

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
 Data File : BF115928.D
 Acq On : 2 Aug 2019 1:02
 Operator : HP/JU
 Sample : K4034-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-054

Quant Time: Aug 02 05:03:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

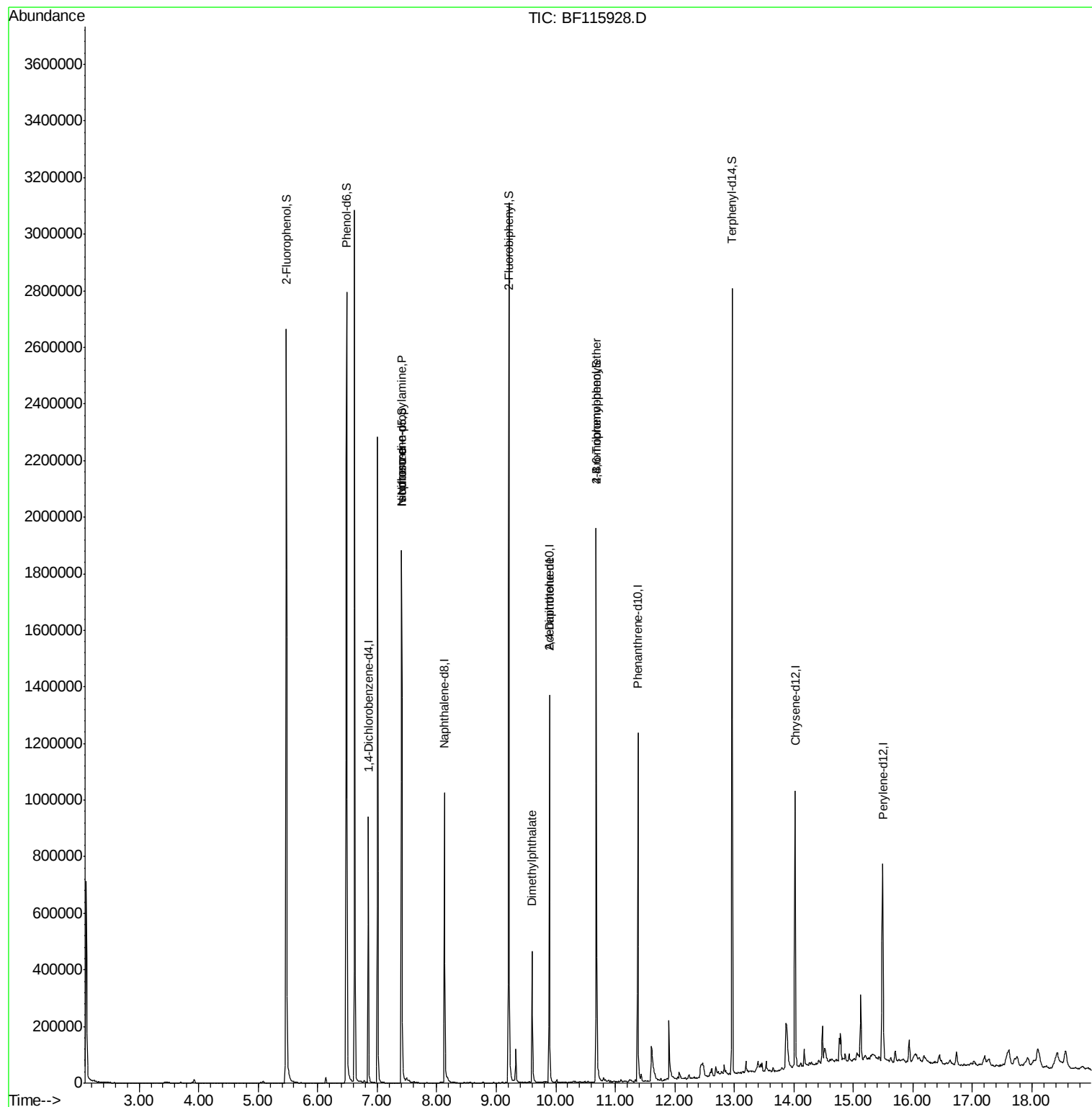
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	128948	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	506732	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	269824	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	454103	20.00	ng	0.00
76) Chrysene-d12	14.02	240	335676	20.00	ng	0.00
87) Perylene-d12	15.49	264	340993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	790747	102.66	ng	0.00
7) Phenol-d6	6.49	99	1029836	105.97	ng	0.00
23) Nitrobenzene-d5	7.41	82	640264	72.93	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	261460	99.95	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	964479	66.95	ng	0.00
79) Terphenyl-d14	12.96	244	914306	57.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	84486	14.029	ng	# 78
25) Isophorone	7.41	82	640258	38.142	ng	# 66
50) Dimethylphthalate	9.60	163	194128	10.567	ng	99
57) 2,4-Dinitrotoluene	9.89	165	34585	6.506	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	15967	3.285	ng	# 1

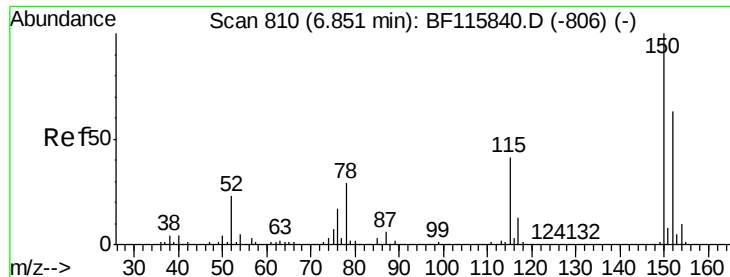
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF115928.D

