

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114550.D
 Acq On : 24 May 2019 3:19
 Operator : JU/SJ
 Sample : K2951-09DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SDL

Quant Time: May 24 07:22:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	127830	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	521627	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	273019	20.00	ng	-0.03
64) Phenanthrene-d10	11.33	188	580200	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	369928	20.00	ng	-0.02
87) Perylene-d12	15.44	264	389535	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	39108	4.92	ng	-0.02
7) Phenol-d6	6.47	99	56100	5.97	ng	-0.02
23) Nitrobenzene-d5	7.38	82	31279	3.37	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	15011	5.32	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	59612	3.30	ng	-0.02
79) Terphenyl-d14	12.92	244	70248	3.91	ng	-0.02

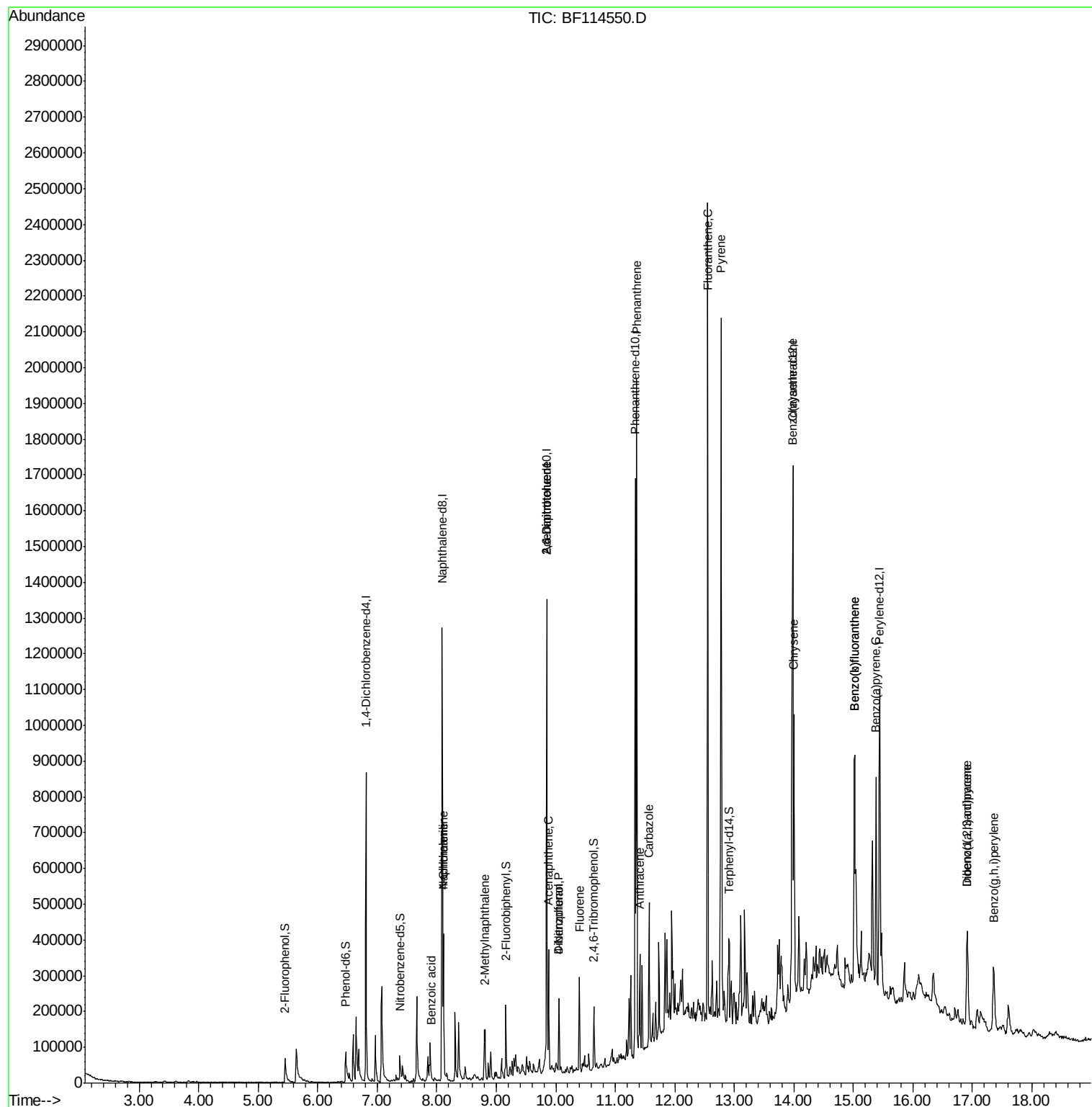
Target Compounds				Qvalue		
31) Naphthalene	8.12	128	184171	7.559	ng	96
32) Benzoic acid	7.91	122	572	7.116	ng	# 67
33) 4-Chloroaniline	8.12	127	23526	2.119	ng	# 33
37) 2-Methylnaphthalene	8.81	142	31897	2.029	ng	# 90
51) 2,6-Dinitrotoluene	9.85	165	35301	7.941	ng	# 24
52) Acenaphthene	9.88	154	65018	3.925	ng	98
55) Dibenzofuran	10.06	168	82279	3.387	ng	93
56) 4-Nitrophenol	10.05	139	29408	7.536	ng	# 9
57) 2,4-Dinitrotoluene	9.85	165	35301	5.851	ng	# 27
58) Fluorene	10.40	166	72926	3.886	ng	99
71) Phenanthrene	11.36	178	733685	25.992	ng	96
72) Anthracene	11.41	178	111880	3.946	ng	97
73) Carbazole	11.57	167	80352	2.972	ng	97
75) Fluoranthene	12.55	202	946677	31.143	ng	98
78) Pyrene	12.78	202	820271	27.564	ng	98
81) Benzo(a)anthracene	13.97	228	348801	14.578	ng	99
83) Chrysene	14.00	228	294792	12.568	ng	98
86) Indeno(1,2,3-cd)pyrene	16.91	276	157896	7.617	ng	95
88) Benzo(b)fluoranthene	15.02	252	500554	20.058	ng	98
89) Benzo(k)fluoranthene	15.02	252	500554	21.835	ng	99
90) Benzo(a)pyrene	15.38	252	291348	13.265	ng	100
91) Dibenzo(a,h)anthracene	16.91	278	37243	2.041	ng	# 94
92) Benzo(g,h,i)perylene	17.36	276	149775	8.189	ng	97

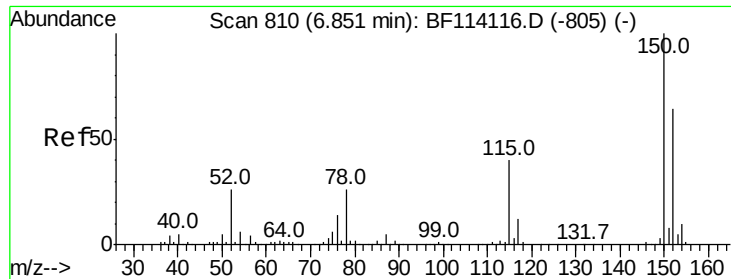
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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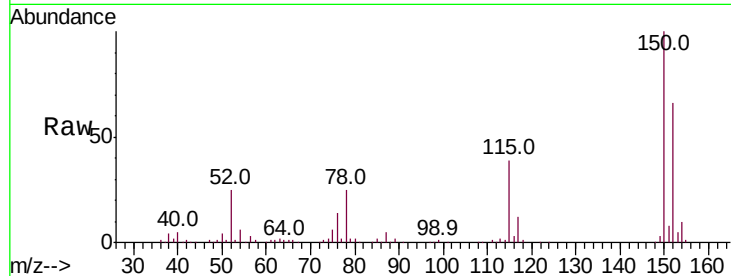


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114550.D
Acq: 24 May 2019 3:19

Instrument :
BNA_F
ClientSampleId :
TP-14-SDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.3	186.5
115	59.0	49.1	73.7

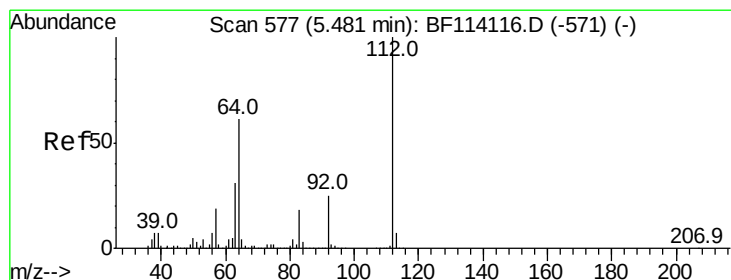
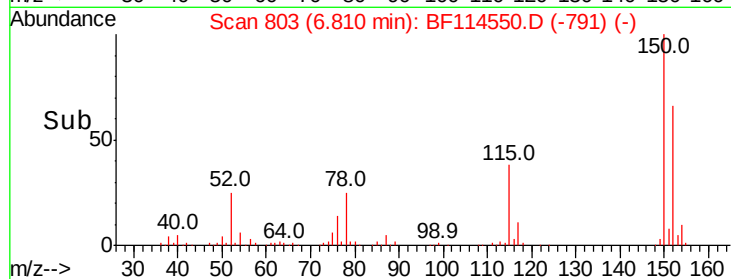
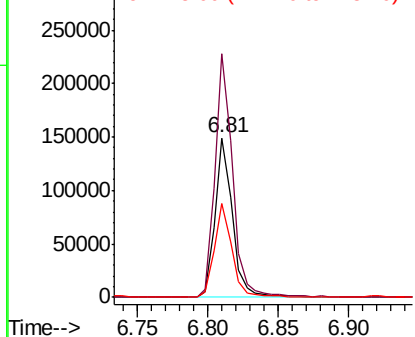


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

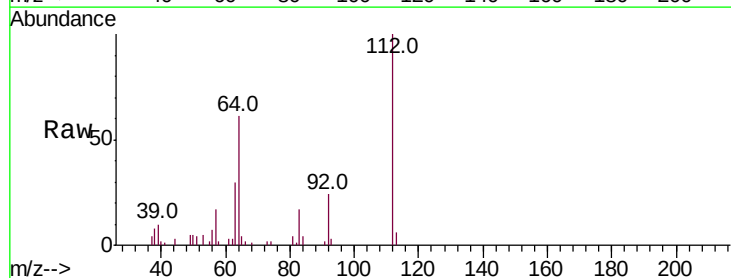
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 4.923 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF114550.D
Acq: 24 May 2019 3:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	49.0	73.6
63	30.1	24.6	37.0

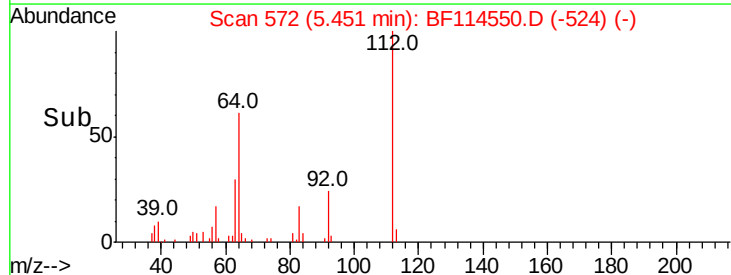
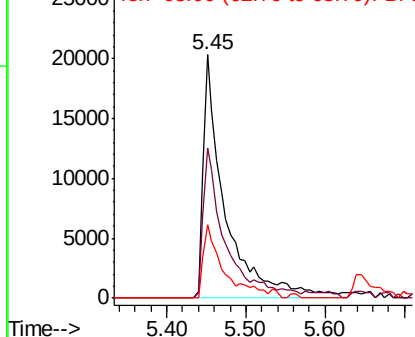


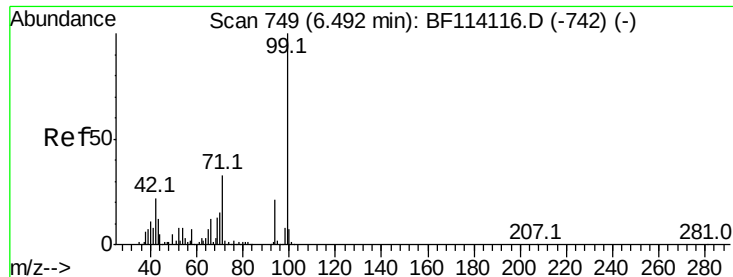
Abundance

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: 5.971 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

Instrument :

BNA_F

ClientSampleId :

