

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111616.D
 Acq On : 20 Dec 2018 3:15
 Operator : JU/SJ
 Sample : J6386-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-02

Quant Time: Dec 20 04:46:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

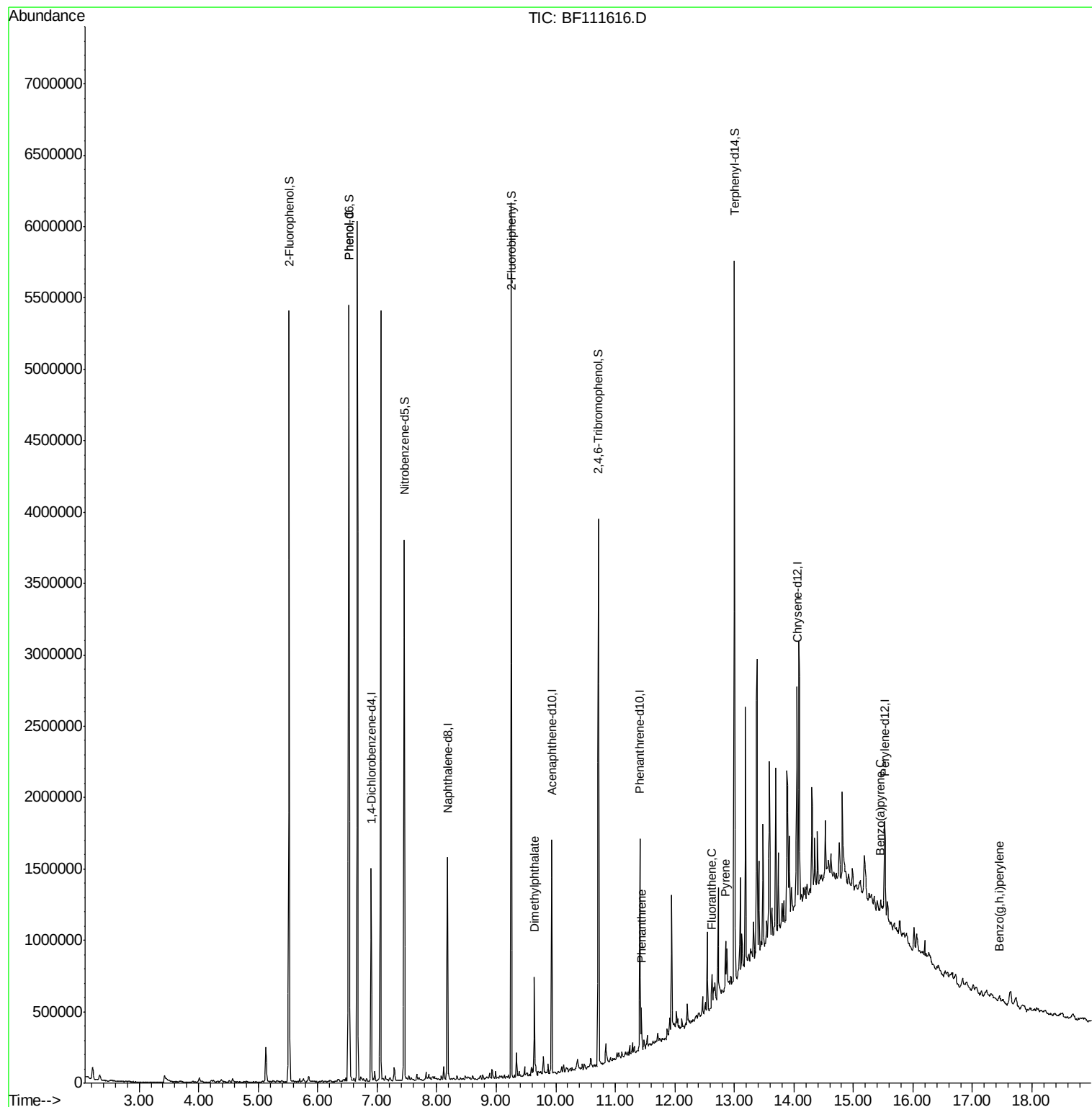
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	197772	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	686983	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	311397	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	524119	20.00	ng	0.00
76) Chrysene-d12	14.05	240	452473	20.00	ng	0.00
87) Perylene-d12	15.53	264	309341	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1524032	131.35	ng	0.00
7) Phenol-d6	6.53	99	1918351	129.92	ng	0.00
23) Nitrobenzene-d5	7.46	82	1142083	96.77	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	458330	124.57	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1980705	92.71	ng	0.00
79) Terphenyl-d14	13.00	244	1804446	75.63	ng	0.00
Target Compounds						
10) Phenol	6.53	94	138805	8.331	ng	90
50) Dimethylphthalate	9.64	163	221274	9.717	ng	99
71) Phenanthrene	11.44	178	116958	4.208	ng	94
75) Fluoranthene	12.62	202	80950	2.876	ng	95
78) Pyrene	12.85	202	141642	4.433	ng	94
90) Benzo(a)pyrene	15.46	252	35439	2.158	ng	# 69
92) Benzo(g,h,i)perylene	17.45	276	31604	2.250	ng	# 91

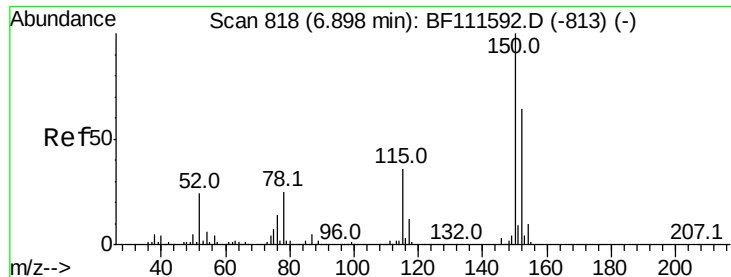
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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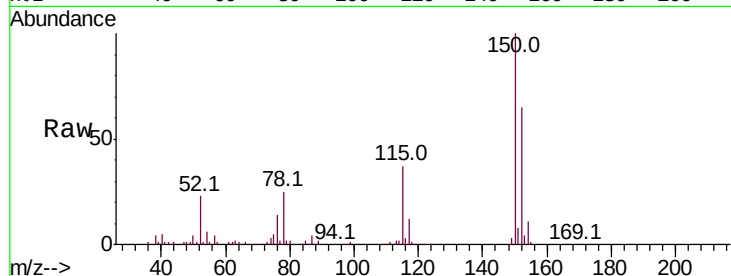


