

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116211.D
 Acq On : 13 Aug 2019 1:29
 Operator : HP/JU
 Sample : K4158-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-055

Quant Time: Aug 13 02:04:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

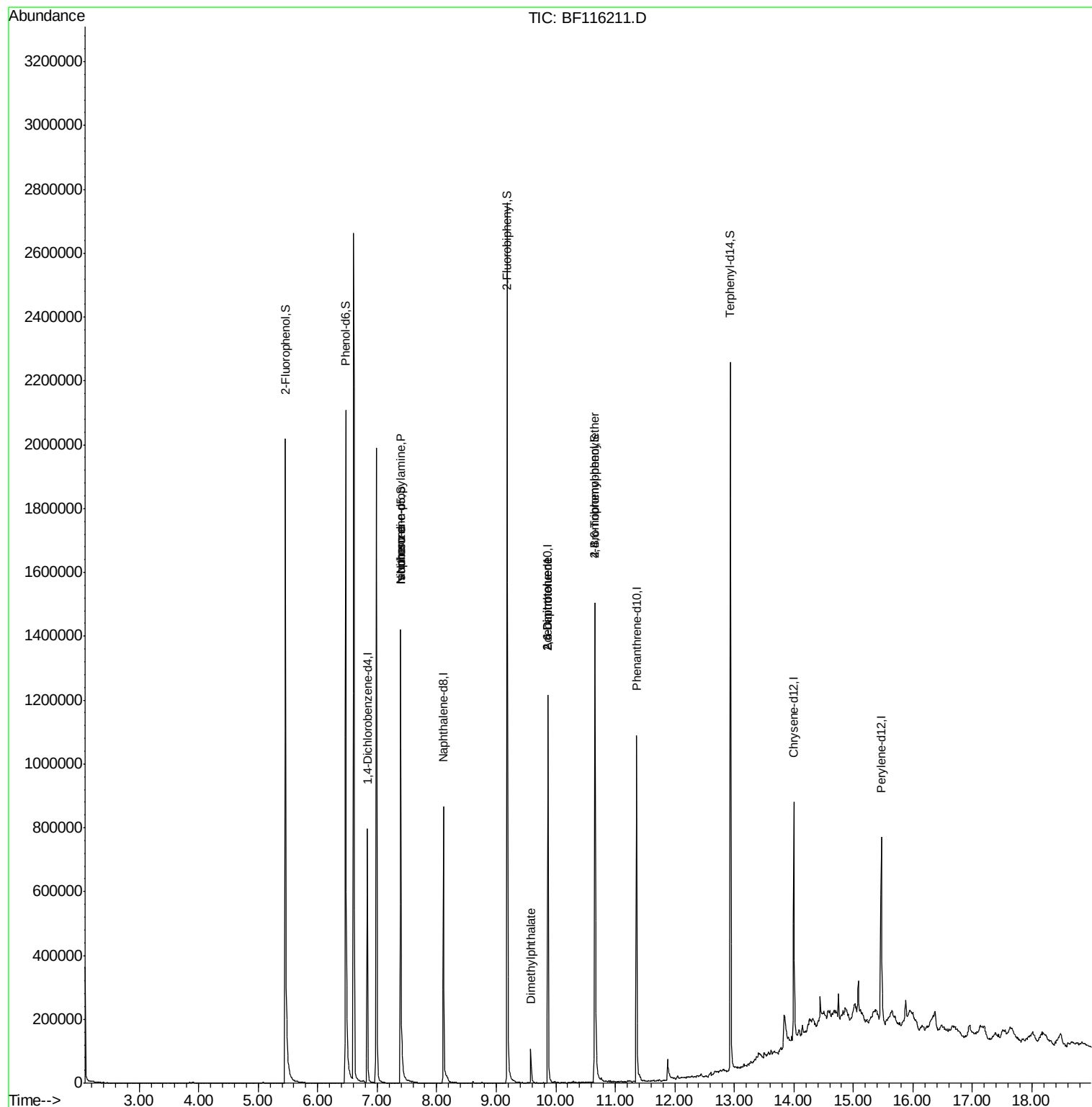
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	120430	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	480904	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	254192	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	437162	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	278951	20.00	ng	-0.01
87) Perylene-d12	15.47	264	327351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	697040	96.89	ng	-0.01
7) Phenol-d6	6.47	99	916235	100.95	ng	-0.02
23) Nitrobenzene-d5	7.39	82	575882	69.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	218737	88.76	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	877994	64.70	ng	-0.02
79) Terphenyl-d14	12.93	244	771852	58.30	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	73598	13.085	ng	# 79
25) Isophorone	7.39	82	577490	36.250	ng	# 65
50) Dimethylphthalate	9.59	163	59048	3.412	ng	# 98
51) 2,6-Dinitrotoluene	9.87	165	33068	8.792	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	33068	6.603	ng	# 21
67) 4-Bromophenyl-phenylether	10.66	248	12545	2.681	ng	# 1

