

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
 Data File : BF115881.D
 Acq On : 31 Jul 2019 22:06
 Operator : HP/JU
 Sample : K4034-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 01 04:59:12 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

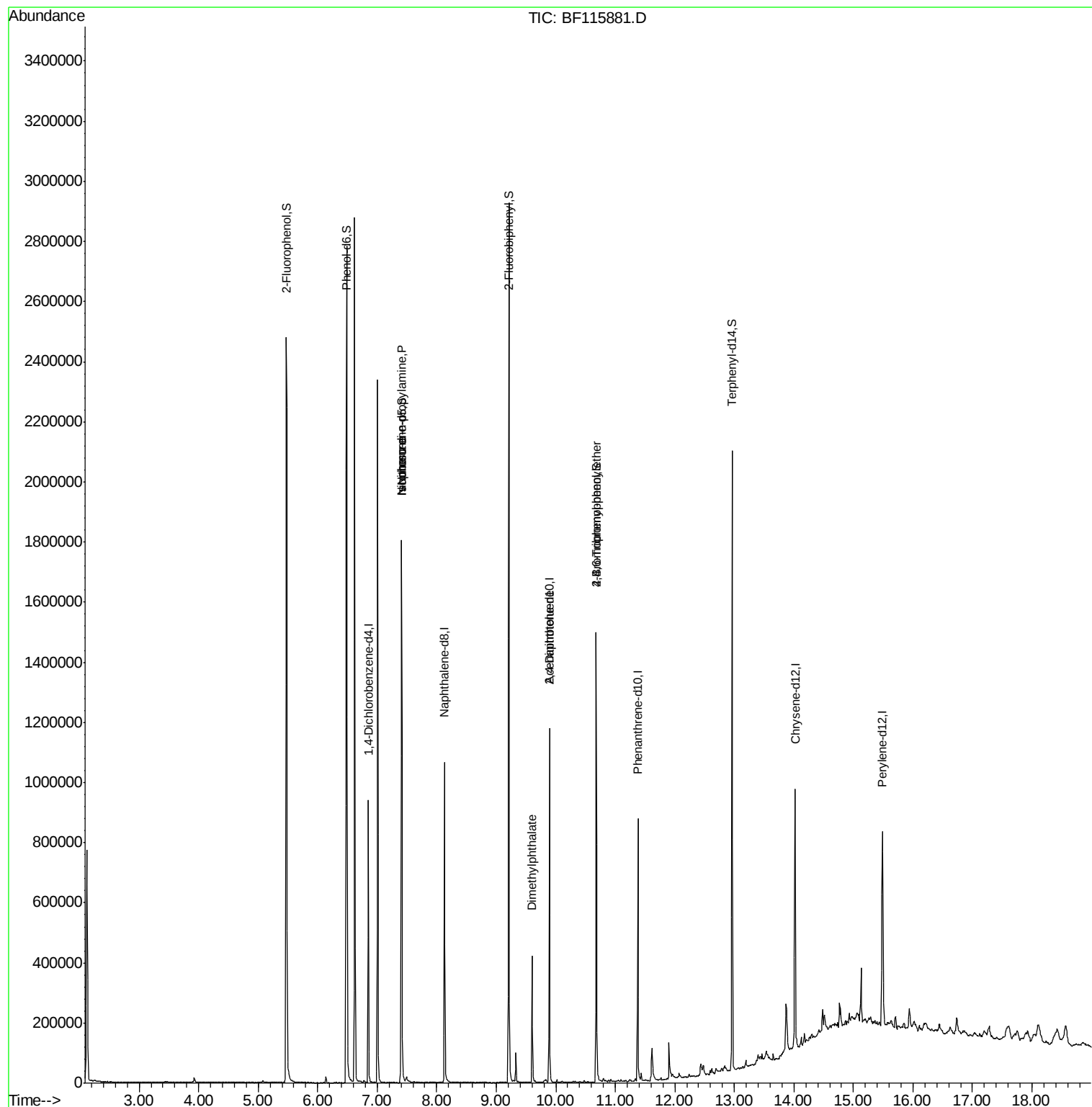
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	126596	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	466873	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	221048	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	319158	20.00	ng	0.00
76) Chrysene-d12	14.02	240	295483	20.00	ng	0.00
87) Perylene-d12	15.49	264	319016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	758357	100.28	ng	0.00
7) Phenol-d6	6.49	99	978109	102.52	ng	0.00
23) Nitrobenzene-d5	7.41	82	583079	72.09	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	171898	80.21	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	849593	71.99	ng	0.00
79) Terphenyl-d14	12.96	244	658783	46.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	77609	13.127	ng	Qvalue # 78
25) Isophorone	7.41	82	583071	37.701	ng	# 66
50) Dimethylphthalate	9.60	163	156901	10.425	ng	99
57) 2,4-Dinitrotoluene	9.89	165	27845	6.394	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	10786	3.157	ng	# 1

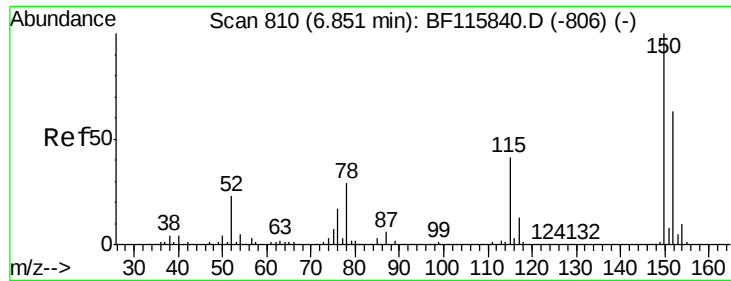
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
Data File : BF115881.D
Acq On : 31 Jul 2019 22:06
Operator : HP/JU
Sample : K4034-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 01 04:59:12 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