TP-14-SDL

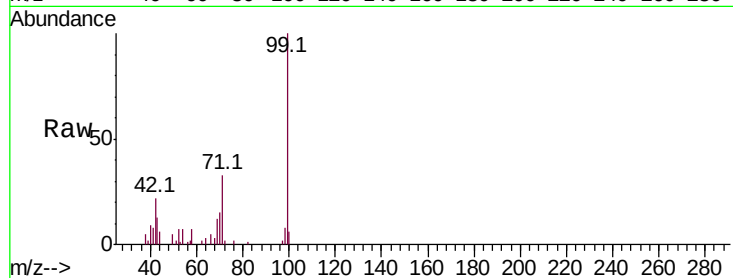
Tot Ion: 99 Resp: 56100

Ion Ratio Lower Upper

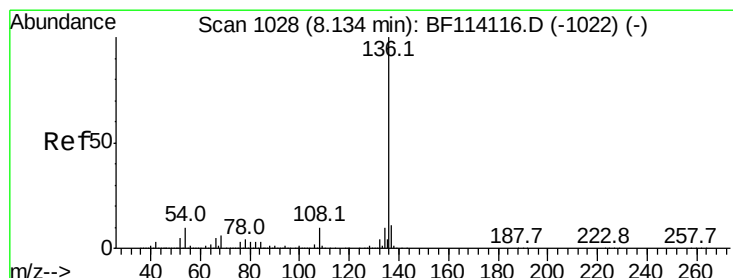
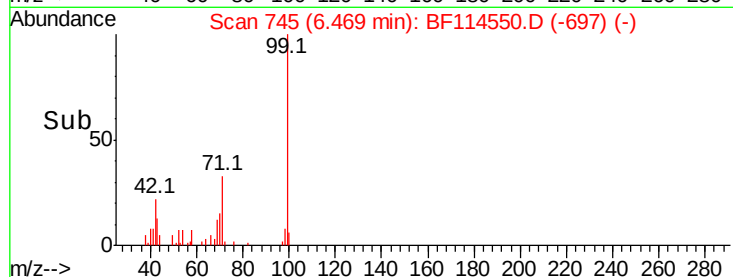
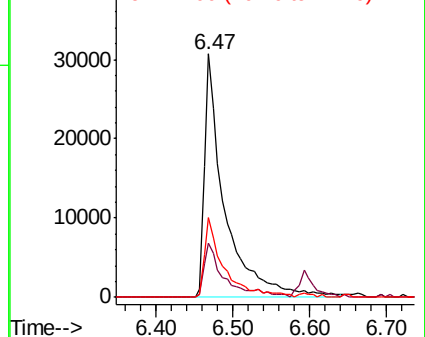
99 100

42 22.1 17.9 26.9

71 32.5 26.2 39.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.03 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

Tgt Ion: 136 Resp: 521627

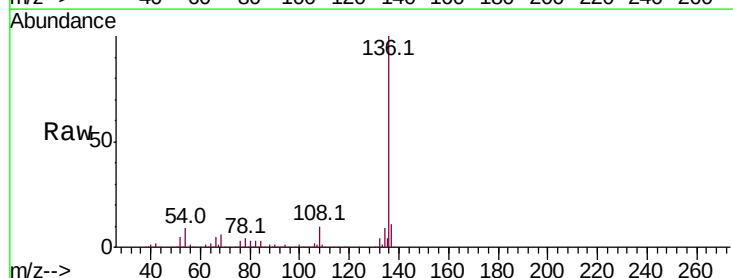
Ion Ratio Lower Upper

136 100

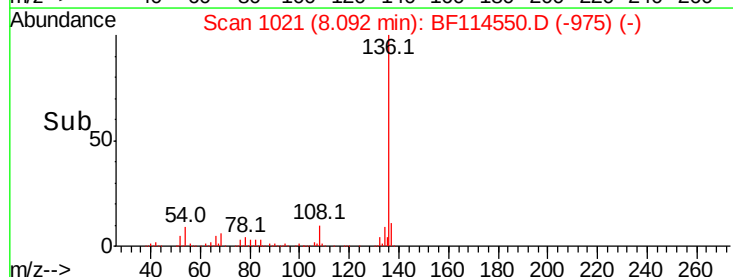
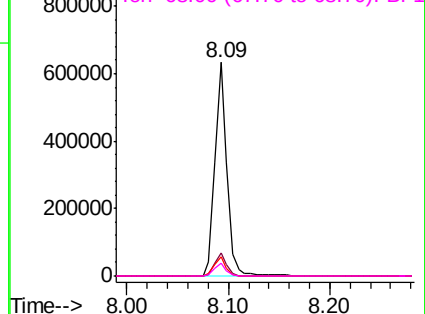
137 10.9 8.8 13.2

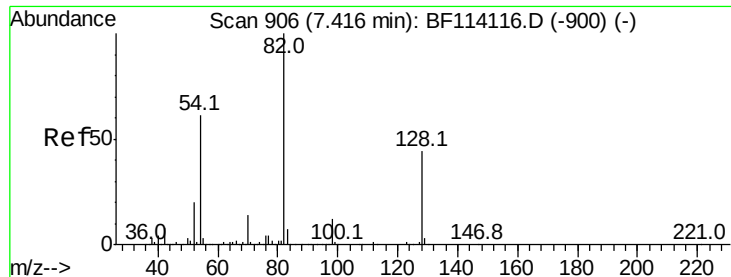
54 9.0 7.8 11.8

68 5.7 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

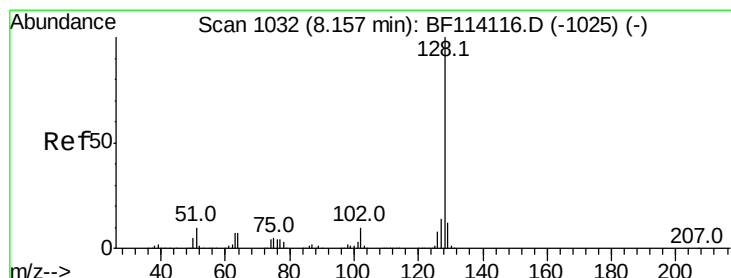
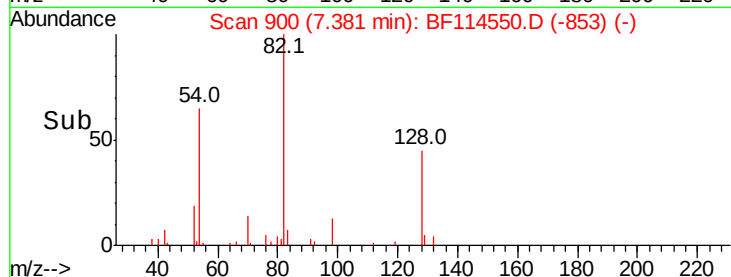
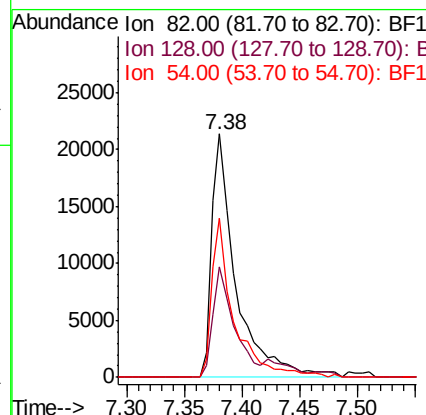
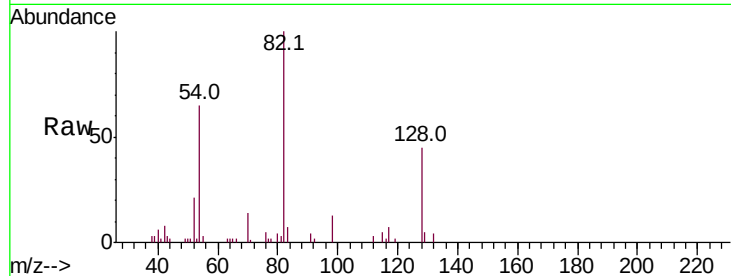




#23
 Nitrobenzene-d5
 Concen: 3.365 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF114550.D
 Acq: 24 May 2019 3:19

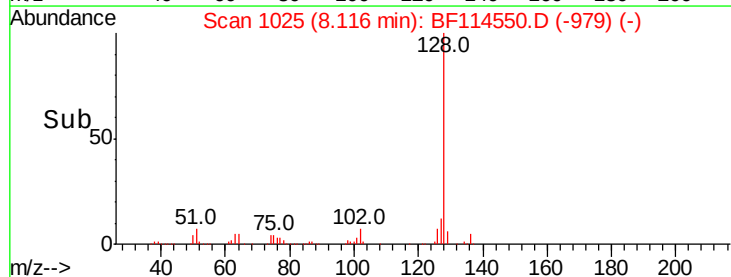
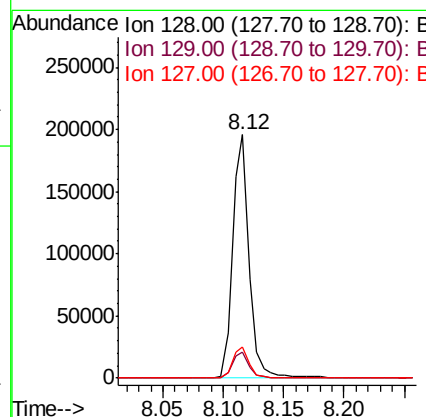
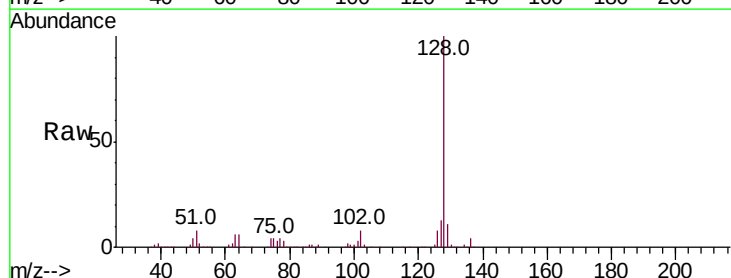
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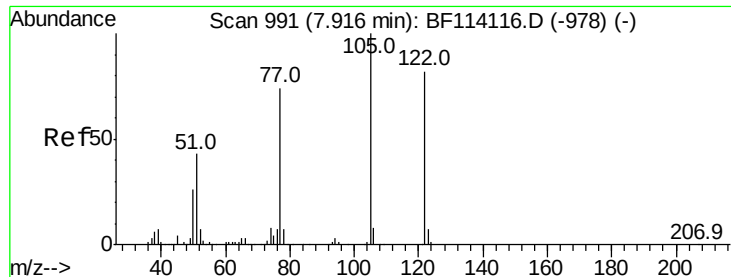
Tot Ion: 82 Resp: 31279
 Ion Ratio Lower Upper
 82 100
 128 45.4 35.5 53.3
 54 65.2 48.5 72.7



#31
 Naphthalene
 Concen: 7.559 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF114550.D
 Acq: 24 May 2019 3:19

Tgt Ion: 128 Resp: 184171
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.6 14.4
 127 12.5 11.3 16.9

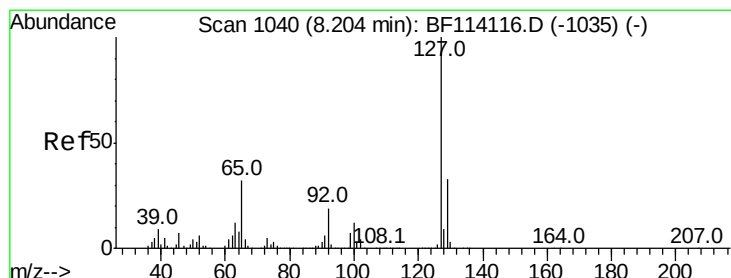
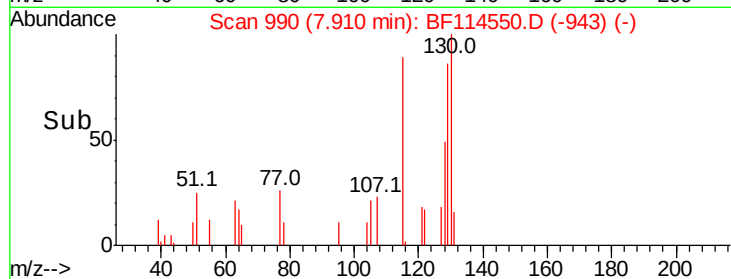
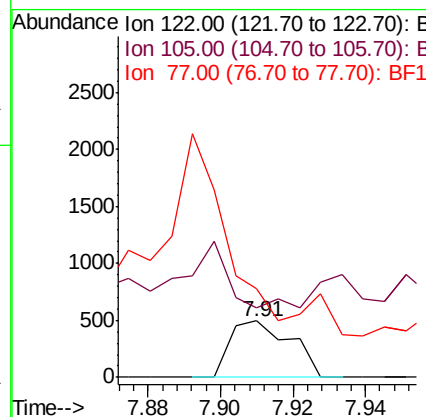
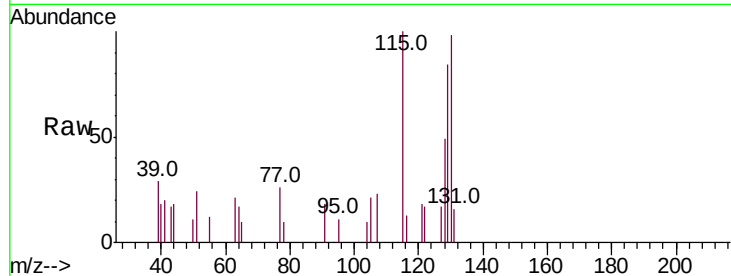




