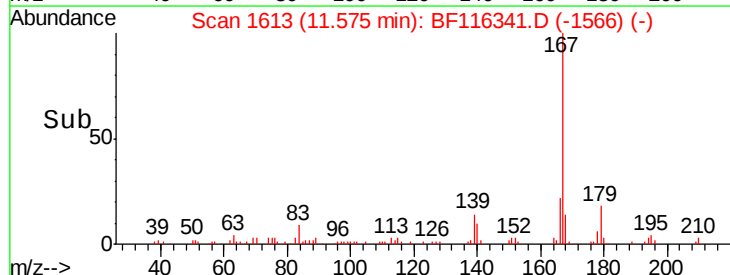
139 14.4 11.4 17.0

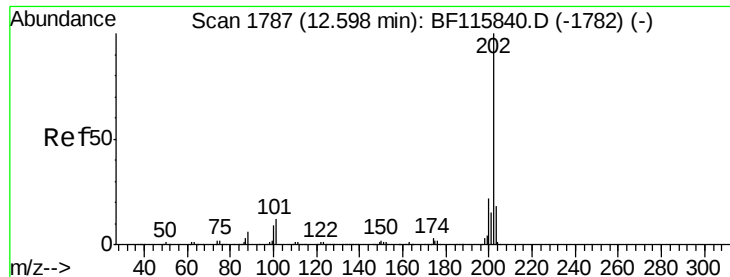


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 37.764 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.04 min

Lab File: BF116341.D

Acq: 17 Aug 2019 2:06

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(1)

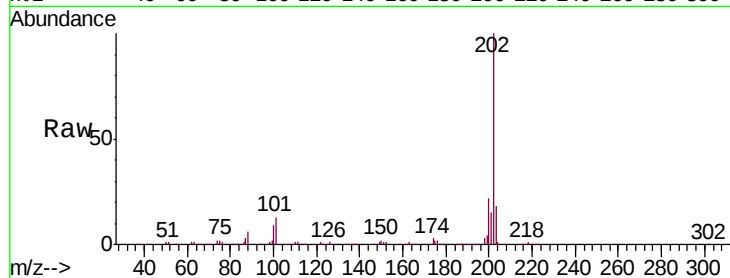
Tgt Ion:202 Resp: 855739

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.2

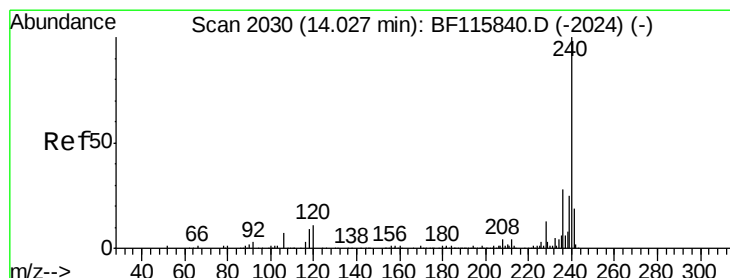
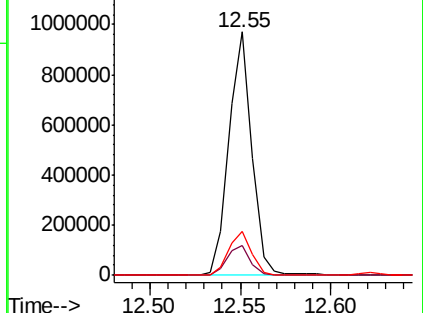
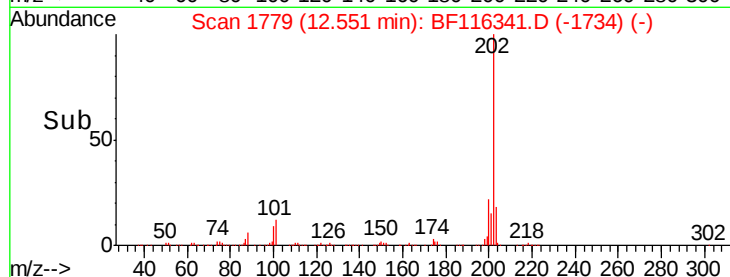
203 18.3 0.0 37.8