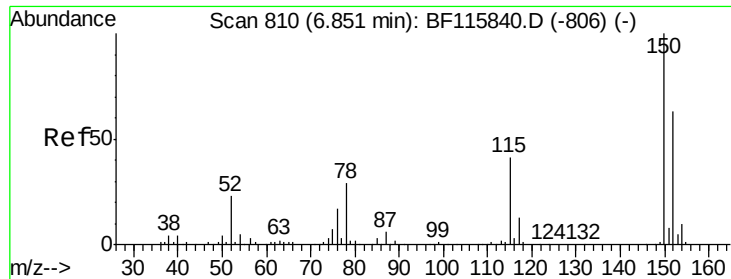
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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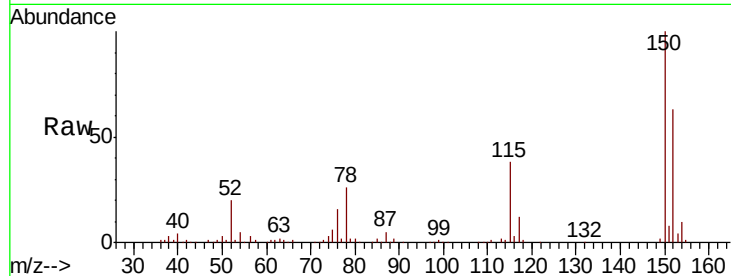


#1

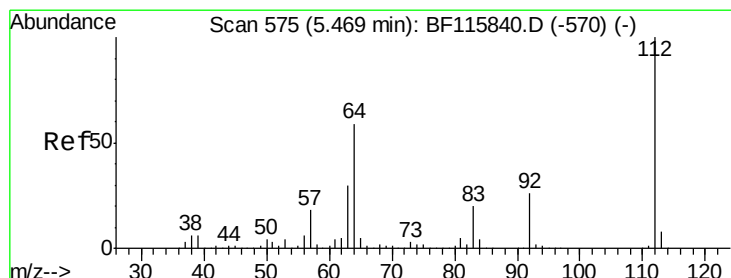
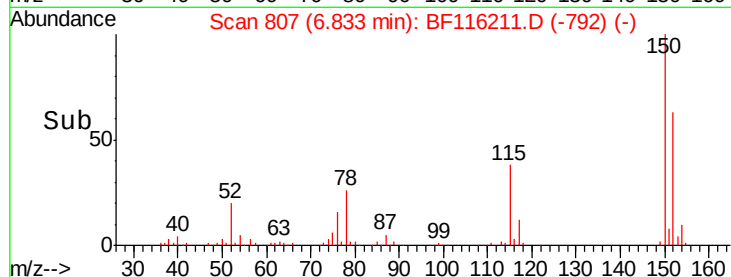
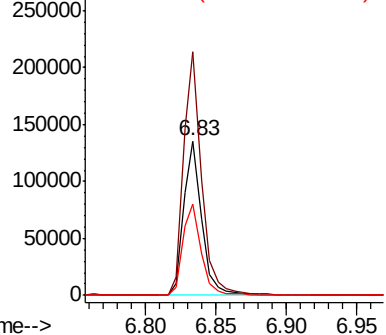
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116211.D
Acq: 13 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	59.4	49.9	74.9



