

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
 Data File : BF115444.D
 Acq On : 9 Jul 2019 20:20
 Operator : HP/JU
 Sample : K3699-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-014-ABCD

Quant Time: Jul 10 08:19:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:29:09 2019
 Response via : Initial Calibration

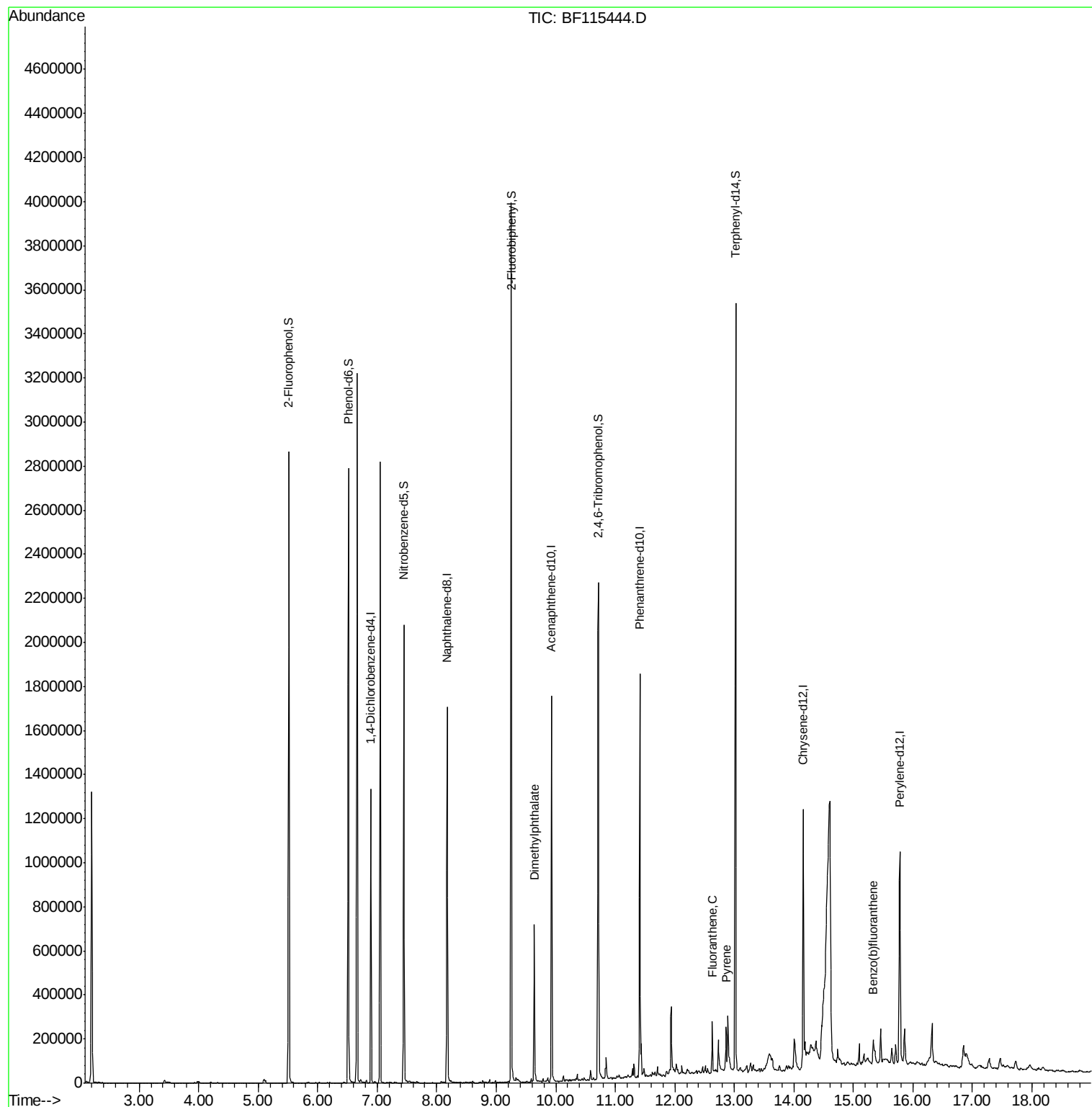
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	177080	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	688680	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	351780	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	677937	20.00	ng	0.00
76) Chrysene-d12	14.16	240	394820	20.00	ng	-0.06
87) Perylene-d12	15.78	264	449758	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	824780	71.96	ng	0.00
7) Phenol-d6	6.52	99	1096770	75.24	ng	-0.01
23) Nitrobenzene-d5	7.45	82	674733	57.89	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	301915	77.62	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1239387	61.82	ng	0.00
79) Terphenyl-d14	13.02	244	1320551	68.48	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.64	163	281307	10.654	ng	98
75) Fluoranthene	12.63	202	88371	2.354	ng	100
78) Pyrene	12.86	202	81644	2.659	ng	97
88) Benzo(b)fluoranthene	15.33	252	61417m	2.097	ng	

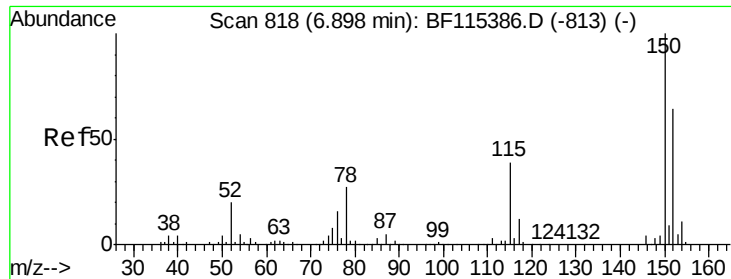
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF115444.D