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: 13.97 min Scan# 2021

Delta R.T. -0.04 min

Lab File: BF116341.D

Acq: 17 Aug 2019 2:06

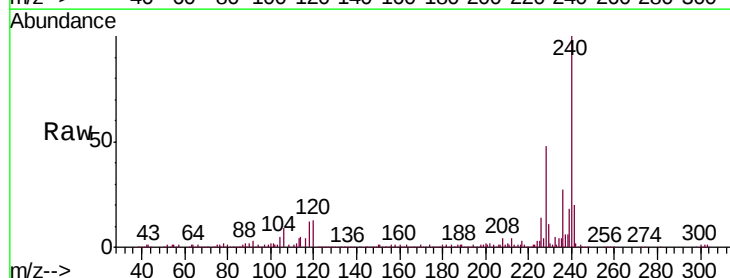
Tgt Ion:240 Resp: 258948

Ion Ratio Lower Upper

240 100

120 13.0 10.7 16.1

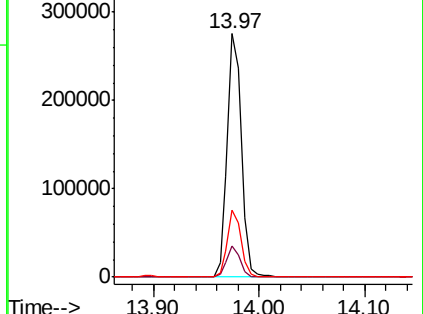
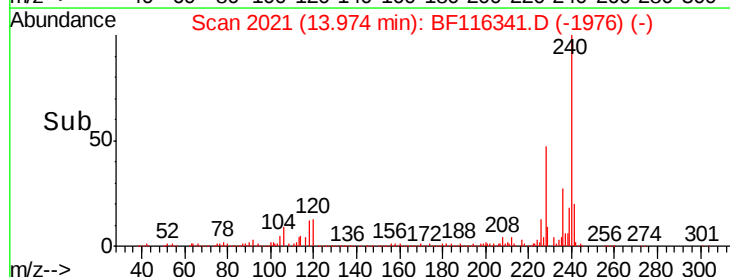
236 27.4 22.2 33.2

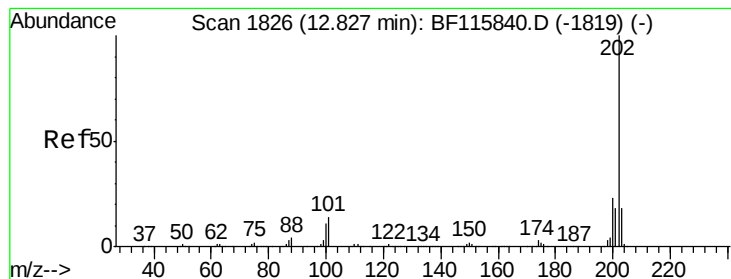


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 36.354 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.04 min

Lab File: BF116341.D

Acq: 17 Aug 2019 2:06

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(1)

