

Data File : BF111471.D
Acq On : 15 Dec 2018 16:26
Operator : JU/SJ
Sample : J6316-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-2

Quant Time: Dec 16 00:44:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	156012	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	630434	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	278640	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	405919	20.00	ng	0.00
76) Chrysene-d12	13.95	240	289894	20.00	ng	0.00
87) Perylene-d12	15.39	264	267651	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	979145	104.44	ng	0.00
7) Phenol-d6	6.44	99	1252616	100.44	ng	0.00
23) Nitrobenzene-d5	7.35	82	780125	73.69	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	183721	73.61	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1310779	72.66	ng	0.00
79) Terphenyl-d14	12.90	244	777530	62.98	ng	0.00

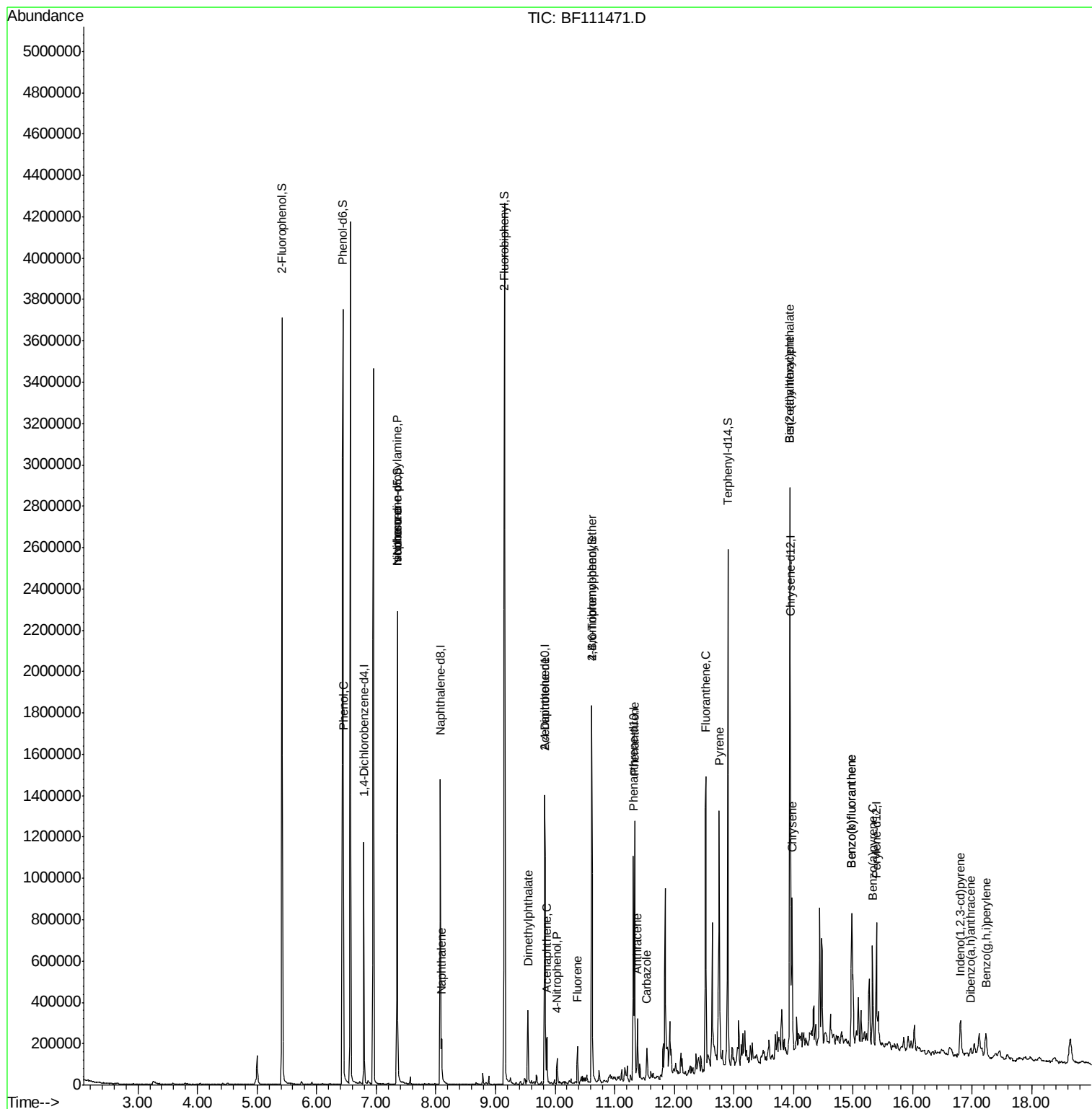
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	92235	6.639	ng	90
19) n-Nitroso-di-n-propylamine	7.35	70	103248	12.549	ng	# 81
25) Isophorone	7.35	82	780116	43.550	ng	# 64
31) Naphthalene	8.10	128	89845	3.047	ng	96
50) Dimethylphthalate	9.55	163	158097	7.878	ng	97
52) Acenaphthene	9.86	154	48734	2.895	ng	95
56) 4-Nitrophenol	10.03	139	15228	4.011	ng	# 9
57) 2,4-Dinitrotoluene	9.83	165	37111	6.260	ng	# 25
58) Fluorene	10.37	166	45649	2.575	ng	98
67) 4-Bromophenyl-phenylether	10.62	248	11301	2.583	ng	# 1
71) Phenanthrene	11.34	178	483149	23.099	ng	93
72) Anthracene	11.39	178	101580	4.749	ng	94
73) Carbazole	11.54	167	65088	2.943	ng	# 91
75) Fluoranthene	12.53	202	582752	28.479	ng	96
78) Pyrene	12.75	202	520737	25.478	ng	96
81) Benzo(a)anthracene	13.94	228	278507	17.669	ng	99
83) Chrysene	13.97	228	272336	16.401	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	482661	37.932	ng	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	103630	8.647	ng	# 91
88) Benzo(b)fluoranthene	14.97	252	466890	29.920	ng	99
89) Benzo(k)fluoranthene	14.97	252	466890	31.313	ng	99
90) Benzo(a)pyrene	15.33	252	225233	16.006	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	22972	2.070	ng	98
92) Benzo(g,h,i)perylene	17.23	276	96522	8.859	ng	# 93

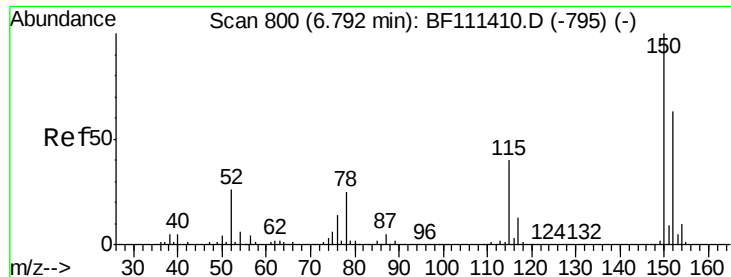
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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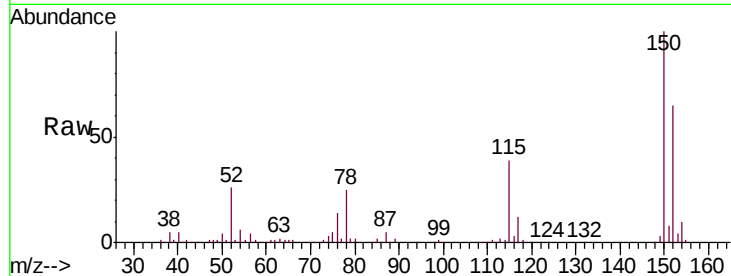


#1

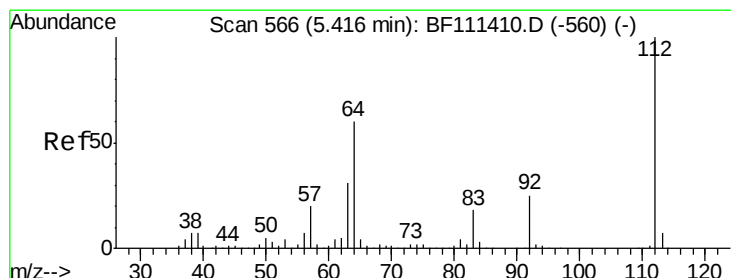
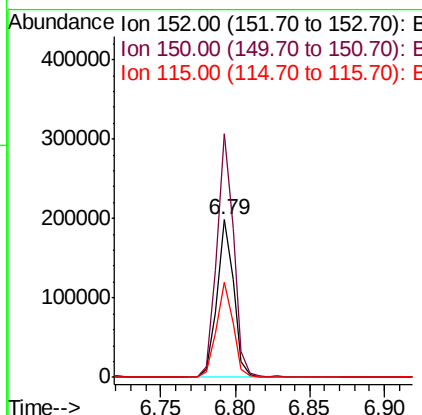
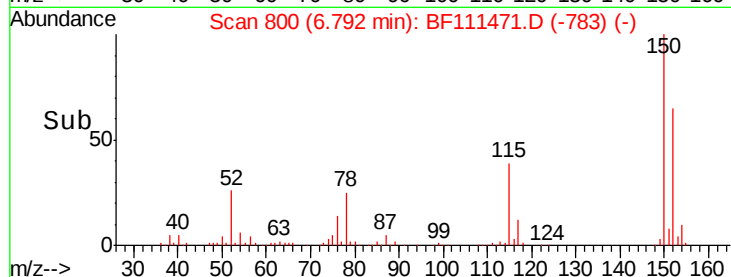
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111471.D
Acq: 15 Dec 2018 16:26

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-2

Tgt Ion:152 Resp: 156012
Ion Ratio Lower Upper
152 100
150 154.5 126.6 189.8
115 60.3 50.7 76.1



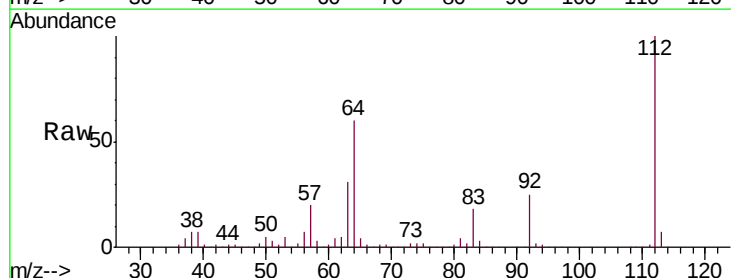
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



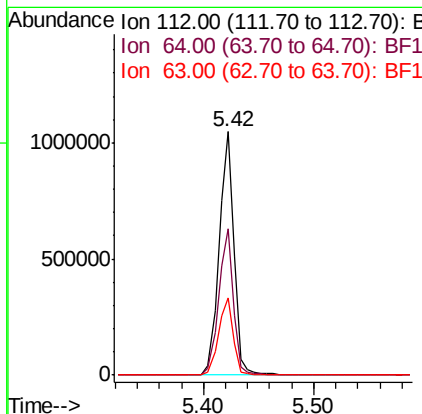
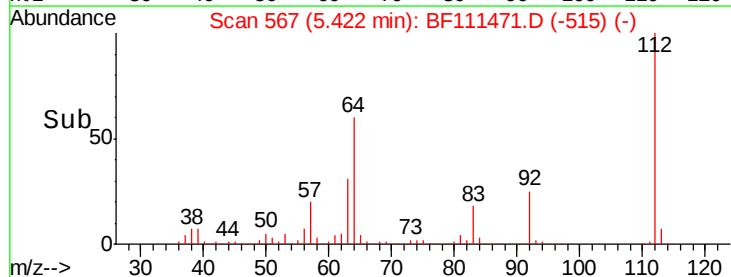
#5

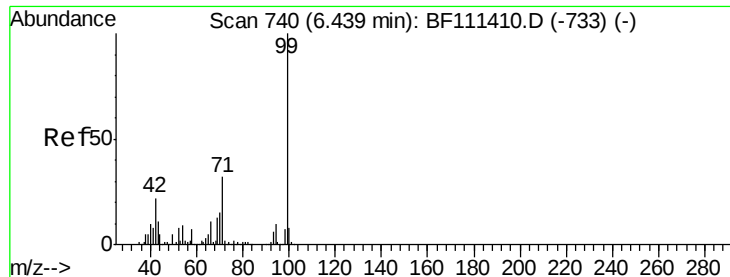
2-Fluorophenol
Concen: 104.438 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111471.D
Acq: 15 Dec 2018 16:26

Tgt Ion:112 Resp: 979145
Ion Ratio Lower Upper
112 100
64 60.0 51.8 77.6
63 31.5 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 100.443 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

Instrument :

BNA_F

ClientSampleId :