Acq: 9 Jul 2019 20:20

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-014-ABCD

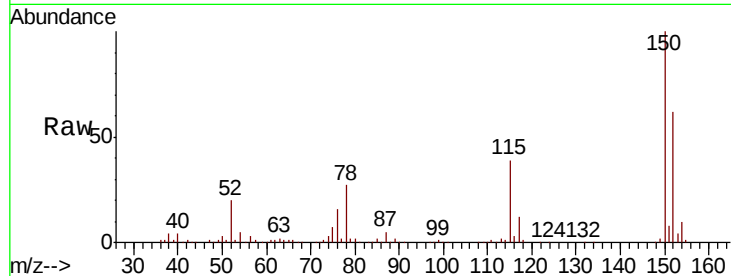
Tot Ion:152 Resp: 177080

Ion Ratio Lower Upper

152 100

150 160.4 126.5 189.7

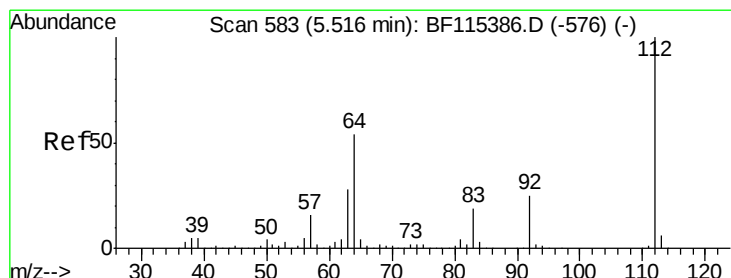
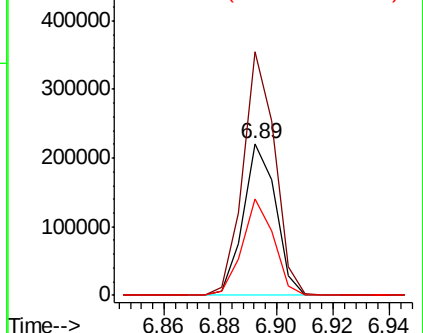
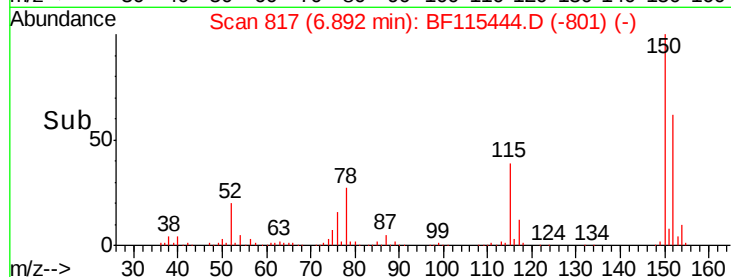
115 63.3 48.6 73.0



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: 71.962 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF115444.D

Acq: 9 Jul 2019 20:20

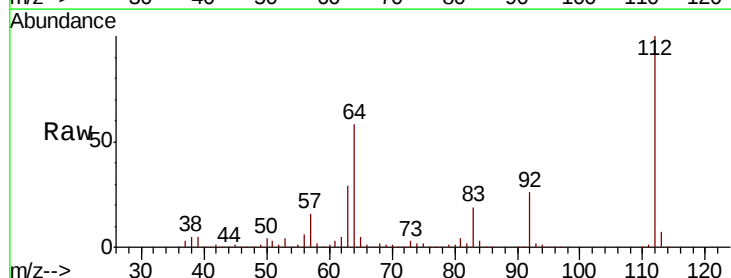
Tgt Ion:112 Resp: 824780

Ion Ratio Lower Upper

112 100

64 57.7 47.0 70.4

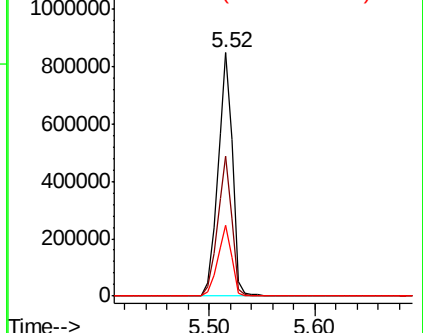
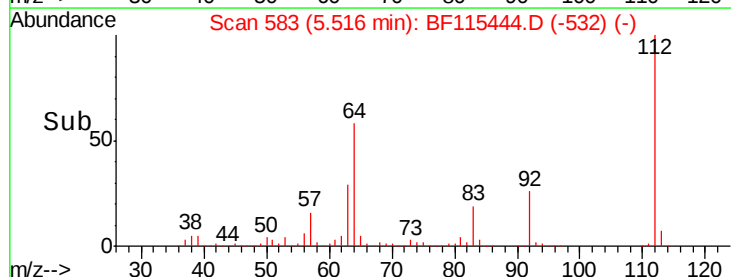
63 29.0 23.7 35.5

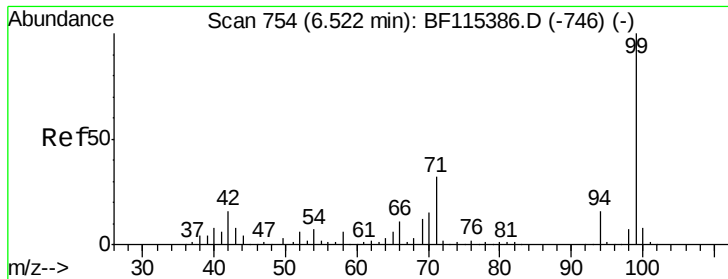


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 75.243 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115444.D