#32
Benzoic acid
Concen: 7.116 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF114550.D
Acq: 24 May 2019 3:19

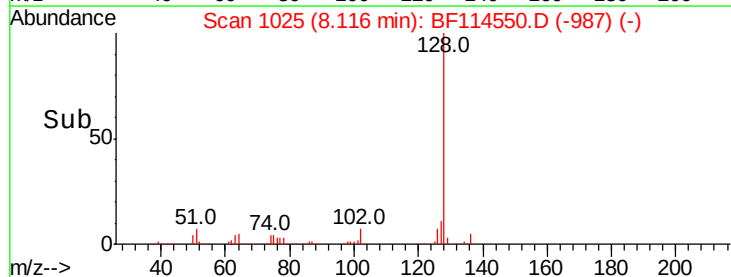
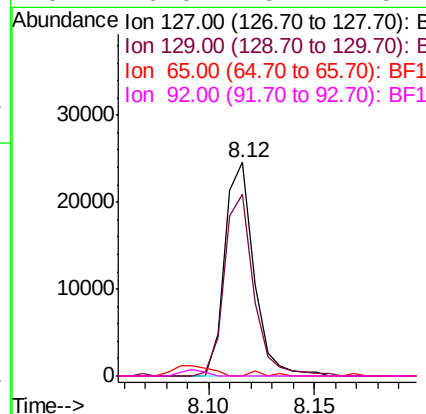
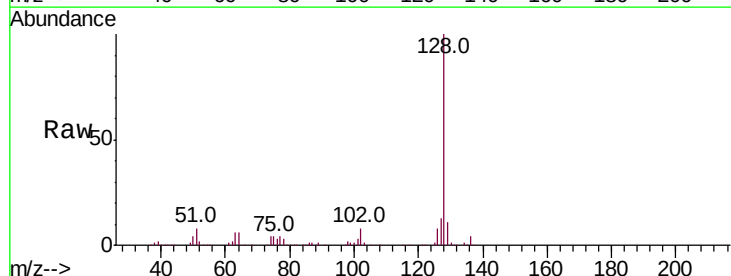
Instrument :
BNA_F
ClientSampleId :
TP-14-SDL

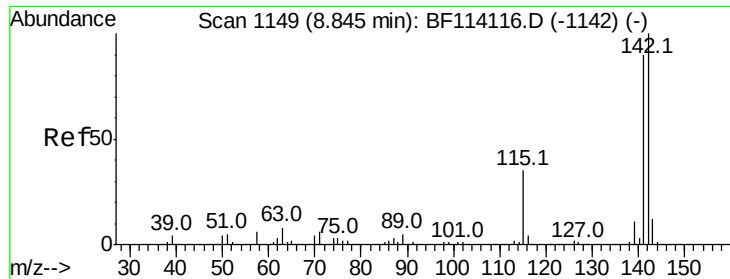
Tot Ion:122 Resp: 572
Ion Ratio Lower Upper
122 100
105 124.0 99.9 139.9
77 157.0 69.4 109.4#



#33
4-Chloroaniline
Concen: 2.119 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.08 min
Lab File: BF114550.D
Acq: 24 May 2019 3:19

Tgt Ion:127 Resp: 23526
Ion Ratio Lower Upper
127 100
129 85.3 26.7 40.1#
65 0.0 25.4 38.0#
92 0.0 15.4 23.2#

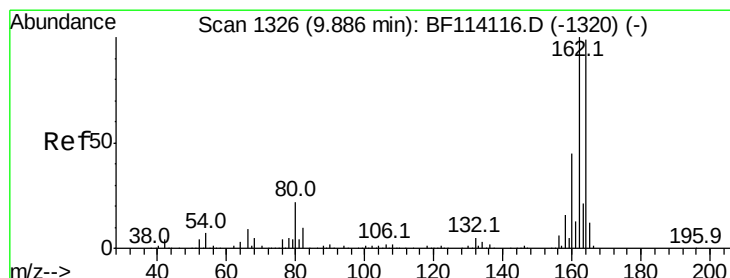
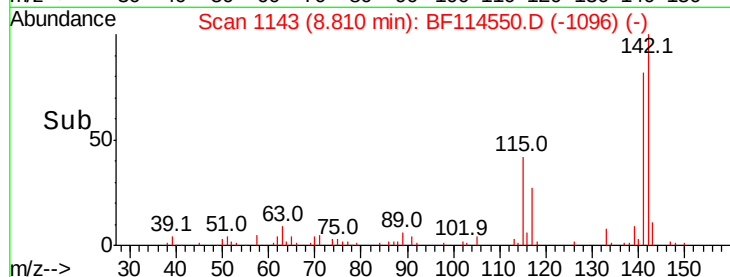
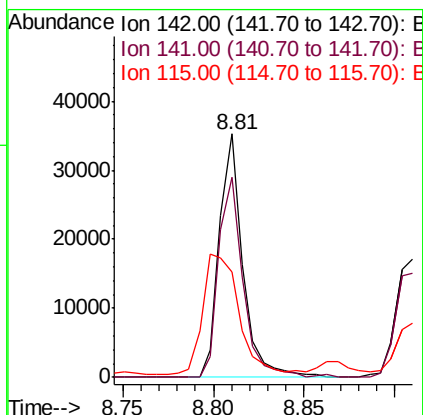
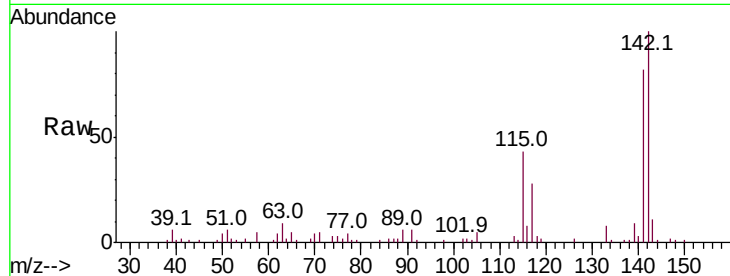




#37
2-Methylnaphthalene
Concen: 2.029 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF114550.D
Acq: 24 May 2019 3:19

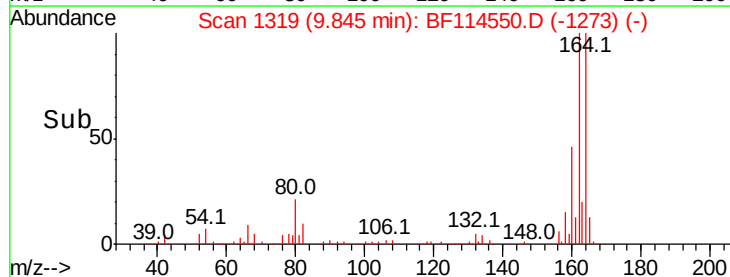
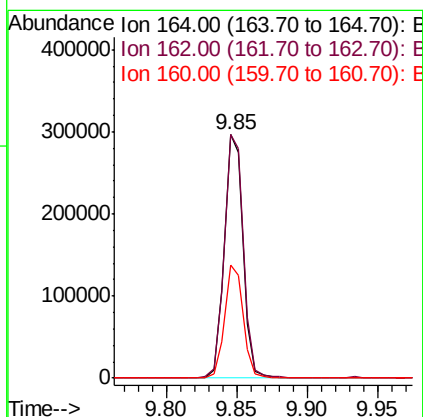
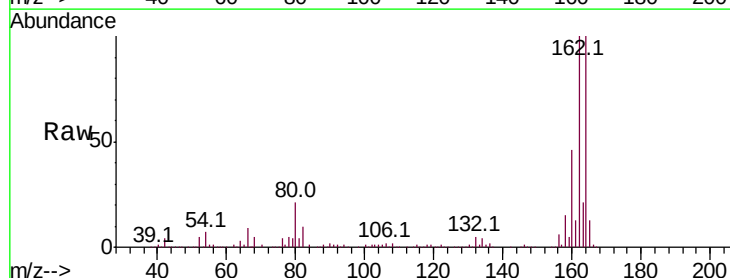
Instrument :
BNA_F
ClientSampleId :
TP-14-SDL

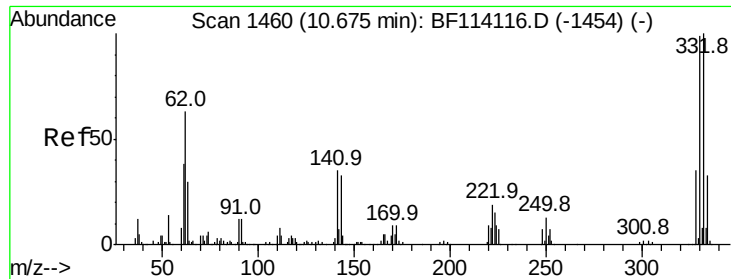
Tot Ion:142 Resp: 31897
Ion Ratio Lower Upper
142 100
141 82.2 72.1 108.1
115 43.4 28.0 42.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.03 min
Lab File: BF114550.D
Acq: 24 May 2019 3:19

Tgt Ion:164 Resp: 273019
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 46.4 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 5.318 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.02 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

Instrument :

BNA_F

ClientSampleId :

TP-14-SDL

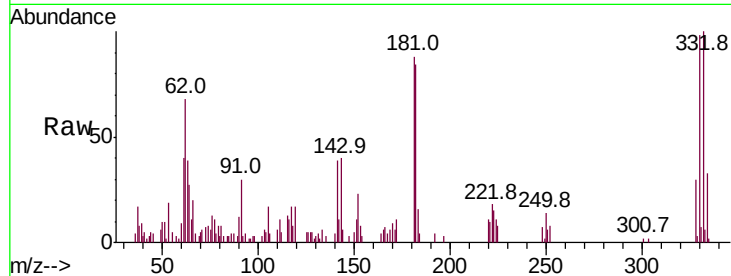
Tot Ion:330 Resp: 15011

Ion Ratio Lower Upper

330 100

332 103.1 81.4 122.2

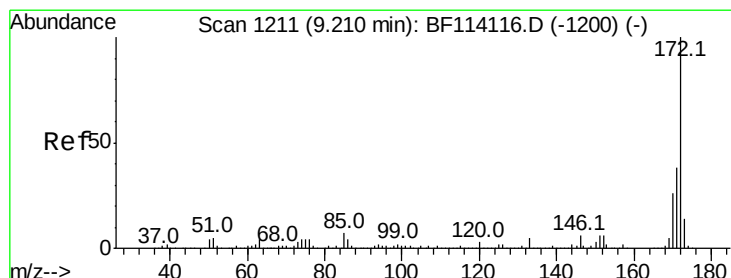
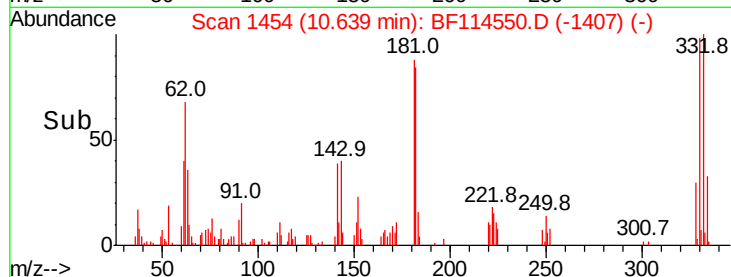
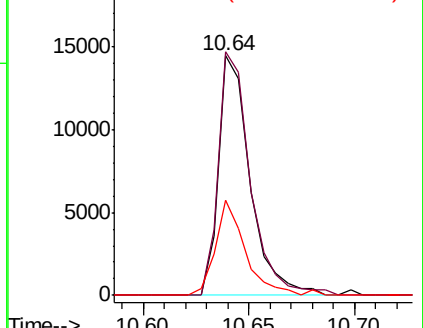
141 38.3 26.6 40.0