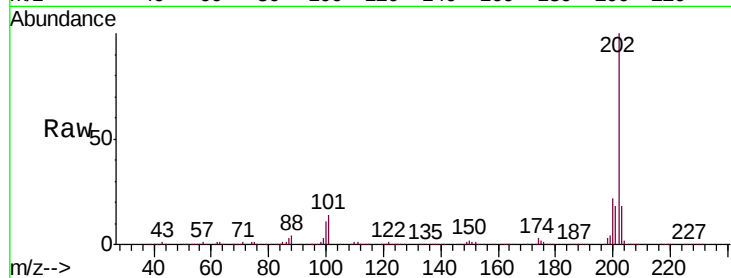
Tgt Ion:202 Resp: 709625

Ion Ratio Lower Upper

202 100

200 21.9 18.0 27.0

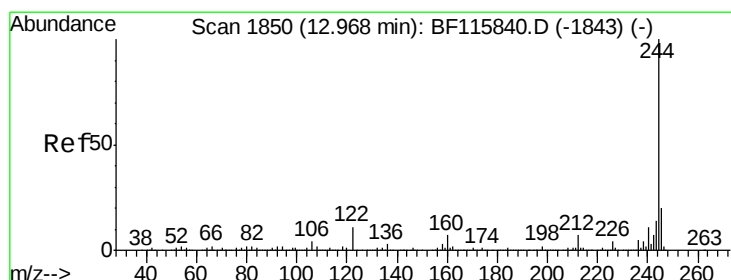
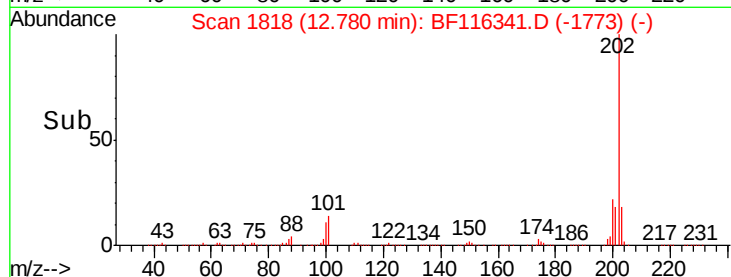
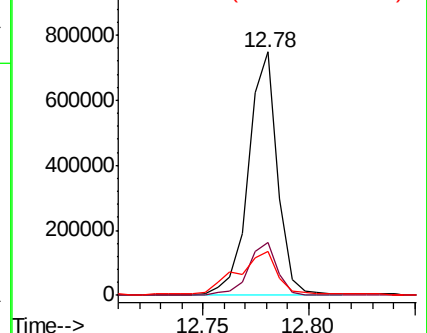
203 17.9 14.1 21.1



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: 75.833 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116341.D

Acq: 17 Aug 2019 2:06

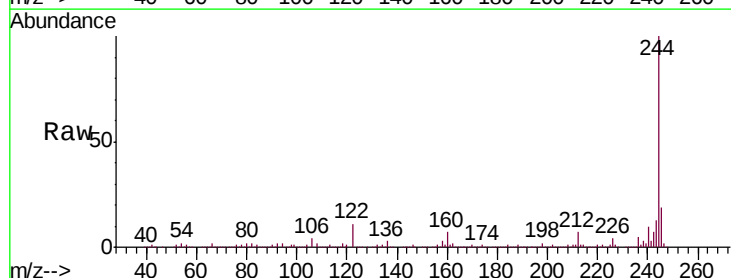
Tgt Ion:244 Resp: 931901

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

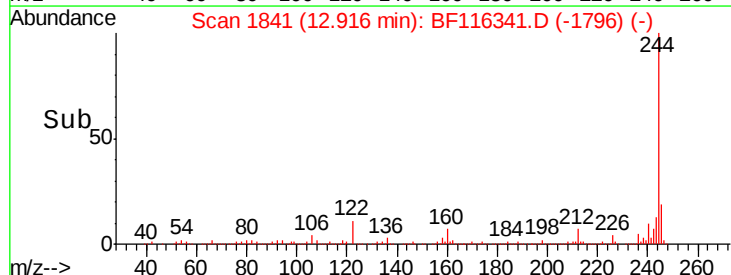
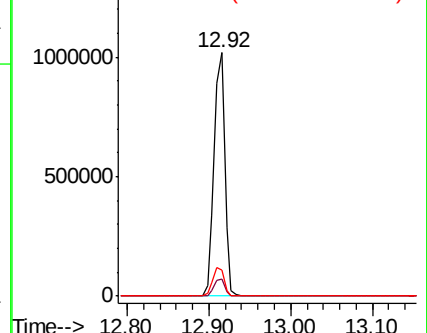
122 10.8 9.0 13.4