#1

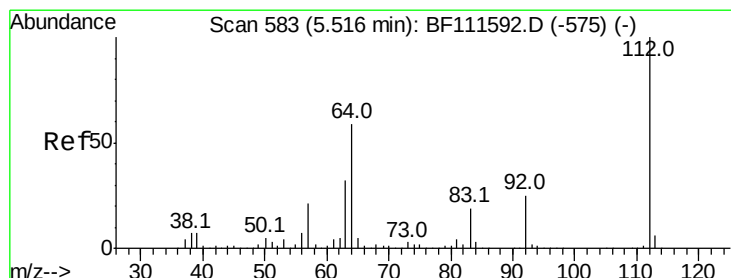
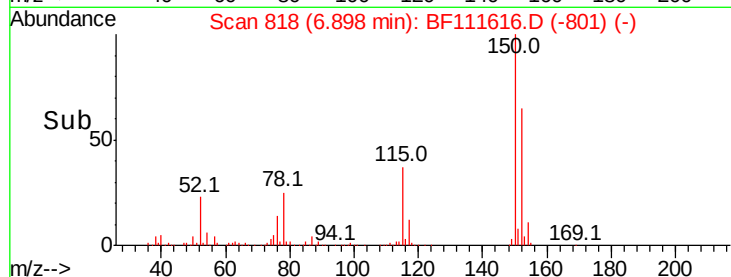
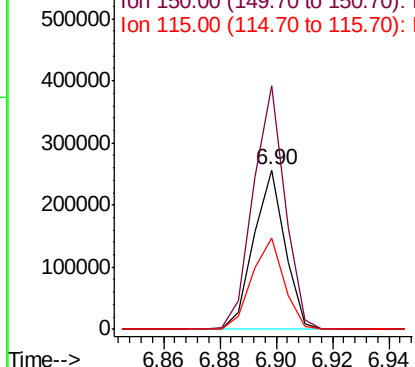
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tot Ion:152 Resp: 197772
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 57.1 50.7 76.1



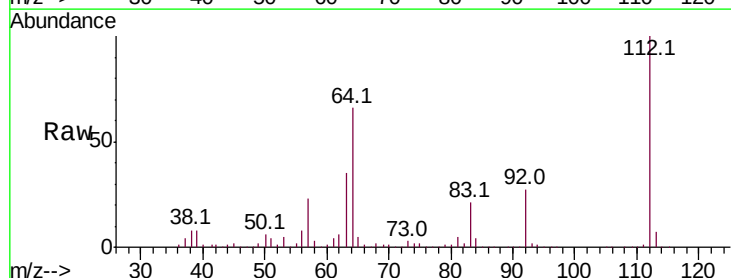
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



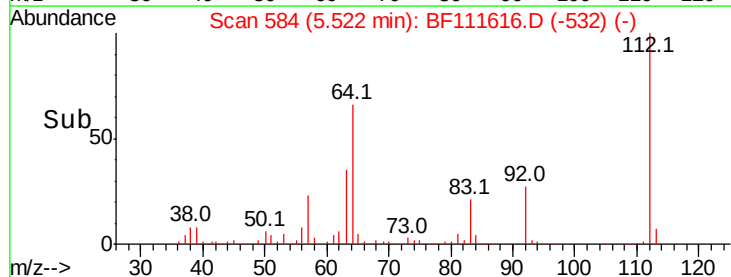
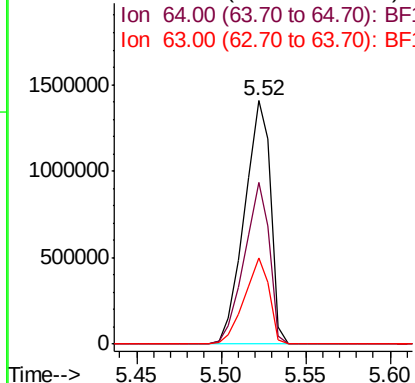
#5

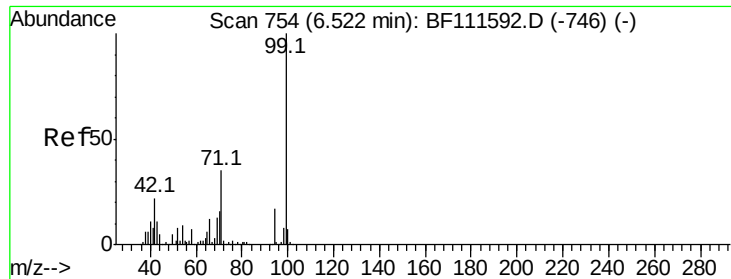
2-Fluorophenol
Concen: 131.351 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Tgt Ion:112 Resp: 1524032
Ion Ratio Lower Upper
112 100
64 66.4 51.8 77.6
63 35.1 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: 129.915 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF111616.D

Acq: 20 Dec 2018 3:15

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-02

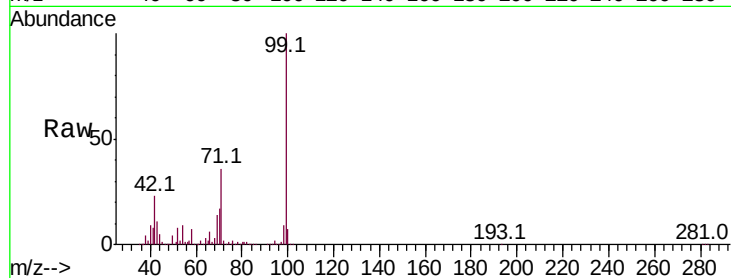
Tot Ion: 99 Resp: 1918351

Ion Ratio Lower Upper

99 100

42 22.6 17.4 26.0

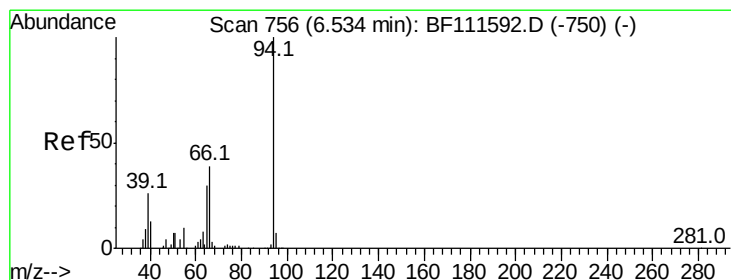
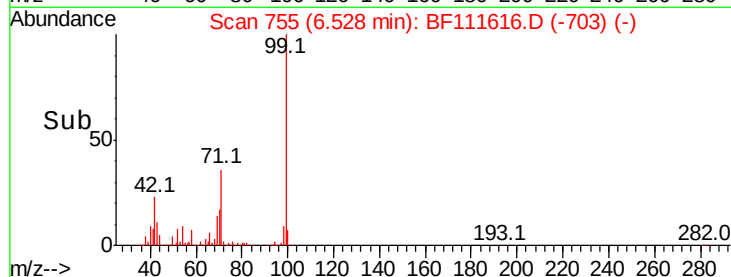
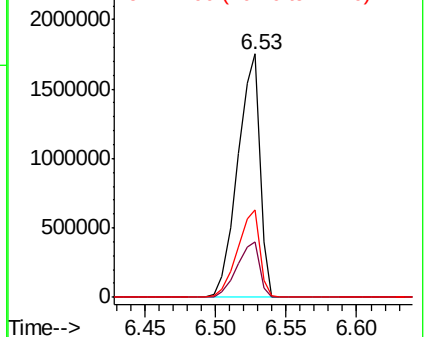
71 36.1 26.1 39.1