Acq: 2 Aug 2019 1:02

Instrument :

BNA_F

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FK-PS-01-054

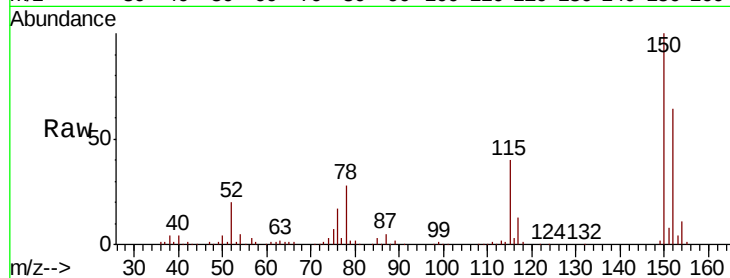
Tgt Ion:152 Resp: 128948

Ion Ratio Lower Upper

152 100

150 155.3 127.4 191.0

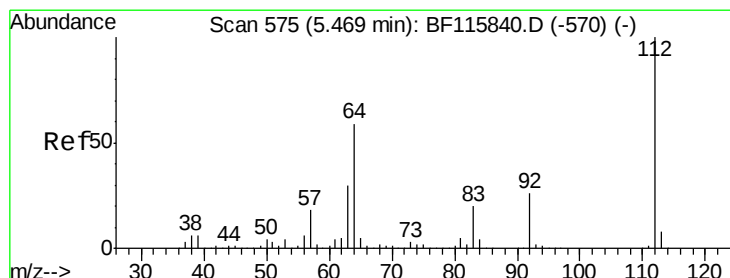
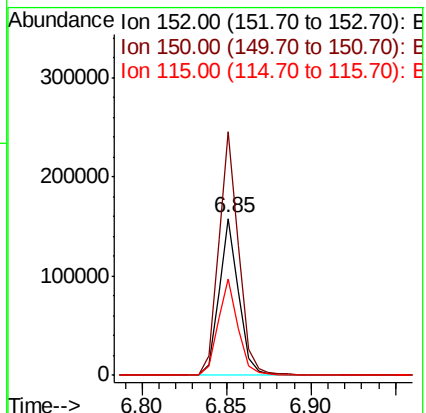
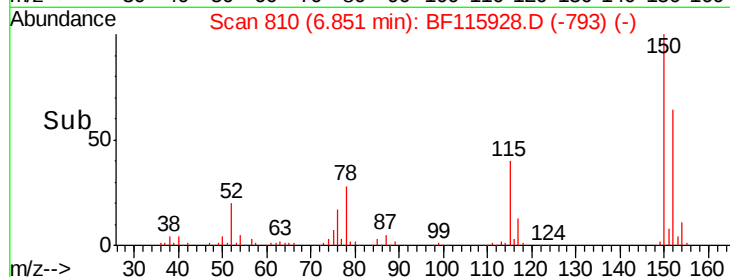
115 61.6 51.8 77.8



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: 102.658 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115928.D

Acq: 2 Aug 2019 1:02

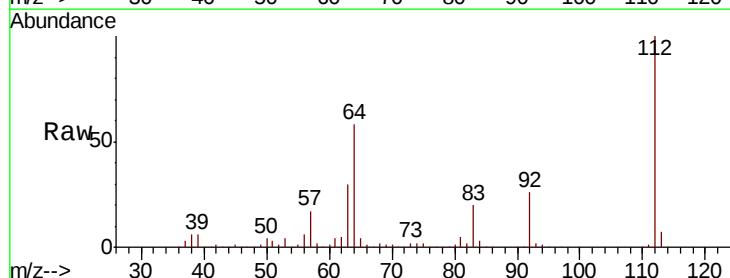
Tgt Ion:112 Resp: 790747

Ion Ratio Lower Upper

112 100

64 57.8 46.8 70.2

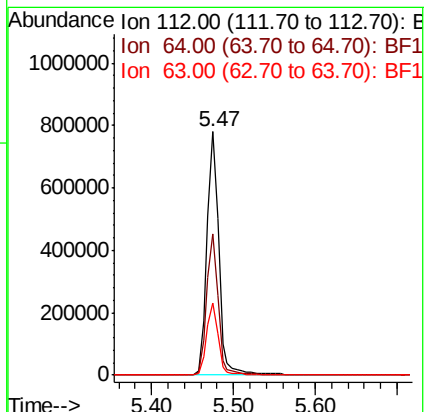
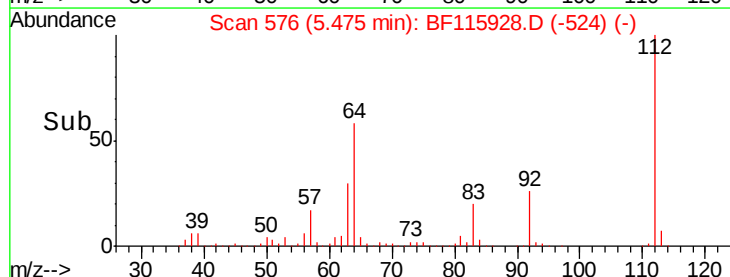
63 29.9 24.2 36.2



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: 105.969 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115928.D