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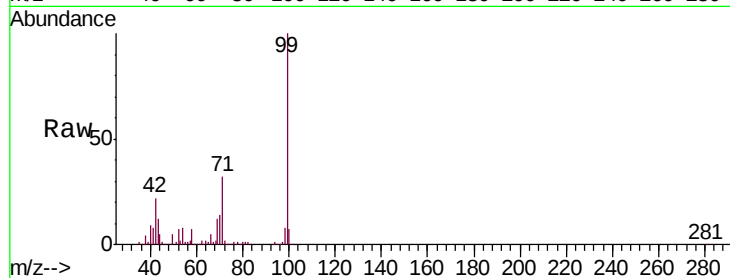
Tgt Ion: 99 Resp: 1252616

Ion Ratio Lower Upper

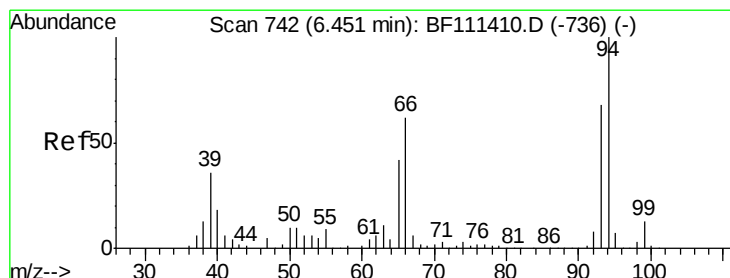
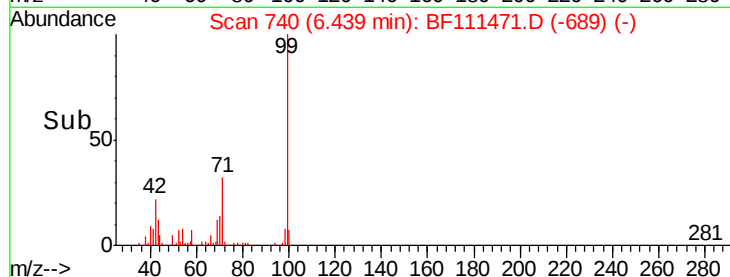
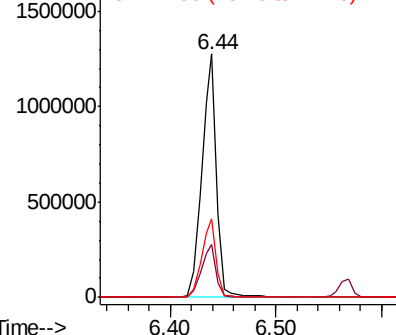
99 100

42 22.0 17.4 26.0

71 32.2 26.1 39.1



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: 6.639 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

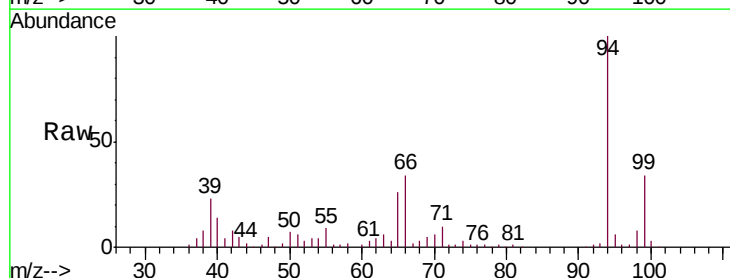
Tgt Ion: 94 Resp: 92235

Ion Ratio Lower Upper

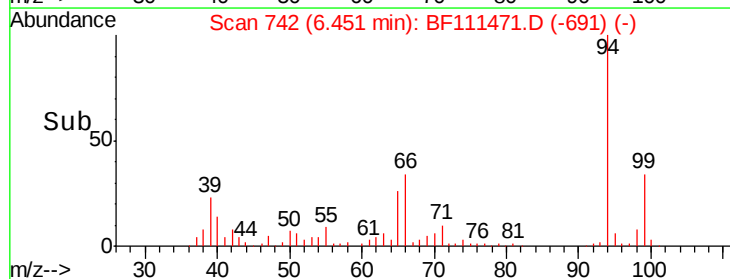
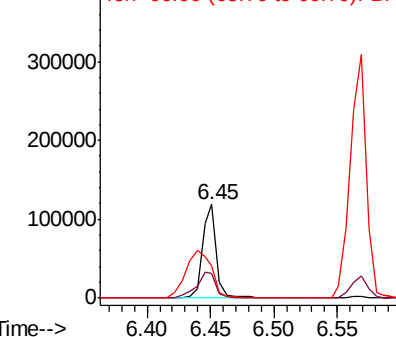
94 100

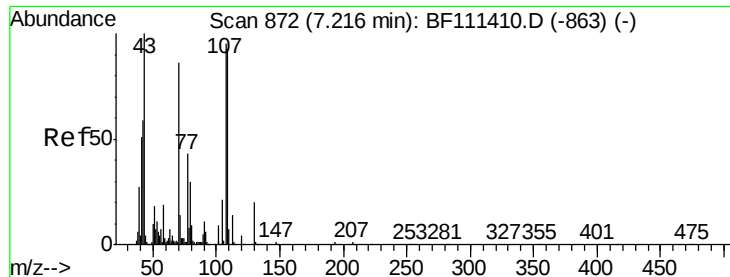
65 26.1 11.7 51.7

66 34.4 21.0 61.0



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

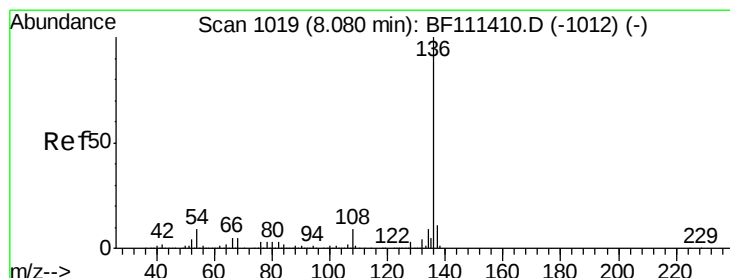
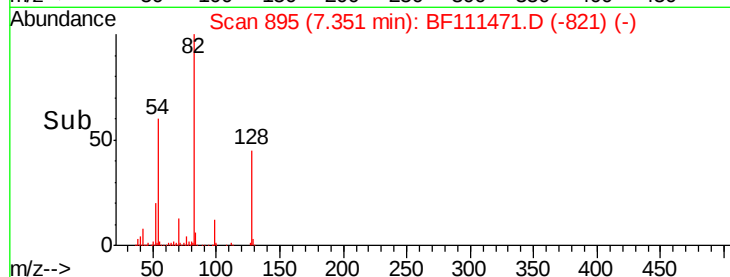
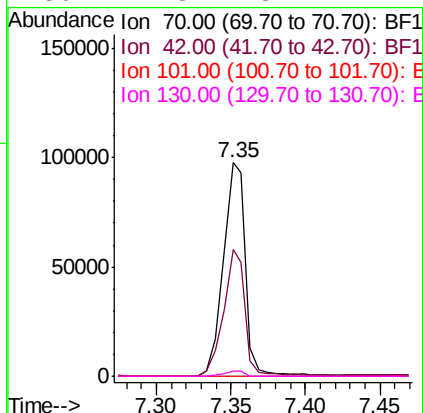
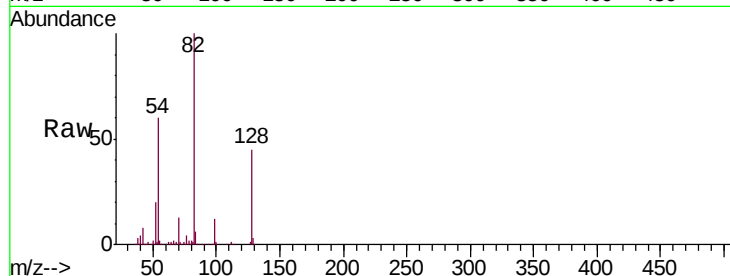




#19
n-Nitroso-di-n-propylamine
Concen: 12.549 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111471.D
Acq: 15 Dec 2018 16:26

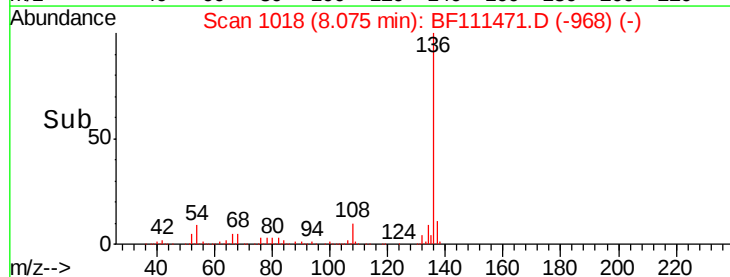
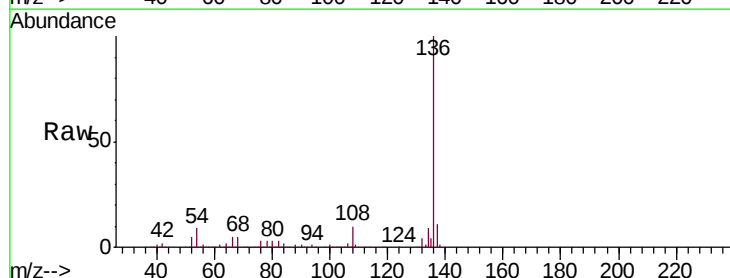
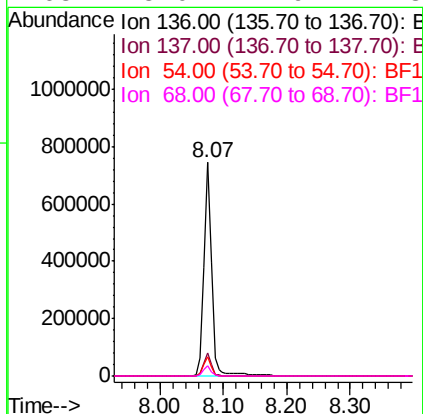
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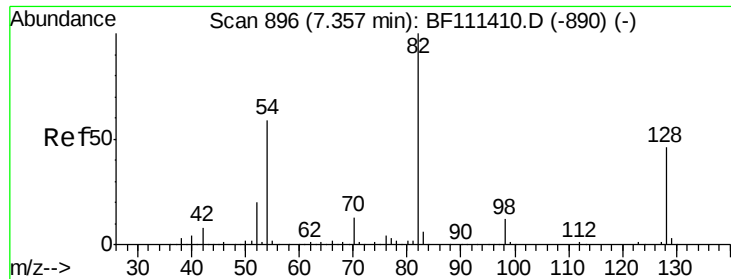
Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.2	53.2	79.8
101	0.0	8.2	12.4
130	2.3	18.1	27.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111471.D
Acq: 15 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.0	7.7	11.5
68	5.0	4.9	7.3

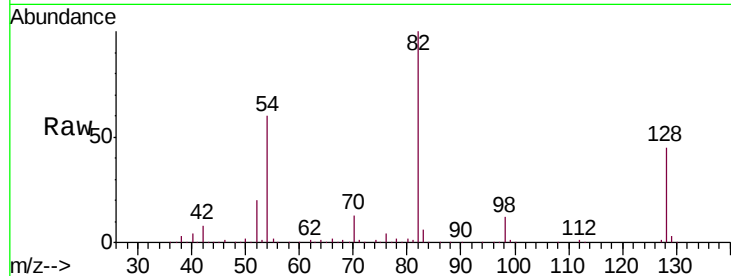




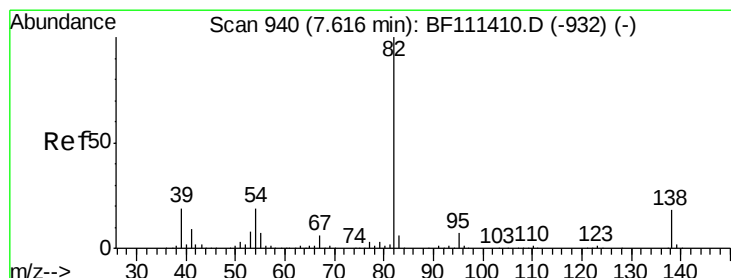
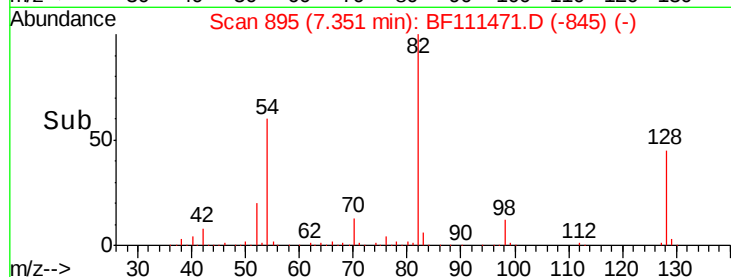
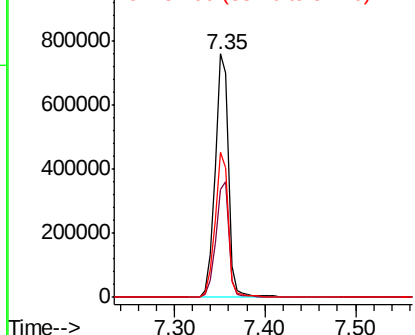
#23
 Nitrobenzene-d5
 Concen: 73.688 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111471.D
 Acq: 15 Dec 2018 16:26