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: 3.303 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

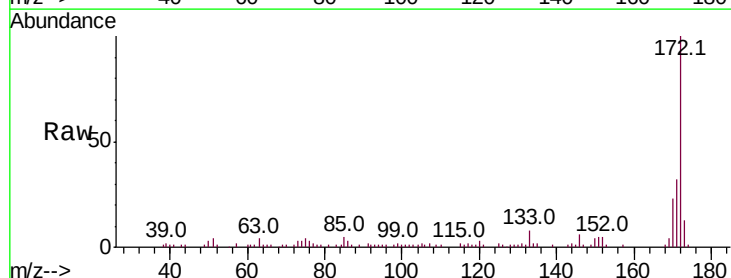
Tgt Ion:172 Resp: 59612

Ion Ratio Lower Upper

172 100

171 32.0 30.7 46.1

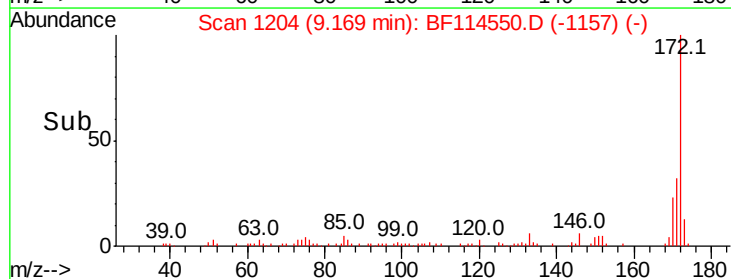
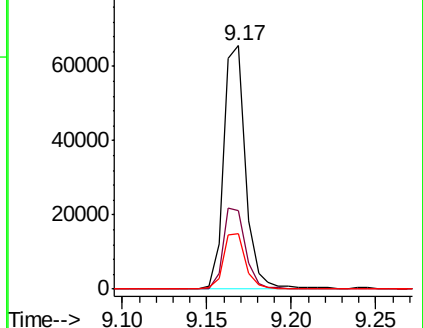
170 22.8 20.5 30.7

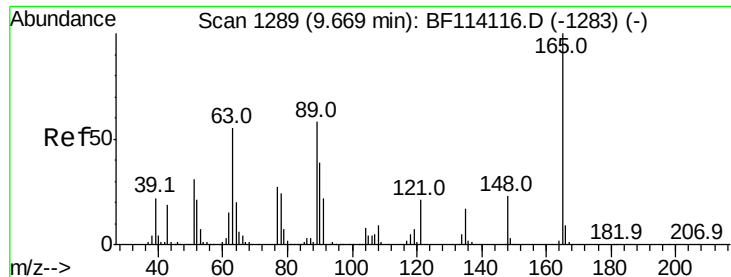


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.941 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.18 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

Instrument :

BNA_F

ClientSampleId :

TP-14-SDL

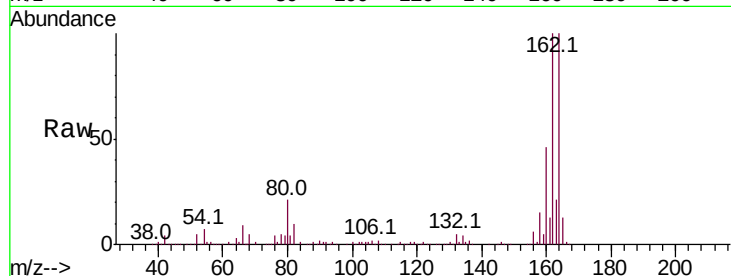
Tot Ion:165 Resp: 35301

Ion Ratio Lower Upper

165 100

63 2.9 50.2 75.4#

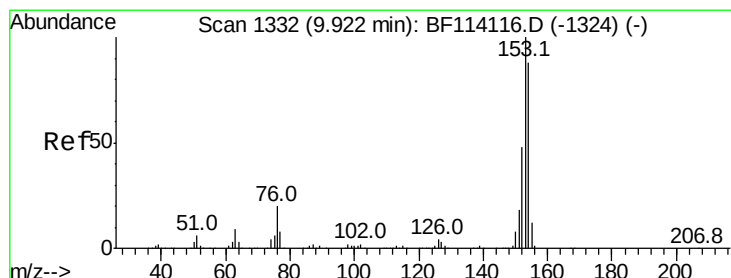
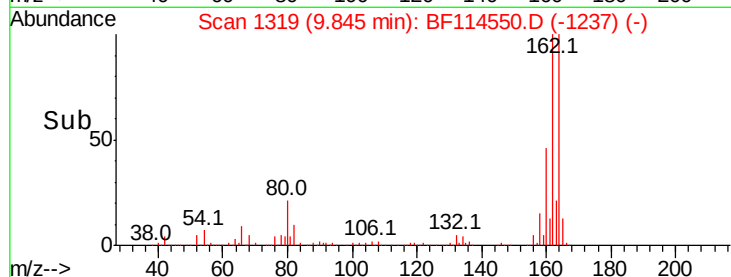
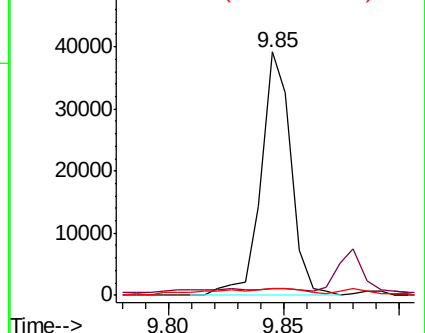
89 2.7 46.6 69.8#



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: 3.925 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.03 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

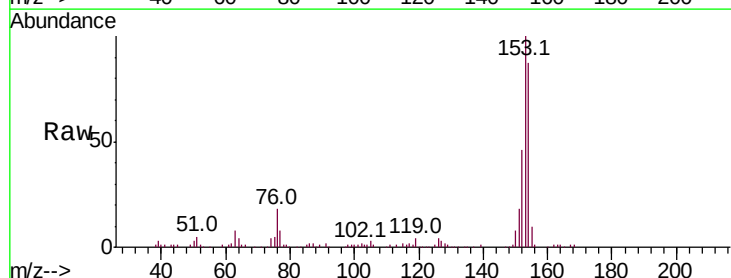
Tgt Ion:154 Resp: 65018

Ion Ratio Lower Upper

154 100

153 114.8 90.5 135.7

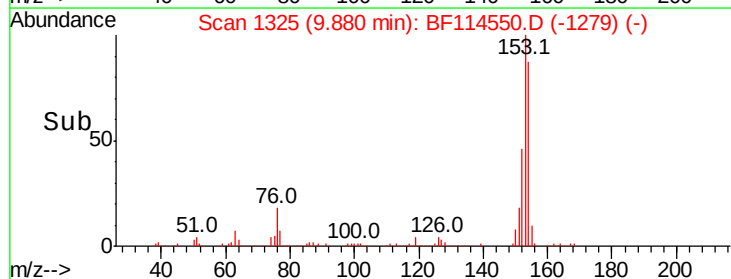
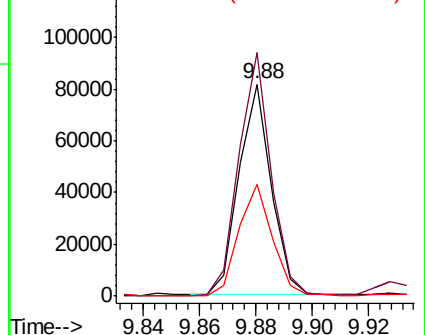
152 52.4 43.4 65.2

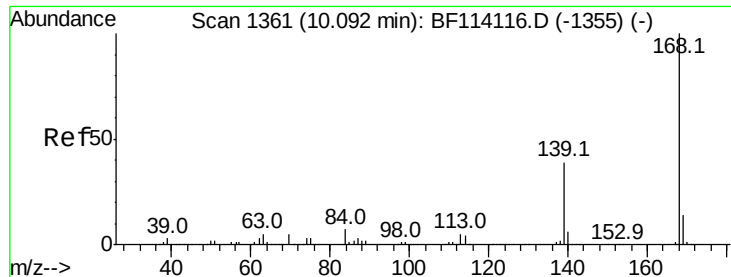


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

Dibenzofuran

Concen: 3.387 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.02 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

Instrument :

BNA_F

ClientSampleId :

TP-14-SDL

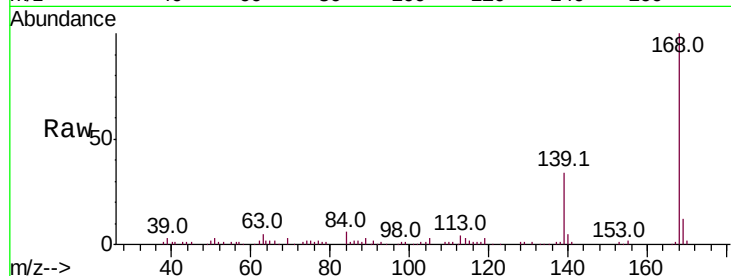
Tot Ion:168 Resp: 82279

Ion Ratio Lower Upper

168 100

139 34.0 31.1 46.7

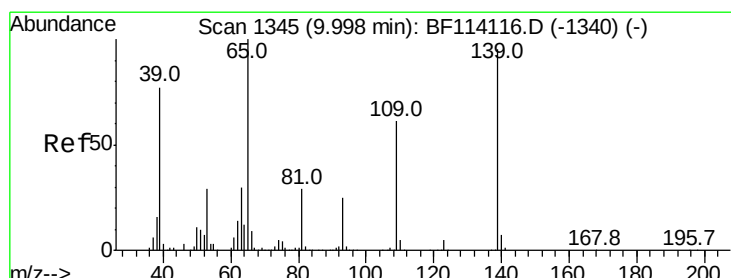
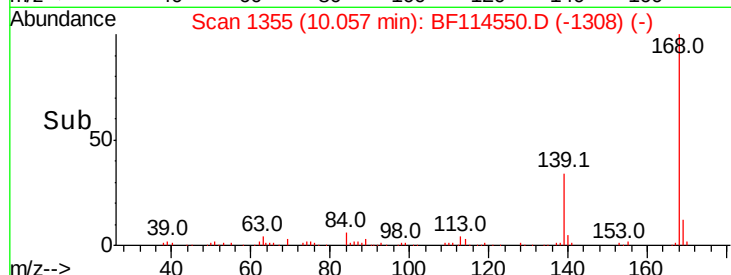
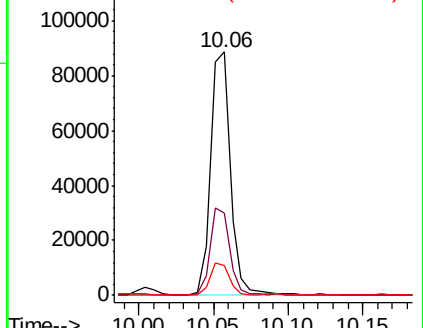
169 12.2 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 7.536 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.04 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

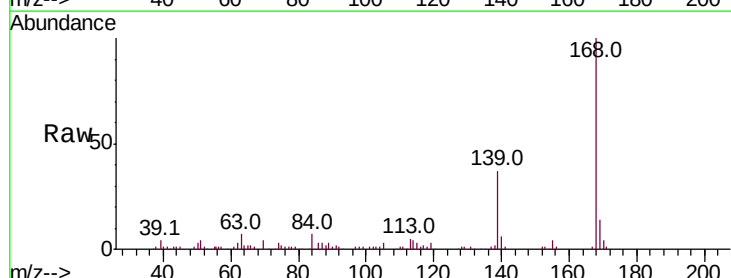
Tgt Ion:139 Resp: 29408

Ion Ratio Lower Upper

139 100

109 1.2 43.9 83.9#

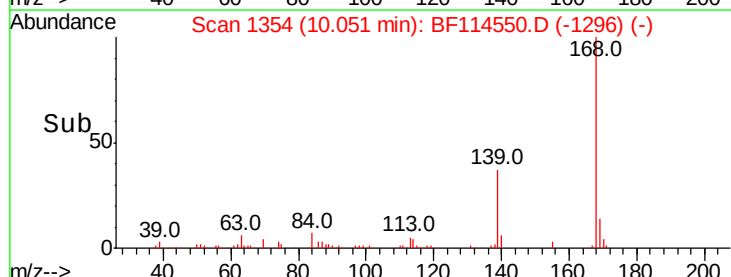
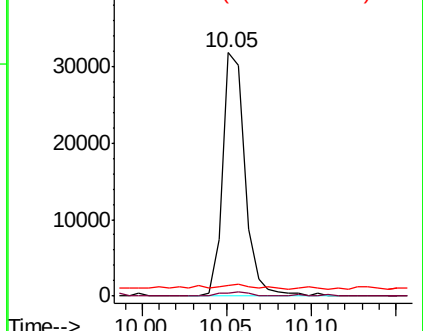
65 4.3 85.7 125.7#