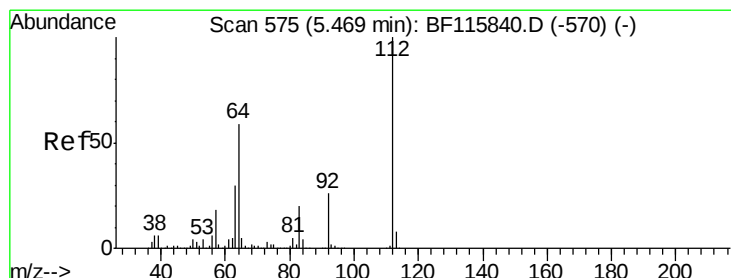
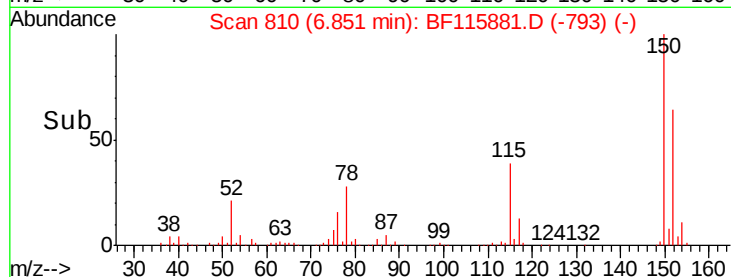
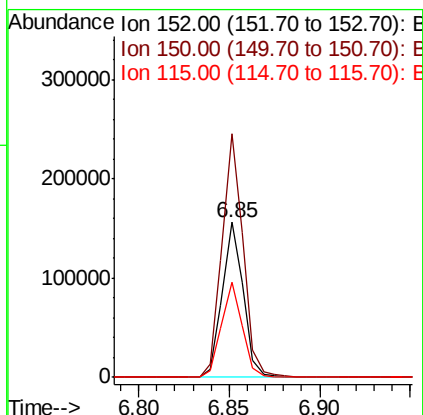
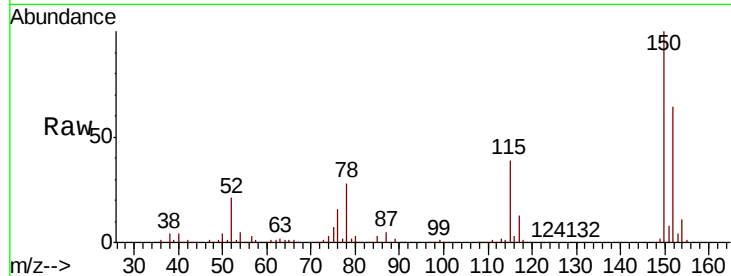




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115881.D
 Acq: 31 Jul 2019 22:06

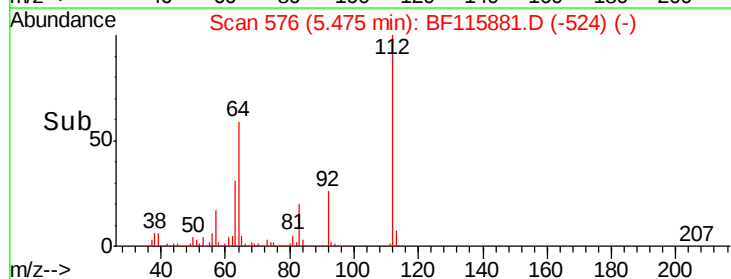
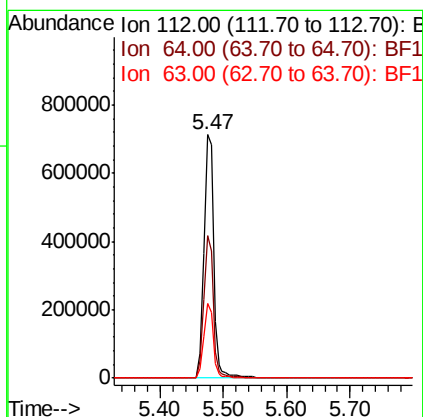
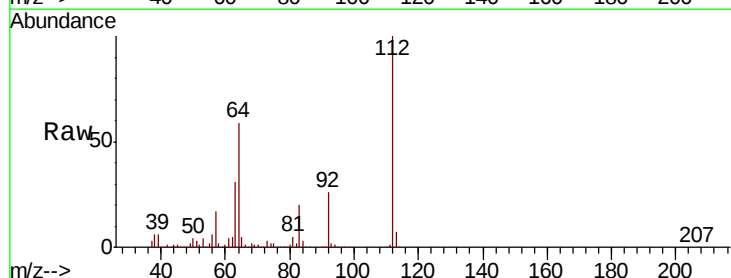
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-054

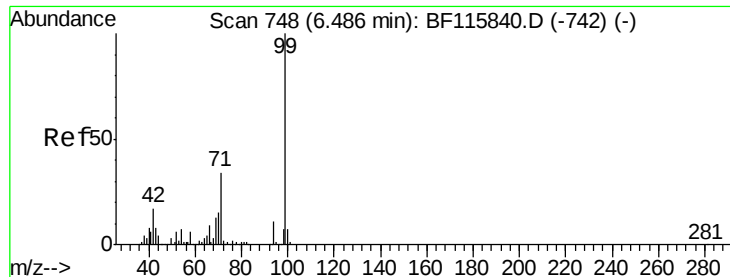
Tgt Ion:152 Resp: 126596
 Ion Ratio Lower Upper
 152 100
 150 156.9 127.4 191.0
 115 61.4 51.8 77.8



#5
 2-Fluorophenol
 Concen: 100.283 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF115881.D
 Acq: 31 Jul 2019 22:06

Tgt Ion:112 Resp: 758357
 Ion Ratio Lower Upper
 112 100
 64 58.7 46.8 70.2
 63 30.7 24.2 36.2