Acq: 9 Jul 2019 20:20

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-014-ABCD

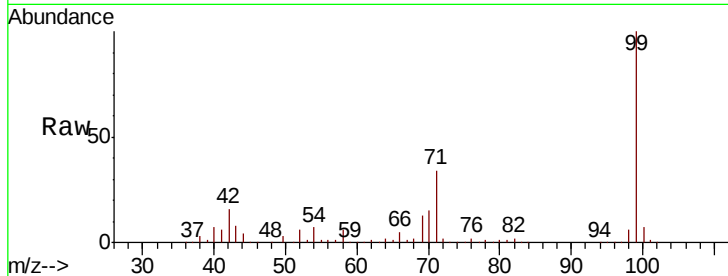
Tot Ion: 99 Resp: 1096770

Ion Ratio Lower Upper

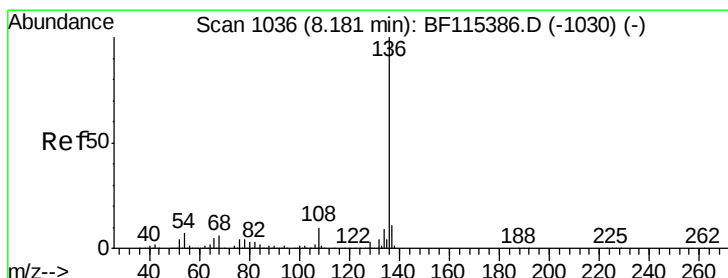
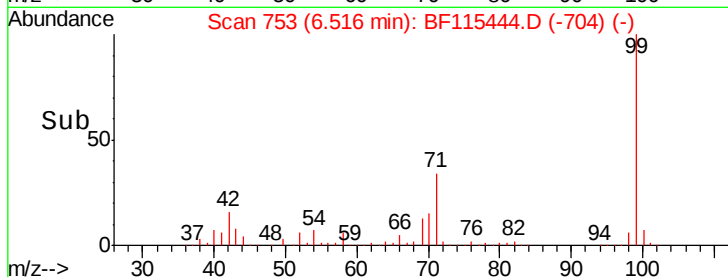
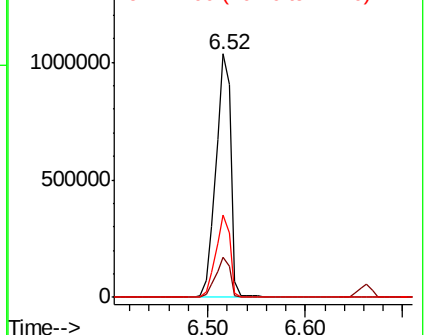
99 100

42 16.5 12.7 19.1

71 33.7 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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115444.D

Acq: 9 Jul 2019 20:20

Tgt Ion: 136 Resp: 688680

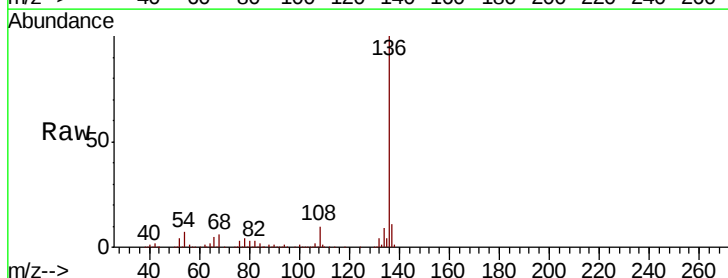
Ion Ratio Lower Upper

136 100

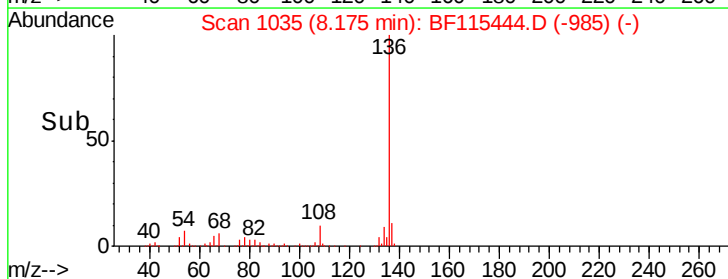
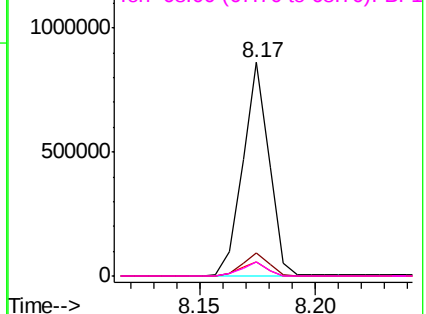
137 11.0 8.9 13.3

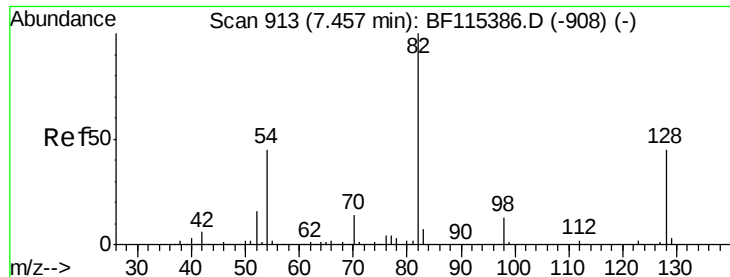
54 6.9 5.5 8.3

68 6.4 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

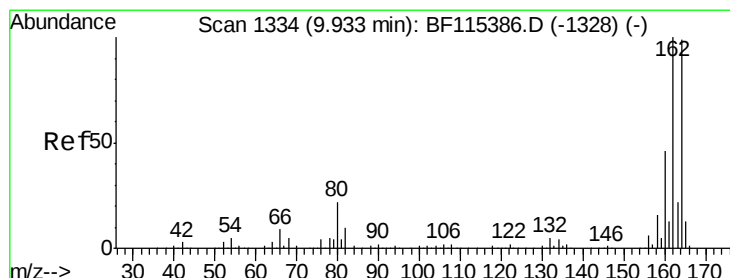
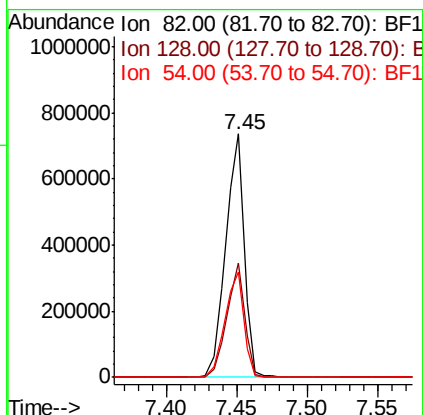
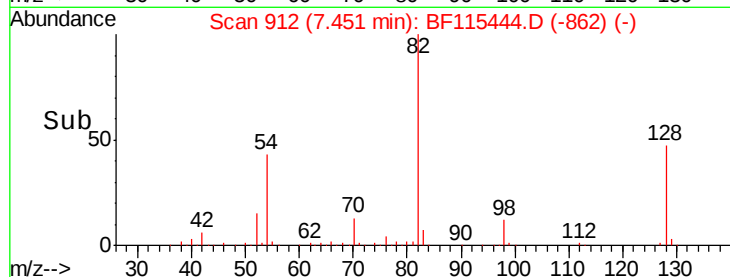
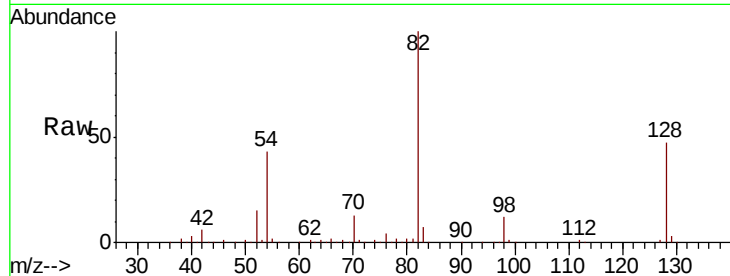