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: 8.331 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111616.D

Acq: 20 Dec 2018 3:15

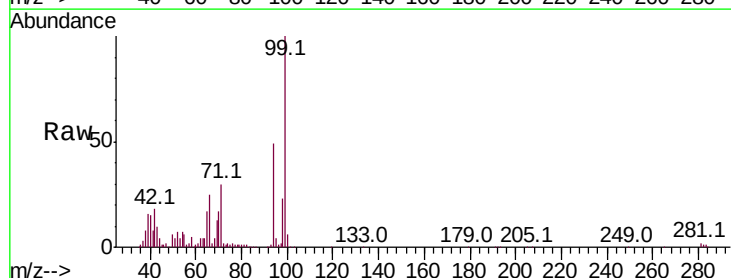
Tgt Ion: 94 Resp: 138805

Ion Ratio Lower Upper

94 100

65 34.2 11.7 51.7

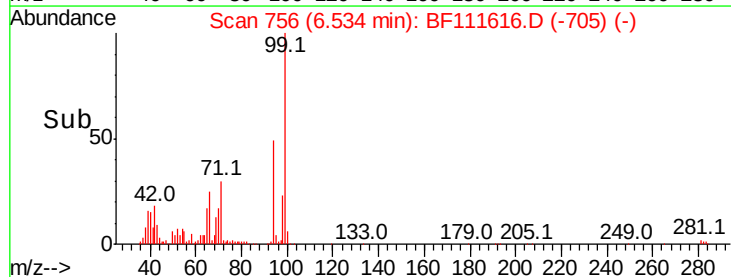
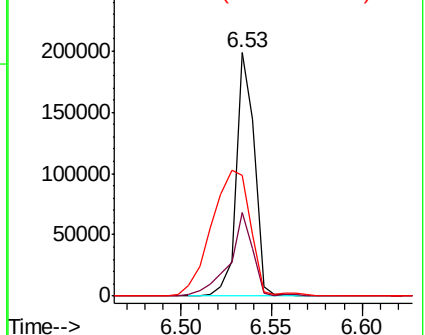
66 49.7 21.0 61.0

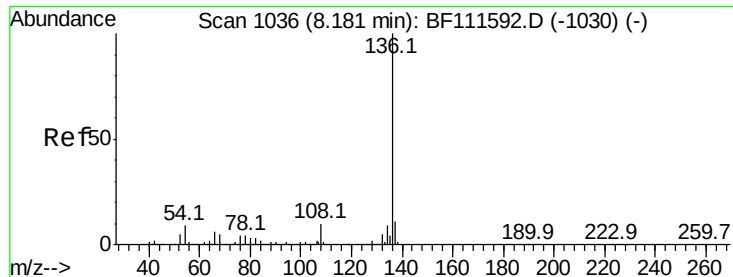


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF111616.D

Acq: 20 Dec 2018 3:15

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-02

Tot Ion:136 Resp: 686983

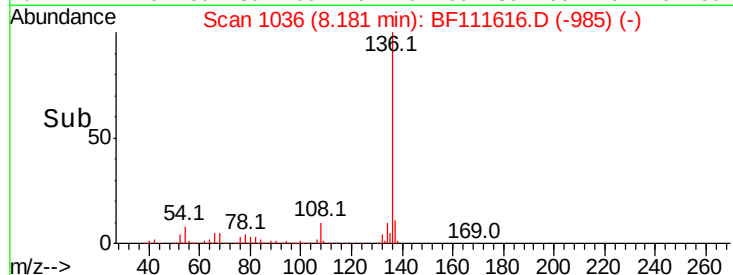
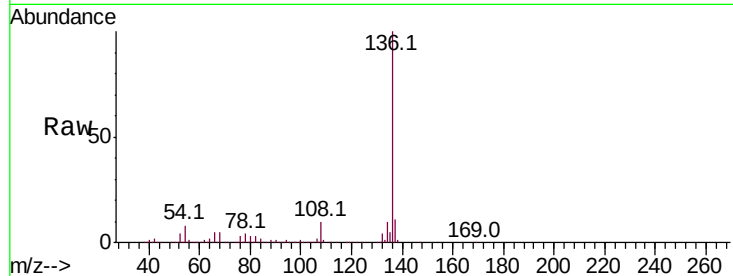
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 8.2 7.7 11.5

68 5.3 4.9 7.3

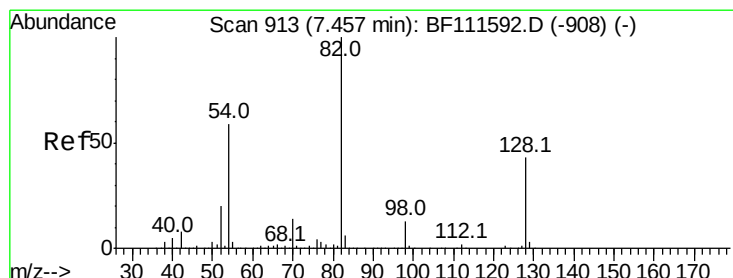
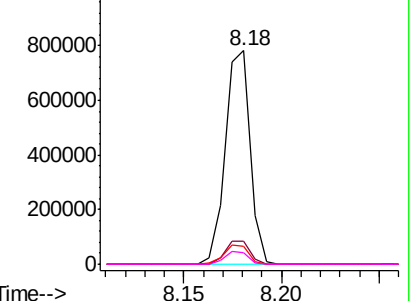


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.768 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111616.D

Acq: 20 Dec 2018 3:15

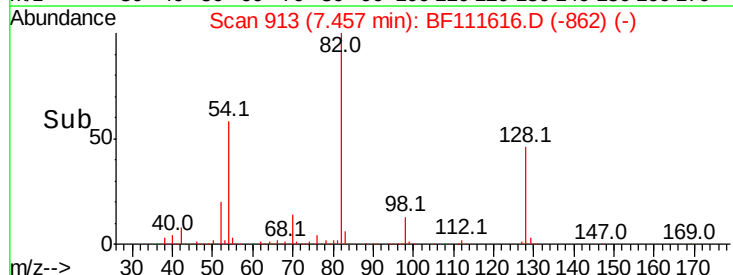
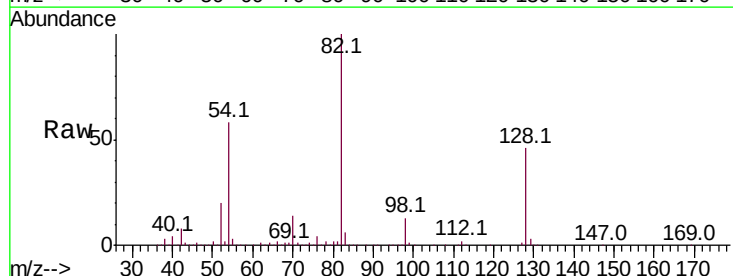
Tgt Ion: 82 Resp: 1142083