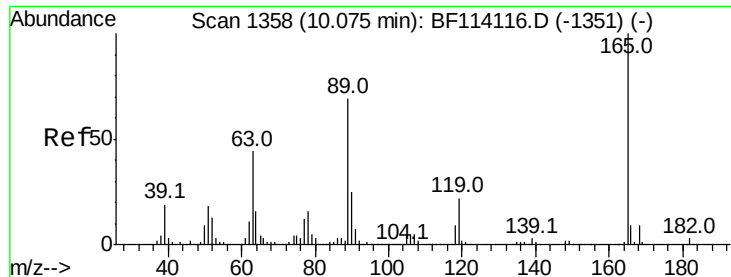


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

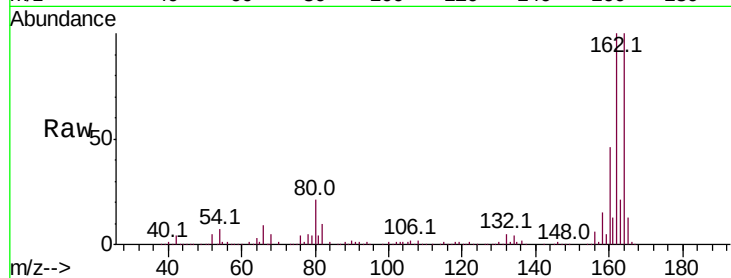




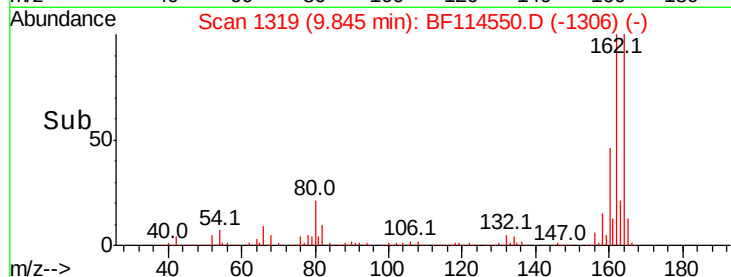
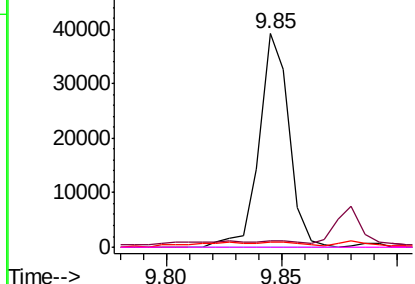
#57
 2,4-Dinitrotoluene
 Concen: 5.851 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.22 min
 Lab File: BF114550.D
 Acq: 24 May 2019 3:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SDL

Tot Ion:	165	Resp:	35301
Ion	Ratio	Lower	Upper
165	100		
63	2.9	35.5	53.3#
89	2.7	55.2	82.8#
182	0.0	2.2	3.2#

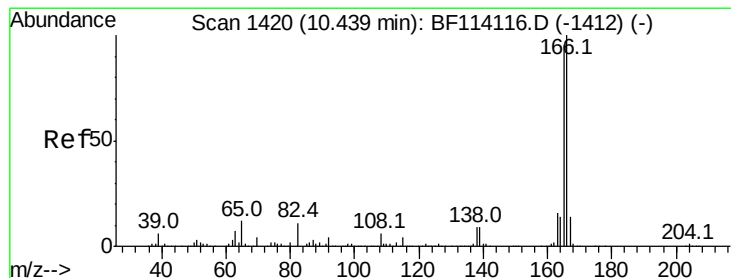


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

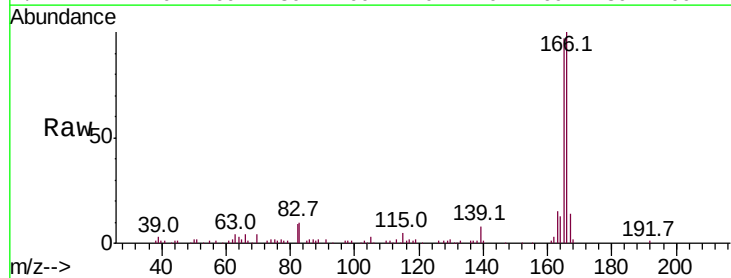
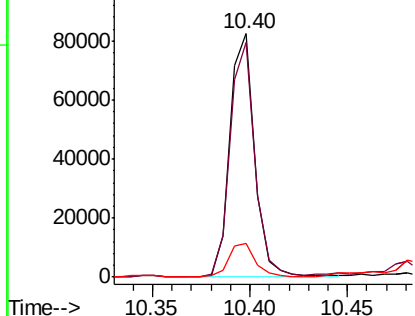


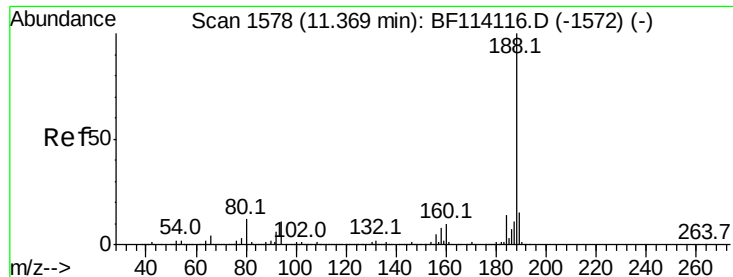
#58
 Fluorene
 Concen: 3.886 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.02 min
 Lab File: BF114550.D
 Acq: 24 May 2019 3:19

Tgt Ion:	166	Resp:	72926
Ion	Ratio	Lower	Upper
166	100		
165	96.6	76.1	114.1
167	13.9	11.1	16.7



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

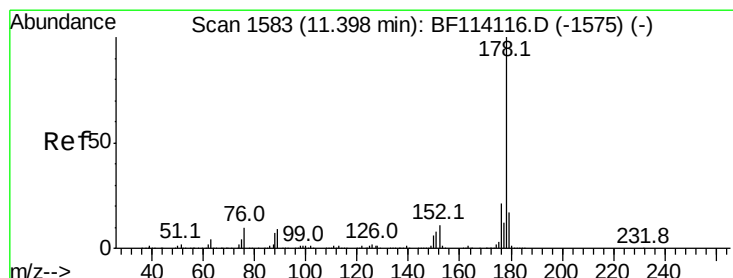
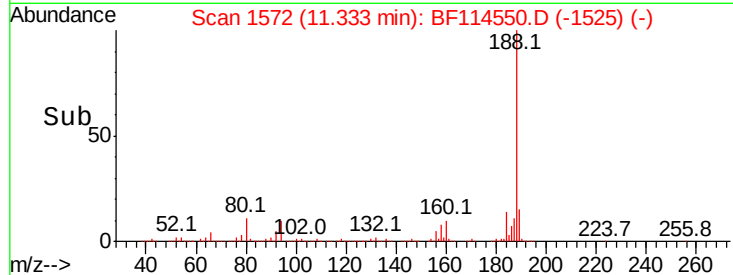
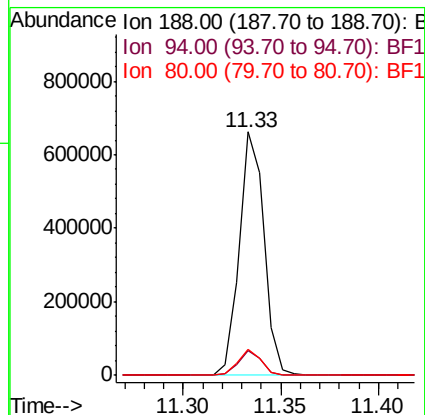
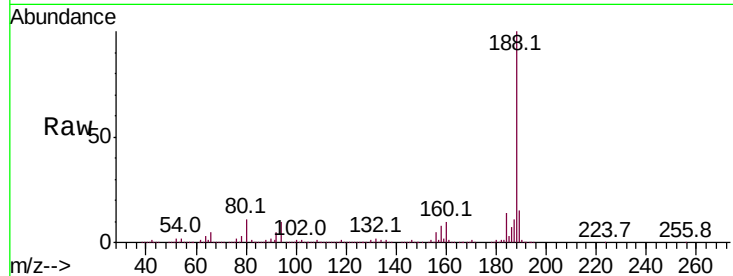




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF114550.D
Acq: 24 May 2019 3:19

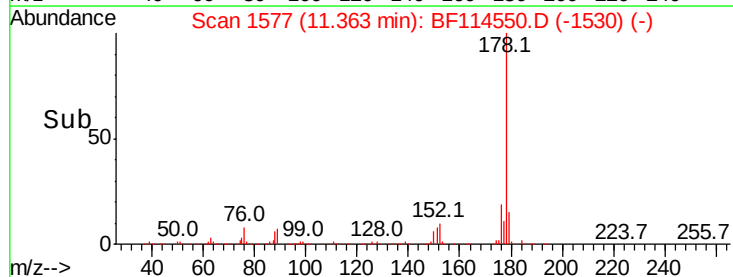
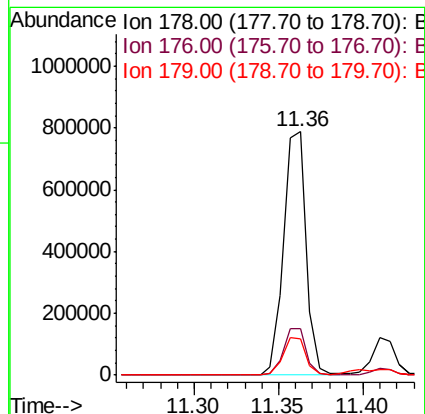
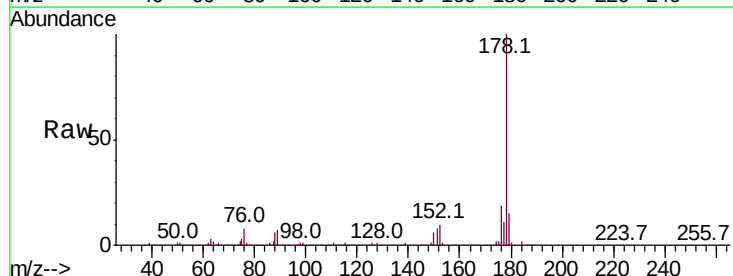
Instrument :
BNA_F
ClientSampleId :
TP-14-SDL

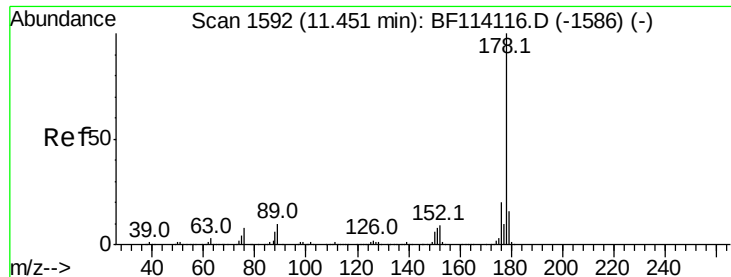
Tot Ion:188 Resp: 580200
Ion Ratio Lower Upper
188 100
94 10.1 8.4 12.6
80 10.8 9.2 13.8



#71
Phenanthrene
Concen: 25.992 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF114550.D
Acq: 24 May 2019 3:19

Tgt Ion:178 Resp: 733685
Ion Ratio Lower Upper
178 100
176 18.9 16.4 24.6
179 15.0 13.2 19.8





#72

Anthracene

Concen: 3.946 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.03 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

Instrument :

BNA_F

ClientSampleId :