Acq: 2 Aug 2019 1:02

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-054

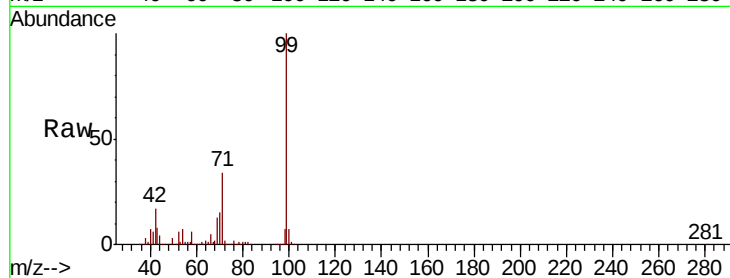
Tgt Ion: 99 Resp: 1029836

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.6

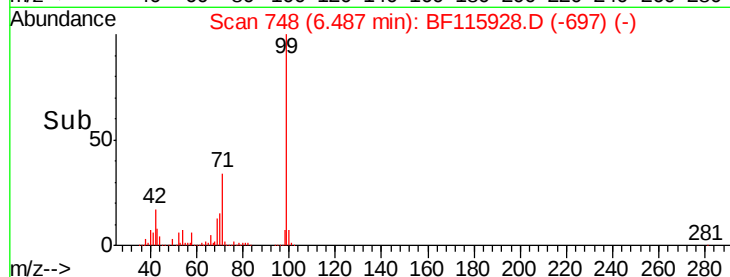
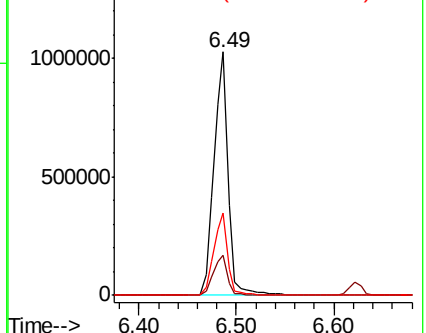
71 33.7 27.1 40.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.029 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF115928.D

Acq: 2 Aug 2019 1:02

Tgt Ion: 70 Resp: 84486

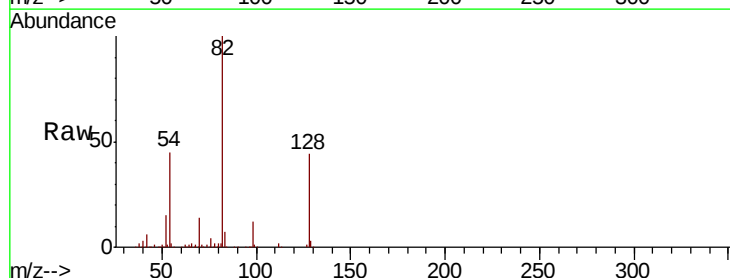
Ion Ratio Lower Upper

70 100

42 43.6 41.8 62.8

101 0.0 7.7 11.5#

130 2.4 17.8 26.6#

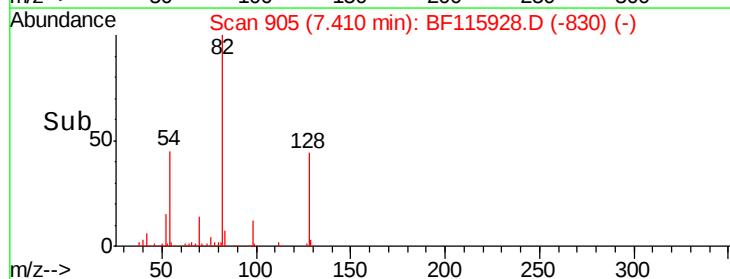
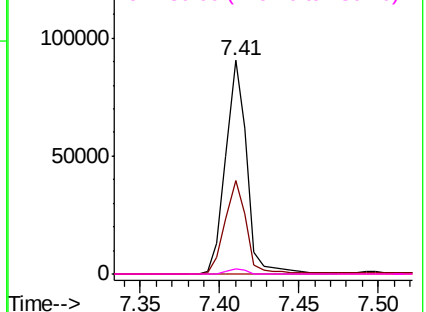


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

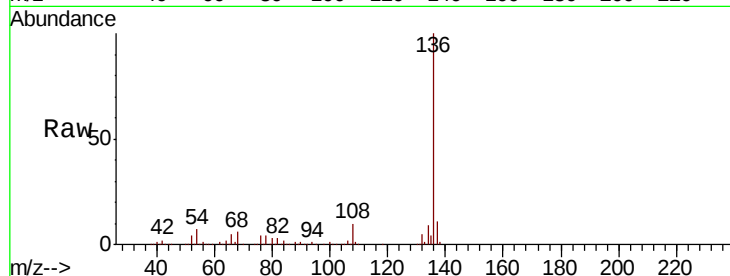




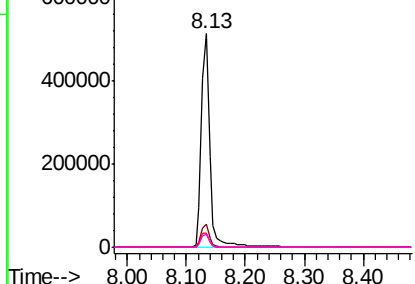
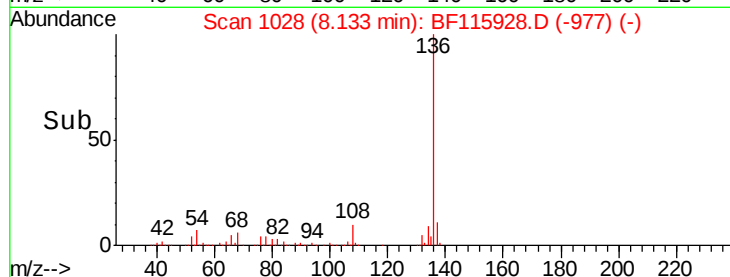
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115928.D
Acq: 2 Aug 2019 1:02