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	37.4	56.2
54	59.6	47.6	71.4

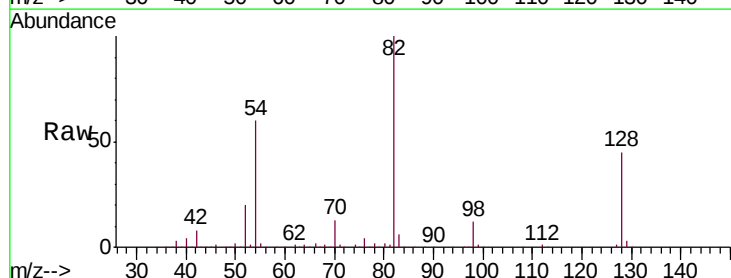


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

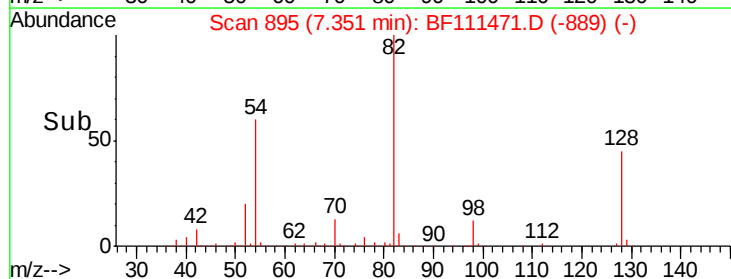
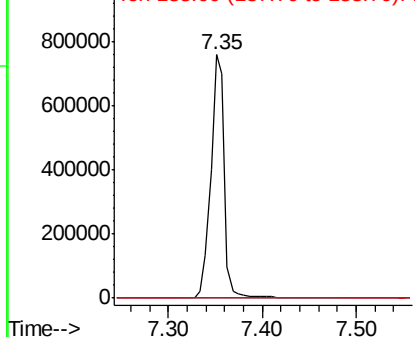


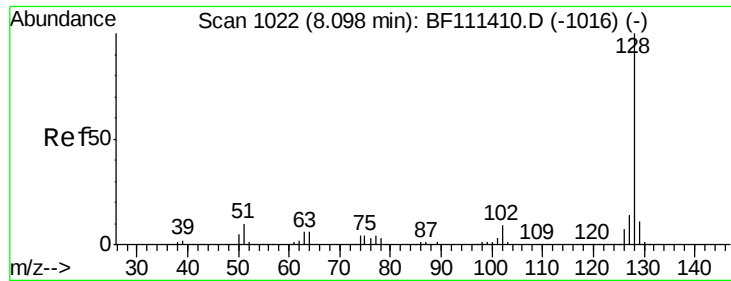
#25
 Isophorone
 Concen: 43.550 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.26 min
 Lab File: BF111471.D
 Acq: 15 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



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

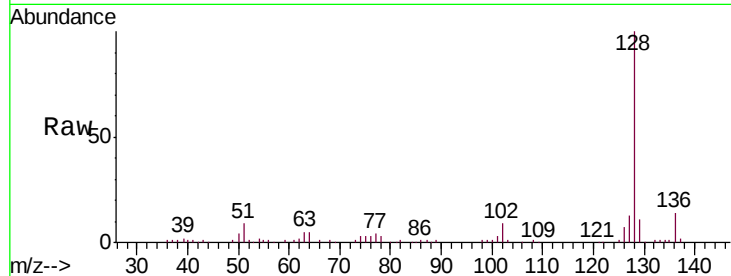




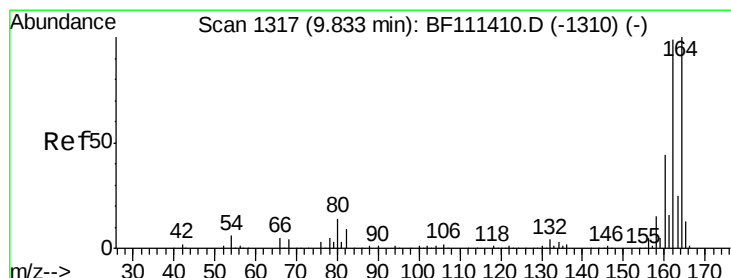
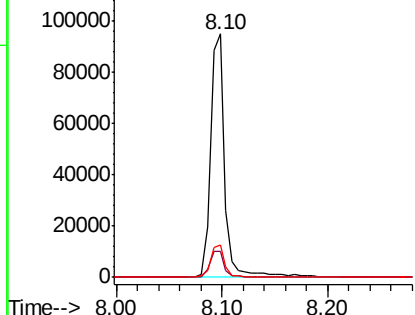
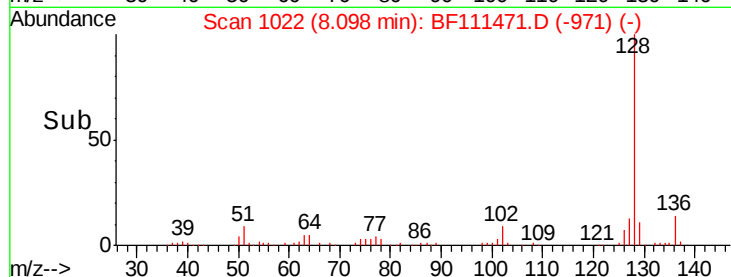
#31
Naphthalene
Concen: 3.047 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF111471.D
Acq: 15 Dec 2018 16:26

Instrument :
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Tgt Ion:128 Resp: 89845
Ion Ratio Lower Upper
128 100
129 10.7 9.8 14.8
127 13.4 12.0 18.0

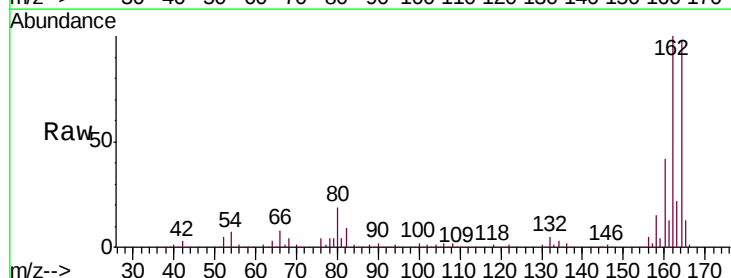


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

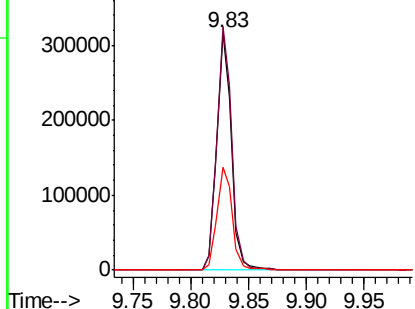
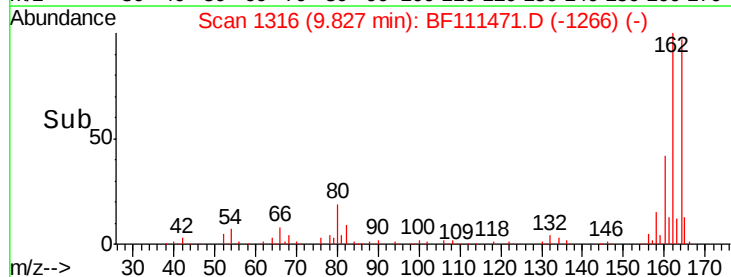


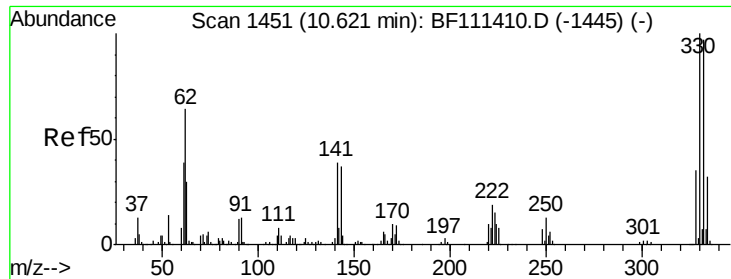
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111471.D
Acq: 15 Dec 2018 16:26

Tgt Ion:164 Resp: 278640
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 43.1 35.7 53.5



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

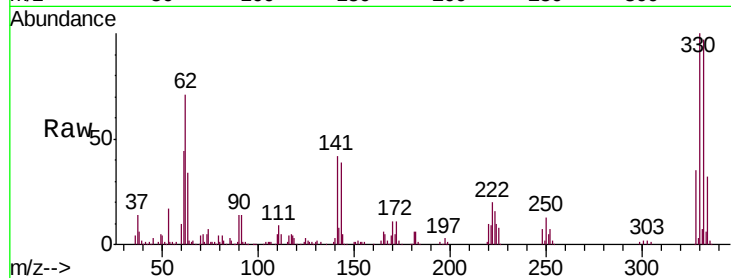




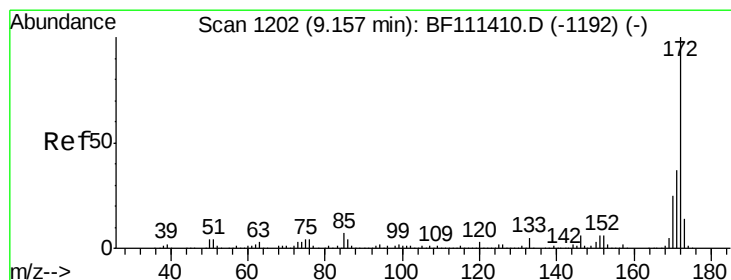
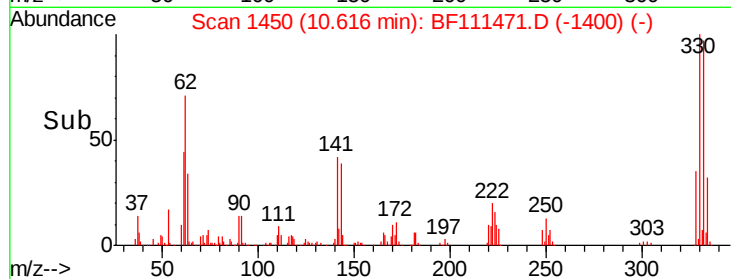
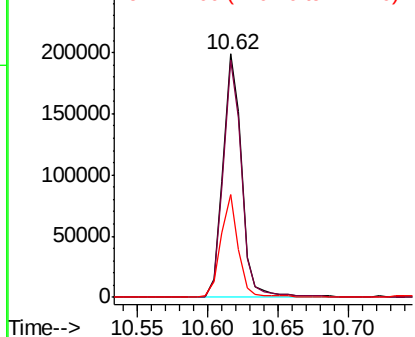
#42
 2,4,6-Tribromophenol
 Concen: 73.606 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111471.D
 Acq: 15 Dec 2018 16:26

Instrument :
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 AVE-X-B-BALL-FIELD-S-2

Tgt Ion:330 Resp: 183721
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.0 114.0
 141 40.3 31.0 46.6

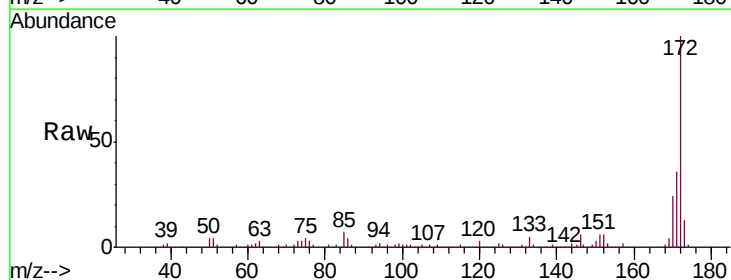


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

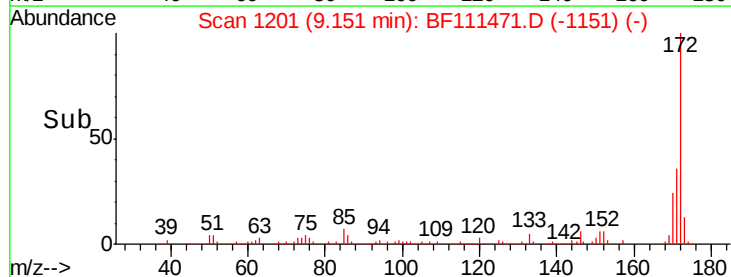
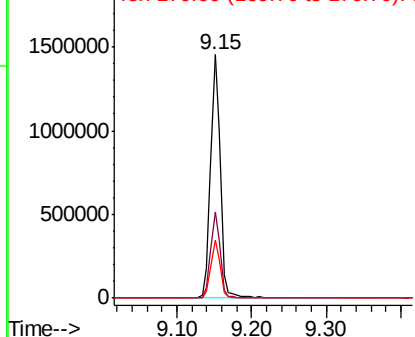