Ion Ratio Lower Upper

82 100

128 45.6 37.4 56.2

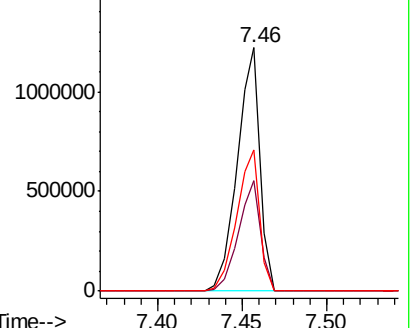
54 58.2 47.6 71.4

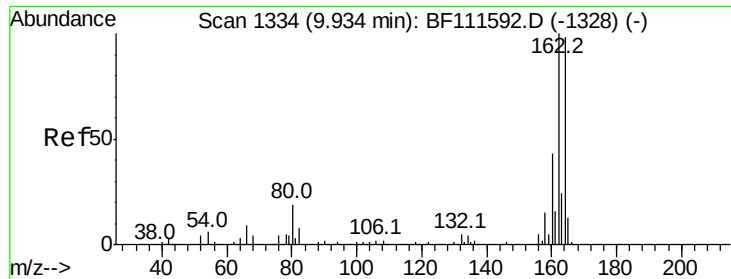


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

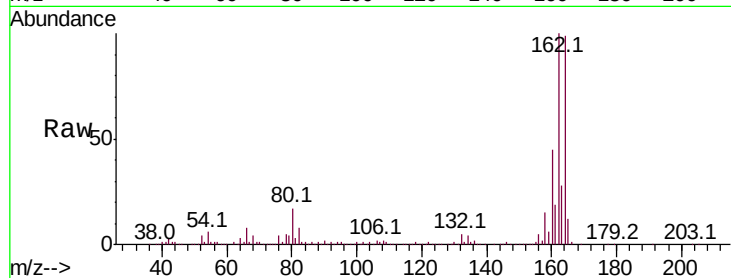




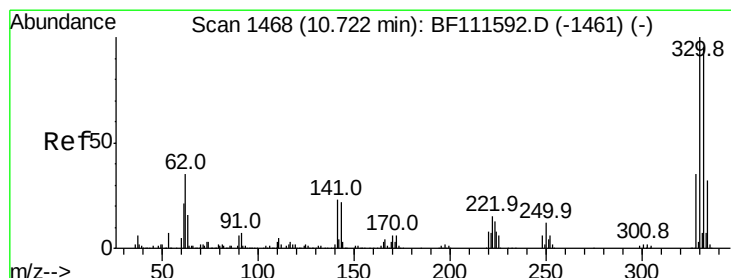
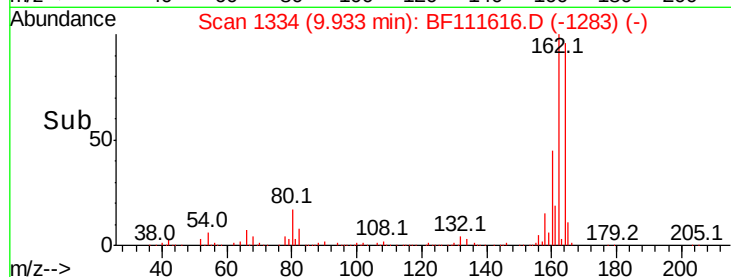
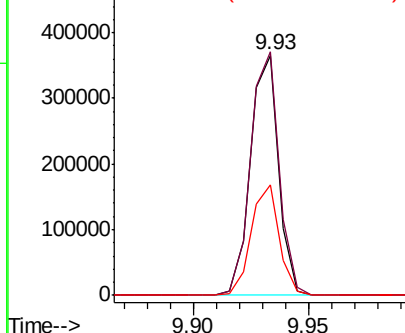
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111616.D
 Acq: 20 Dec 2018 3:15

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-02

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	45.9	35.7	53.5

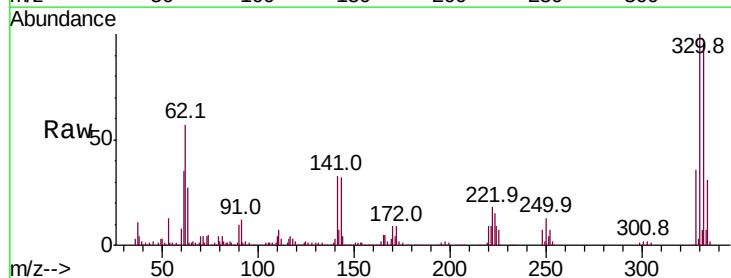


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

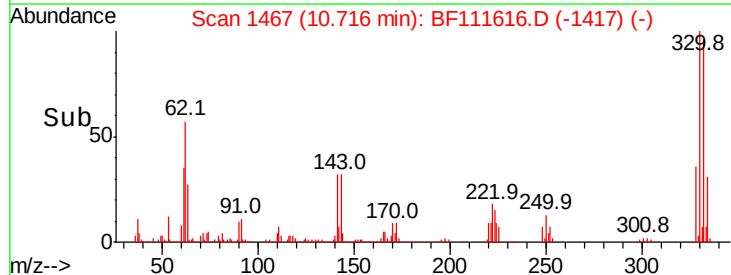
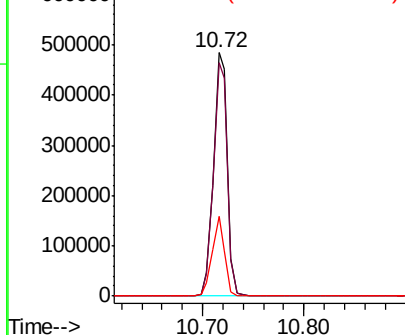


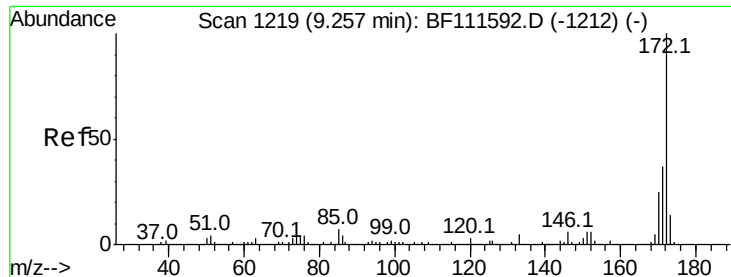
#42
 2,4,6-Tribromophenol
 Concen: 124.567 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111616.D
 Acq: 20 Dec 2018 3:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.0	114.0
141	29.0	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



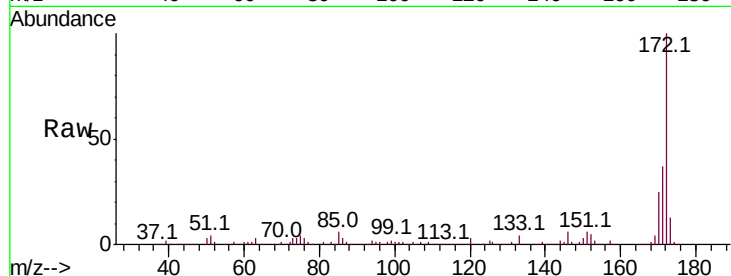


#45
2-Fluorobiphenyl
Concen: 92.712 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