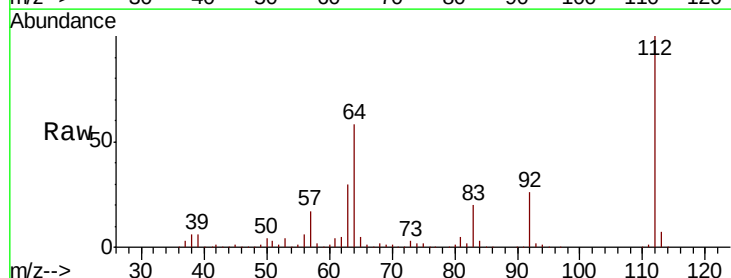
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



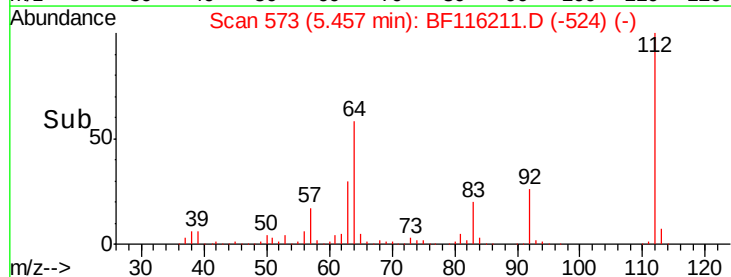
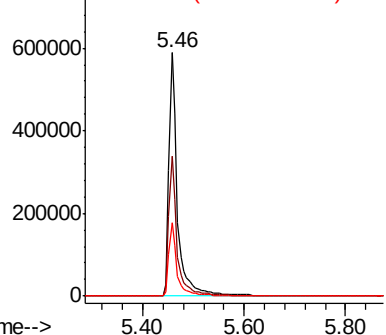
#5

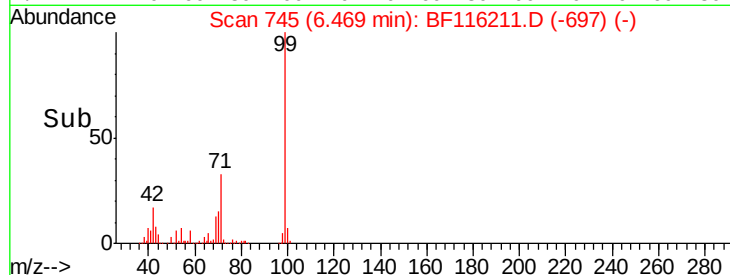
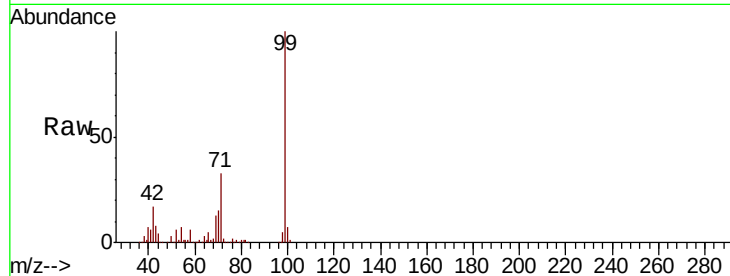
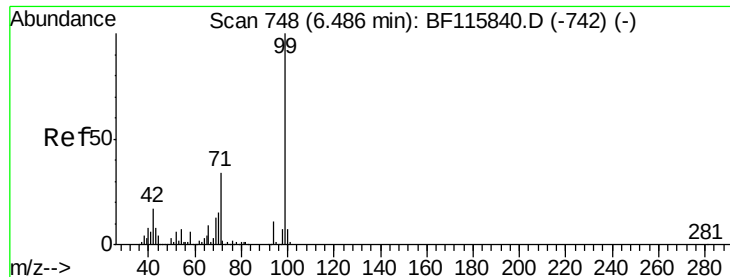
2-Fluorophenol
Concen: 96.893 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116211.D
Acq: 13 Aug 2019 1:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.4	68.2
63	30.3	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: 100.948 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116211.D