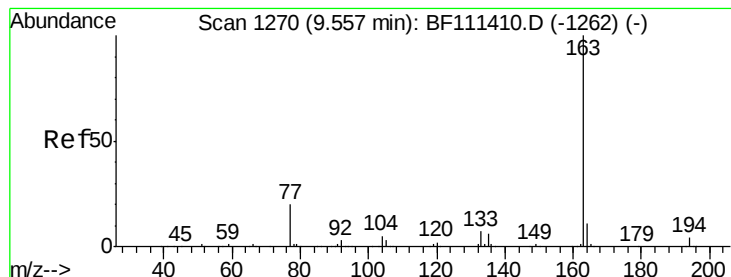
#45
 2-Fluorobiphenyl
 Concen: 72.663 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111471.D
 Acq: 15 Dec 2018 16:26

Tgt Ion:172 Resp: 1310779
 Ion Ratio Lower Upper
 172 100
 171 35.5 33.0 49.4
 170 24.0 22.3 33.5



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: 7.878 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF111471.D

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Instrument :

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ClientSampleId :

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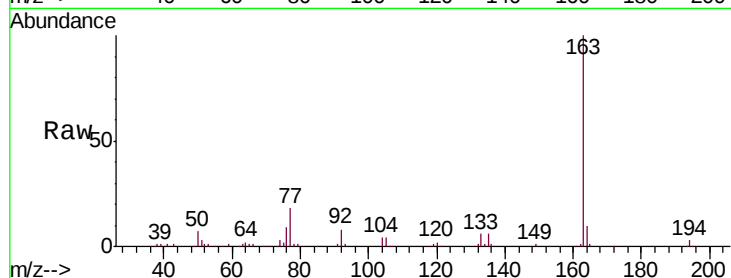
Tgt Ion:163 Resp: 158097

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.6

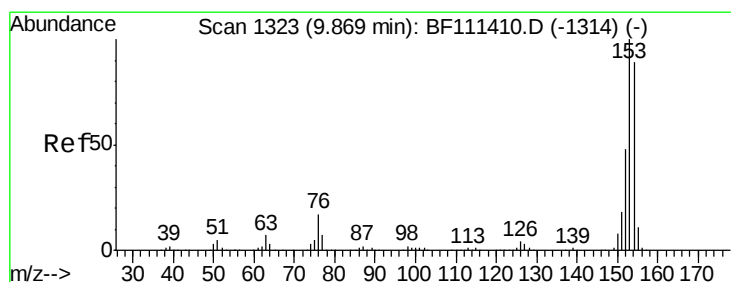
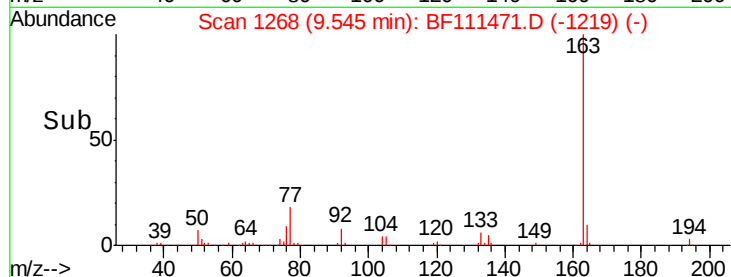
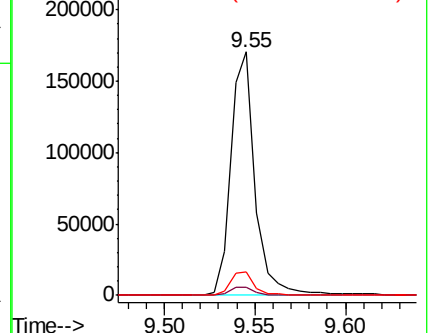
164 9.7 8.9 13.3



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



#52

Acenaphthene

Concen: 2.895 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

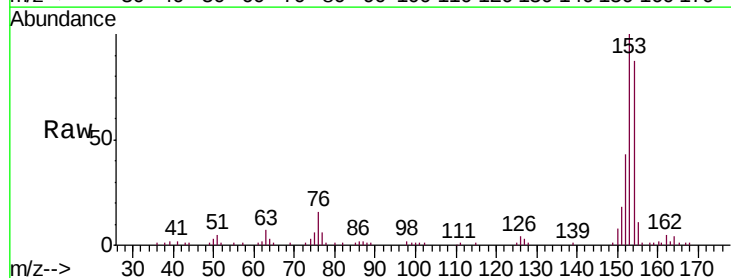
Tgt Ion:154 Resp: 48734

Ion Ratio Lower Upper

154 100

153 115.1 87.8 131.8

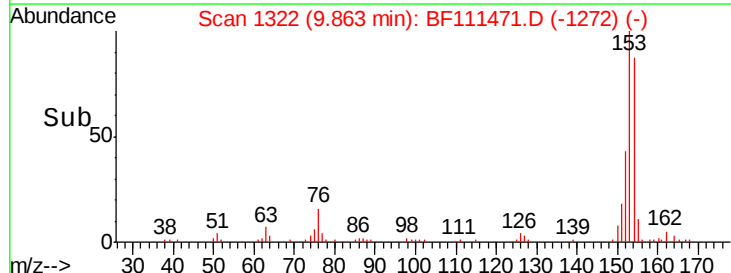
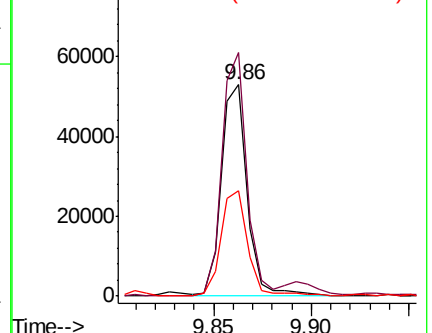
152 49.9 43.4 65.2

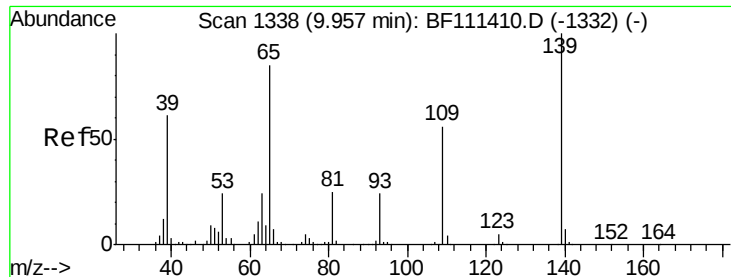


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

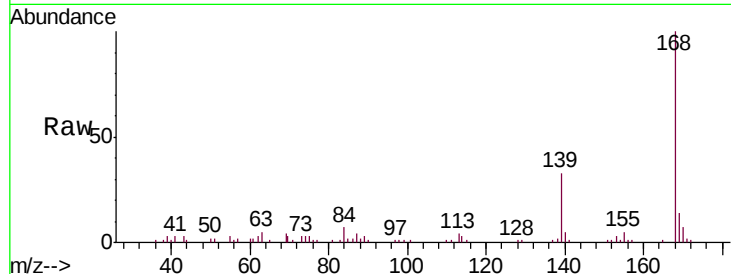




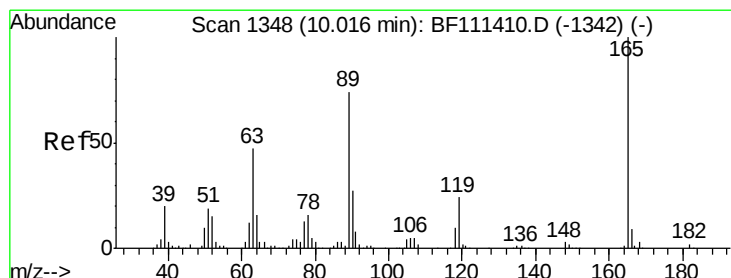
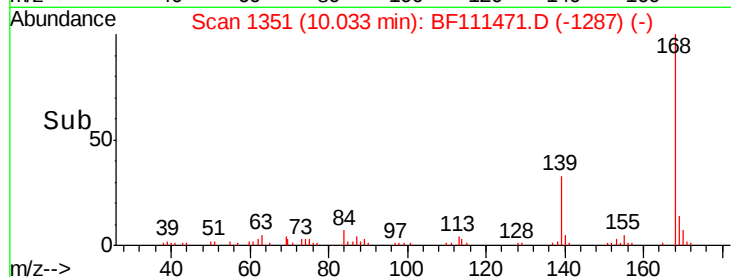
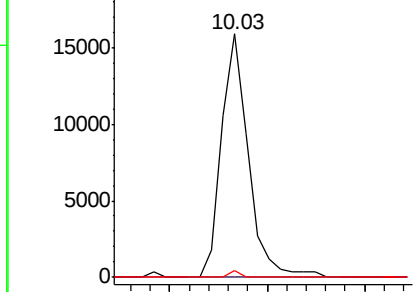
#56
4-Nitrophenol
Concen: 4.011 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.08 min
Lab File: BF111471.D
Acq: 15 Dec 2018 16:26

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-2

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	41.8	81.8#
65	2.9	79.6	119.6#

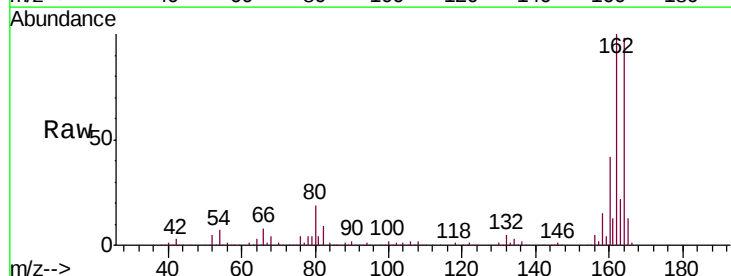


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

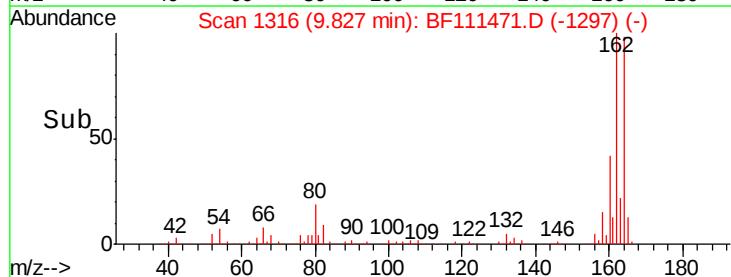
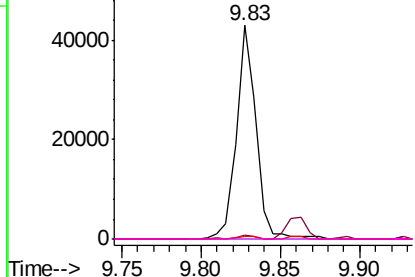


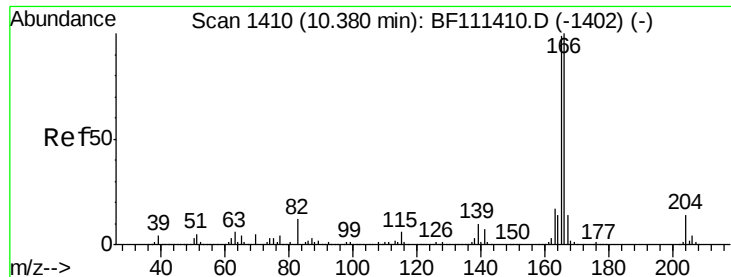
#57
2,4-Dinitrotoluene
Concen: 6.260 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111471.D
Acq: 15 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.6	52.0#
89	1.2	56.2	84.4#
182	0.0	1.8	2.6#



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





#58

Fluorene

Concen: 2.575 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

Instrument :

BNA_F

ClientSampleId :