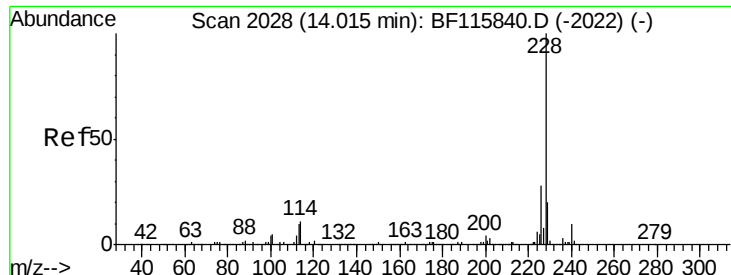


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

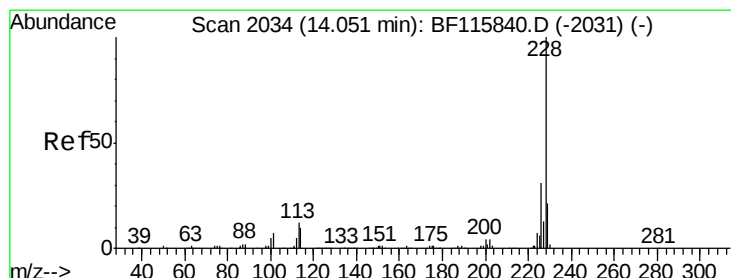
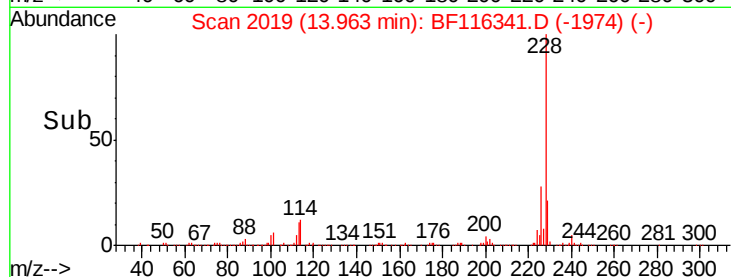
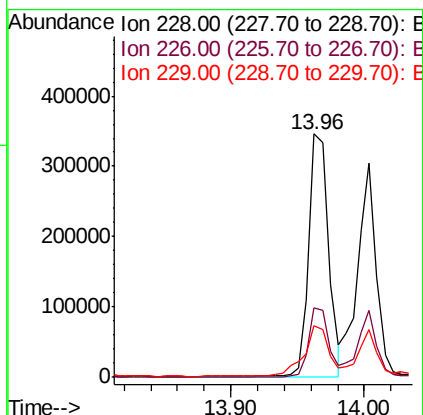
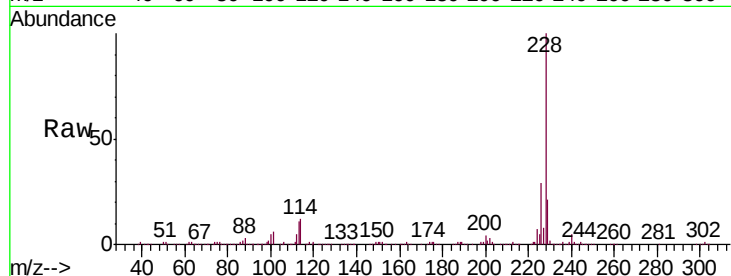




#81
Benzo(a)anthracene
Concen: 21.155 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.04 min
Lab File: BF116341.D
Acq: 17 Aug 2019 2:06

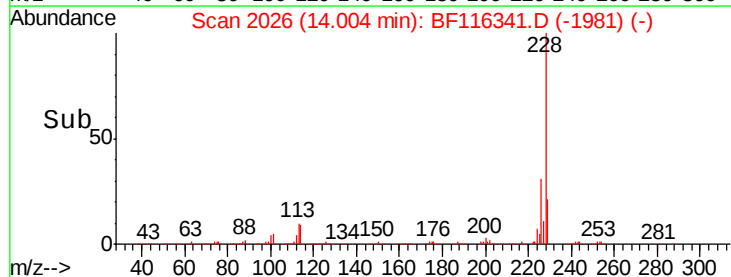
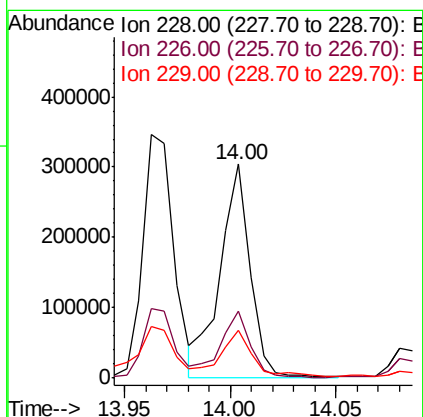
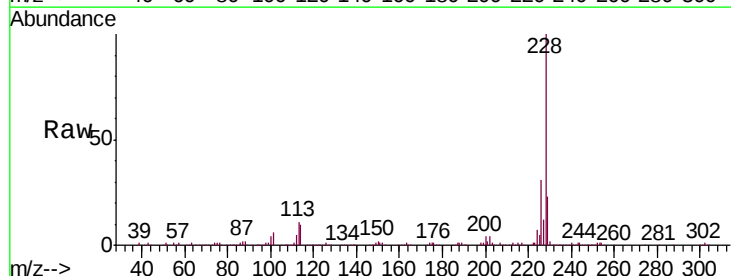
Instrument :
BNA_F
ClientSampleId :
2S-F1-F4-COMP-(1)