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-054

Tgt Ion:	136	Resp:	506732
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.8	6.1	9.1
68	6.0	5.4	8.2

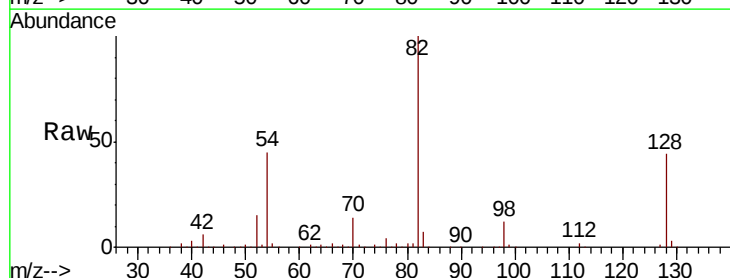


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

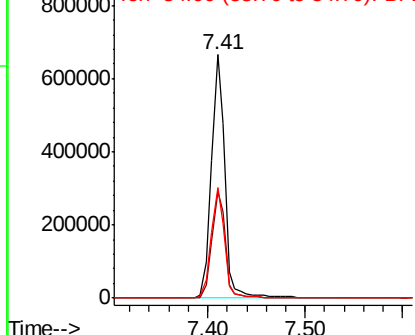
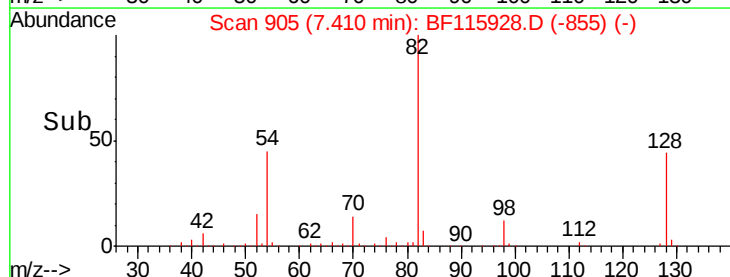


#23
Nitrobenzene-d5
Concen: 72.934 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115928.D
Acq: 2 Aug 2019 1:02

Tgt Ion:	82	Resp:	640264
Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.6	55.0
54	45.4	36.6	55.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.142 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF115928.D

Acq: 2 Aug 2019 1:02

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-054

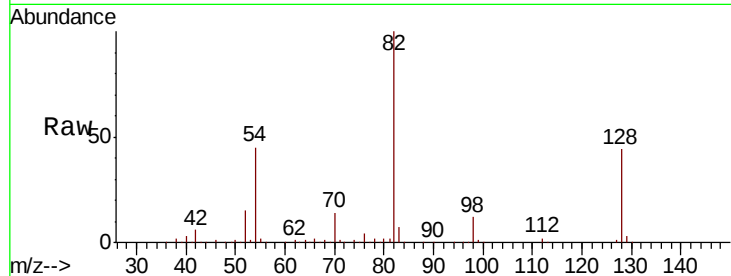
Tgt Ion: 82 Resp: 640258

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

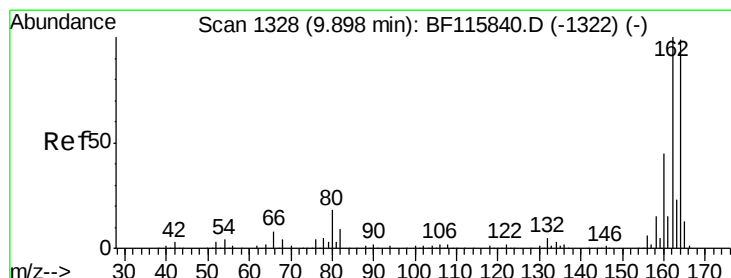
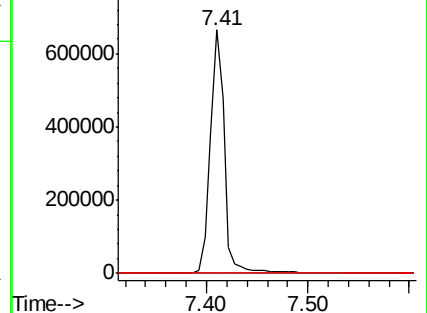
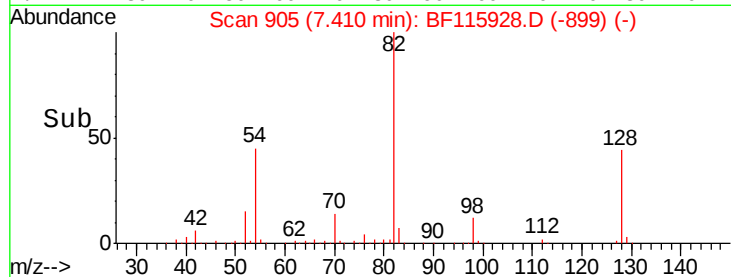
138 0.0 13.9 20.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115928.D