AVE-X-B-BALL-FIELD-S-2

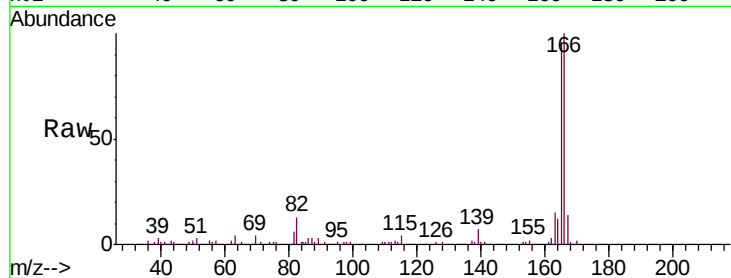
Tgt Ion:166 Resp: 45649

Ion Ratio Lower Upper

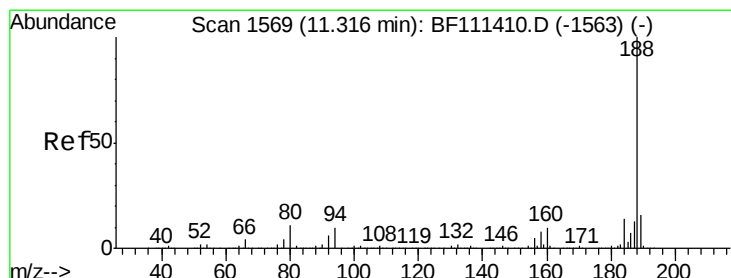
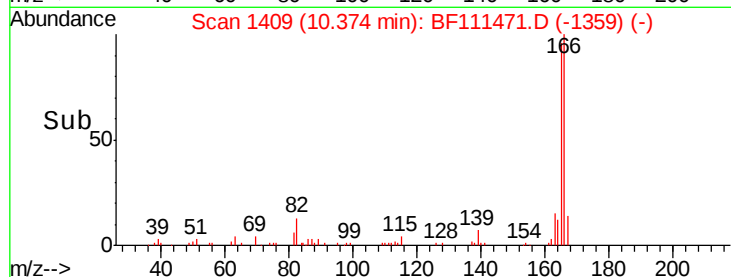
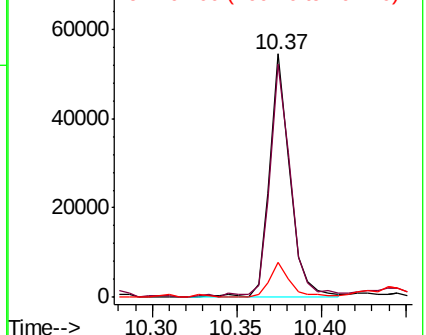
166 100

165 95.7 78.4 117.6

167 14.3 11.2 16.8



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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

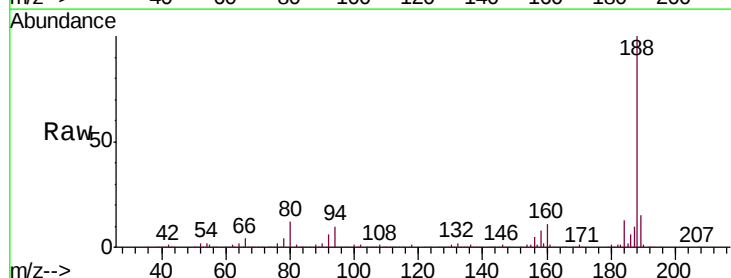
Tgt Ion:188 Resp: 405919

Ion Ratio Lower Upper

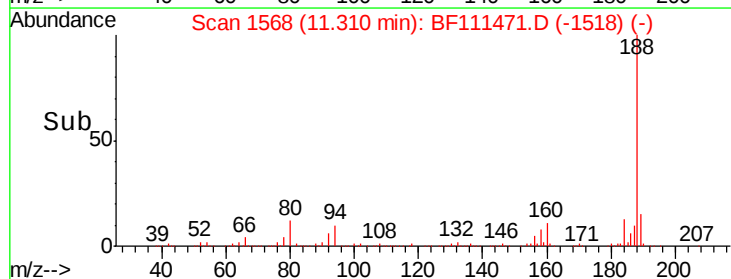
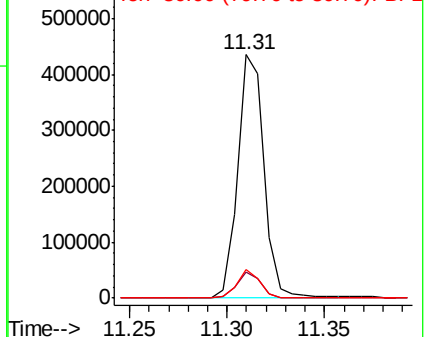
188 100

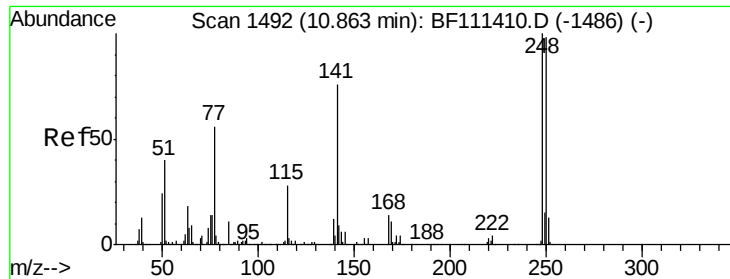
94 10.4 9.6 14.4

80 12.0 9.8 14.6



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

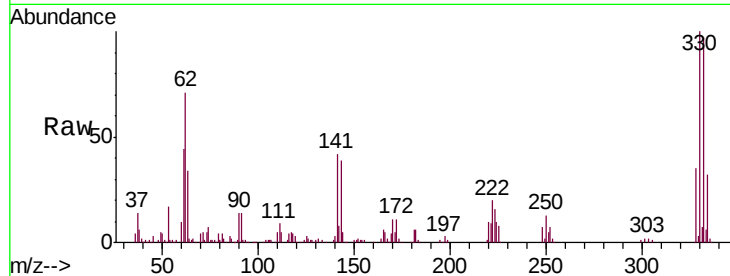




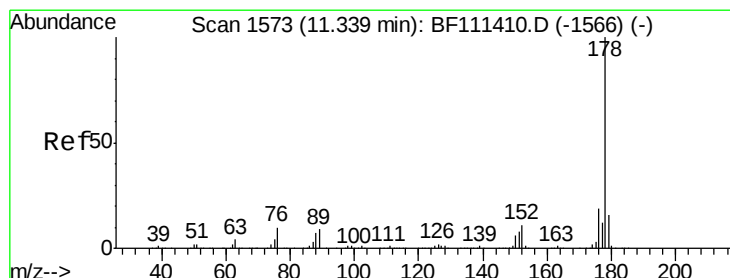
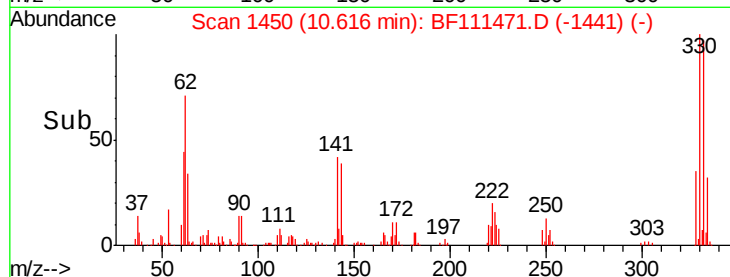
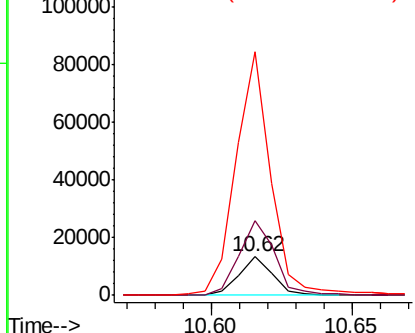
#67
 4-Bromophenyl-phenylether
 Concen: 2.583 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF111471.D
 Acq: 15 Dec 2018 16:26

Instrument :
 BNA_F
 ClientSampleId :
 AVE-X-B-BALL-FIELD-S-2

Tgt Ion:248 Resp: 11301
 Ion Ratio Lower Upper
 248 100
 250 193.1 77.0 115.4#
 141 630.0 63.0 94.6#

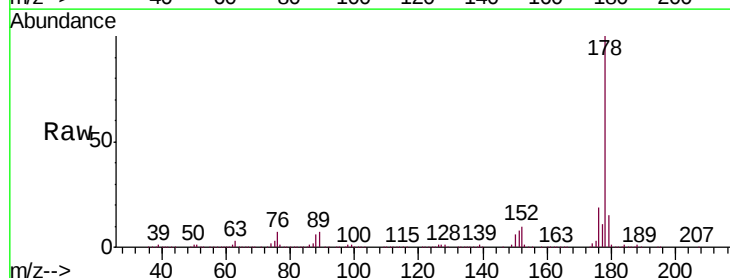


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

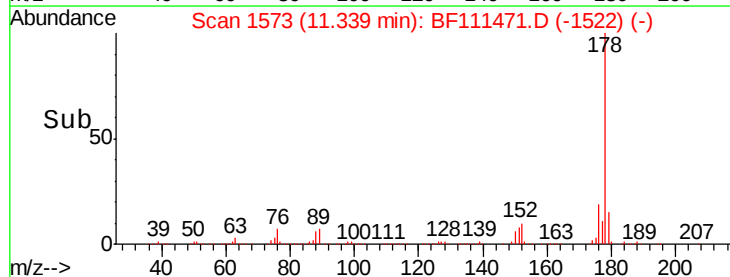
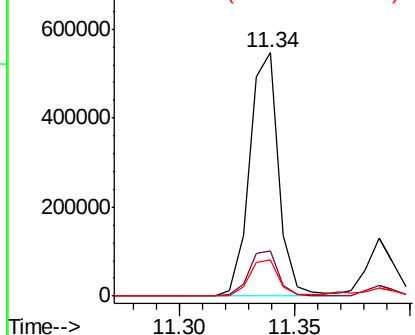


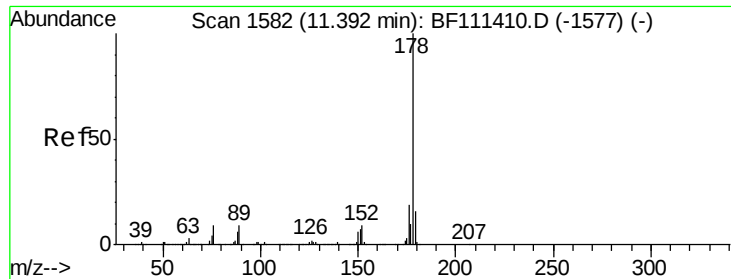
#71
 Phenanthrene
 Concen: 23.099 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF111471.D
 Acq: 15 Dec 2018 16:26

Tgt Ion:178 Resp: 483149
 Ion Ratio Lower Upper
 178 100
 176 18.8 18.1 27.1
 179 15.1 14.0 21.0



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: 4.749 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

Instrument :

BNA_F

ClientSampleId :

AVE-X-B-BALL-FIELD-S-2

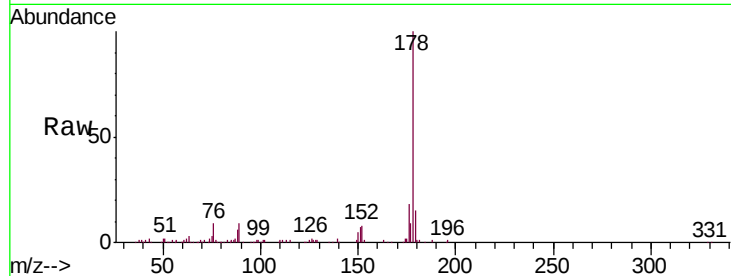
Tgt Ion:178 Resp: 101580

Ion Ratio Lower Upper

178 100

176 18.5 17.2 25.8

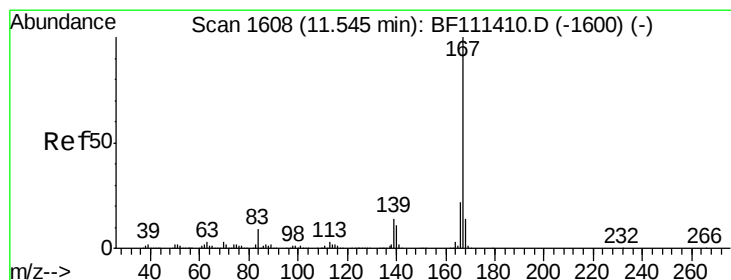
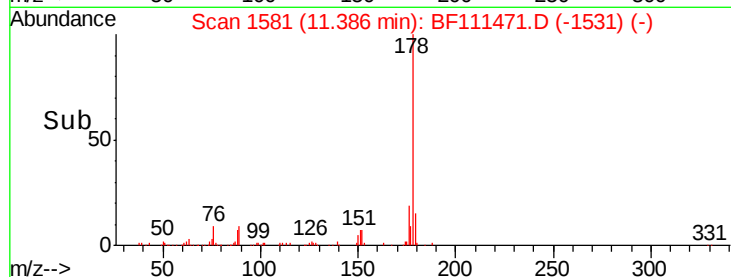
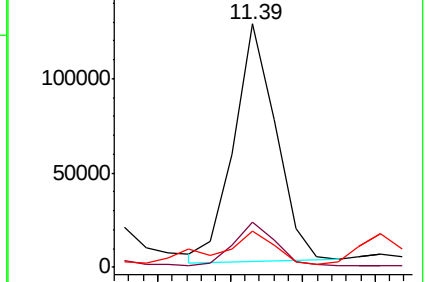
179 14.7 13.8 20.8



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: 2.943 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