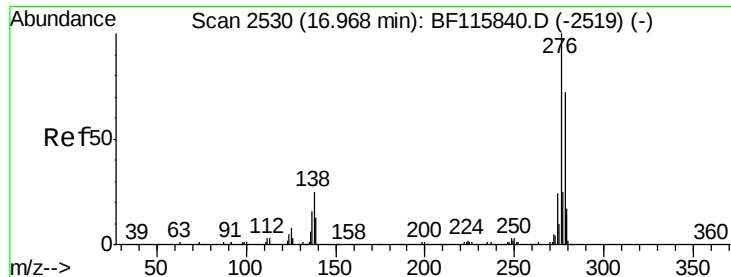
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	21.4	16.2	24.4



#83
Chrysene
Concen: 18.572 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.04 min
Lab File: BF116341.D
Acq: 17 Aug 2019 2:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.5	38.3
229	22.5	16.6	24.8

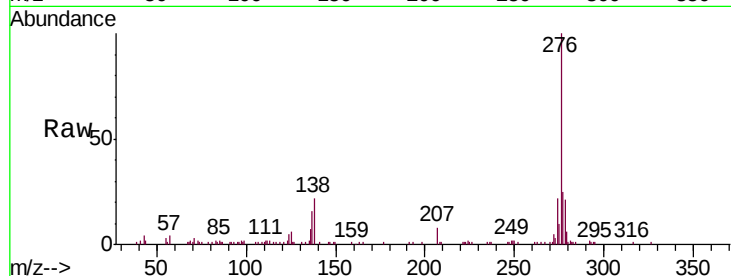




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 8.634 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.05 min
 Lab File: BF116341.D
 Acq: 17 Aug 2019 2:06

Instrument :
 BNA_F
 ClientSampleId :
 2S-F1-F4-COMP-(1)

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.4	30.6
277	22.9	20.0	30.0

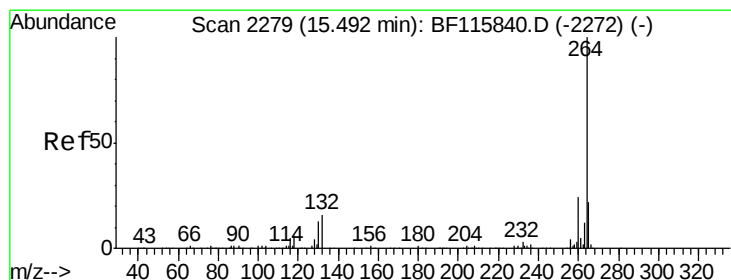
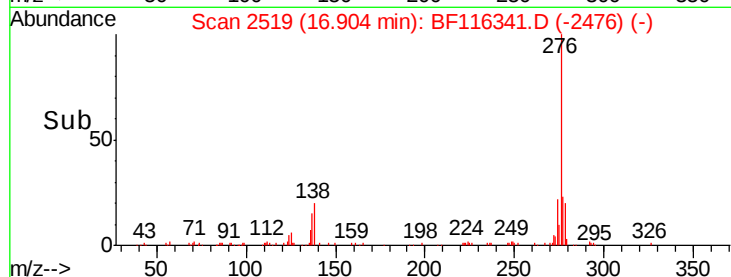
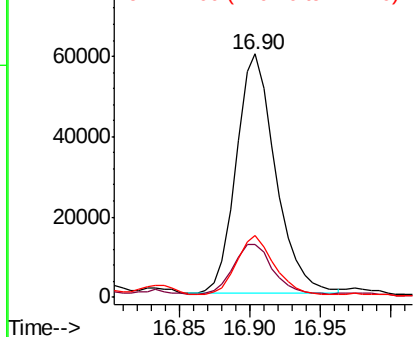