Acq: 2 Aug 2019 1:02

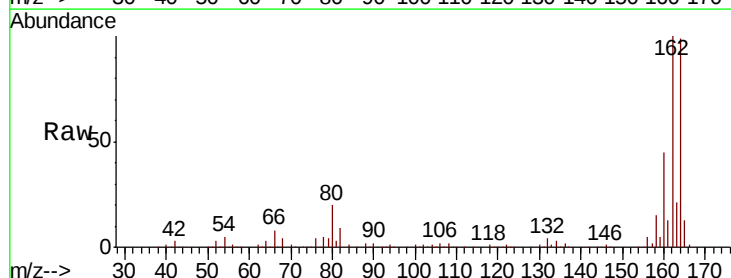
Tgt Ion: 164 Resp: 269824

Ion Ratio Lower Upper

164 100

162 101.3 80.8 121.2

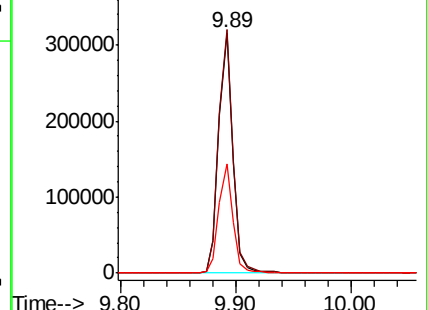
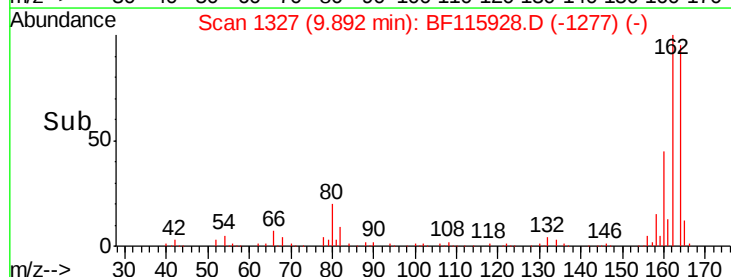
160 45.7 36.2 54.4

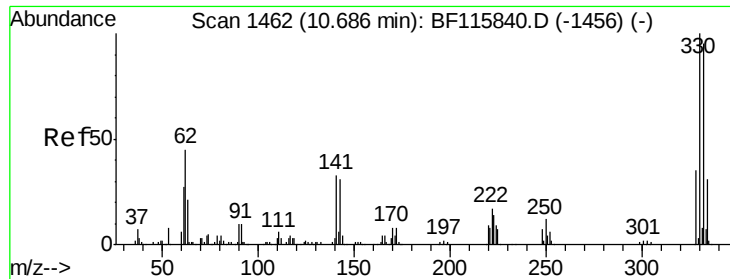


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

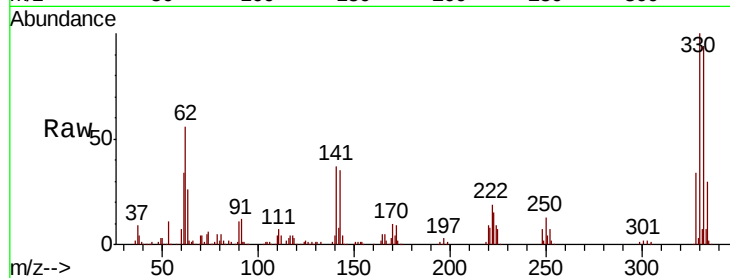




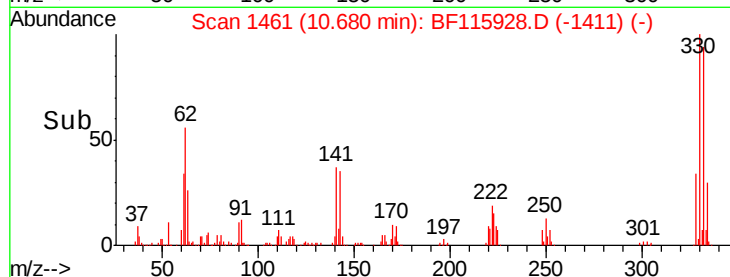
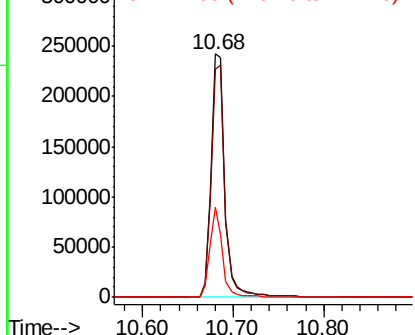
#42
 2,4,6-Tribromophenol
 Concen: 99.946 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF115928.D
 Acq: 2 Aug 2019 1:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-054

Tgt Ion:330 Resp: 261460
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.7 116.5
 141 34.3 28.1 42.1

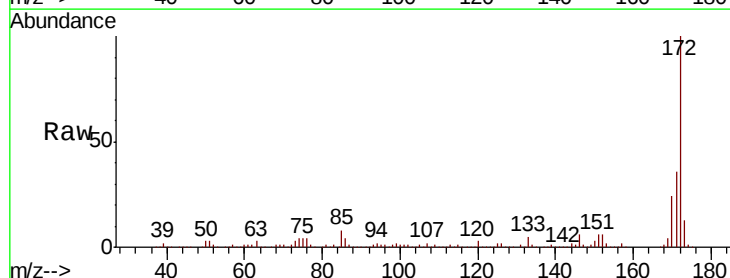


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

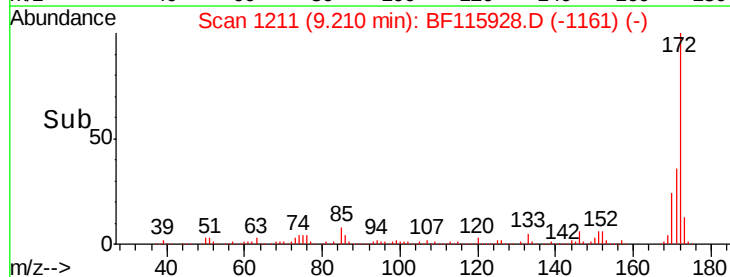
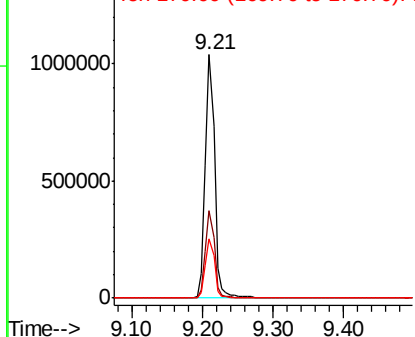