Acq: 13 Aug 2019 1:29

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-055

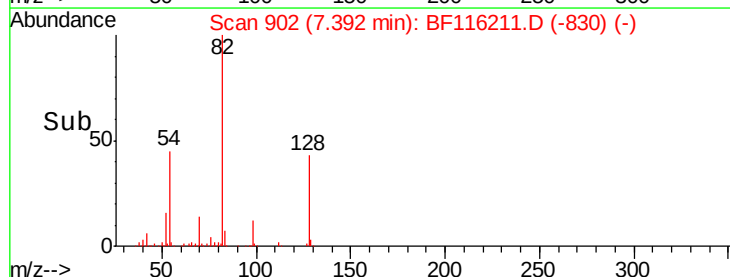
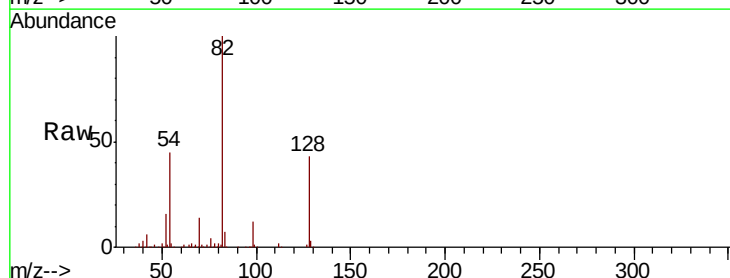
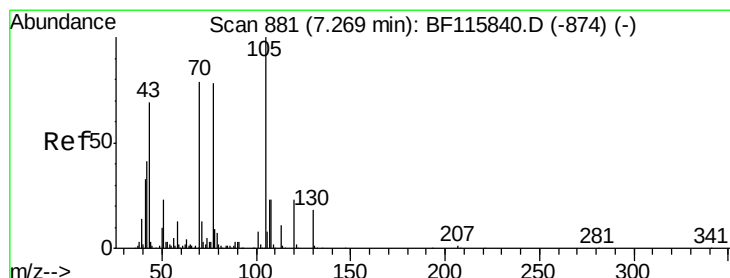
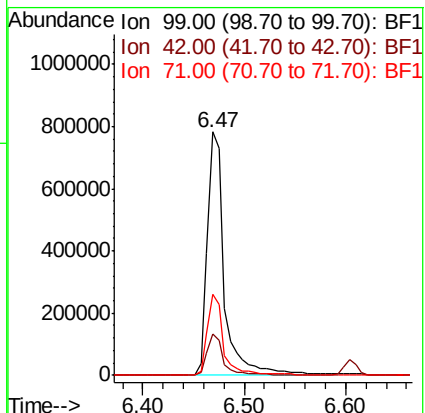
Tot Ion: 99 Resp: 916235

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

71 33.5 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 13.085 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.12 min