Abundance

Ion 276.00 (275.70 to 276.70): E

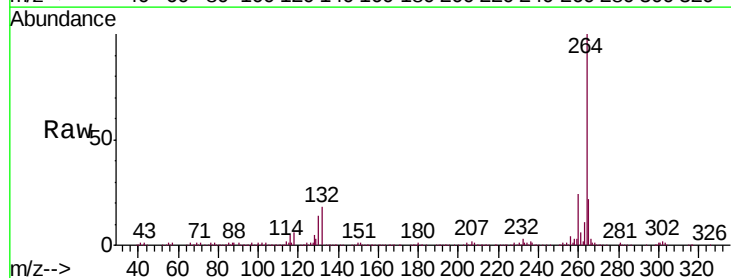
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF116341.D
 Acq: 17 Aug 2019 2:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	21.8	17.4	26.0

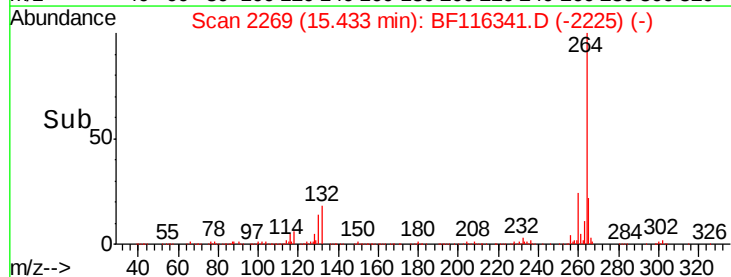
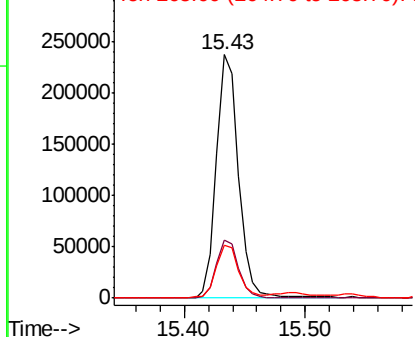