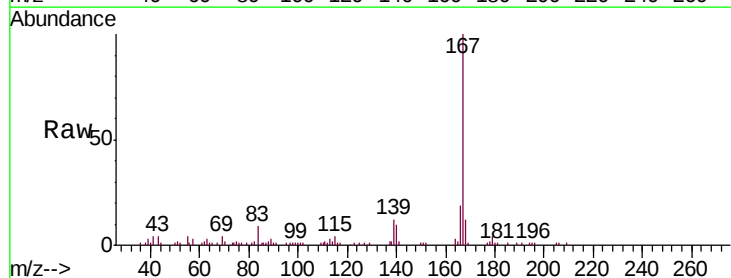
Tgt Ion:167 Resp: 65088

Ion Ratio Lower Upper

167 100

166 18.5 19.3 28.9#

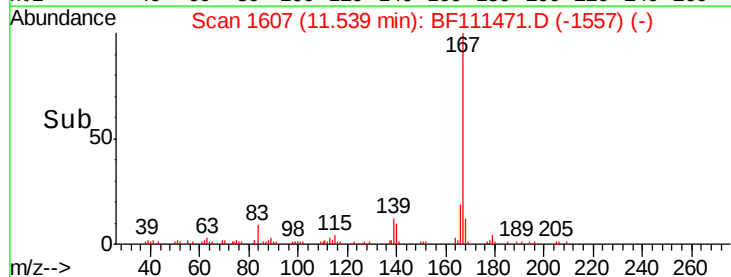
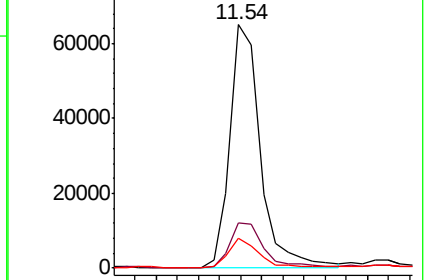
139 12.3 11.9 17.9

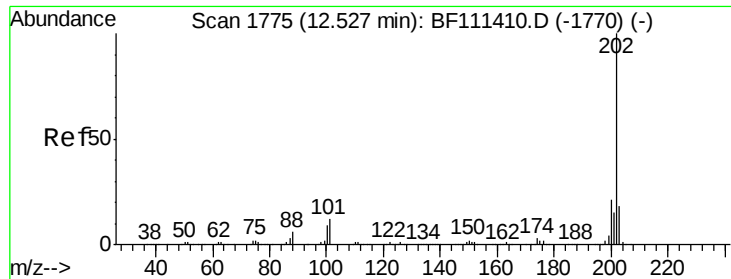


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 28.479 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

Instrument :

BNA_F

ClientSampleId :

AVE-X-B-BALL-FIELD-S-2

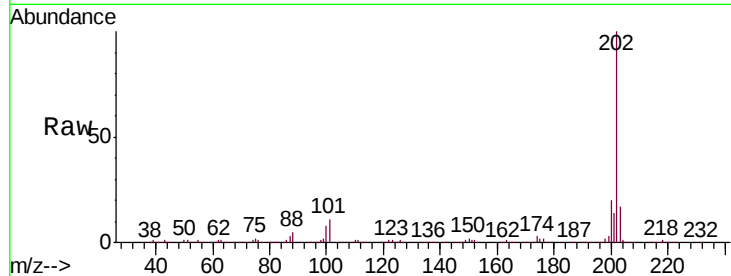
Tgt Ion:202 Resp: 582752

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.8

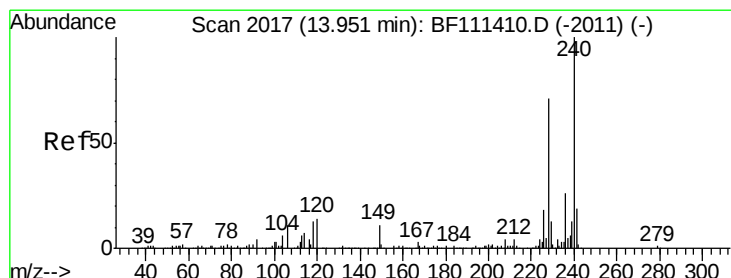
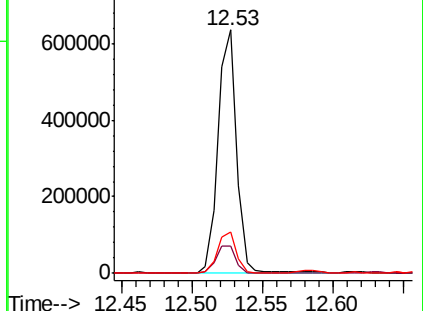
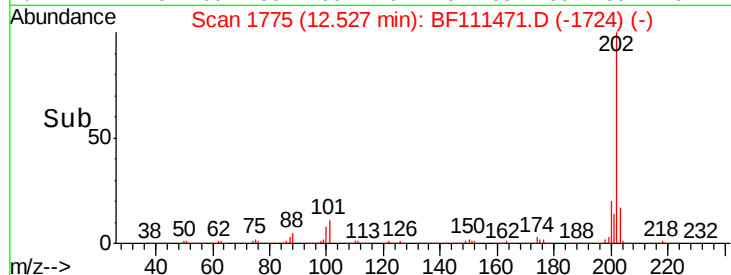
203 17.1 0.0 38.6



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: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

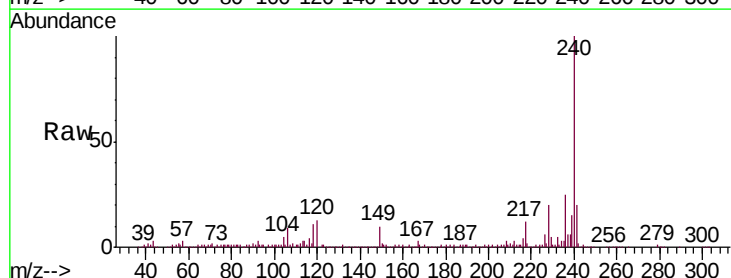
Tgt Ion:240 Resp: 289894

Ion Ratio Lower Upper

240 100

120 12.8 12.2 18.2

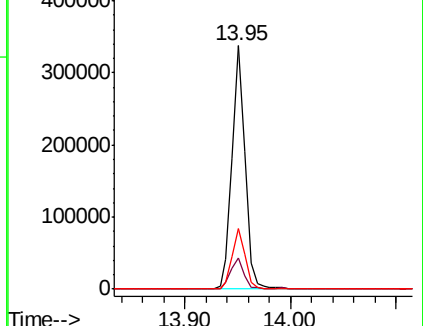
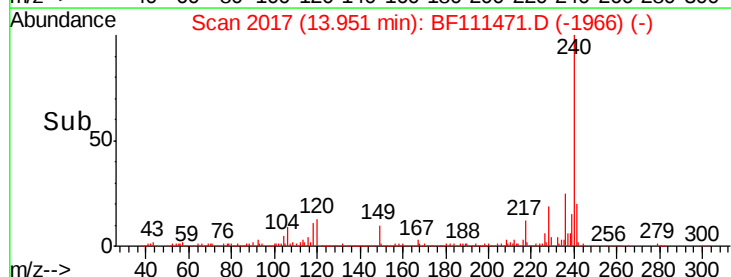
236 25.0 20.2 30.2

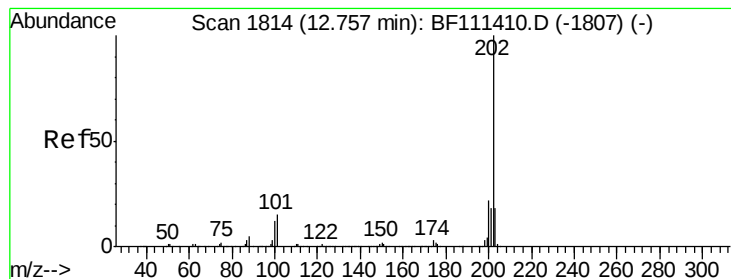


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 25.478 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

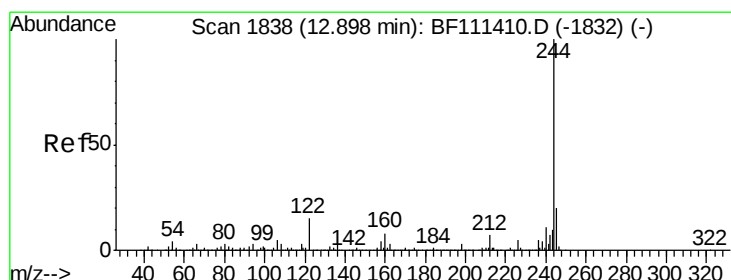
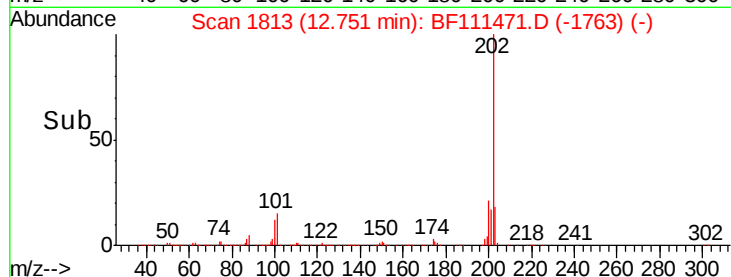
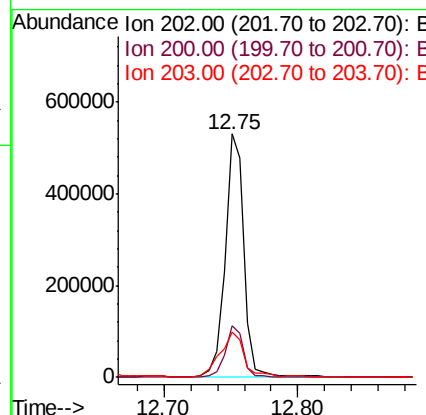
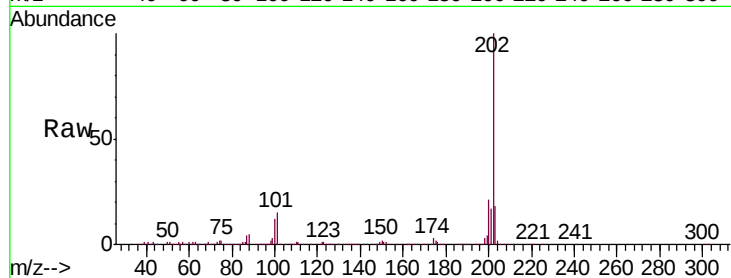
Instrument :

BNA_F

ClientSampleId :

AVE-X-B-BALL-FIELD-S-2

Tgt Ion:	202	Resp:	520737
Ion	Ratio	Lower	Upper
202	100		
200	21.0	19.0	28.4
203	18.5	15.2	22.8



#79

Terphenyl-d14

Concen: 62.982 ng

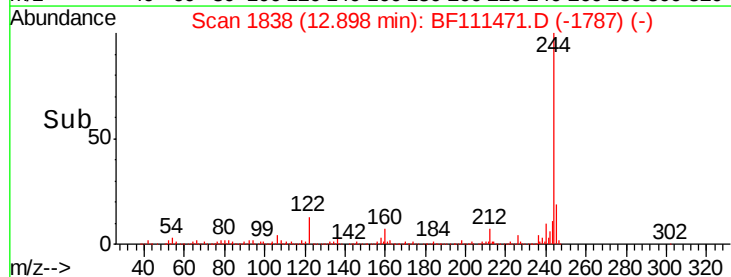
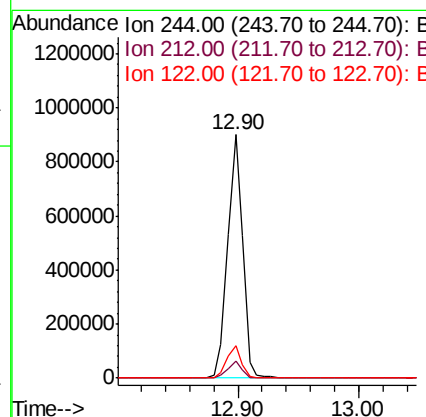
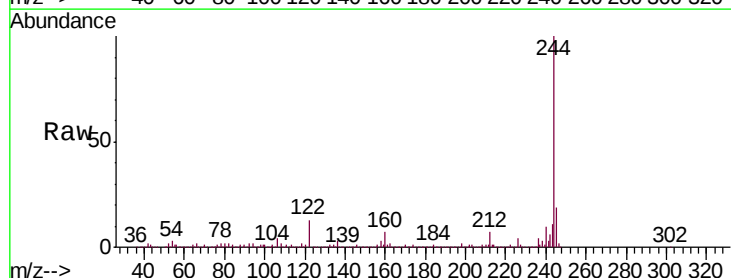
RT: 12.90 min Scan# 1838

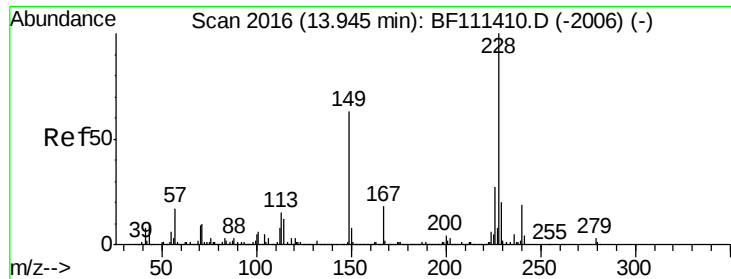
Delta R.T. 0.00 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