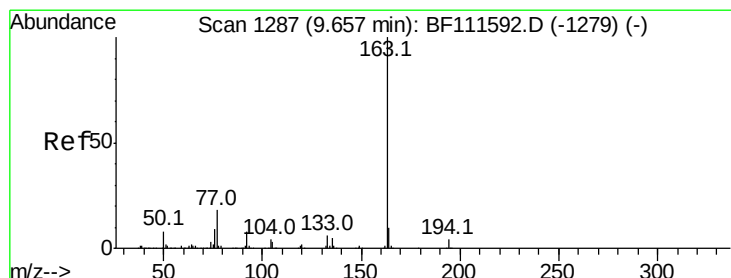
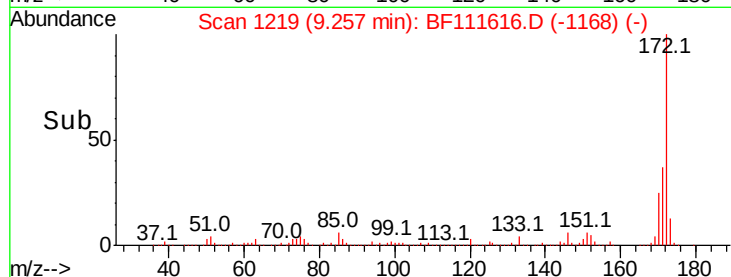
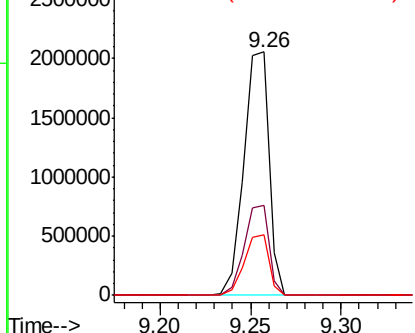
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tot Ion:172 Resp: 1980705

Ion	Ratio	Lower	Upper
172	100		
171	37.0	33.0	49.4
170	24.9	22.3	33.5



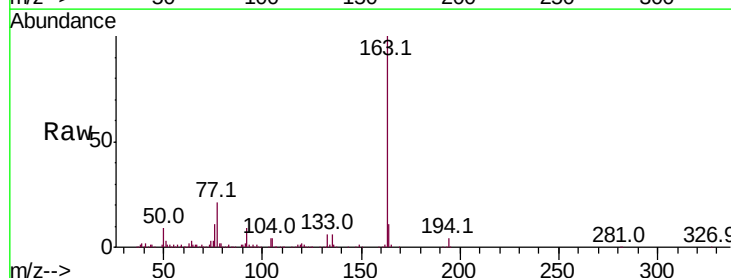
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



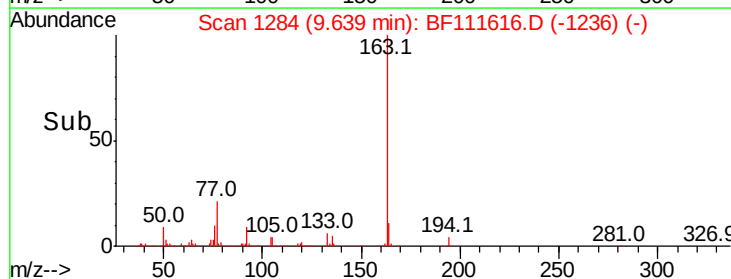
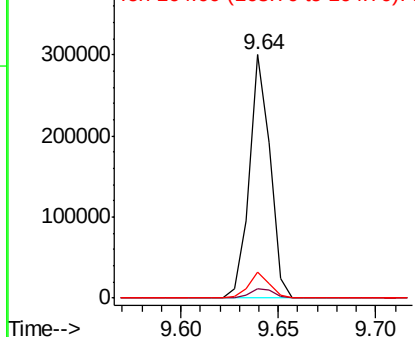
#50
Dimethylphthalate
Concen: 9.717 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

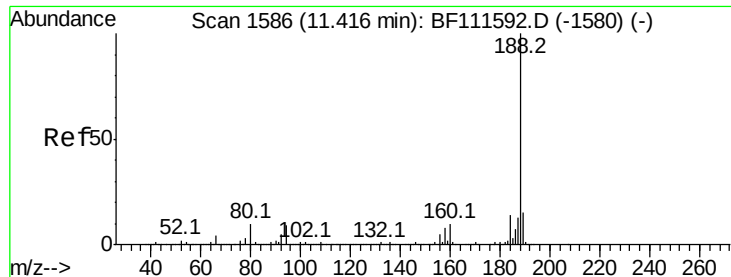
Tgt Ion:163 Resp: 221274

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.5	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

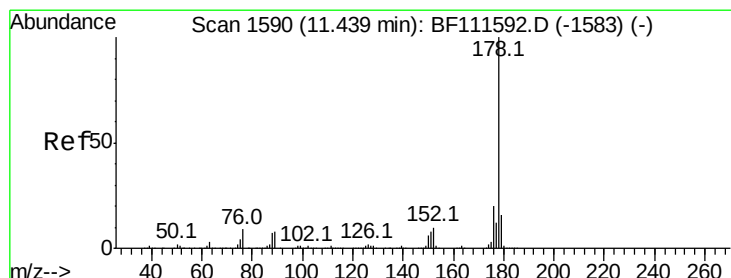
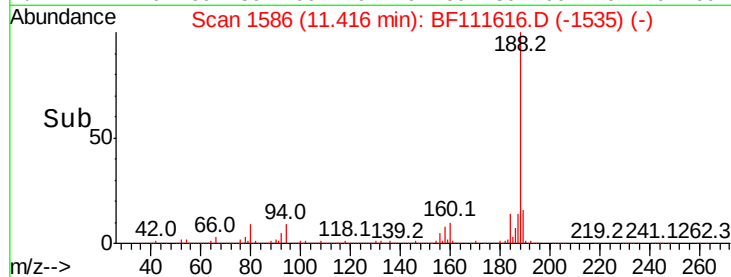
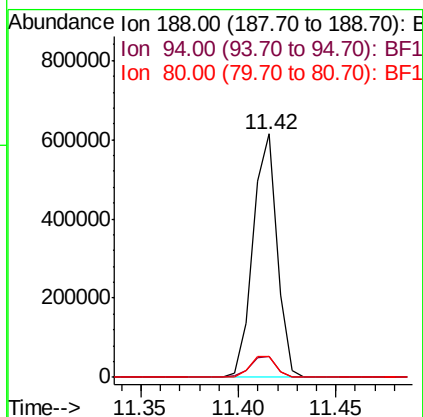
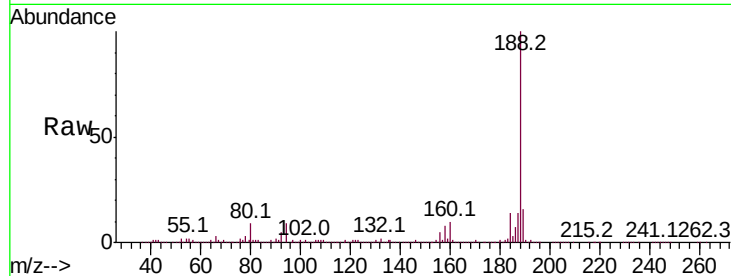