Lab File: BF116211.D

Acq: 13 Aug 2019 1:29

Tgt Ion: 70 Resp: 73598

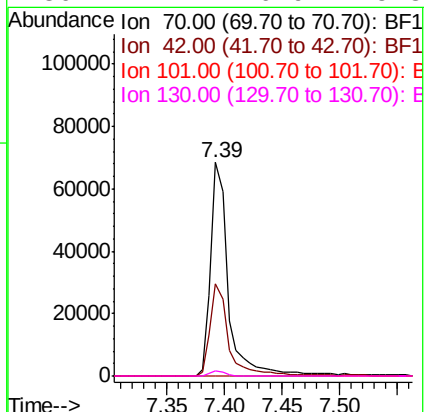
Ion Ratio Lower Upper

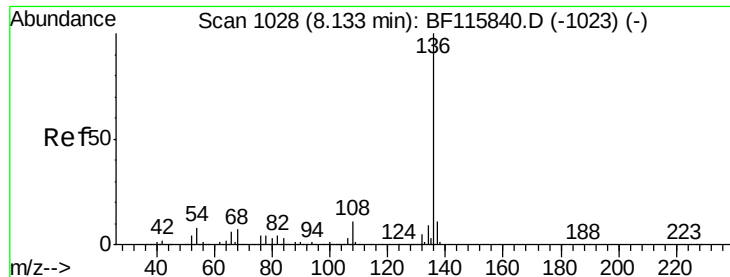
70 100

42 43.2 40.9 61.3

101 0.0 7.9 11.9#

130 2.1 16.9 25.3#

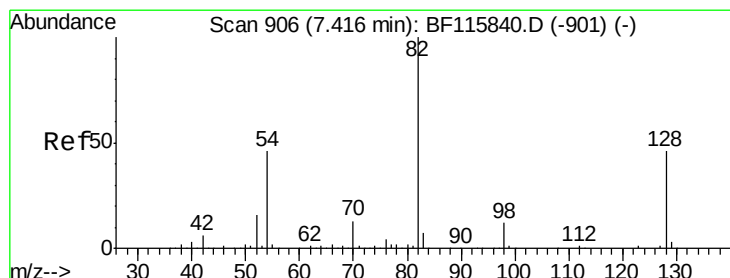
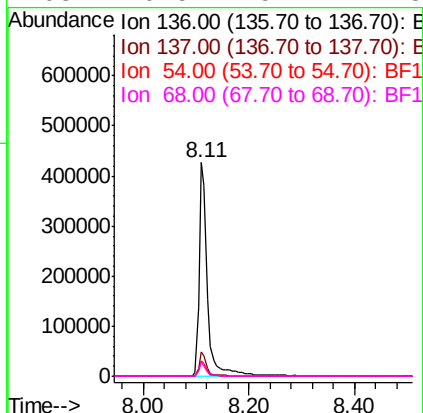
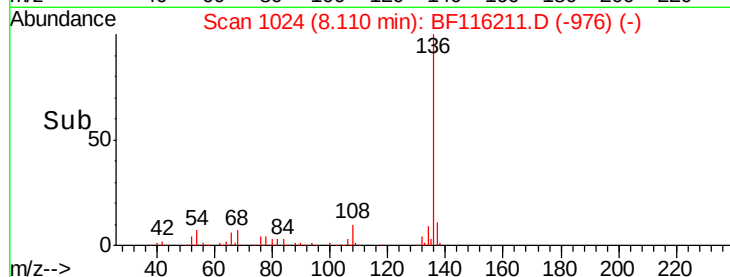
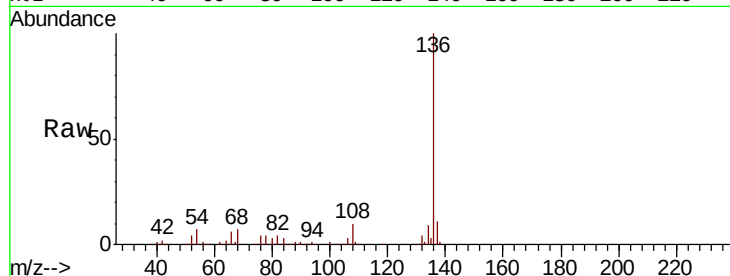




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF116211.D
Acq: 13 Aug 2019 1:29