#23
 Nitrobenzene-d5
 Concen: 57.887 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115444.D
 Acq: 9 Jul 2019 20:20

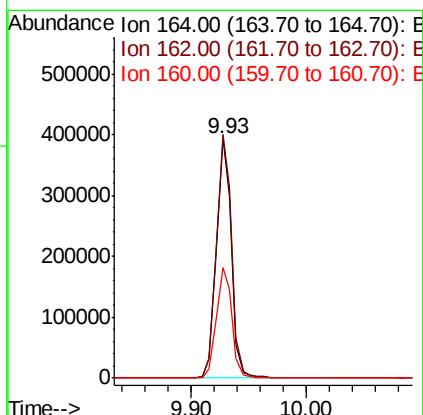
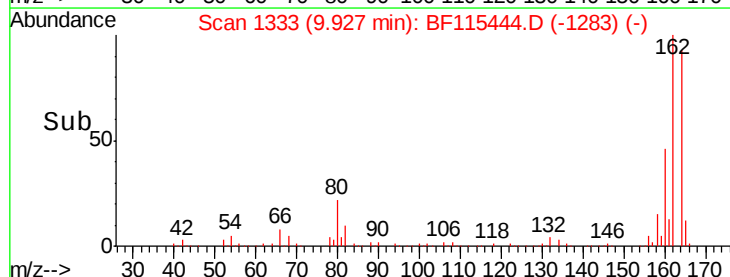
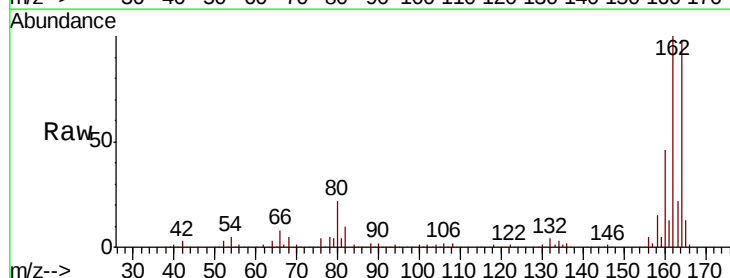
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-014-ABCD

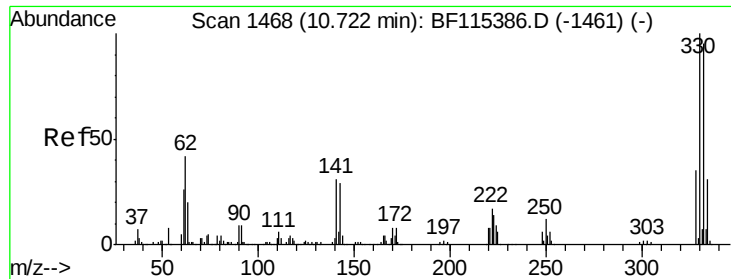
Tot Ion: 82 Resp: 674733
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.2 54.4
 54 43.5 35.4 53.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115444.D
 Acq: 9 Jul 2019 20:20

Tgt Ion: 164 Resp: 351780
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.5 122.3
 160 46.3 36.6 55.0

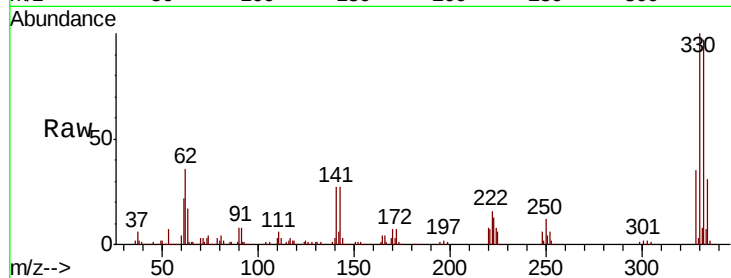




#42
 2,4,6-Tribromophenol
 Concen: 77.623 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115444.D
 Acq: 9 Jul 2019 20:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-014-ABCD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	31.7	25.1	37.7