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

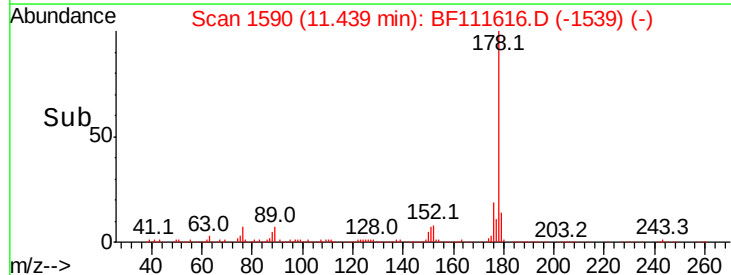
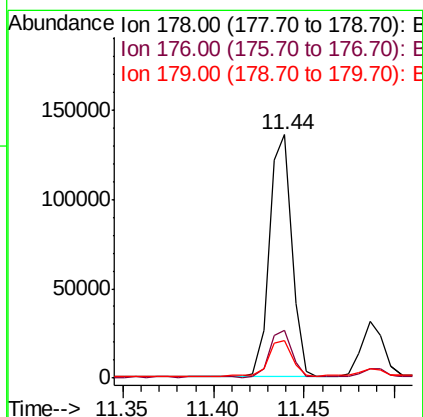
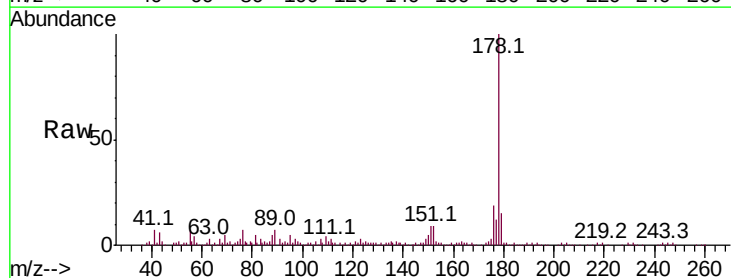
Instrument :
BNA_F
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P001-SS006-1824-02

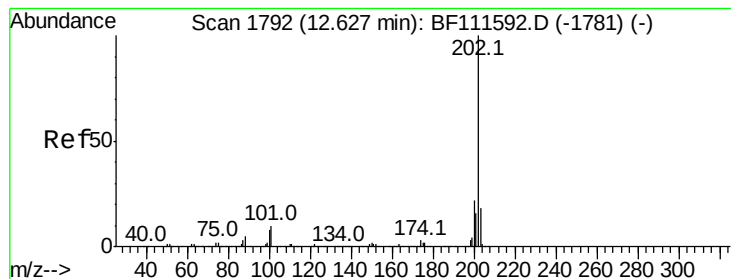
Tot Ion:188 Resp: 524119
Ion Ratio Lower Upper
188 100
94 8.8 9.6 14.4#
80 8.8 9.8 14.6#



#71
Phenanthrene
Concen: 4.208 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Tgt Ion:178 Resp: 116958
Ion Ratio Lower Upper
178 100
176 19.4 18.1 27.1
179 15.3 14.0 21.0

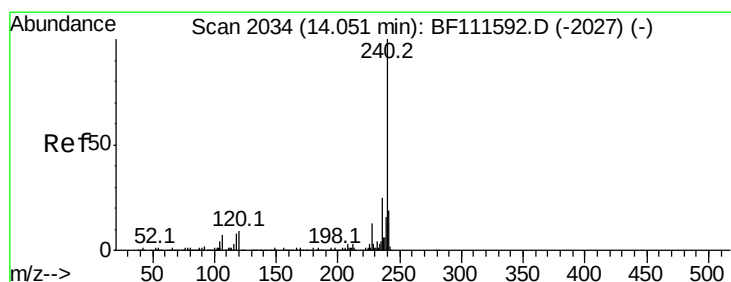
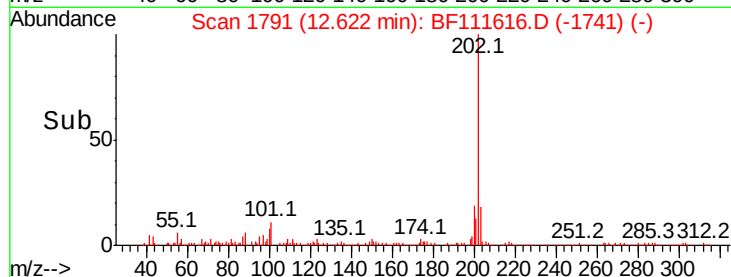
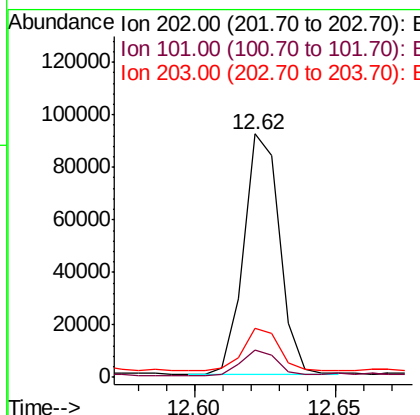
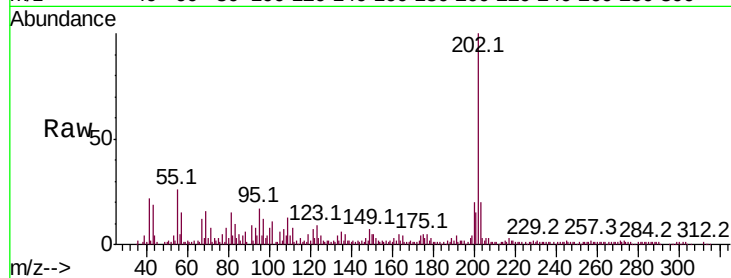




#75
Fluoranthene
Concen: 2.876 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