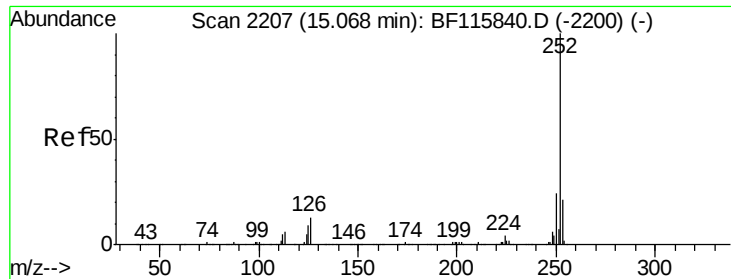
Abundance

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

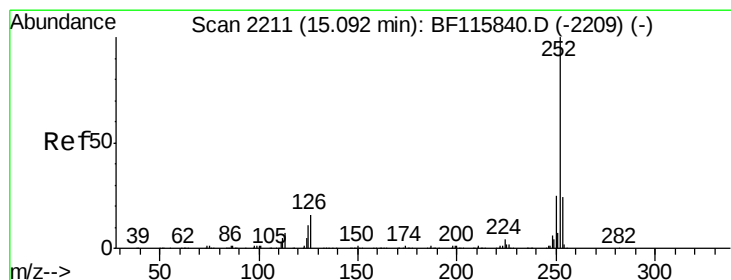
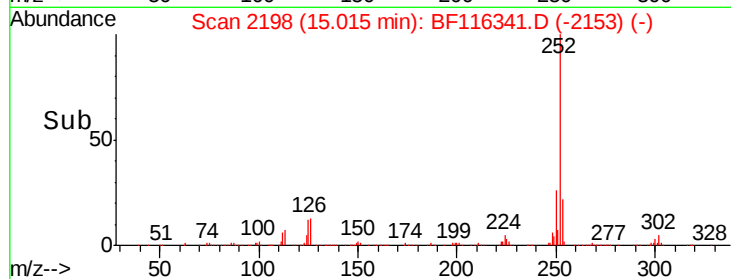
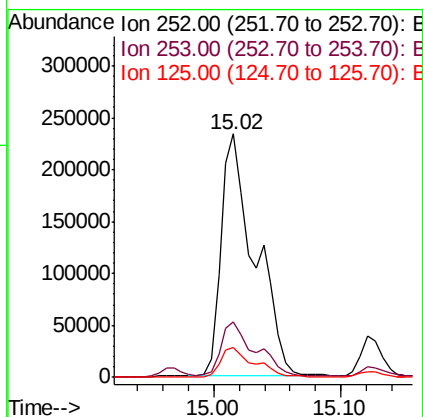
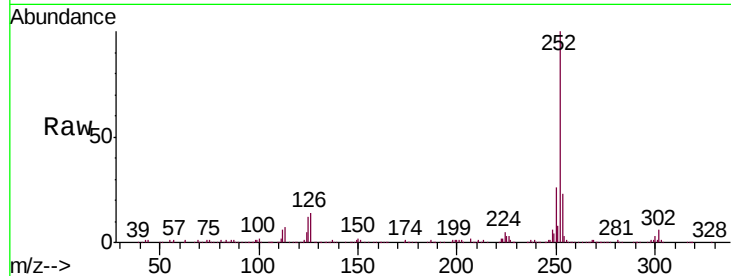




#88
Benzo(b)fluoranthene
Concen: 25.254 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF116341.D
Acq: 17 Aug 2019 2:06

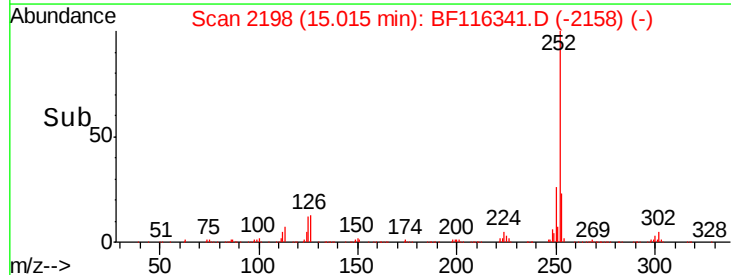
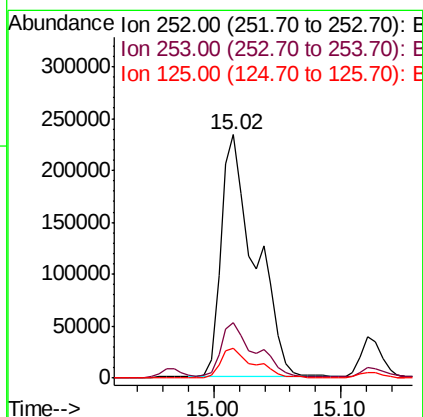
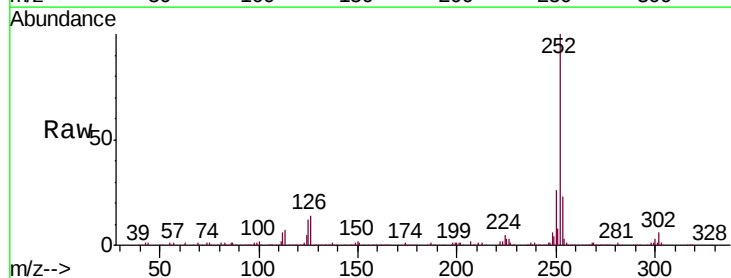
Instrument :
BNA_F
ClientSampleId :
2S-F1-F4-COMP-(1)

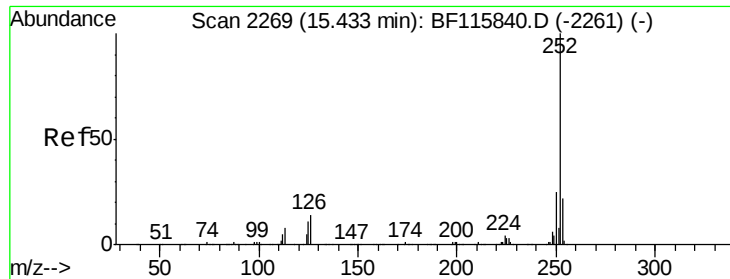
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	12.0	8.4	12.6