#7

Phenol-d6

Concen: 102.516 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115881.D

Acq: 31 Jul 2019 22:06

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-054

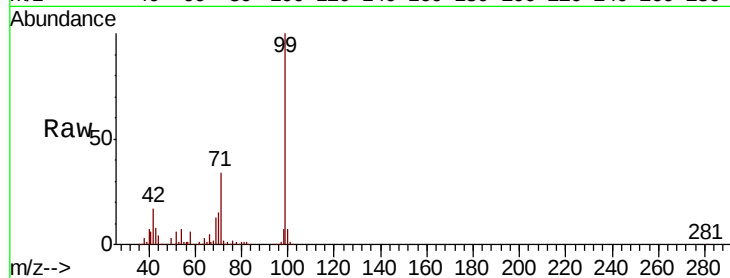
Tgt Ion: 99 Resp: 978109

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.6

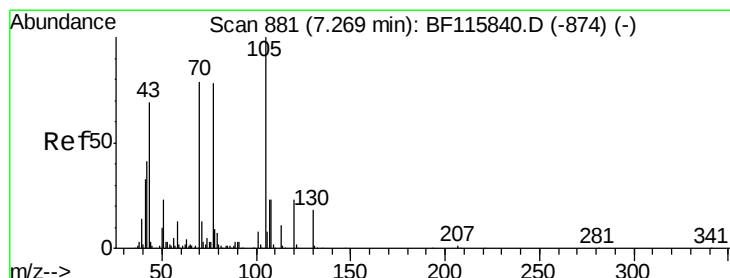
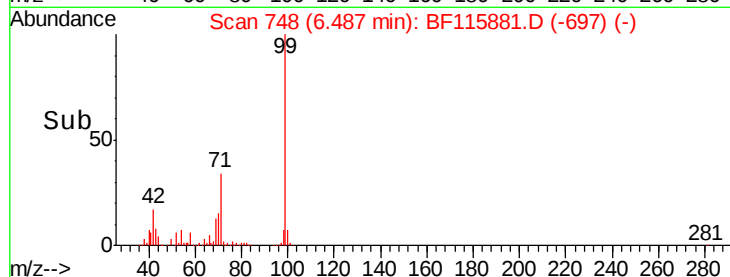
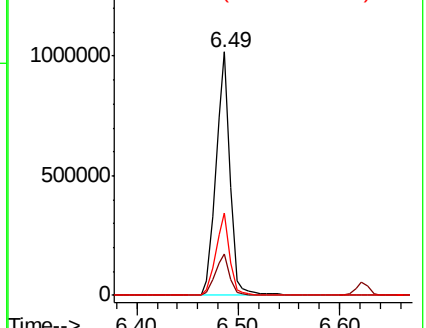
71 33.9 27.1 40.7



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: 13.127 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF115881.D

Acq: 31 Jul 2019 22:06

Tgt Ion: 70 Resp: 77609

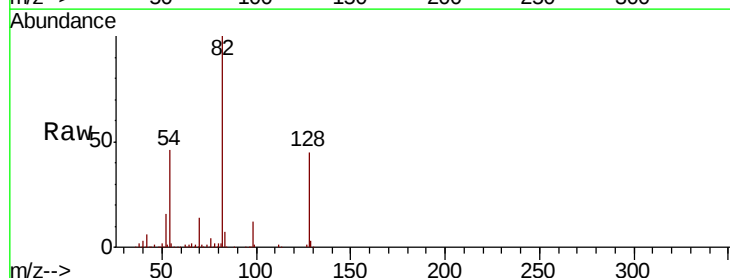
Ion Ratio Lower Upper

70 100

42 43.6 41.8 62.8

101 0.0 7.7 11.5#

130 2.2 17.8 26.6#

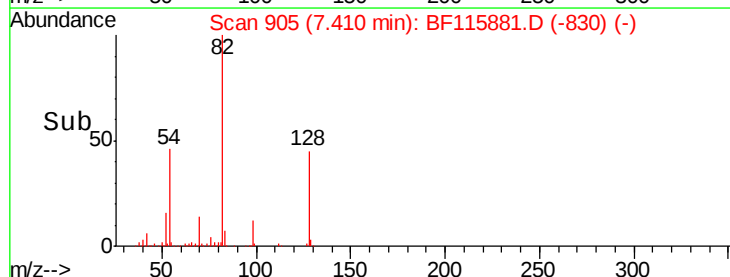
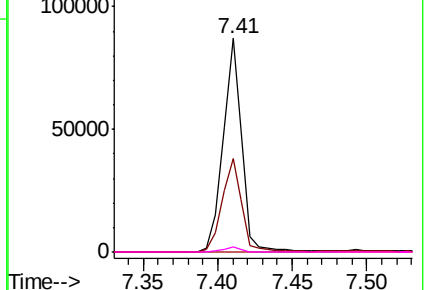


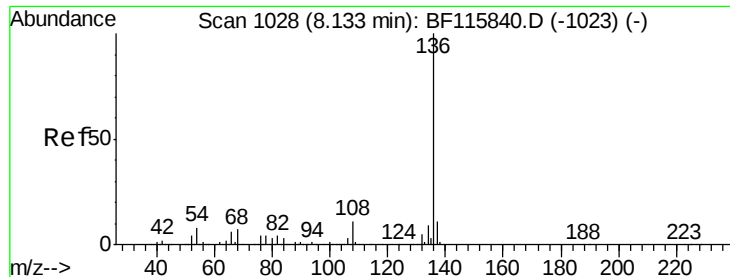
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

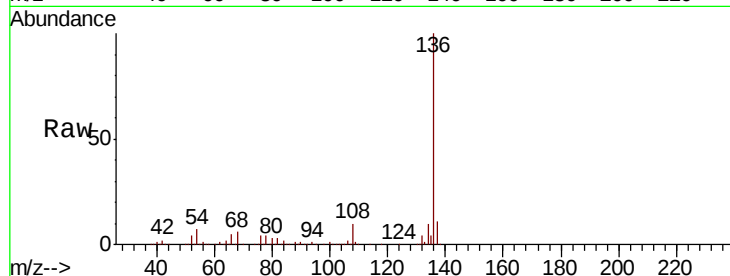




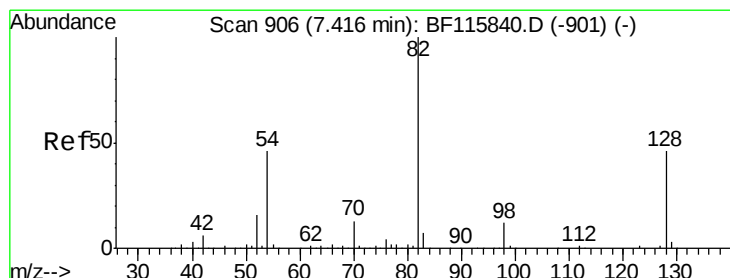
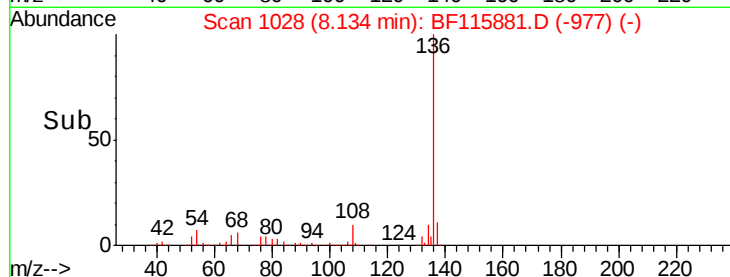
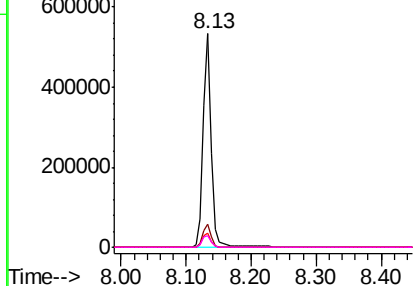
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115881.D
Acq: 31 Jul 2019 22:06