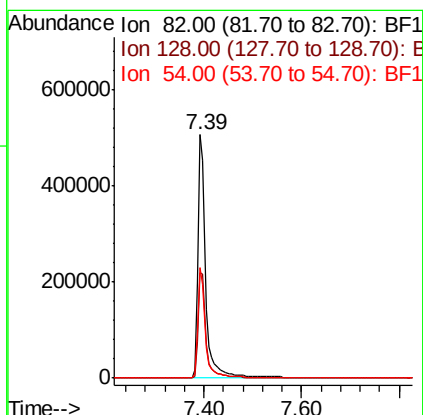
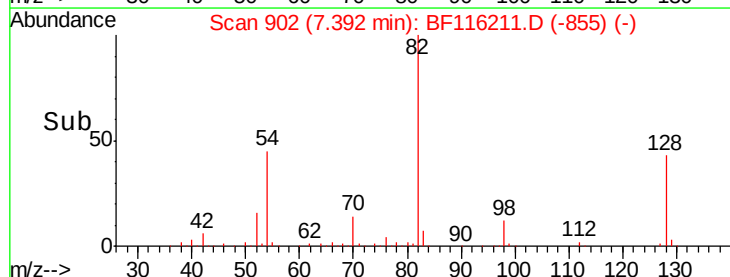
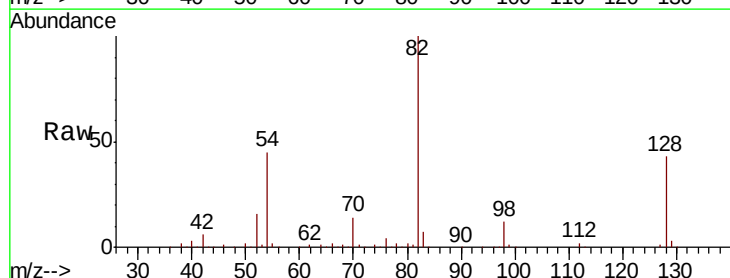
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

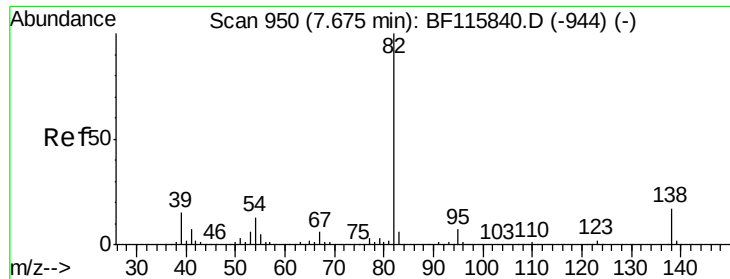
Tot Ion:136	Resp:	480904
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.4
54	7.3	5.8 8.6
68	6.5	5.2 7.8



#23
Nitrobenzene-d5
Concen: 69.123 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF116211.D
Acq: 13 Aug 2019 1:29

Tgt Ion: 82	Resp:	575882
Ion Ratio	Lower	Upper
82	100	
128	43.1	36.5 54.7
54	45.2	36.0 54.0