TP-14-SDL

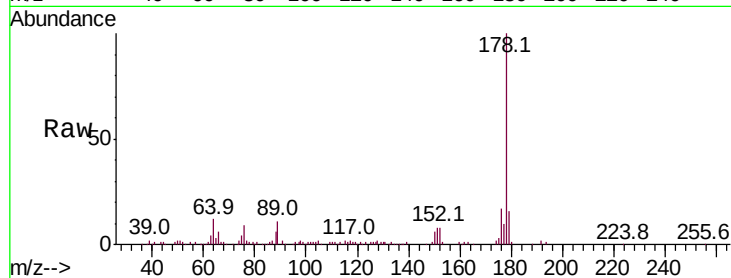
Tot Ion:178 Resp: 111880

Ion Ratio Lower Upper

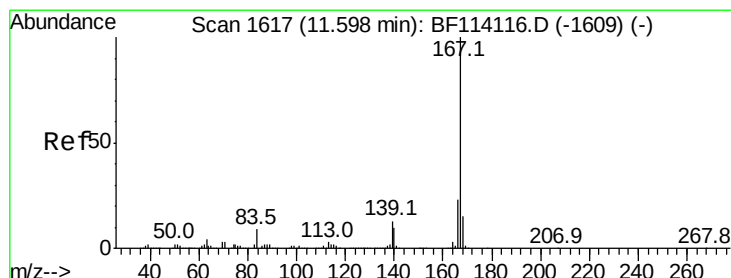
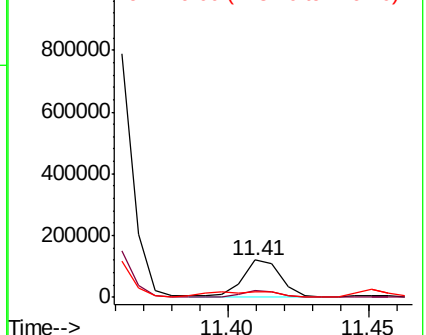
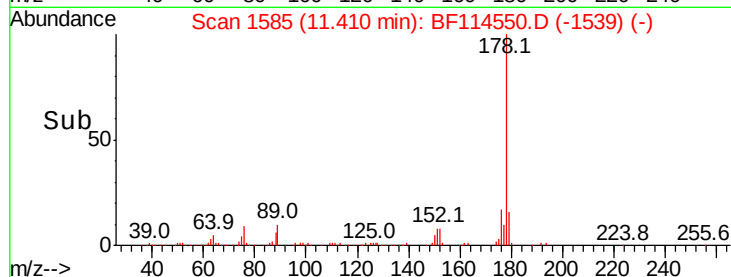
178 100

176 17.1 15.8 23.8

179 16.4 13.0 19.4



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: 2.972 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.02 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

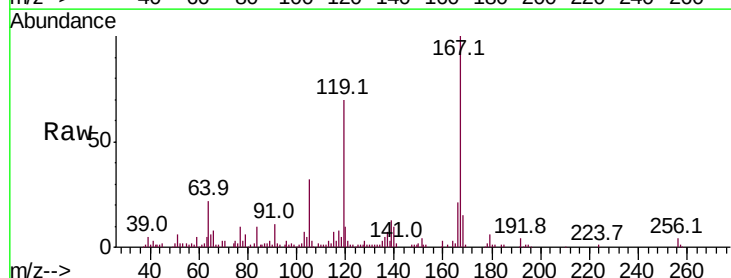
Tgt Ion:167 Resp: 80352

Ion Ratio Lower Upper

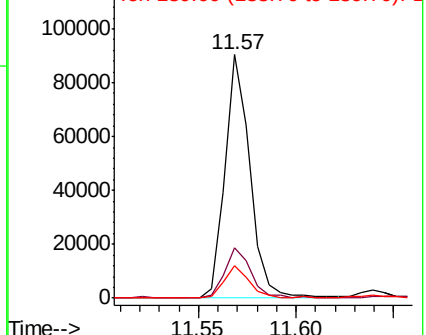
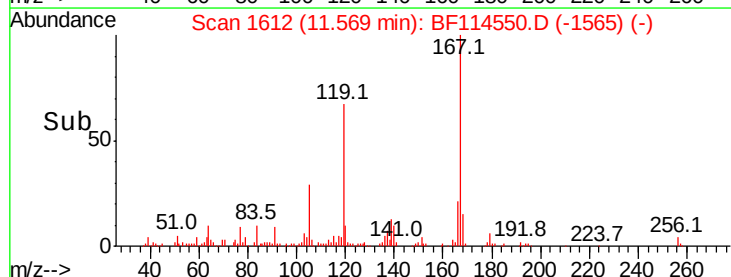
167 100

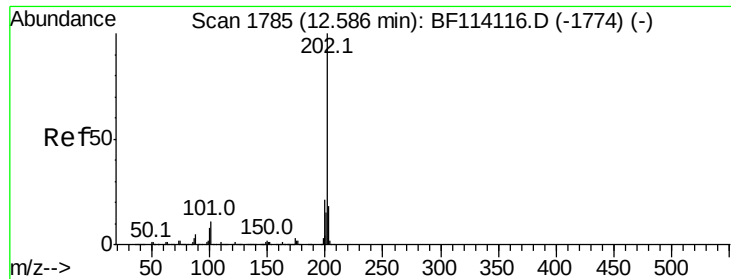
166 20.9 18.2 27.2

139 13.1 10.6 16.0



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: 31.143 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.02 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

Instrument :

BNA_F

ClientSampleId :

TP-14-SDL

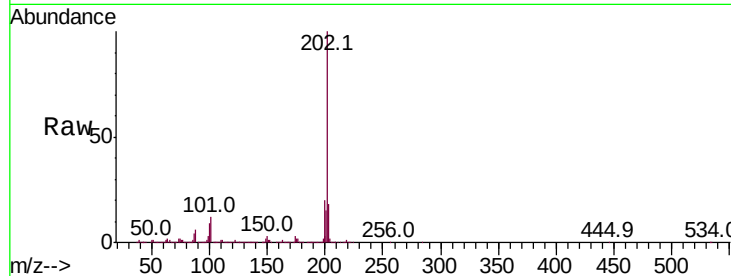
Tot Ion:202 Resp: 946677

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.0

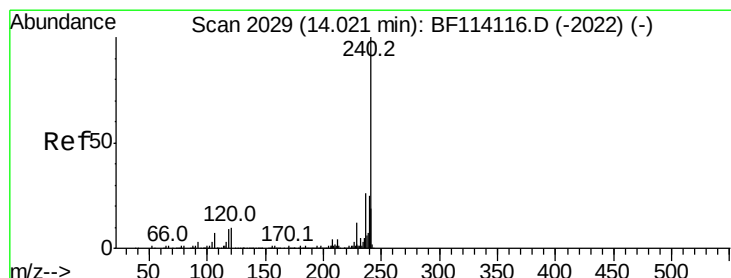
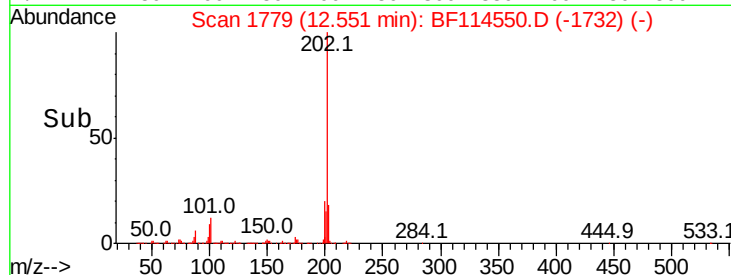
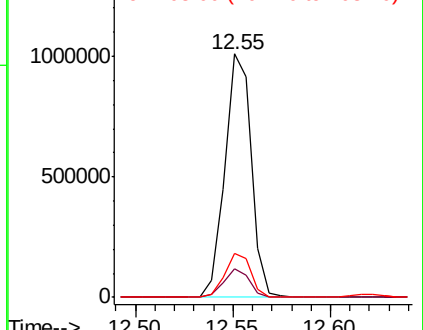
203 17.9 0.0 38.4



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: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

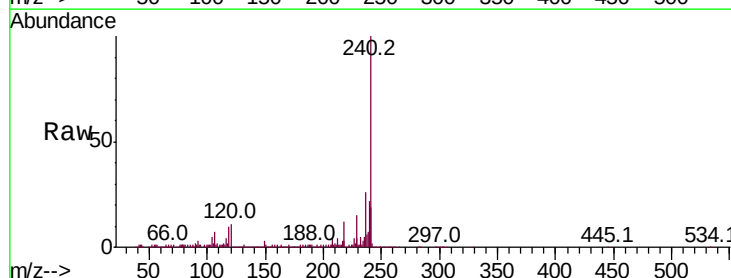
Tgt Ion:240 Resp: 369928

Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

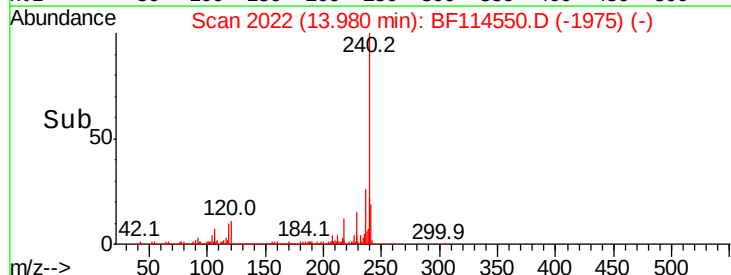
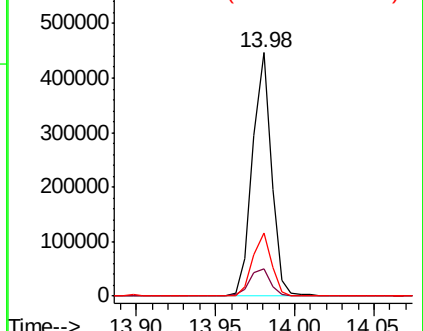
236 25.7 20.8 31.2

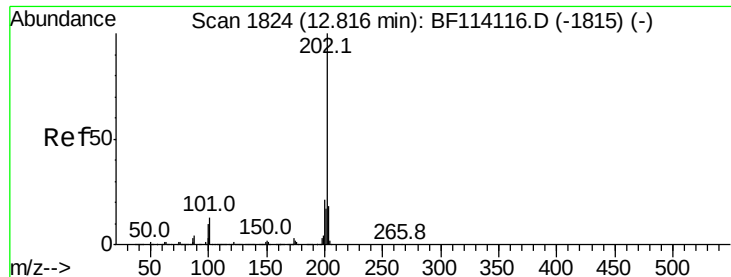


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 27.564 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

Instrument :

BNA_F

ClientSampleId :

TP-14-SDL

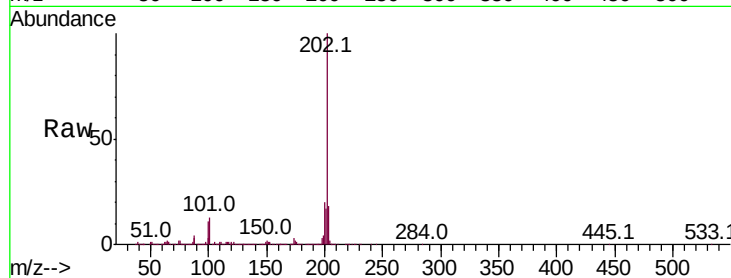
Tot Ion:202 Resp: 820271

Ion Ratio Lower Upper

202 100

200 19.8 16.9 25.3

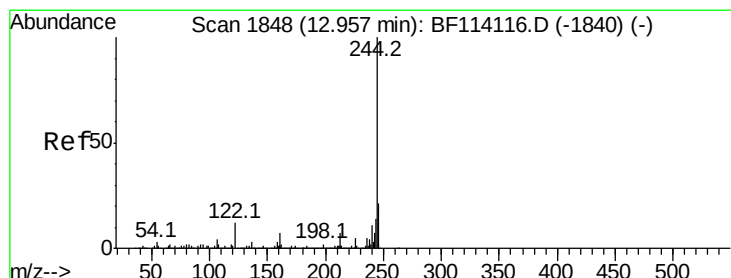
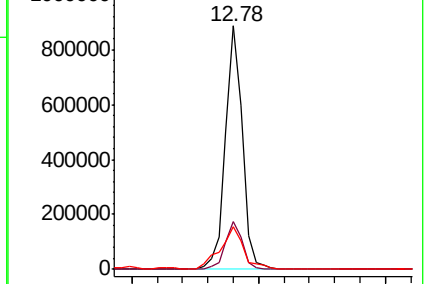
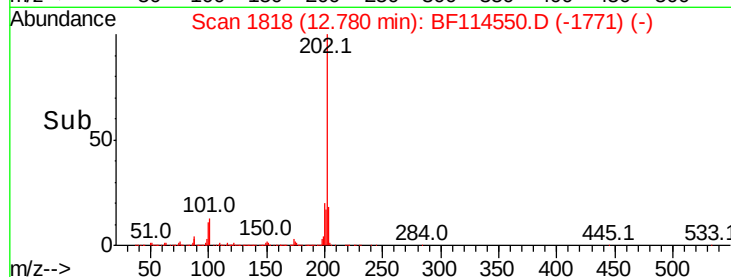
203 17.7 14.5 21.7