Tgt Ion:	244	Resp:	777530
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	13.1	13.1	19.7





#81

Benzo(a)anthracene

Concen: 17.669 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

Instrument :

BNA_F

ClientSampleId :

AVE-X-B-BALL-FIELD-S-2

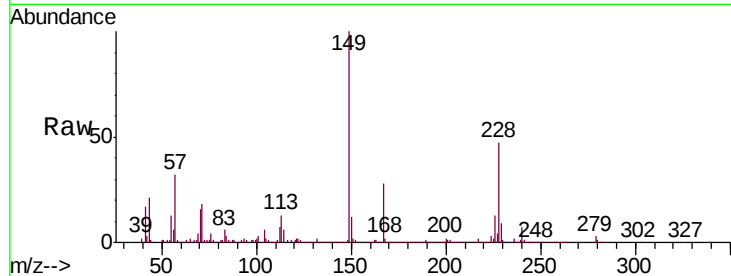
Tgt Ion:228 Resp: 278507

Ion Ratio Lower Upper

228 100

226 27.9 22.6 34.0

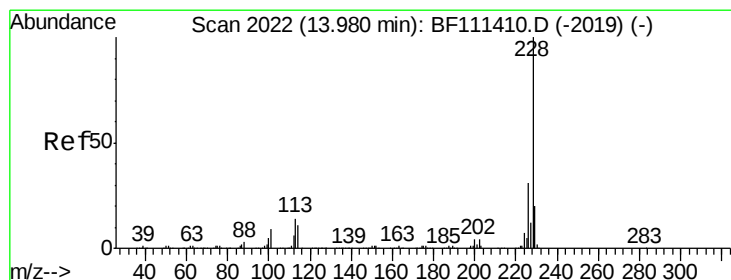
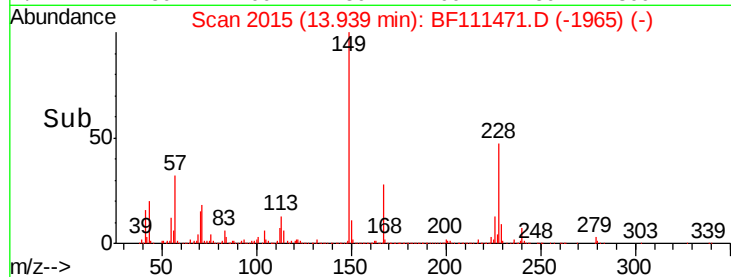
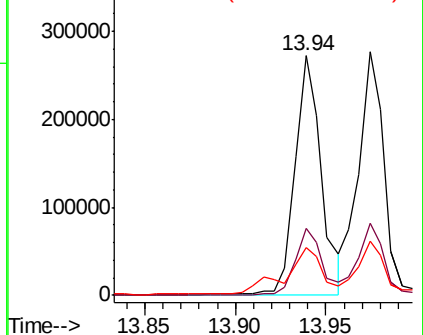
229 20.1 16.3 24.5



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



#83

Chrysene

Concen: 16.401 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

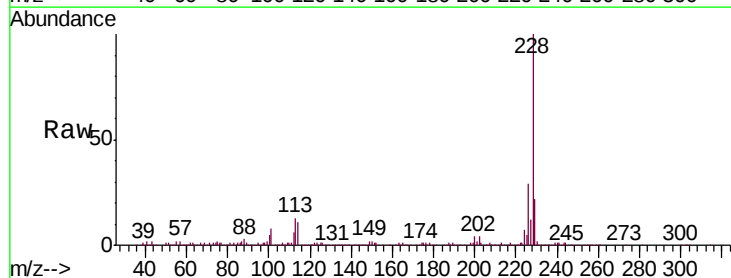
Tgt Ion:228 Resp: 272336

Ion Ratio Lower Upper

228 100

226 29.4 25.3 37.9

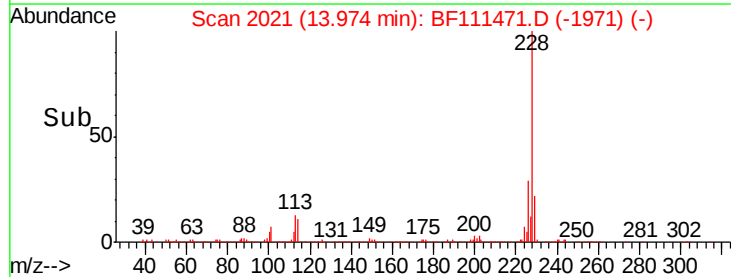
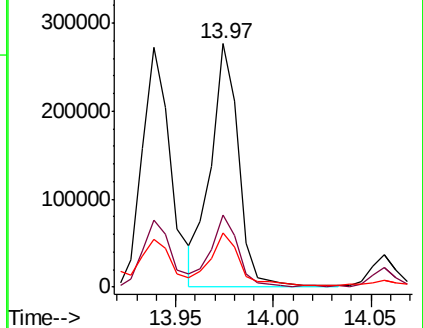
229 22.1 17.2 25.8

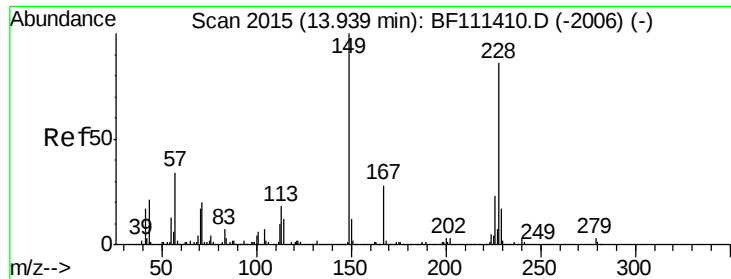


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 37.932 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

Instrument :

BNA_F

ClientSampleId :

AVE-X-B-BALL-FIELD-S-2

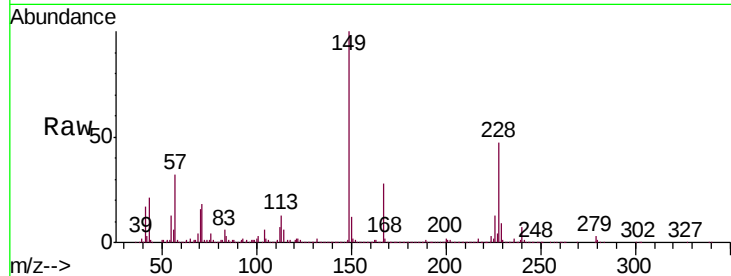
Tgt Ion:149 Resp: 482661

Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

279 3.3 2.6 4.0

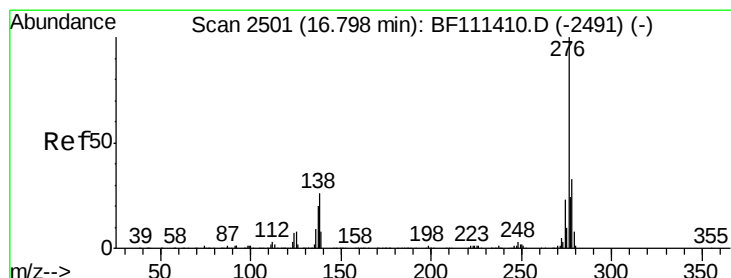
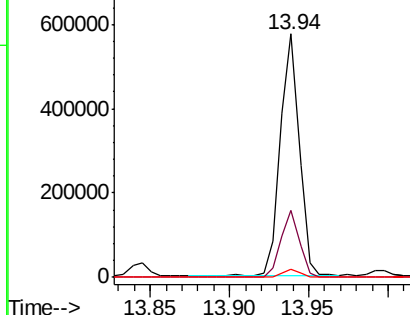
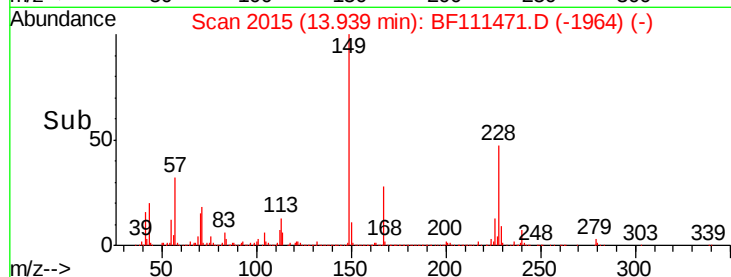


Abundance

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 8.647 ng

RT: 16.80 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

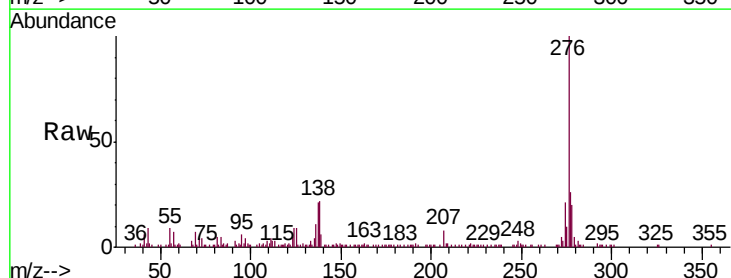
Tgt Ion:276 Resp: 103630

Ion Ratio Lower Upper

276 100

138 25.7 27.8 41.6#

277 25.0 20.1 30.1

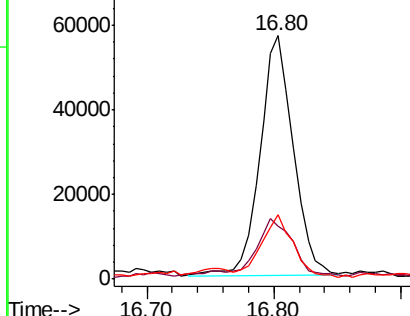
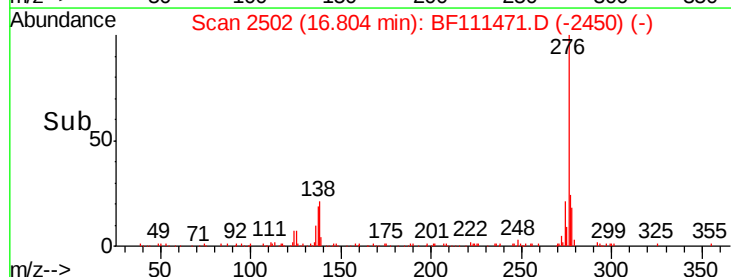


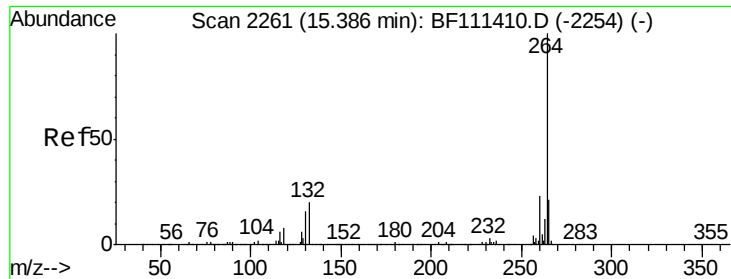
Abundance

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

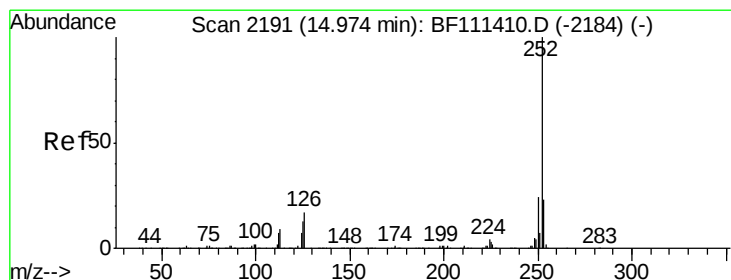
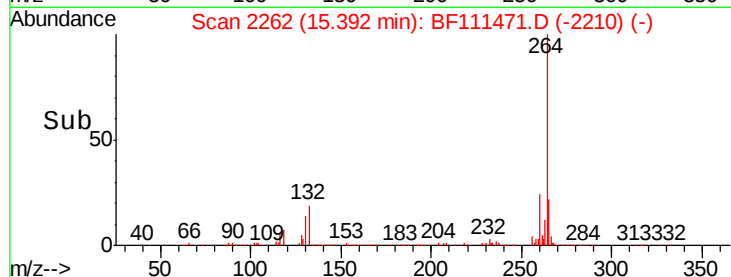
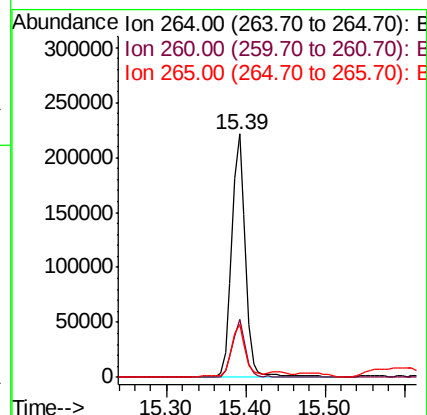
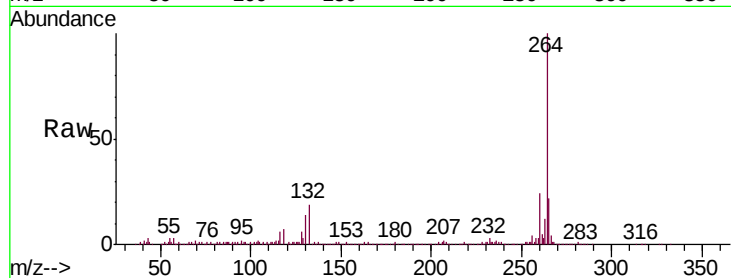