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

Tgt Ion:	136	Resp:	466873
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.8	6.1	9.1
68	5.7	5.4	8.2

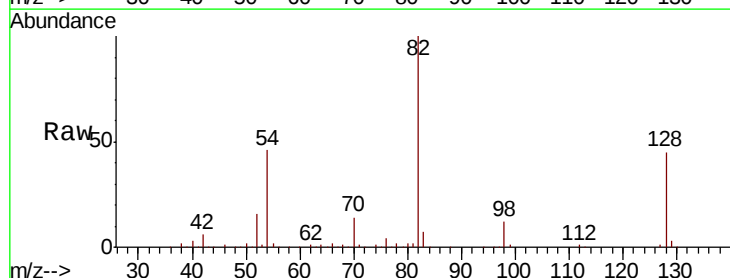


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

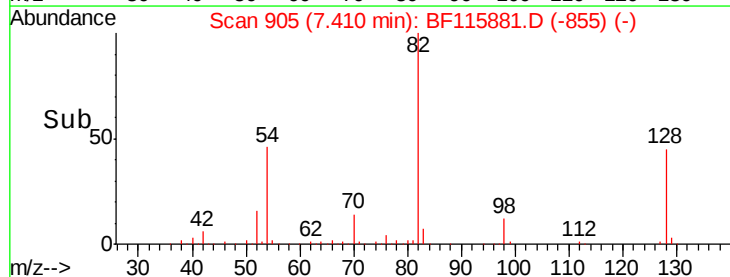
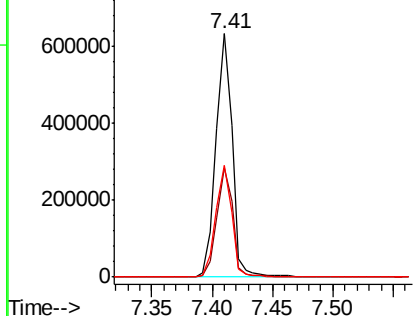


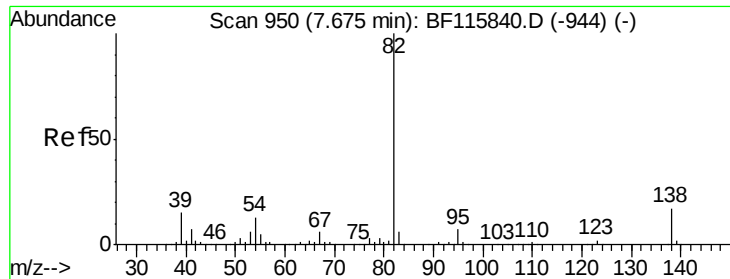
#23
Nitrobenzene-d5
Concen: 72.091 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115881.D
Acq: 31 Jul 2019 22:06

Tgt Ion:	82	Resp:	583079
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.6	55.0
54	46.0	36.6	55.0



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





#25

Isophorone

Concen: 37.701 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF115881.D

Acq: 31 Jul 2019 22:06

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-054

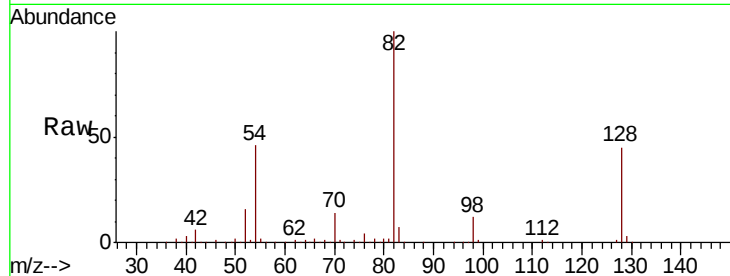
Tgt Ion: 82 Resp: 583071

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

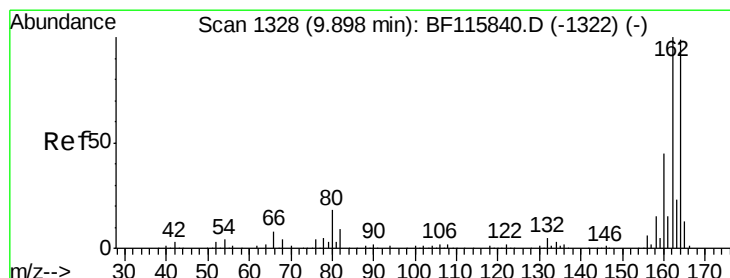
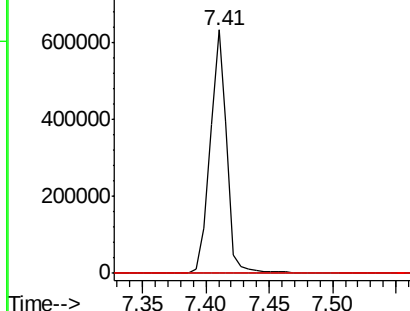
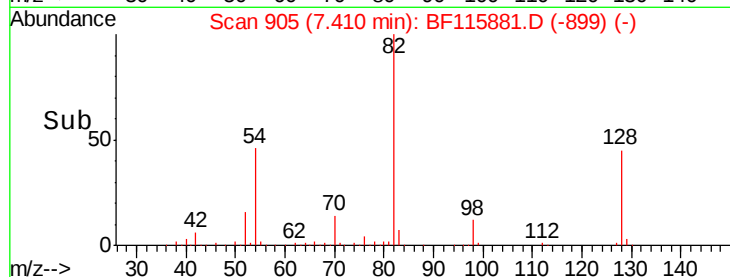
138 0.0 13.9 20.9#