#89
Benzo(k)fluoranthene
Concen: 25.902 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.06 min
Lab File: BF116341.D
Acq: 17 Aug 2019 2:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	12.0	7.7	11.5#





#90

Benzo(a)pyrene

Concen: 15.067 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.04 min

Lab File: BF116341.D

Acq: 17 Aug 2019 2:06

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(1)

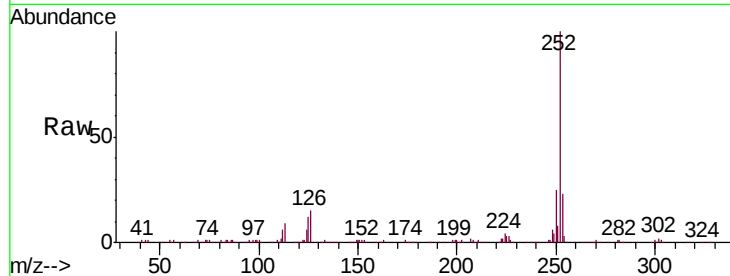
Tgt Ion: 252 Resp: 232294

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

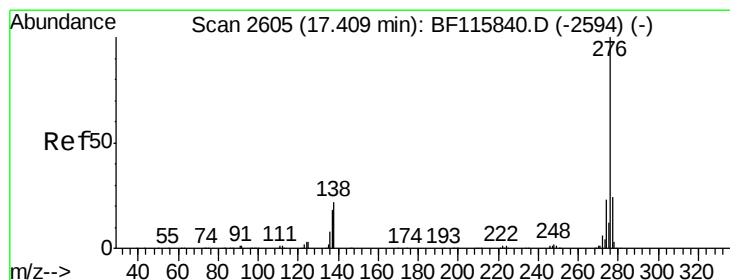
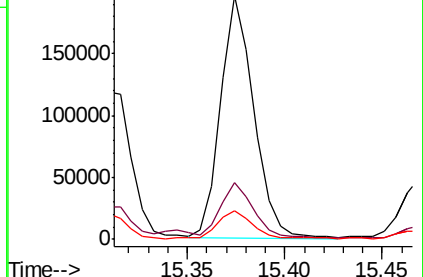
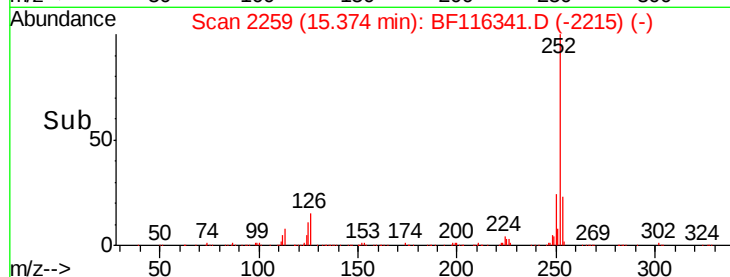
125 11.5 8.9 13.3



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



#92

Benzo(g,h,i)perylene

Concen: 7.704 ng

RT: 17.34 min Scan# 2594

Delta R.T. -0.04 min

Lab File: BF116341.D

Acq: 17 Aug 2019 2:06

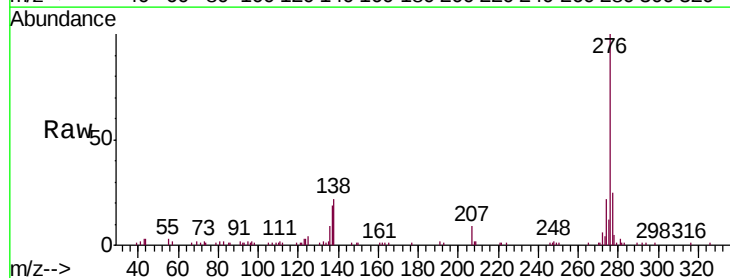
Tgt Ion: 276 Resp: 100973

Ion Ratio Lower Upper

276 100

277 24.8 18.4 27.6

138 21.7 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