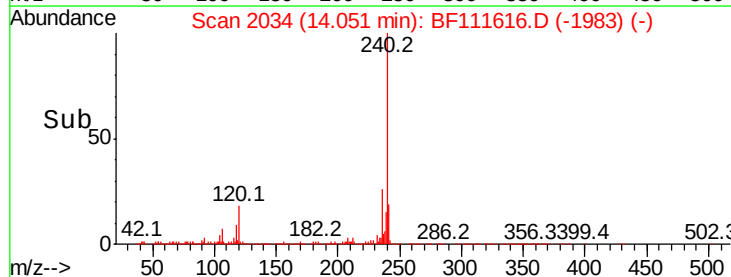
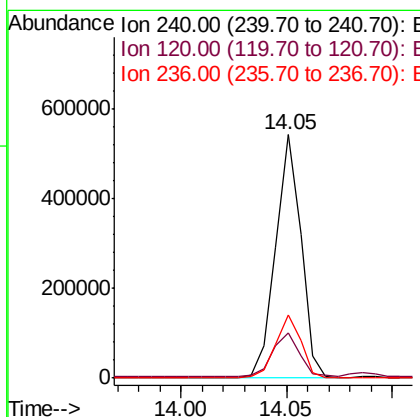
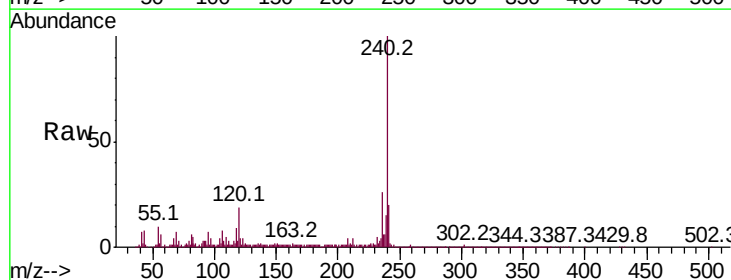
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

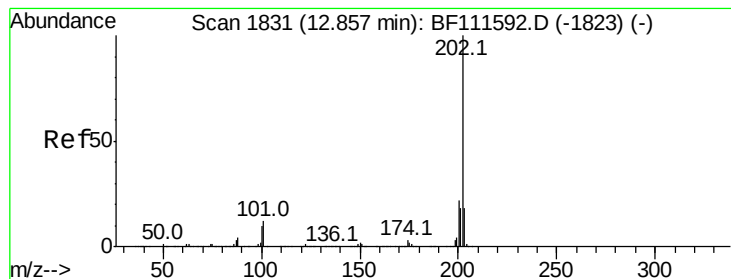
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	33.8
203	19.9	0.0	38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.8	12.2	18.2#
236	26.1	20.2	30.2





#78

Pvrene

Concen: 4.433 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF111616.D

Acq: 20 Dec 2018 3:15

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-02

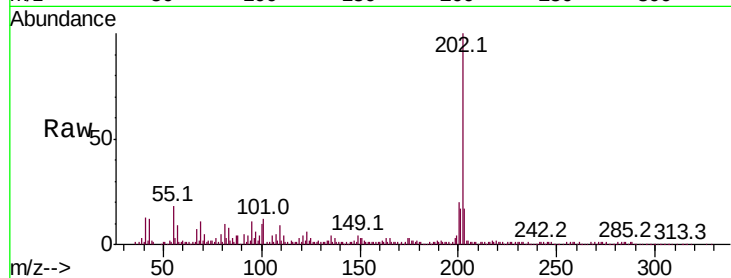
Tot Ion:202 Resp: 141642

Ion Ratio Lower Upper

202 100

200 20.1 19.0 28.4

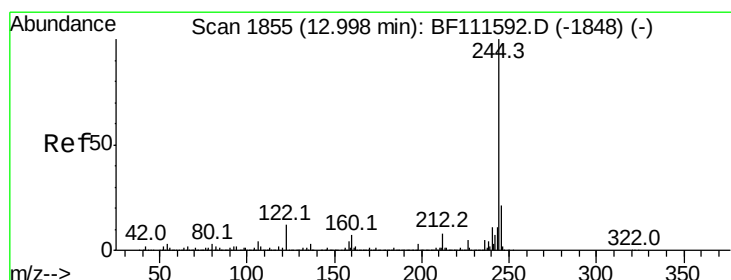
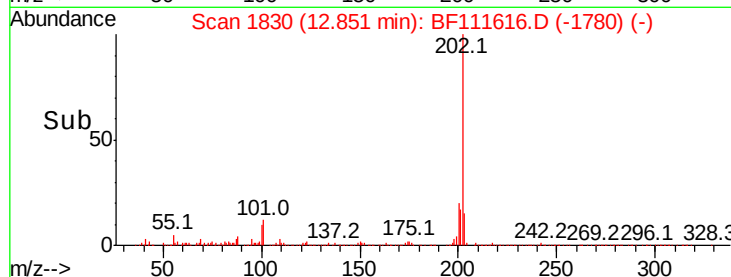
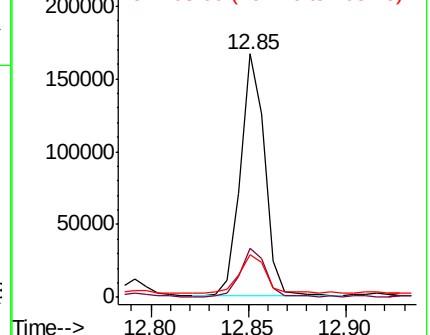
203 17.3 15.2 22.8



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: 75.628 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111616.D

Acq: 20 Dec 2018 3:15

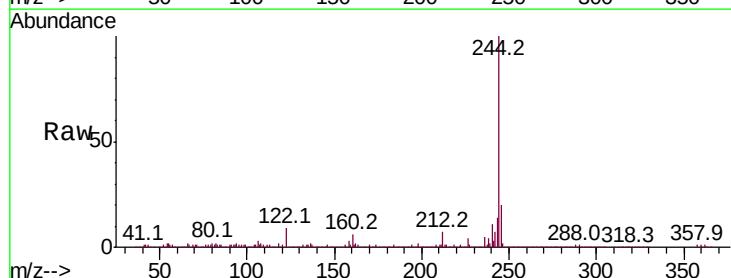
Tgt Ion:244 Resp: 1804446

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

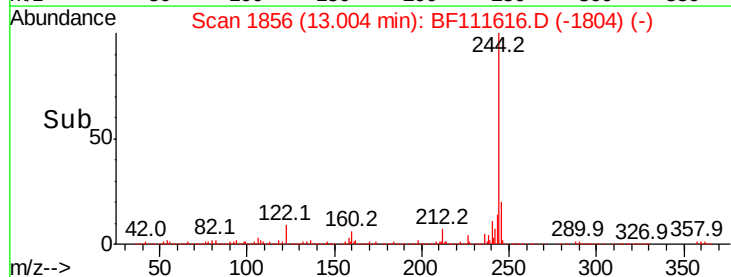
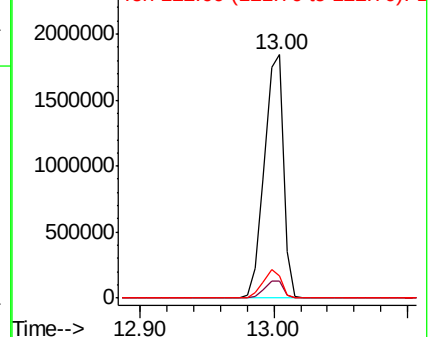
122 9.3 13.1 19.7#