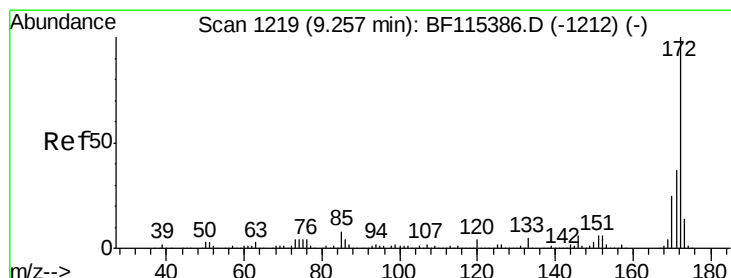
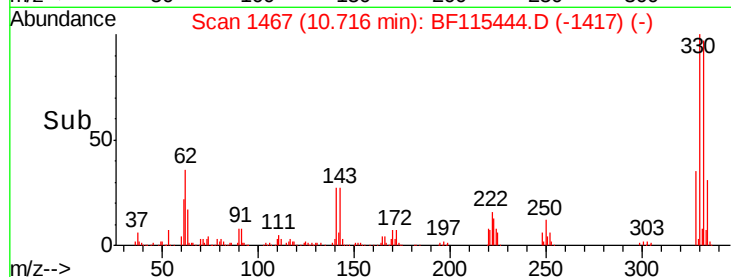
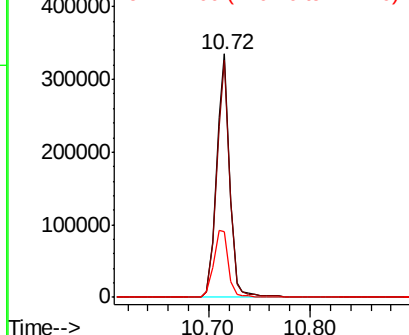


Abundance

Ion 329.80 (329.50 to 330.50): E

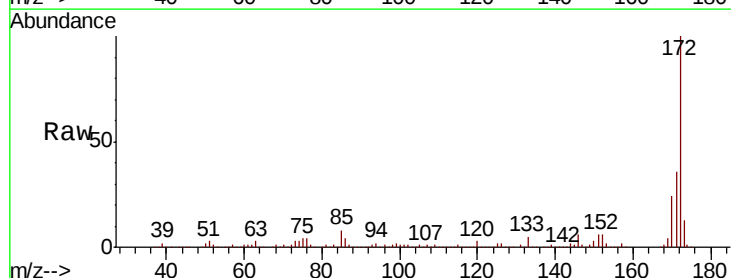
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 61.823 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115444.D
 Acq: 9 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.8
170	24.5	19.8	29.6

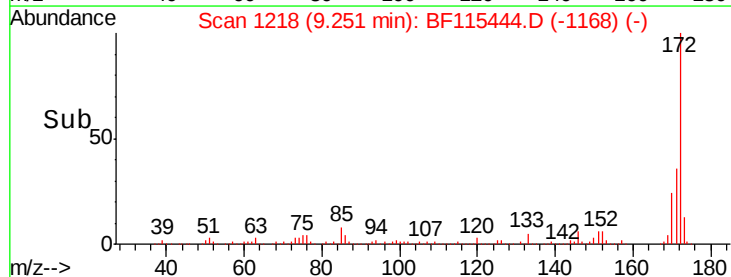
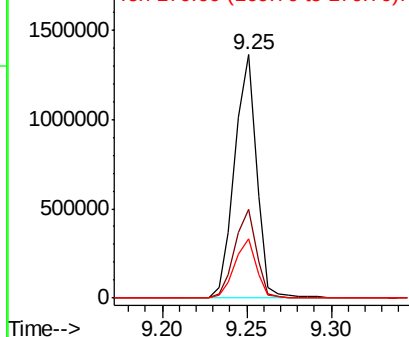


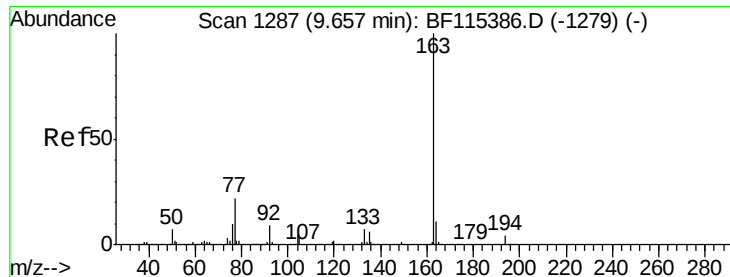
Abundance

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: 10.654 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115444.D

Acq: 9 Jul 2019 20:20

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-014-ABCD

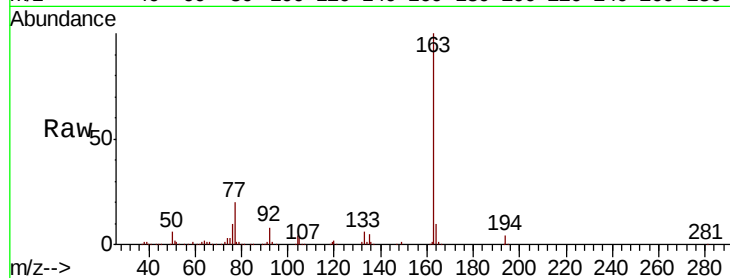
Tot Ion:163 Resp: 281307

Ion Ratio Lower Upper

163 100

194 3.6 3.3 4.9

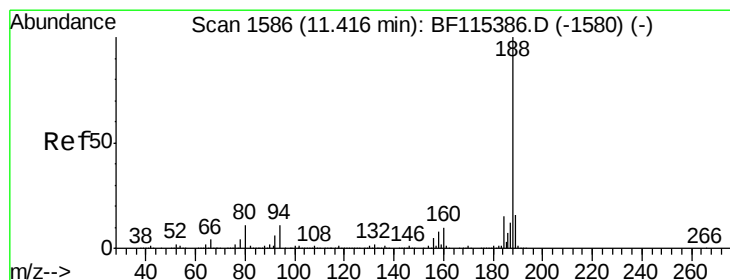
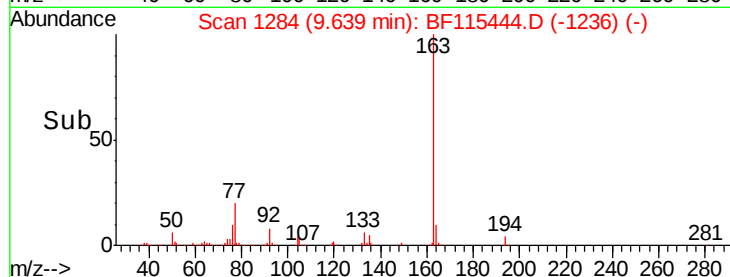
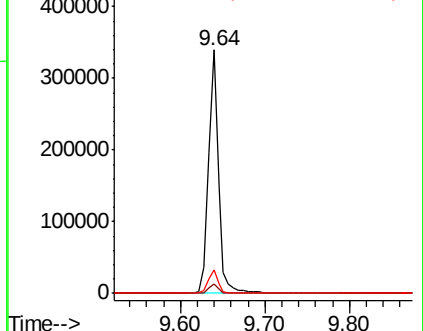
164 9.8 8.5 12.7