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: BF115881.D

Acq: 31 Jul 2019 22:06

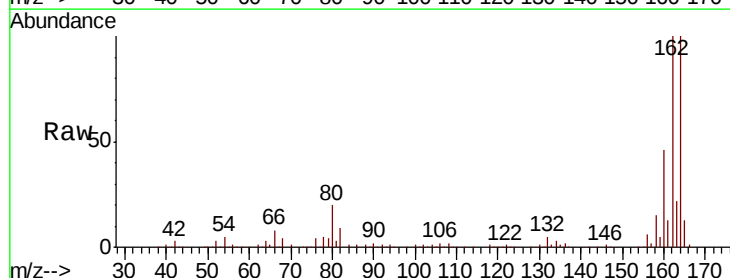
Tgt Ion: 164 Resp: 221048

Ion Ratio Lower Upper

164 100

162 100.3 80.8 121.2

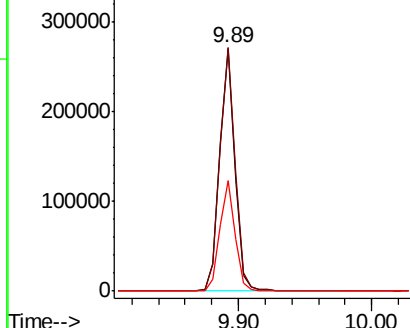
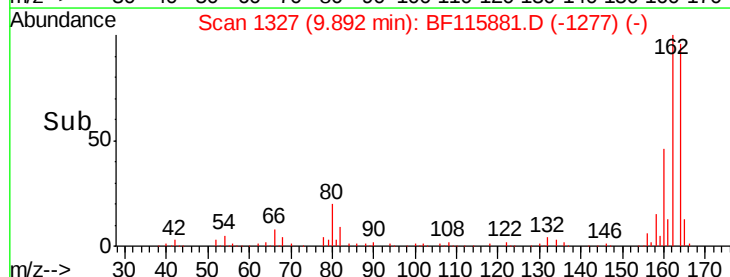
160 45.6 36.2 54.4

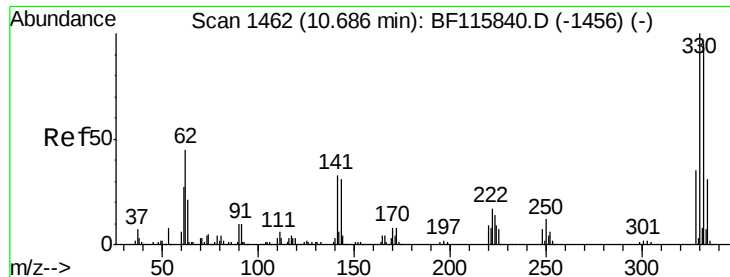


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

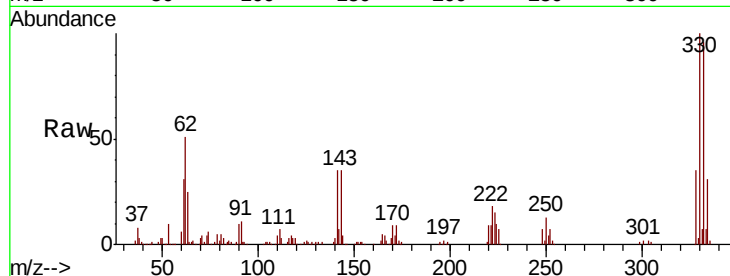




#42
 2,4,6-Tribromophenol
 Concen: 80.209 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF115881.D
 Acq: 31 Jul 2019 22:06

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.7	116.5
141	35.5	28.1	42.1

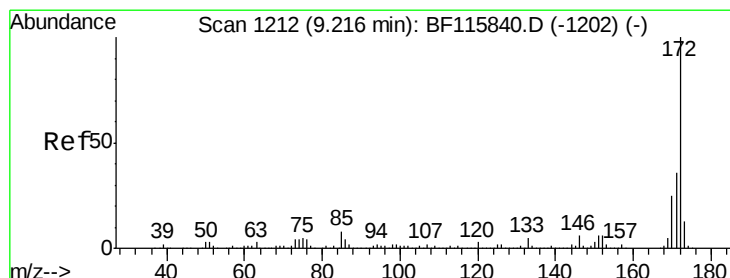
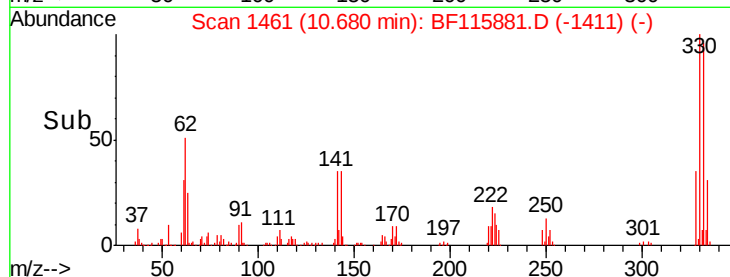
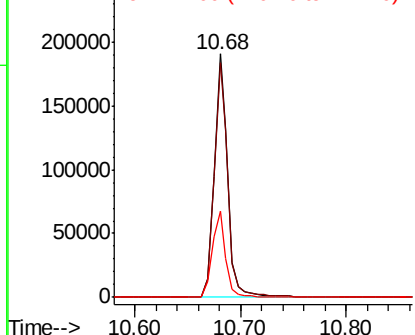


Abundance

Ion 329.80 (329.50 to 330.50): E

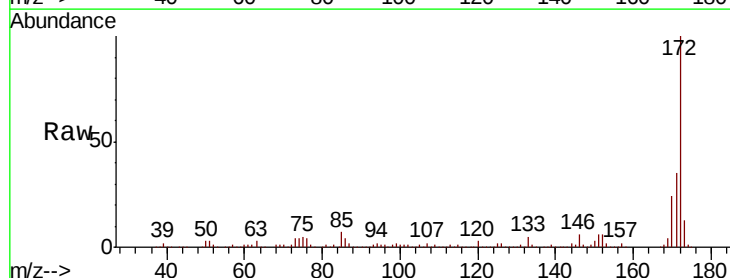
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.991 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF115881.D
 Acq: 31 Jul 2019 22:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.1	43.7
170	24.3	20.1	30.1