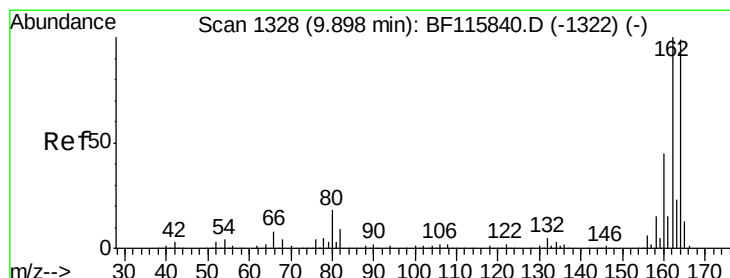
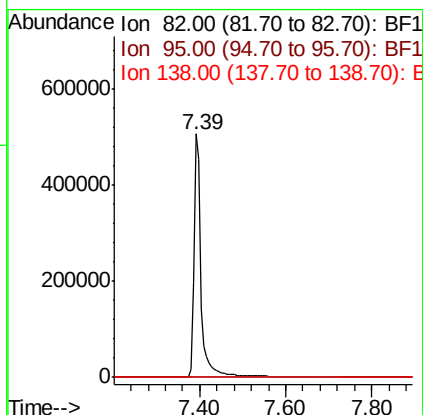
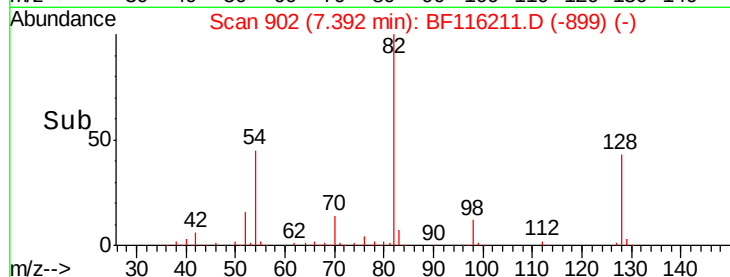
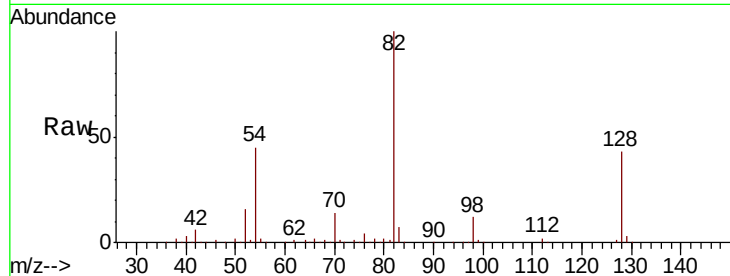




#25
Isophorone
Concen: 36.250 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF116211.D
Acq: 13 Aug 2019 1:29

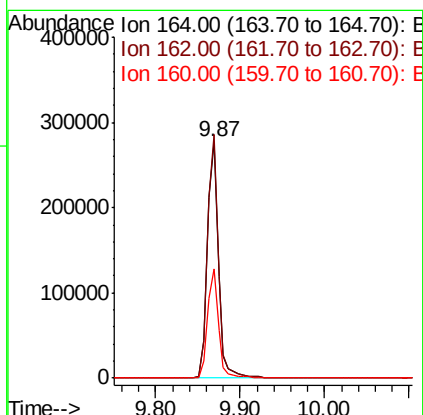
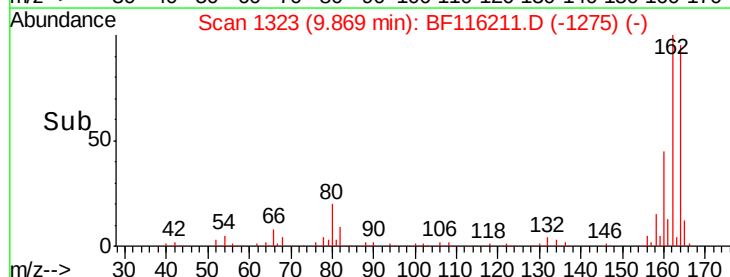
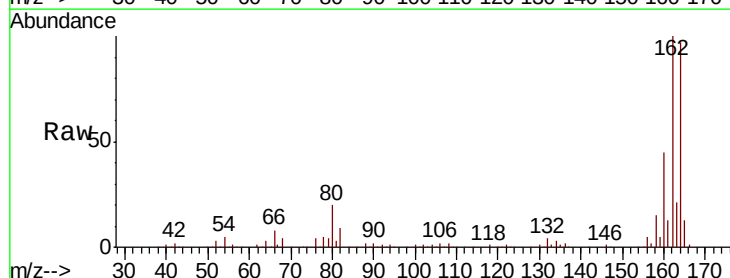
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

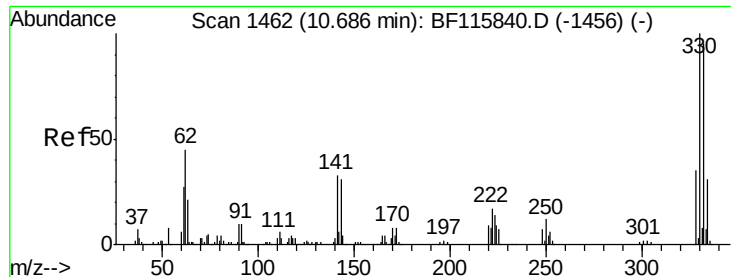
Tot Ion: 82 Resp: 577490
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116211.D
Acq: 13 Aug 2019 1:29