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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF115444.D

Acq: 9 Jul 2019 20:20

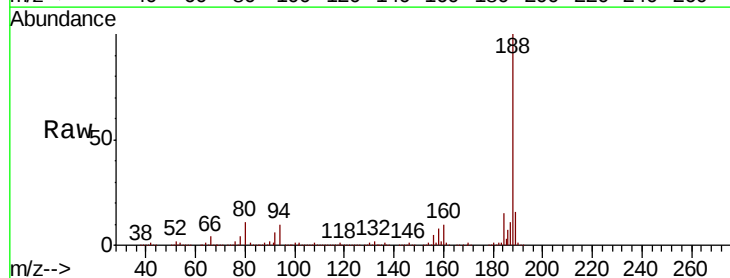
Tgt Ion:188 Resp: 677937

Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

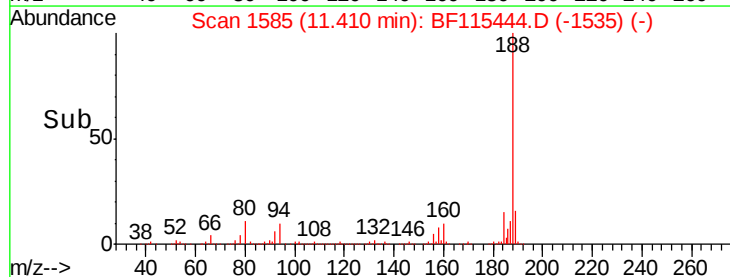
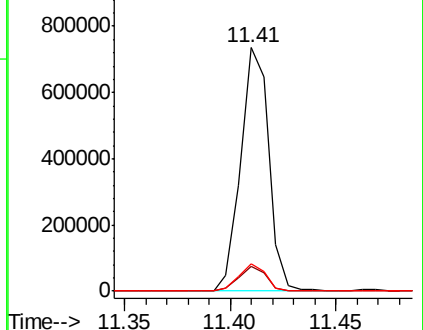
80 11.3 8.6 13.0

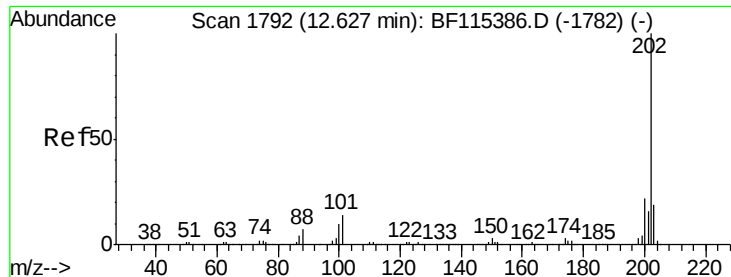


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.354 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BF115444.D

Acq: 9 Jul 2019 20:20

Instrument :

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ClientSampleId :

FK-EF-01-014-ABCD

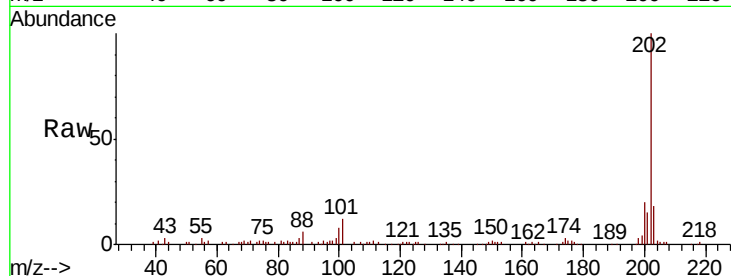
Tot Ion:202 Resp: 88371

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.8

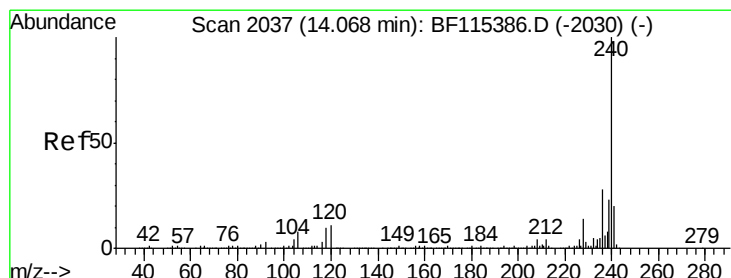
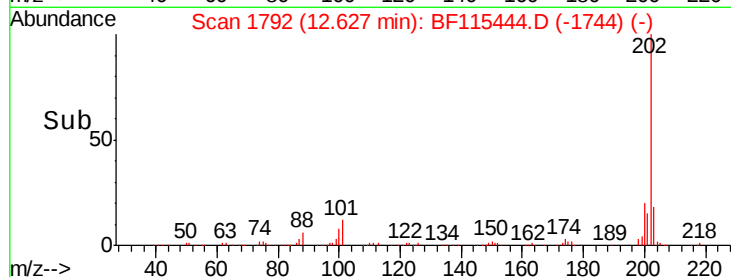
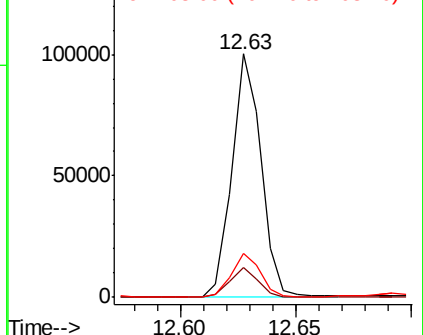
203 18.2 0.0 38.1