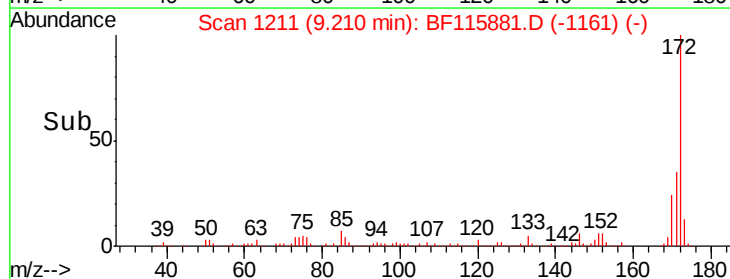
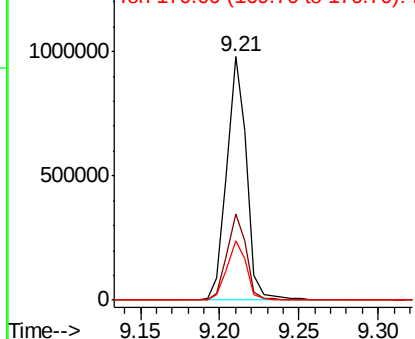


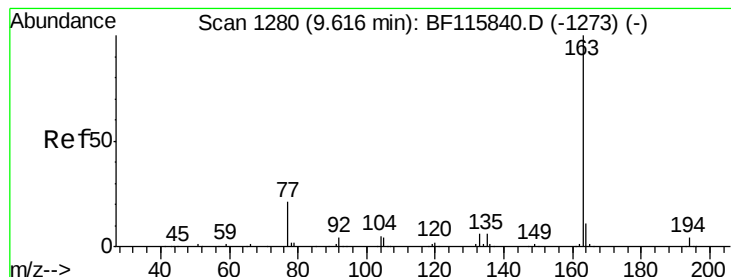
Abundance

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: 10.425 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115881.D

Acq: 31 Jul 2019 22:06

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-054

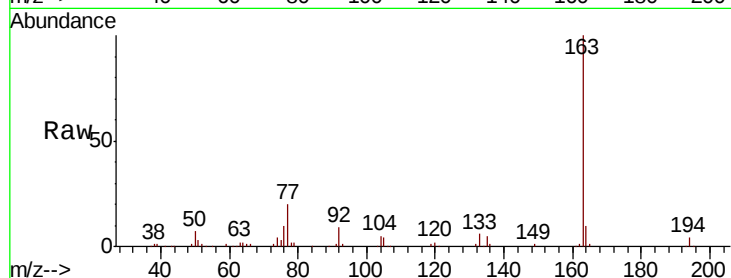
Tgt Ion:163 Resp: 156901

Ion Ratio Lower Upper

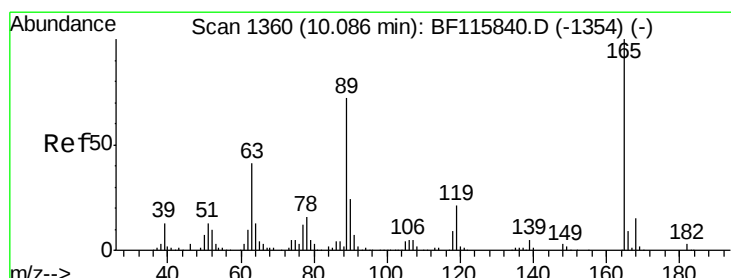
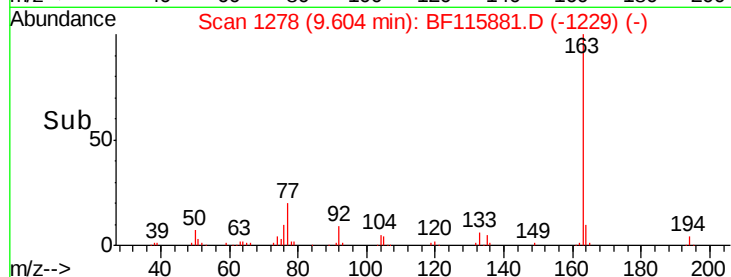
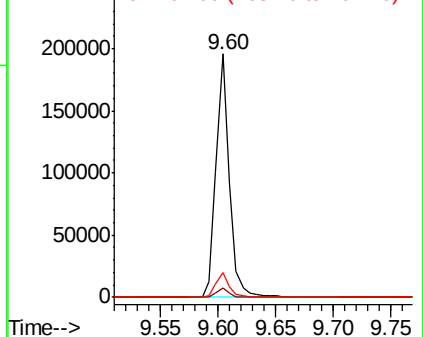
163 100

194 4.0 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: 6.394 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115881.D

Acq: 31 Jul 2019 22:06

Tgt Ion:165 Resp: 27845

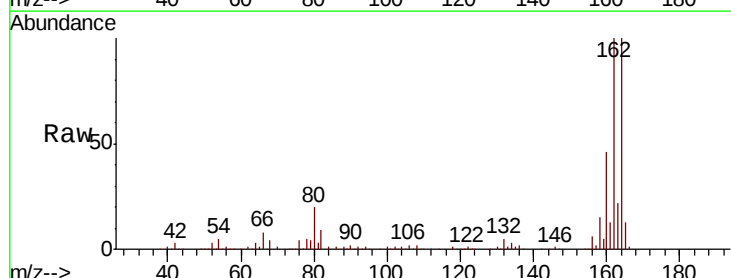
Ion Ratio Lower Upper

165 100

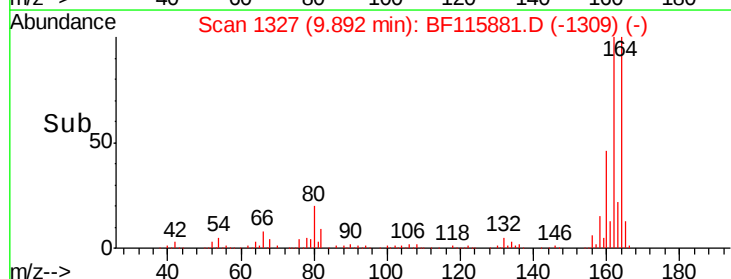
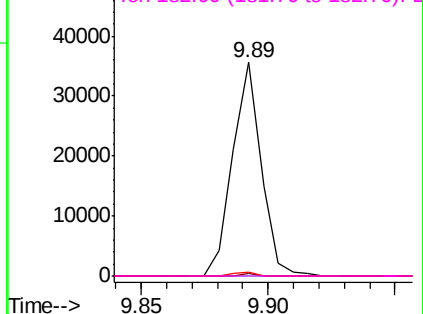
63 1.3 33.2 49.8#