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: 3.915 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.02 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

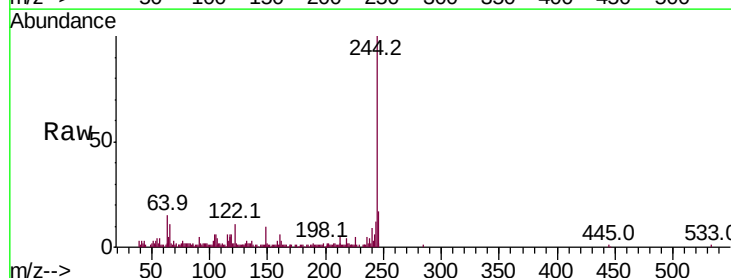
Tgt Ion:244 Resp: 70248

Ion Ratio Lower Upper

244 100

212 5.4 5.8 8.6#

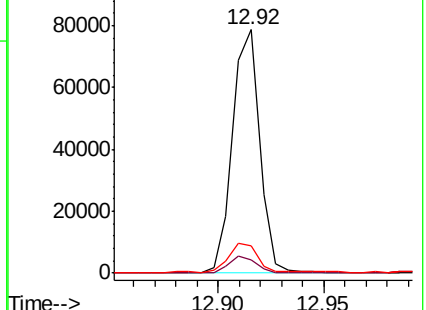
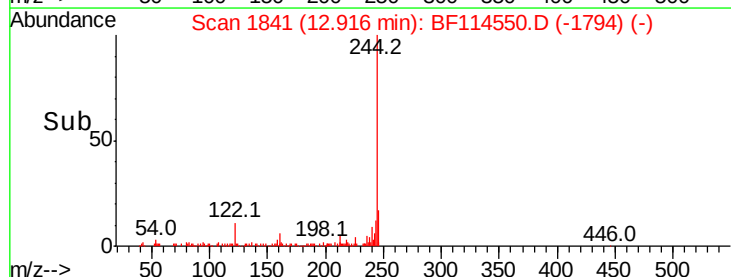
122 11.1 9.4 14.2

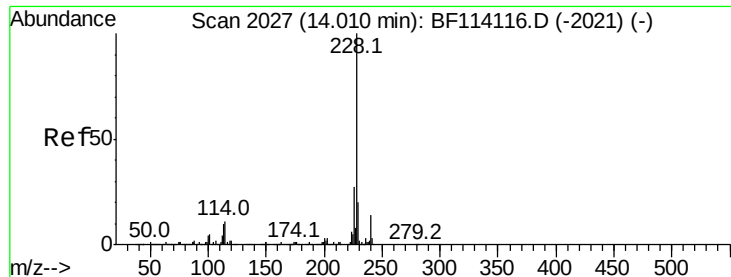


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 14.578 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

Instrument :

BNA_F

ClientSampleId :

TP-14-SDL

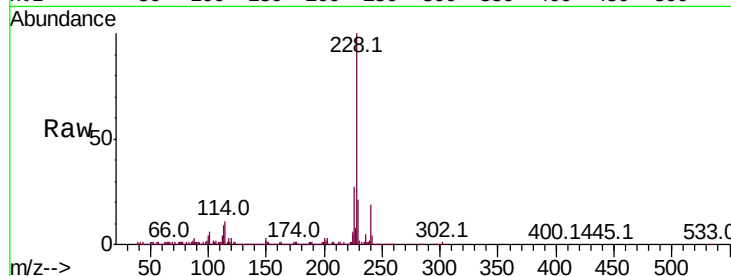
Tot Ion:228 Resp: 348801

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

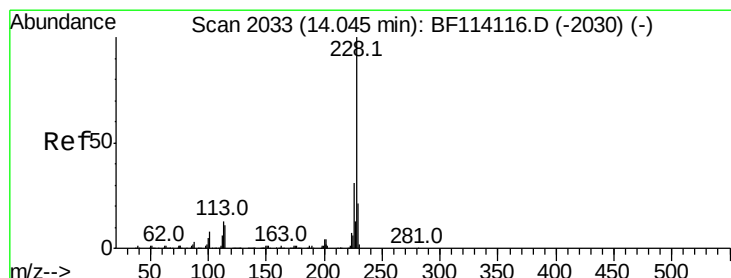
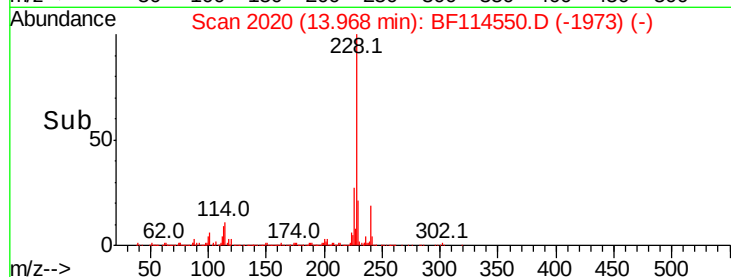
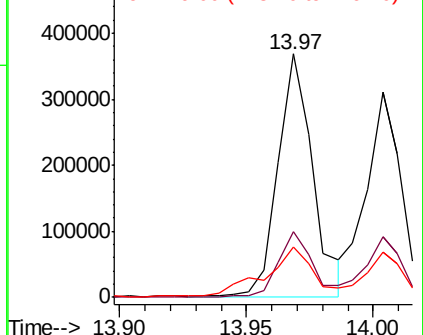
229 20.7 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 12.568 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.03 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

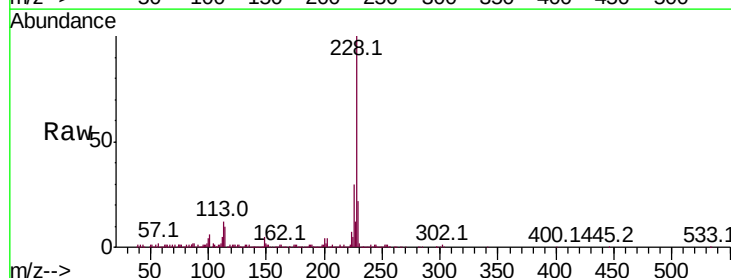
Tgt Ion:228 Resp: 294792

Ion Ratio Lower Upper

228 100

226 29.5 25.0 37.6

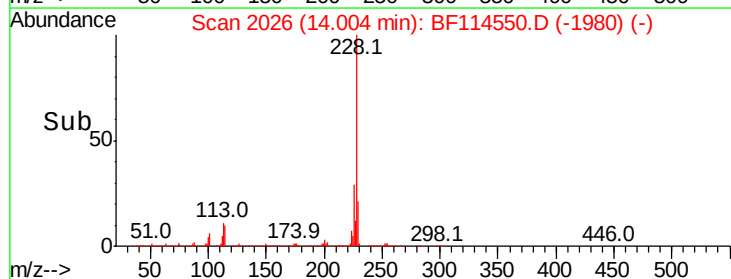
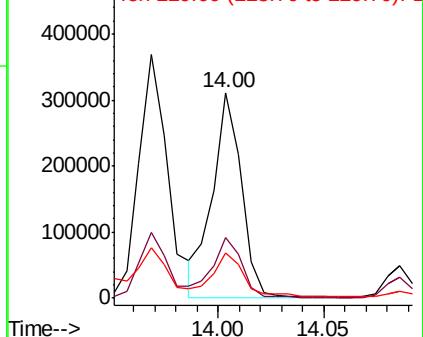
229 21.8 17.0 25.6

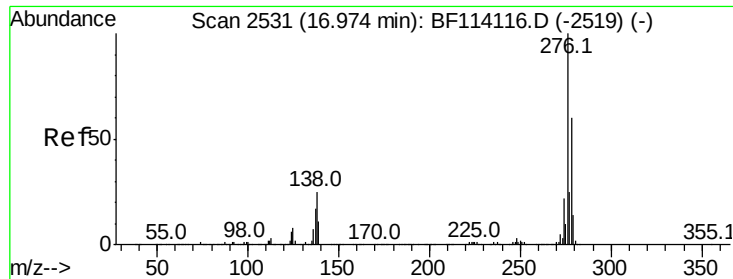


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

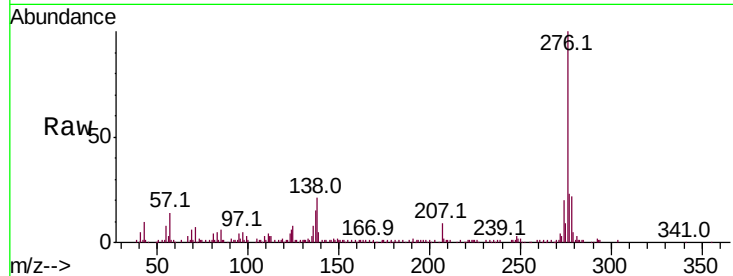




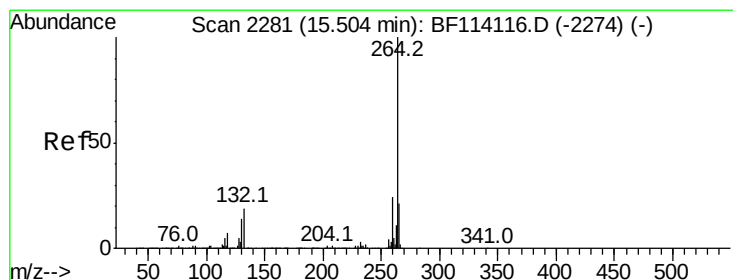
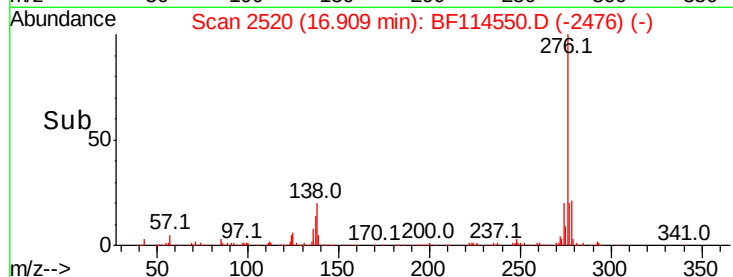
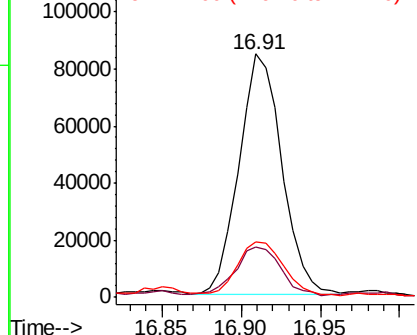
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 7.617 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. -0.04 min
 Lab File: BF114550.D
 Acq: 24 May 2019 3:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SDL

Tot Ion:	276	Resp:	157896
Ion	Ratio	Lower	Upper
276	100		
138	21.7	20.2	30.2
277	23.7	20.0	30.0

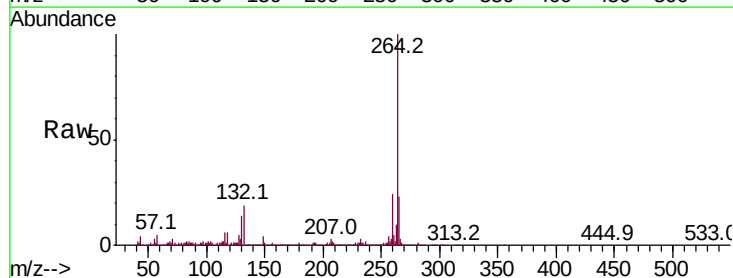


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

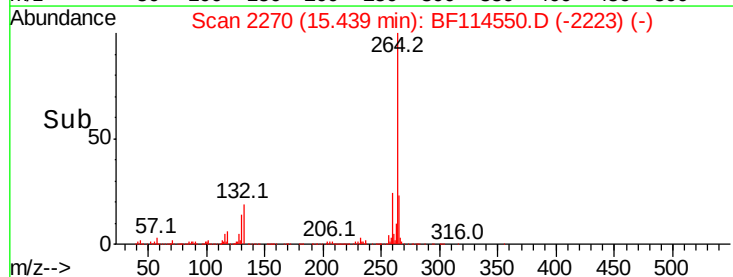
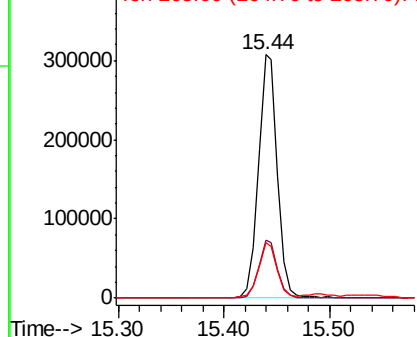