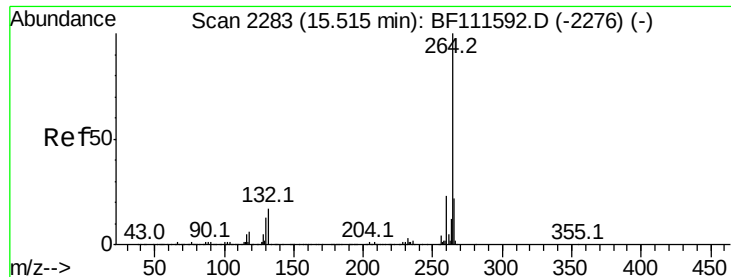


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF111616.D

Acq: 20 Dec 2018 3:15

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-02

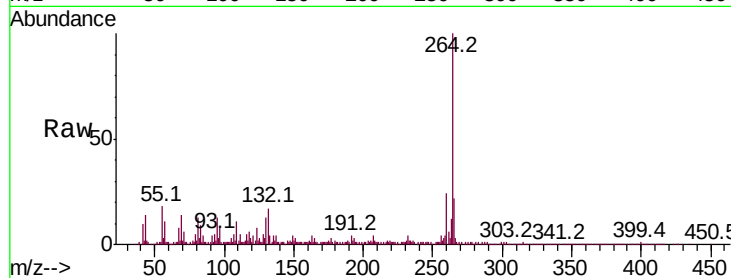
Tot Ion:264 Resp: 309341

Ion Ratio Lower Upper

264 100

260 24.3 18.3 27.5

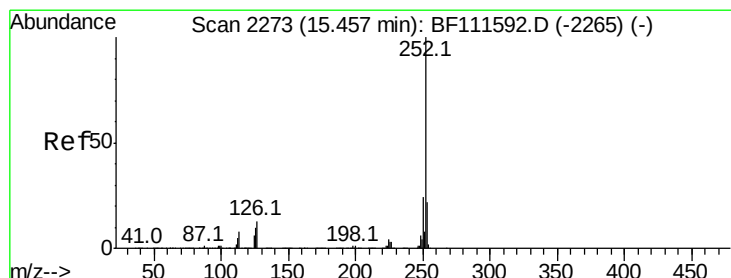
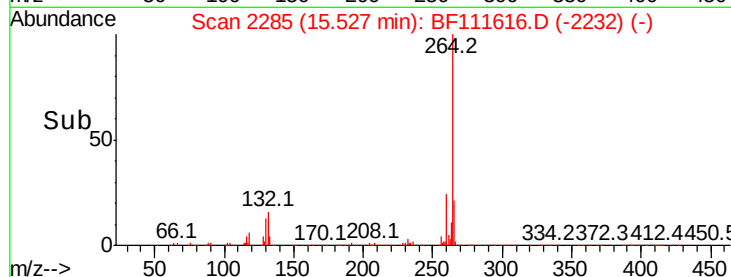
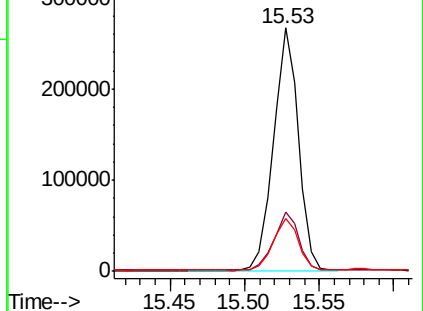
265 21.5 17.7 26.5



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



#90

Benzo(a)pyrene

Concen: 2.158 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BF111616.D

Acq: 20 Dec 2018 3:15

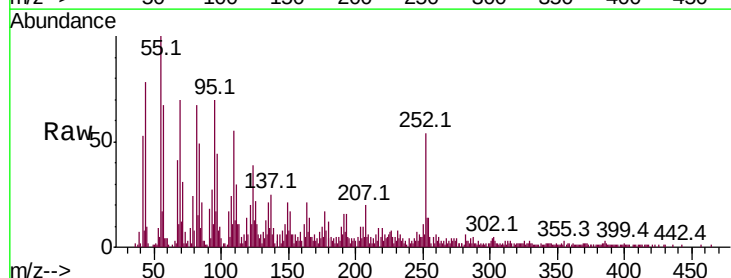
Tgt Ion:252 Resp: 35439

Ion Ratio Lower Upper

252 100

253 26.3 17.8 26.8

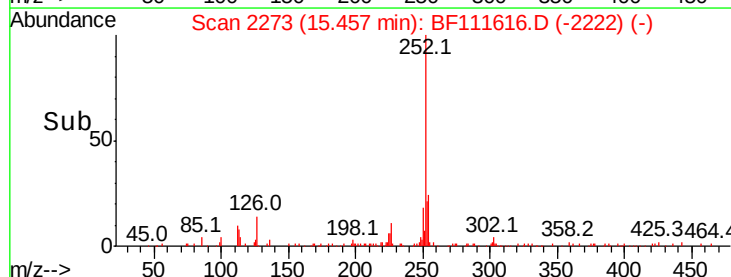
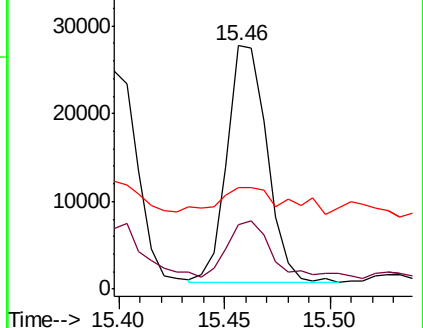
125 41.6 12.3 18.5#

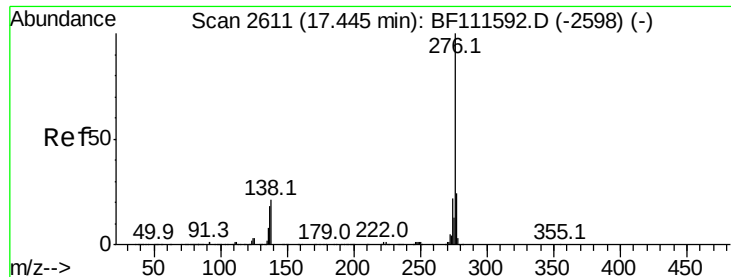


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Benzo(a,h,i)perylene

Concen: 2.250 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.01 min

Lab File: BF111616.D

Acq: 20 Dec 2018 3:15

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-02

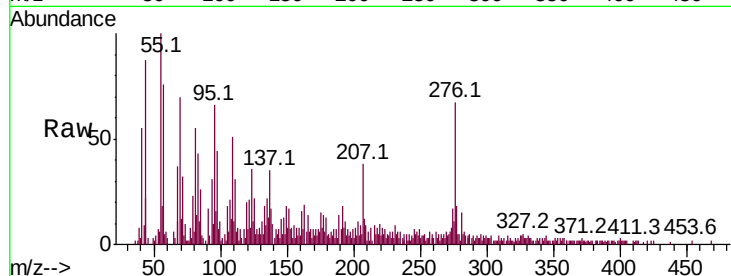
Tot Ion:276 Resp: 31604

Ion Ratio Lower Upper

276 100

277 27.2 19.2 28.8

138 24.9 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