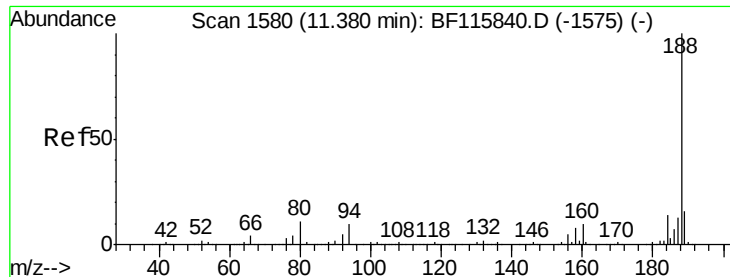
89 1.9 57.3 85.9#

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

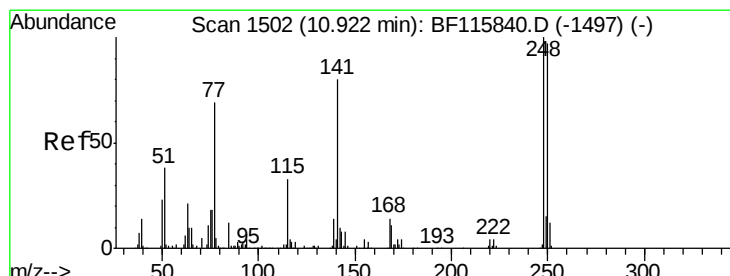
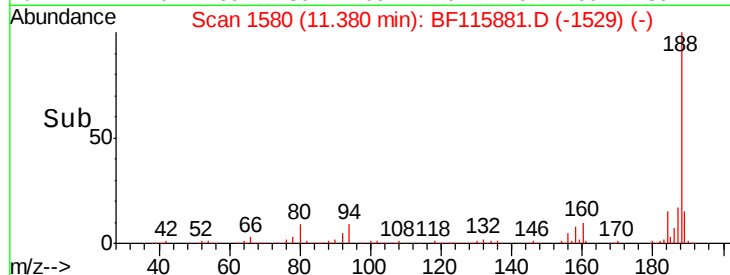
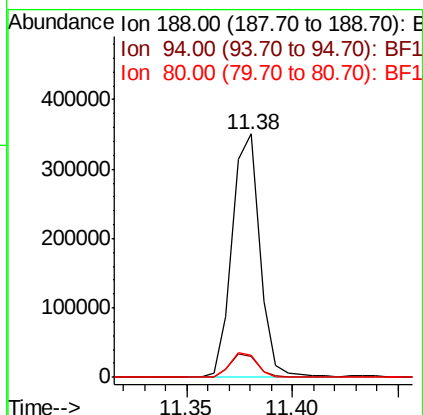
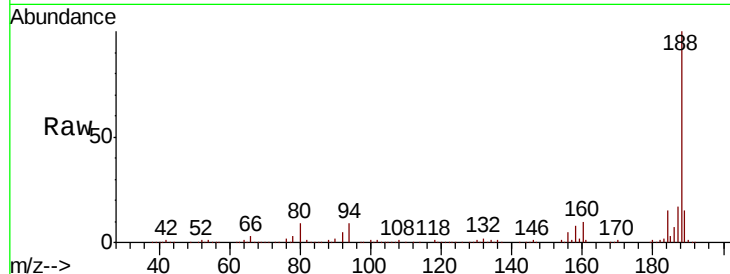




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115881.D
 Acq: 31 Jul 2019 22:06

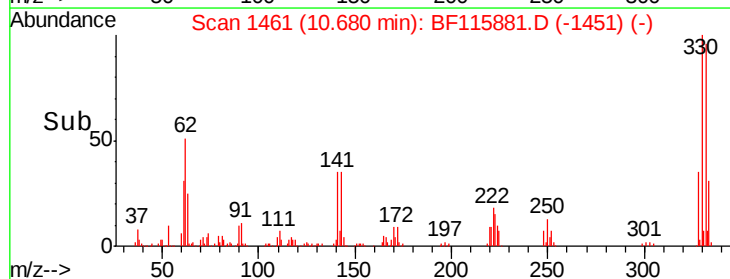
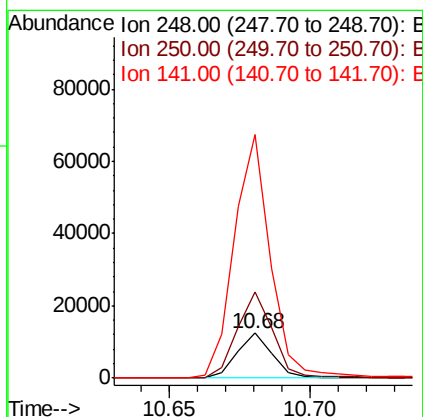
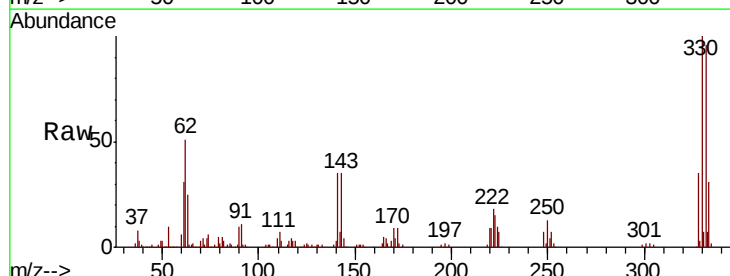
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-054

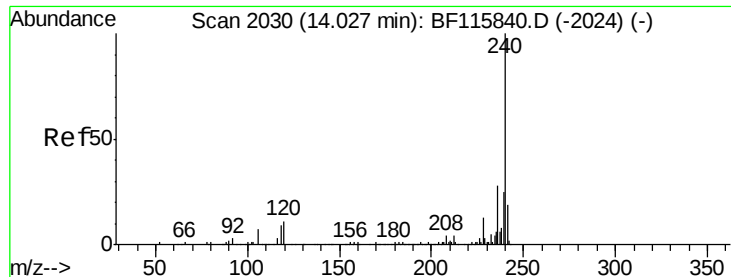
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.0	12.0
80	9.2	8.6	12.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.157 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF115881.D
 Acq: 31 Jul 2019 22:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	192.5	77.8	116.6#
141	540.9	64.3	96.5#