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: 14.16 min Scan# 2052

Delta R.T. -0.06 min

Lab File: BF115444.D

Acq: 9 Jul 2019 20:20

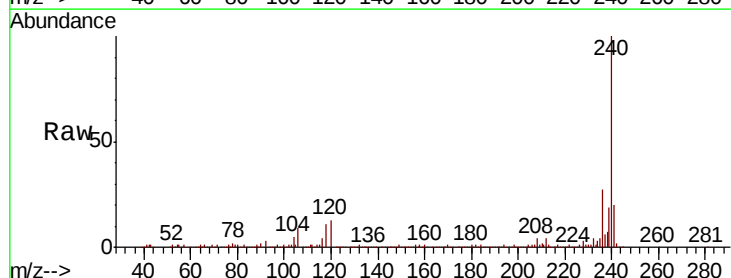
Tgt Ion:240 Resp: 394820

Ion Ratio Lower Upper

240 100

120 12.5 9.6 14.4

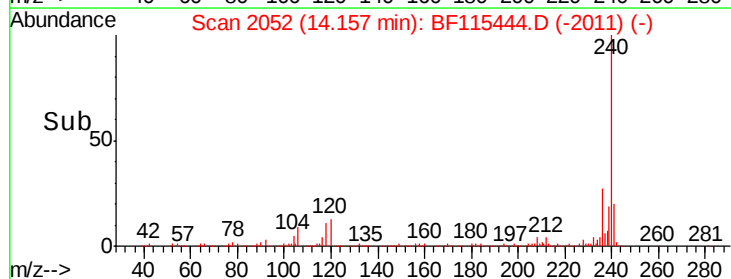
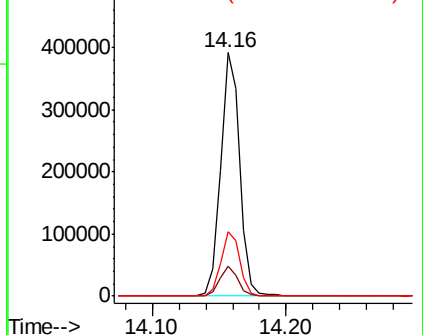
236 26.7 21.6 32.4

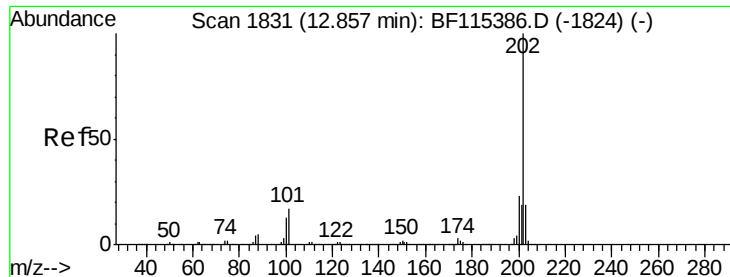


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

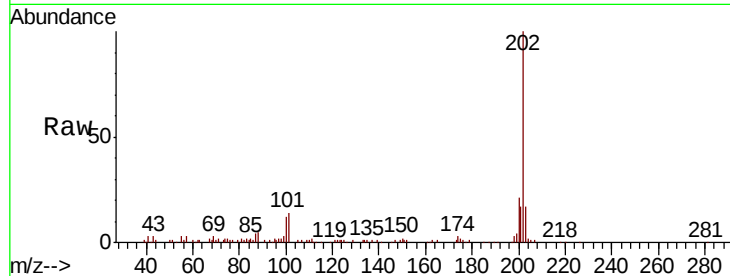




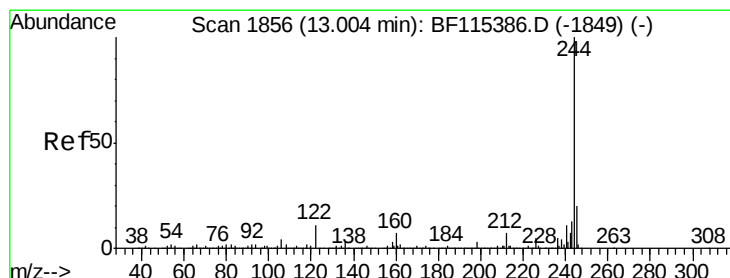
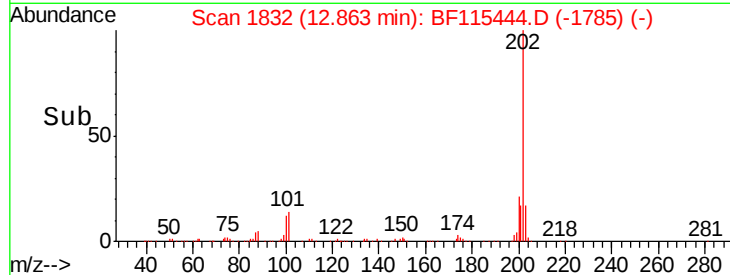
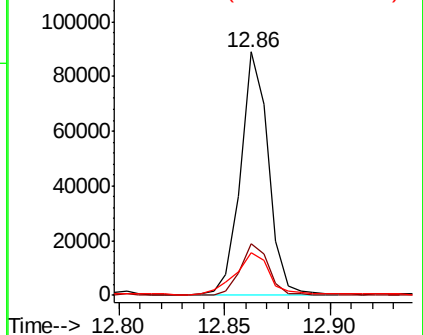
#78
Pvrene
Concen: 2.659 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF115444.D
Acq: 9 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-014-ABCD

Tot Ion:202 Resp: 81644
Ion Ratio Lower Upper
202 100
200 21.1 18.2 27.4
203 17.3 14.7 22.1