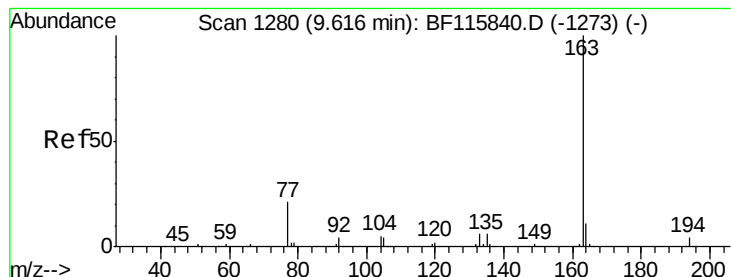
#45
 2-Fluorobiphenyl
 Concen: 66.953 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF115928.D
 Acq: 2 Aug 2019 1:02

Tgt Ion:172 Resp: 964479
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.1 43.7
 170 24.4 20.1 30.1



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: 10.567 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115928.D

Acq: 2 Aug 2019 1:02

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-054

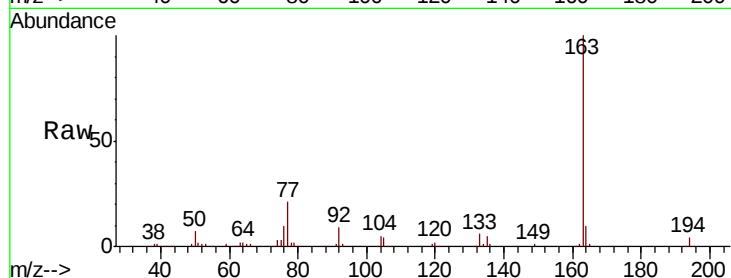
Tgt Ion:163 Resp: 194128

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

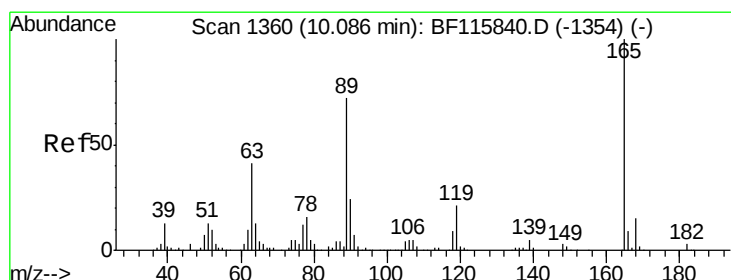
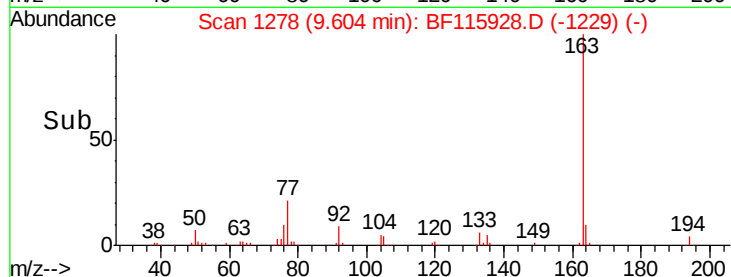
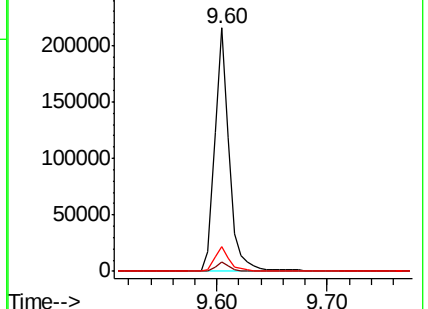
164 10.0 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 6.506 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115928.D

Acq: 2 Aug 2019 1:02

Tgt Ion:165 Resp: 34585

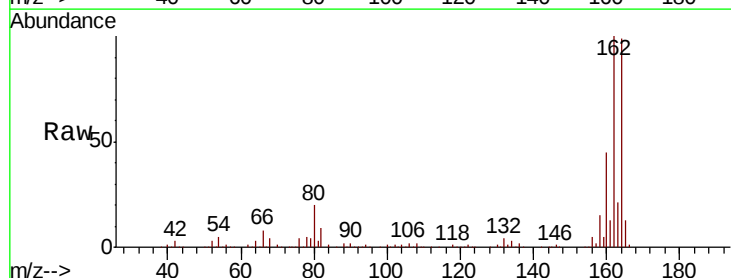
Ion Ratio Lower Upper

165 100

63 1.3 33.2 49.8#

89 1.4 57.3 85.9#

182 0.0 2.1 3.1#

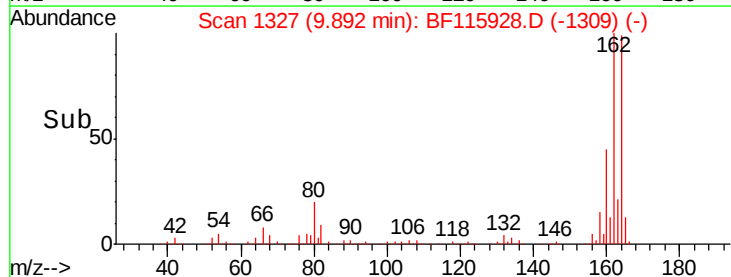
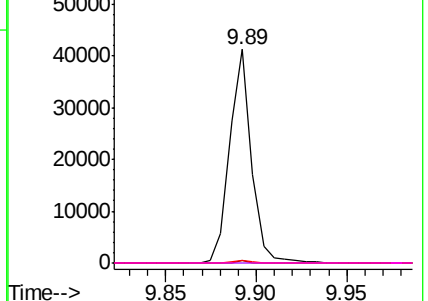