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111471.D
Acq: 15 Dec 2018 16:26

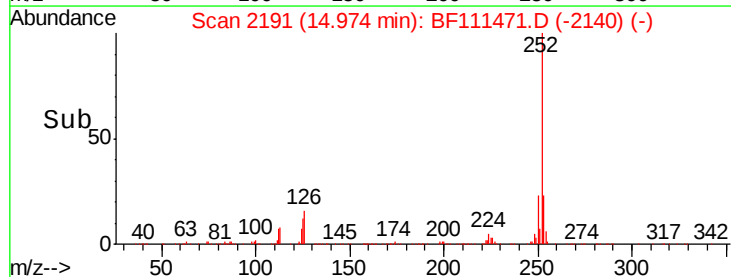
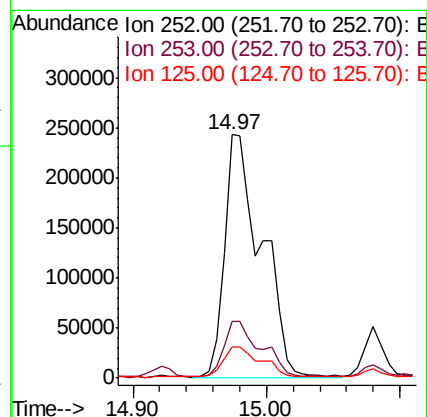
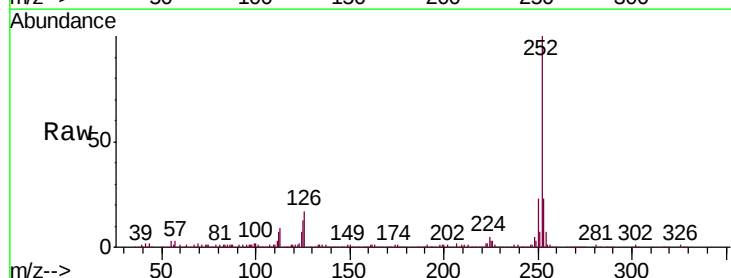
Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-2

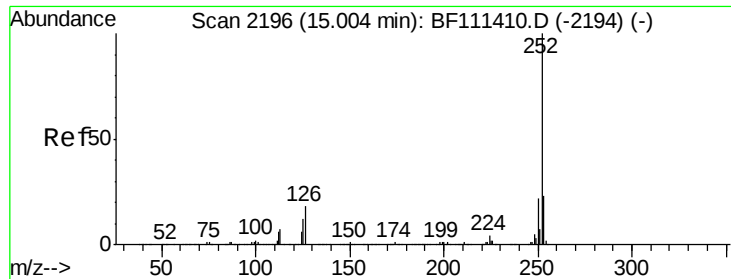
Tgt Ion:264 Resp: 267651
Ion Ratio Lower Upper
264 100
260 24.0 18.3 27.5
265 22.0 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 29.920 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111471.D
Acq: 15 Dec 2018 16:26

Tgt Ion:252 Resp: 466890
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 12.8 10.4 15.6

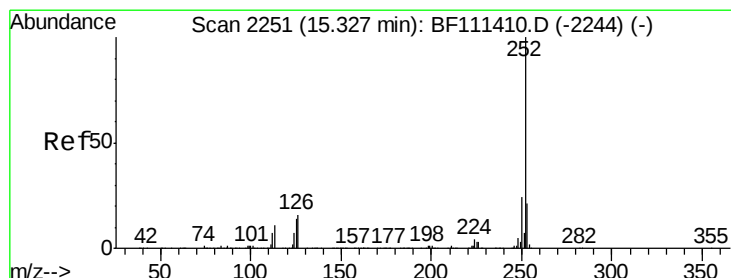
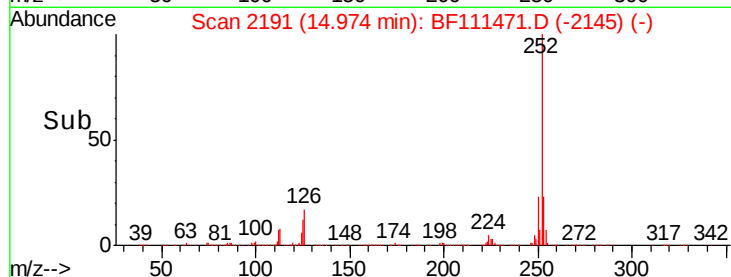
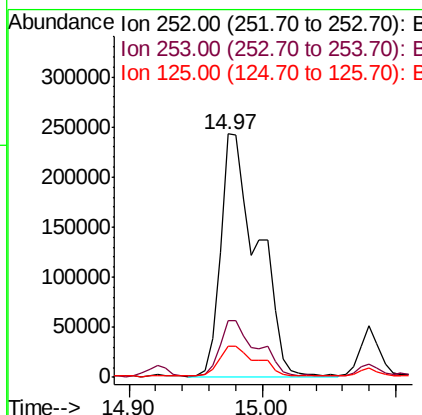
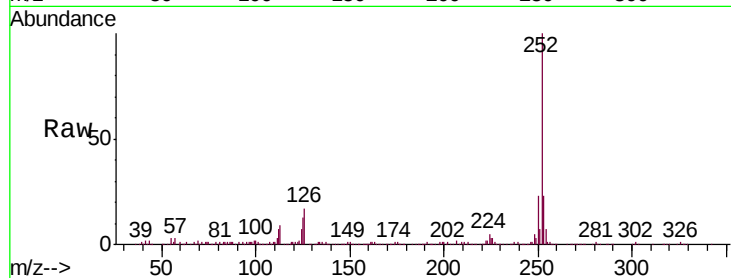




#89
Benzo(k)fluoranthene
Concen: 31.313 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.03 min
Lab File: BF111471.D
Acq: 15 Dec 2018 16:26

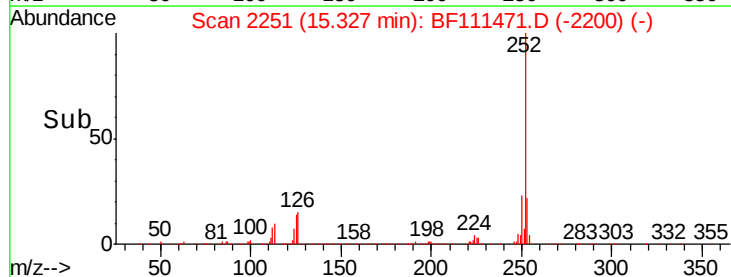
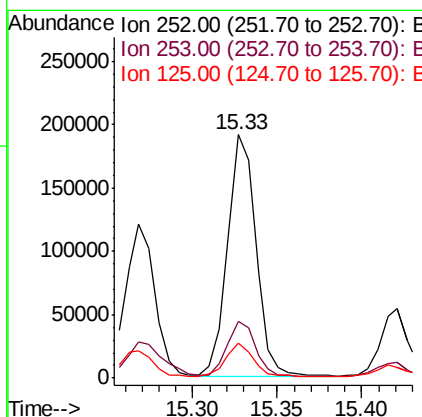
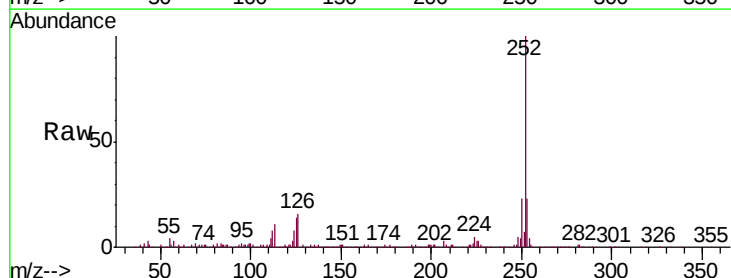
Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-2

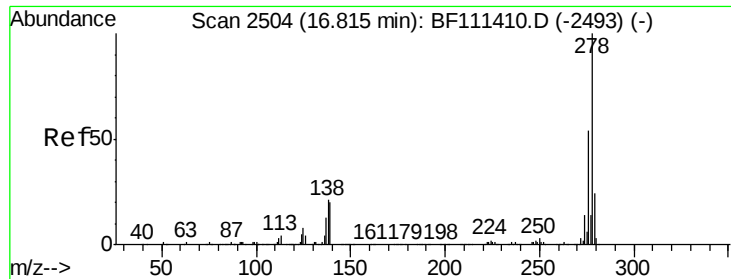
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	12.8	9.8	14.8



#90
Benzo(a)pyrene
Concen: 16.006 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111471.D
Acq: 15 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	14.5	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 2.070 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.16 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

Instrument :

BNA_F

ClientSampleId :

AVE-X-B-BALL-FIELD-S-2

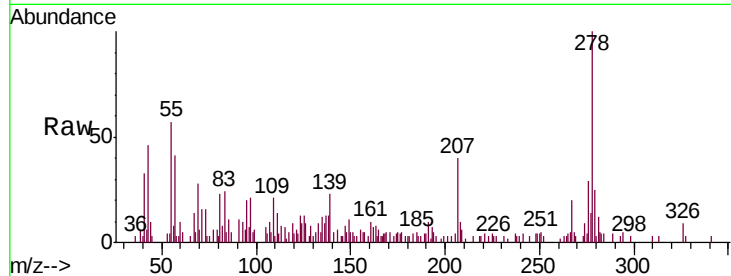
Tgt Ion:278 Resp: 22972

Ion Ratio Lower Upper

278 100

139 23.1 18.2 27.4

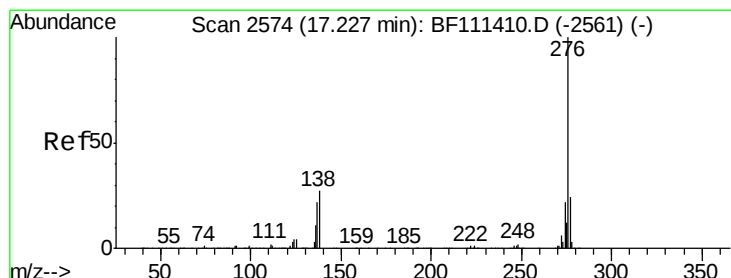
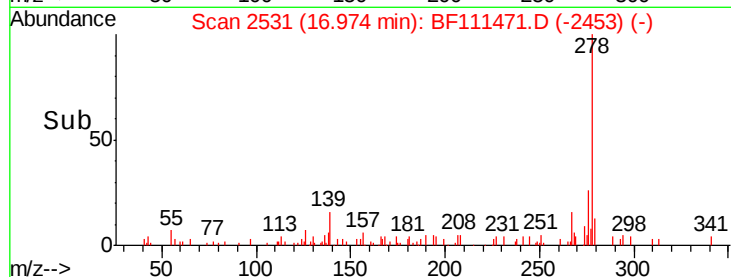
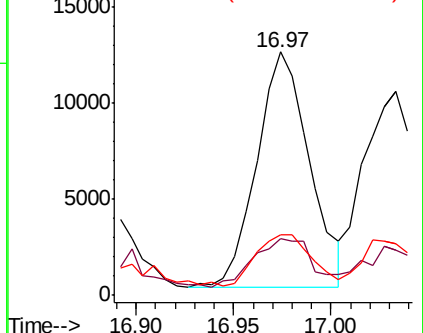
279 25.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 8.859 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BF111471.D

Acq: 15 Dec 2018 16:26

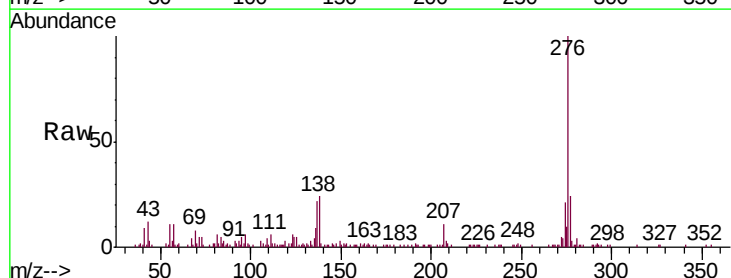
Tgt Ion:276 Resp: 96522

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 24.5 24.9 37.3#



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