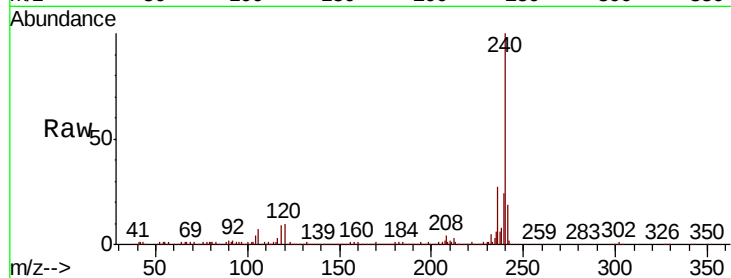




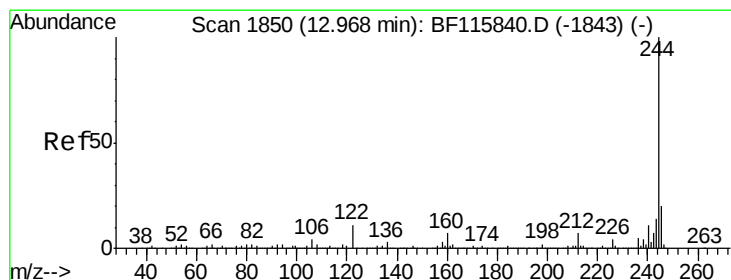
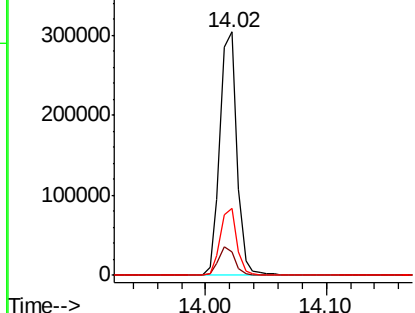
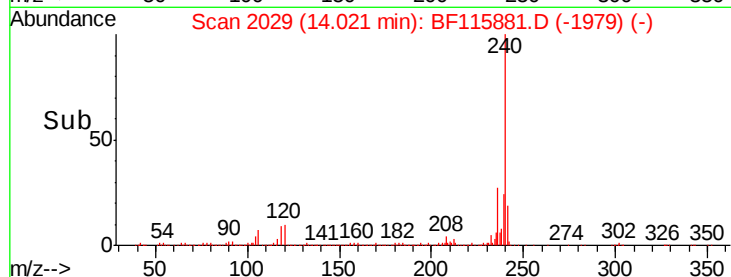
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115881.D
Acq: 31 Jul 2019 22:06

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

Tgt Ion:240 Resp: 295483
Ion Ratio Lower Upper
240 100
120 9.7 8.5 12.7
236 27.4 22.2 33.2

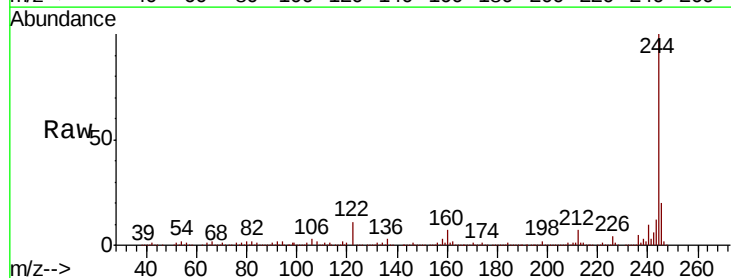


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

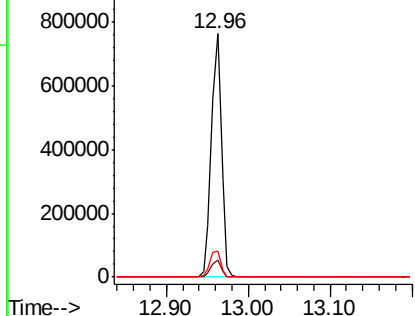
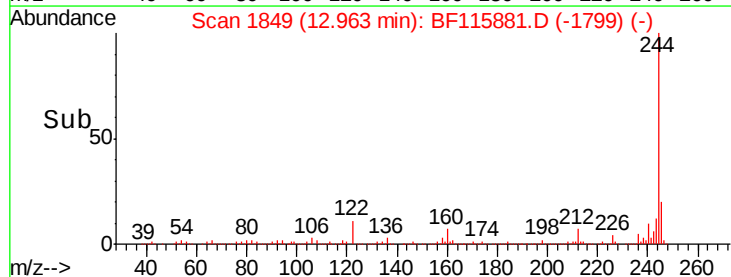


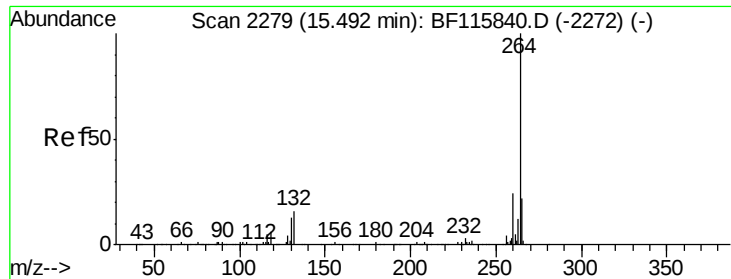
#79
Terphenyl-d14
Concen: 46.980 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115881.D
Acq: 31 Jul 2019 22:06

Tgt Ion:244 Resp: 658783
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.9 8.6 13.0



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

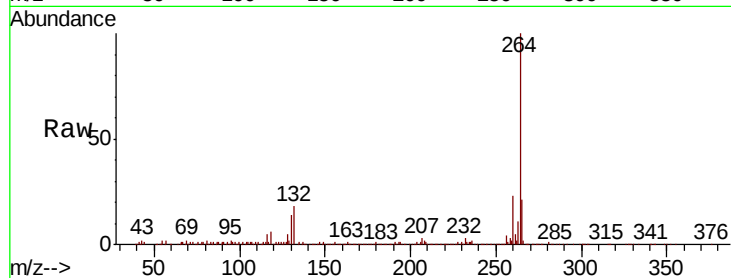




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF115881.D
Acq: 31 Jul 2019 22:06

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.0	17.5	26.3



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