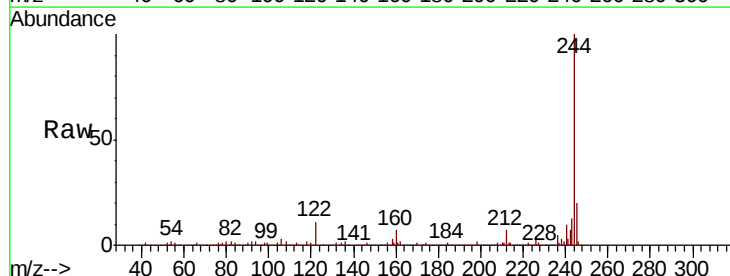


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

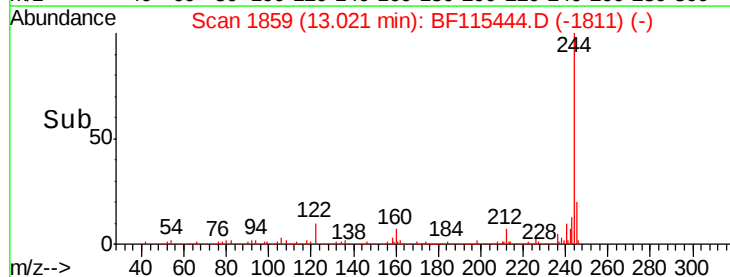
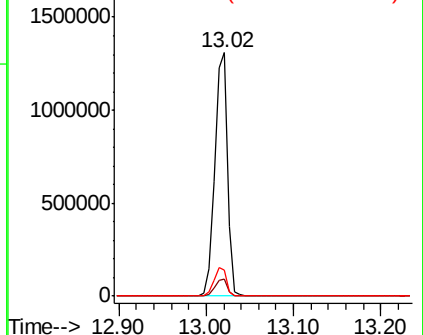


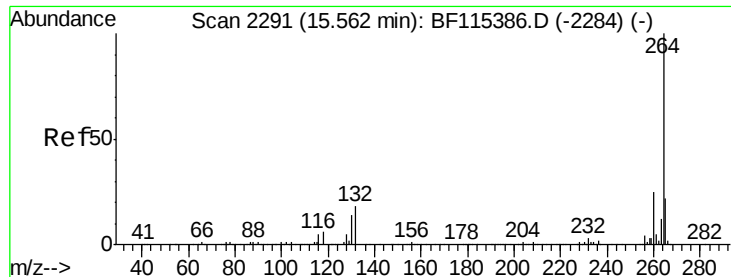
#79
Terphenyl-d14
Concen: 68.483 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.02 min
Lab File: BF115444.D
Acq: 9 Jul 2019 20:20

Tgt Ion:244 Resp: 1320551
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 10.5 9.3 13.9



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

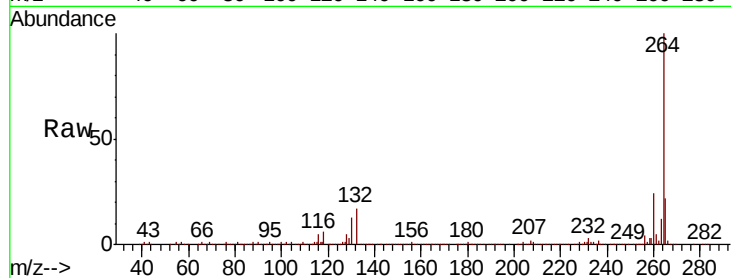




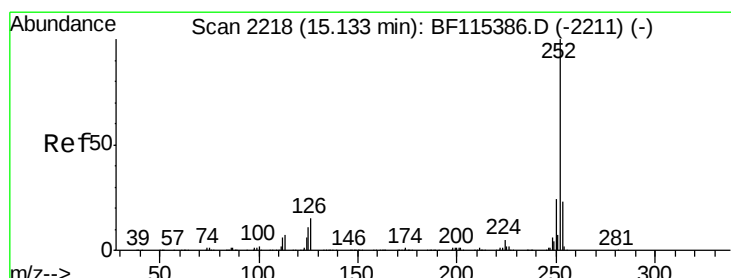
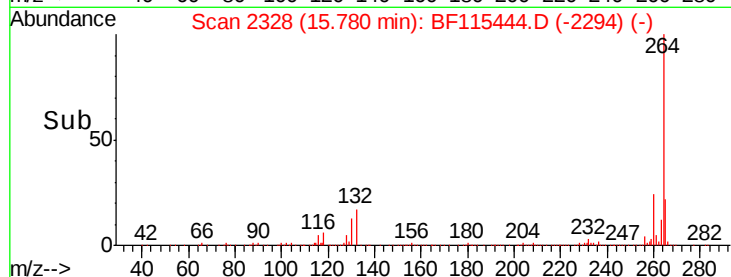
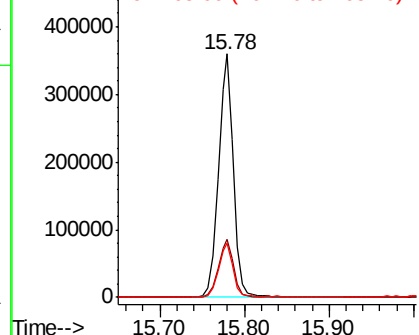
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2328
Delta R.T. -0.10 min
Lab File: BF115444.D
Acq: 9 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-014-ABCD

Tot Ion:264 Resp: 449758
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.1 17.2 25.8

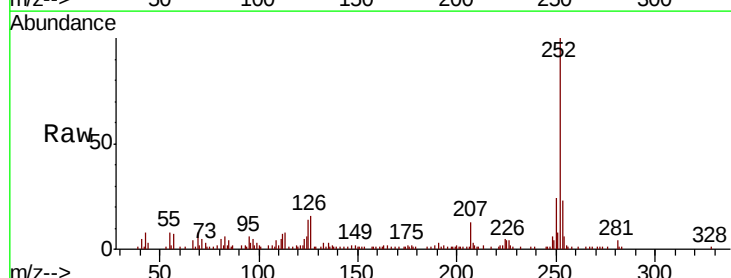


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 2.097 ng m
RT: 15.33 min Scan# 2252
Delta R.T. -0.10 min
Lab File: BF115444.D
Acq: 9 Jul 2019 20:20

Tgt Ion:252 Resp: 61417
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 13.6 9.0 13.6#



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