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

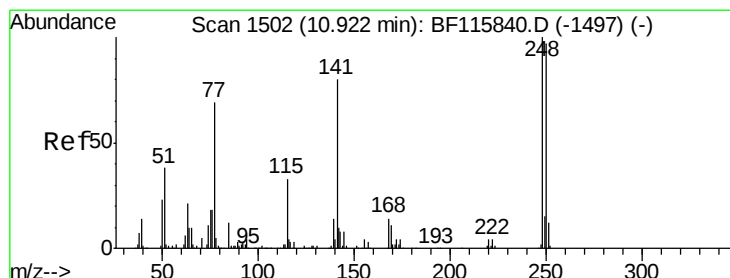
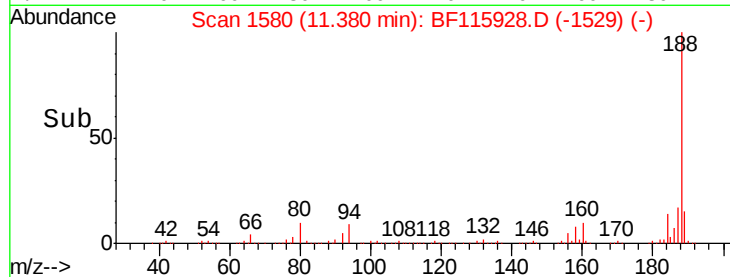
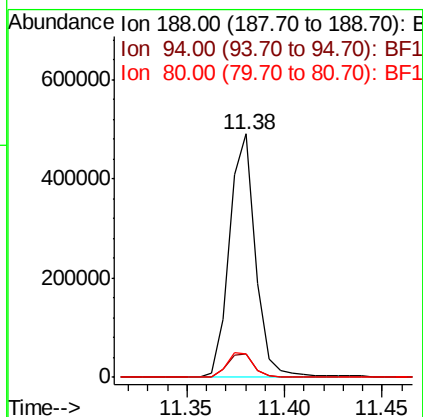
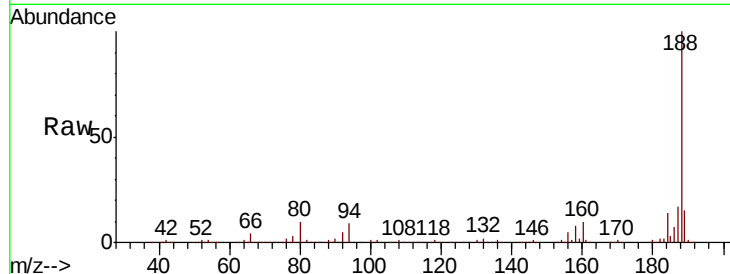




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115928.D
 Acq: 2 Aug 2019 1:02

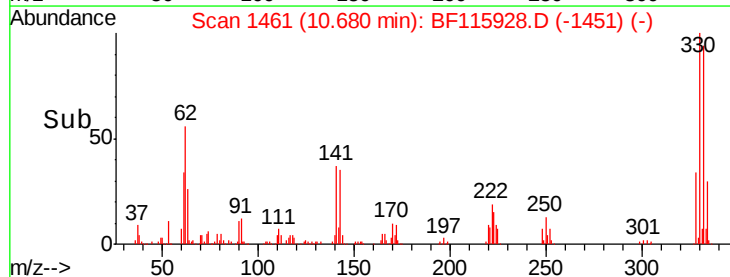
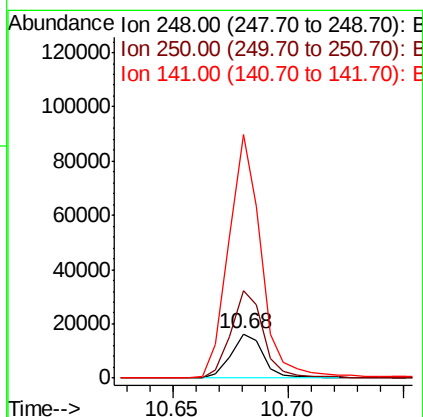
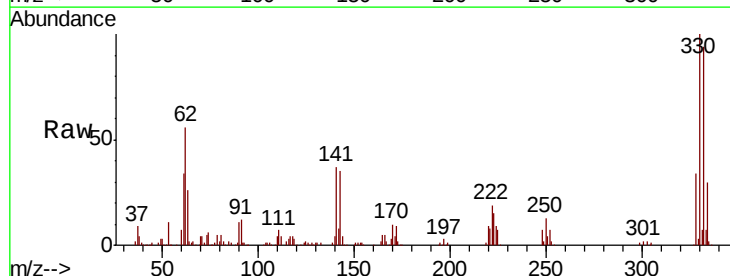
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-054