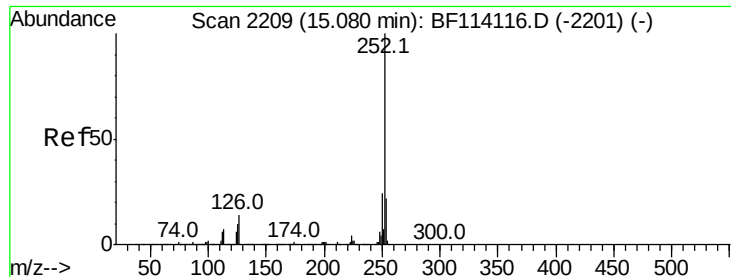
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.02 min
 Lab File: BF114550.D
 Acq: 24 May 2019 3:19

Tgt Ion:	264	Resp:	389535
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	22.7	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 20.058 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

Instrument :

BNA_F

ClientSampleId :

TP-14-SDL

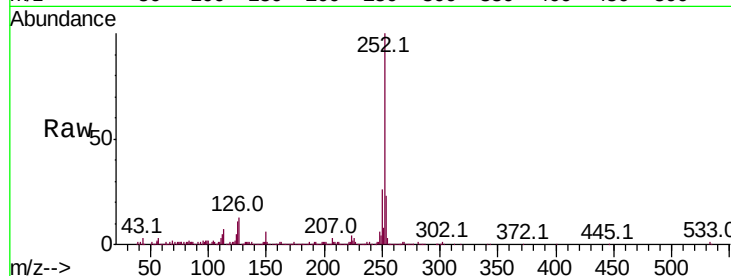
Tot Ion:252 Resp: 500554

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

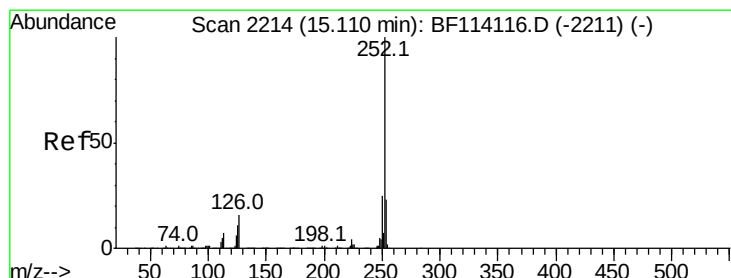
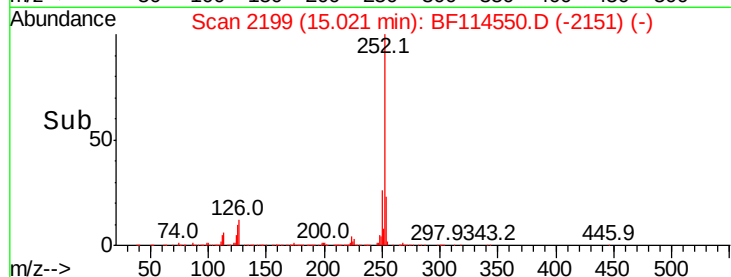
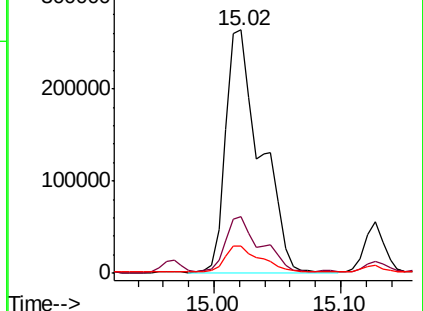
125 11.0 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 21.835 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.05 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

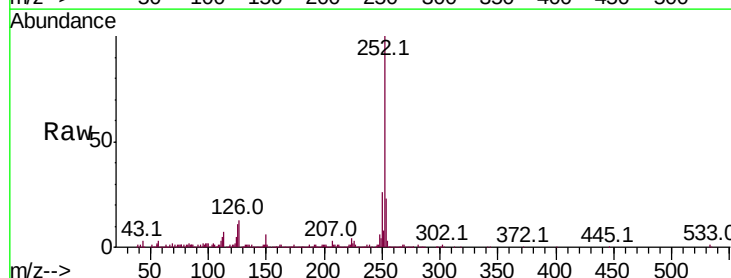
Tgt Ion:252 Resp: 500554

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

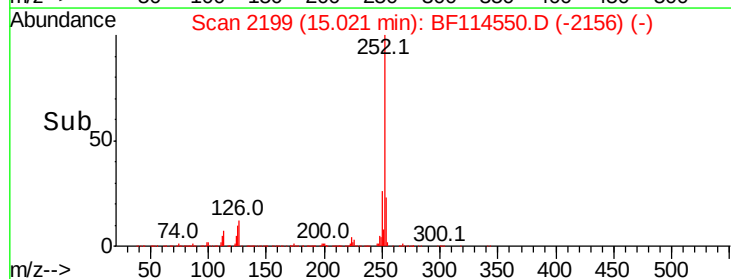
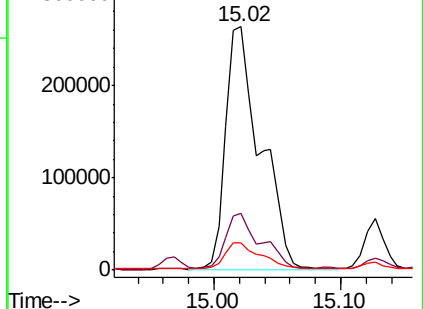
125 11.0 8.6 13.0

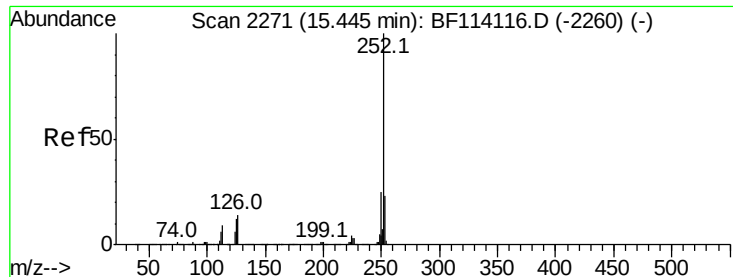


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 13.265 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.02 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

Instrument :

BNA_F

ClientSampleId :

TP-14-SDL

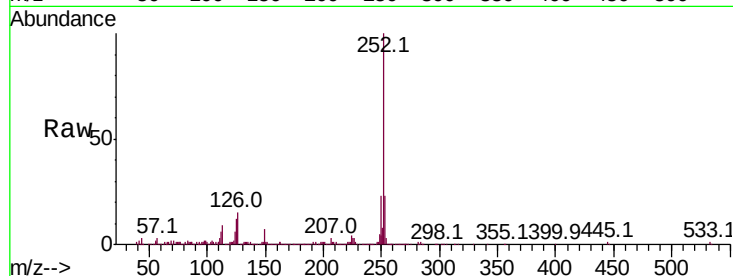
Tot Ion:252 Resp: 291348

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

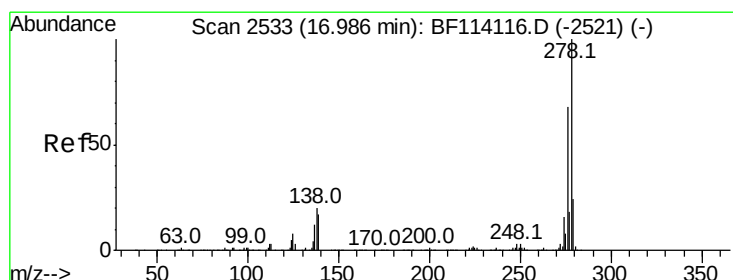
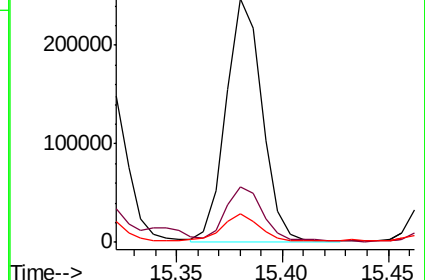
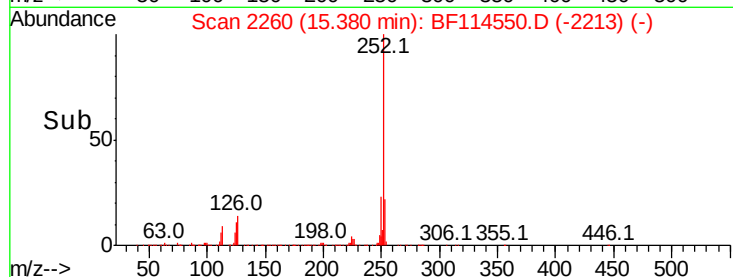
125 11.8 9.5 14.3



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



#91

Dibenzo(a,h)anthracene

Concen: 2.041 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.04 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

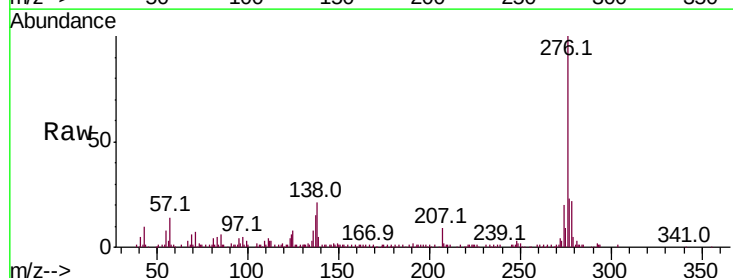
Tgt Ion:278 Resp: 37243

Ion Ratio Lower Upper

278 100

139 23.1 13.5 20.3#

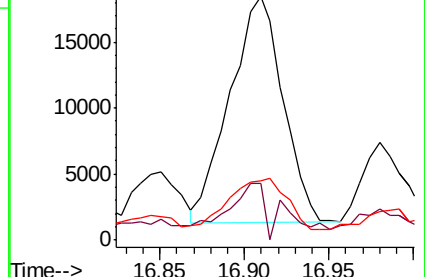
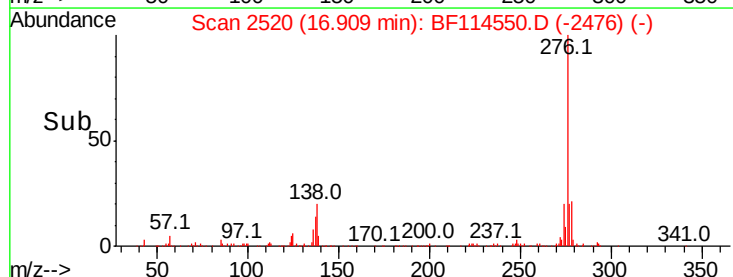
279 24.2 19.0 28.6

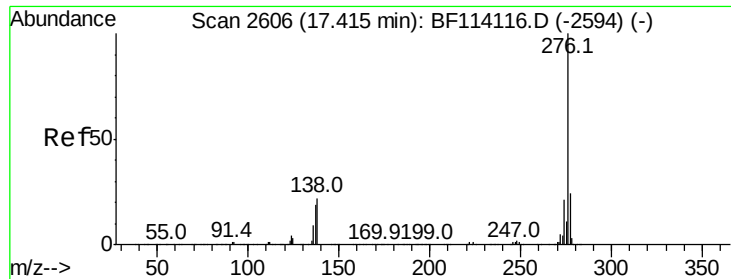


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 8.189 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.03 min

Lab File: BF114550.D

Acq: 24 May 2019 3:19

Instrument :

BNA_F

ClientSampleId :

TP-14-SDL

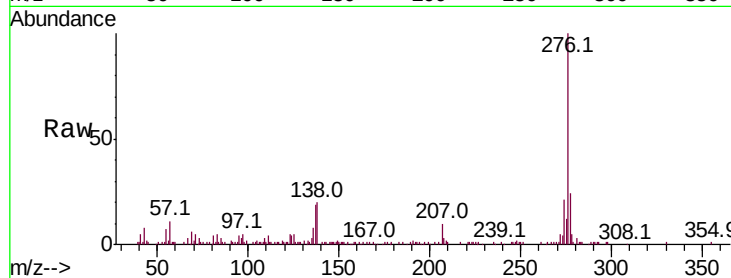
Tot Ion:276 Resp: 149775

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 19.7 17.8 26.6



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