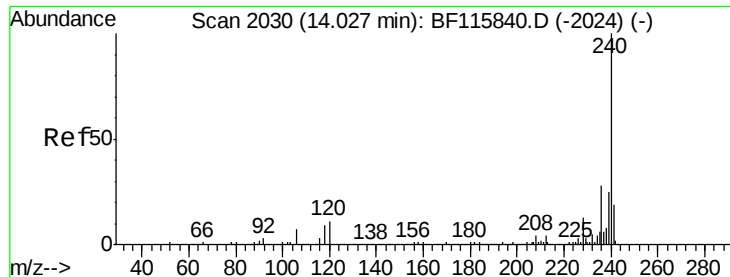
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	9.9	8.6	12.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.285 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF115928.D
 Acq: 2 Aug 2019 1:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	197.9	77.8	116.6#
141	548.5	64.3	96.5#

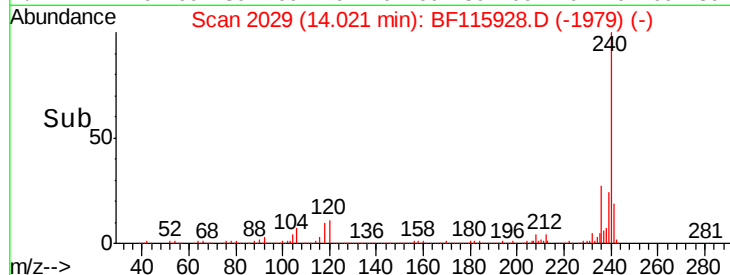
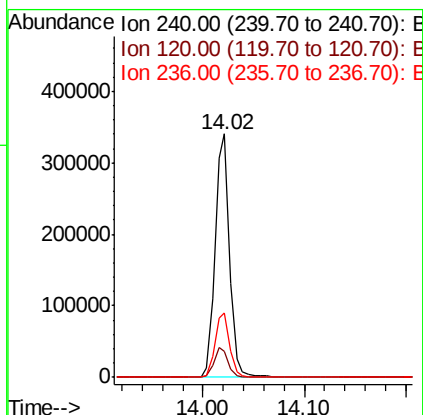
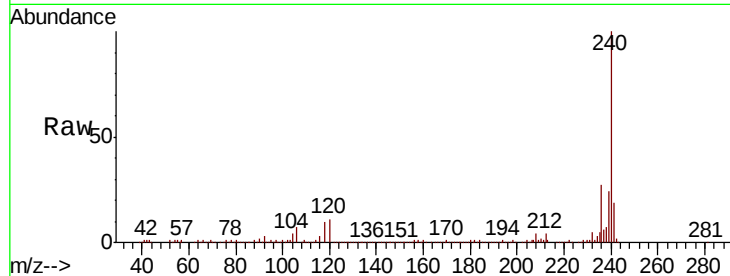




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115928.D
Acq: 2 Aug 2019 1:02

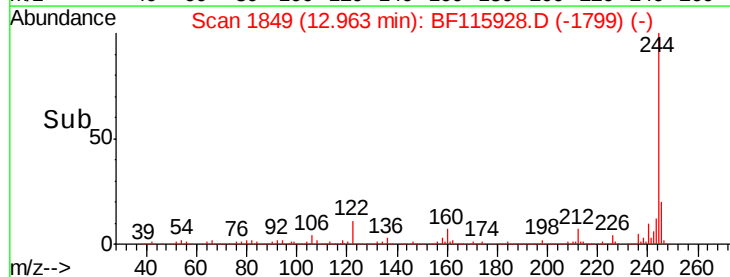
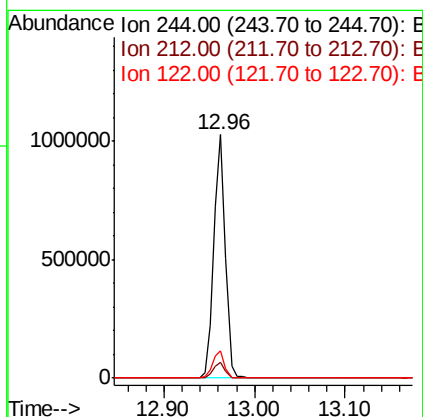
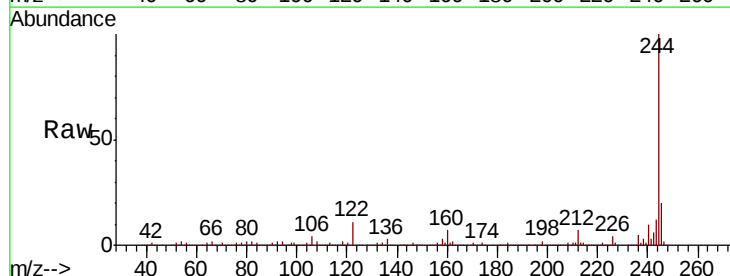
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-054

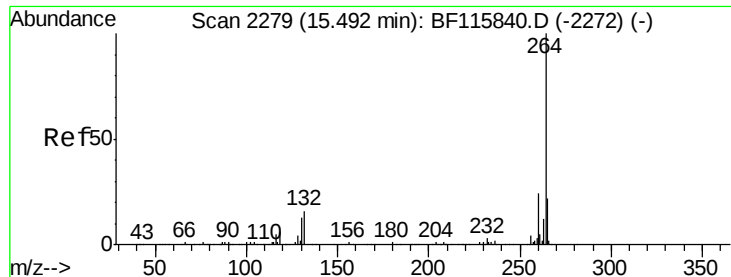
Tgt Ion:240 Resp: 335676
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 26.6 22.2 33.2



#79
Terphenyl-d14
Concen: 57.394 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115928.D
Acq: 2 Aug 2019 1:02

Tgt Ion:244 Resp: 914306
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 11.2 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115928.D
Acq: 2 Aug 2019 1:02

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-054

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.0	17.5	26.3