Tgt Ion: 164 Resp: 254192
Ion Ratio Lower Upper
164 100
162 103.1 82.6 124.0
160 46.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 88.756 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116211.D

Acq: 13 Aug 2019 1:29

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-055

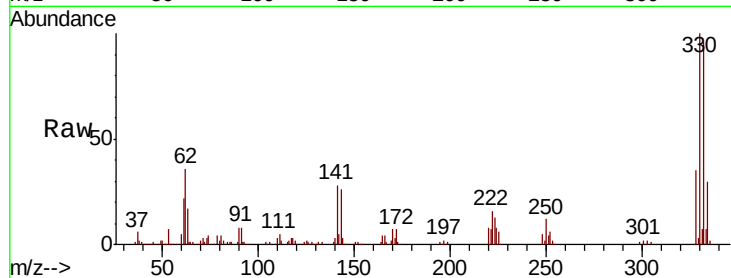
Tot Ion:330 Resp: 218737

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 34.8 26.3 39.5

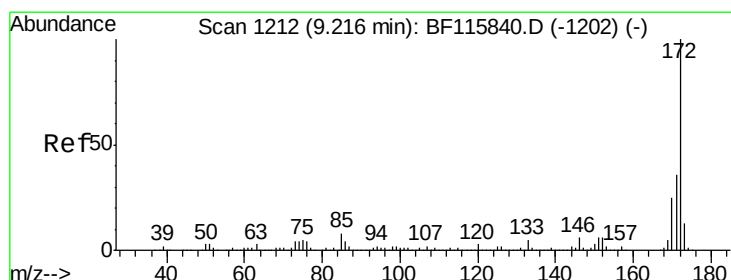
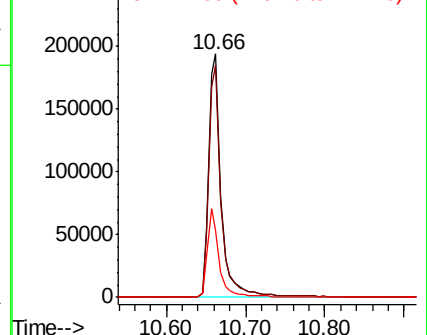
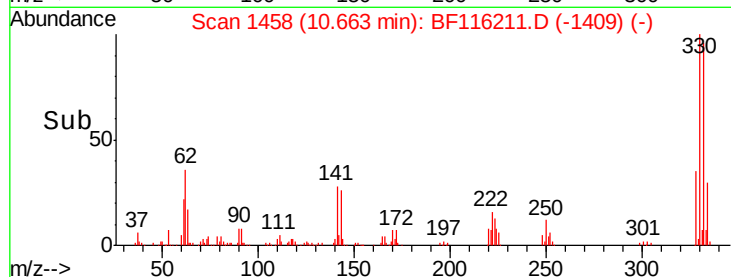


Abundance

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: 64.697 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116211.D

Acq: 13 Aug 2019 1:29

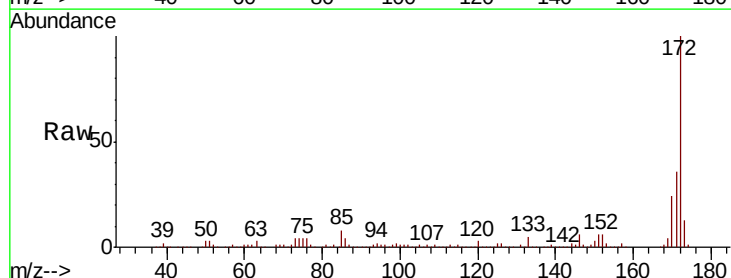
Tgt Ion:172 Resp: 877994

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

170 24.4 20.1 30.1

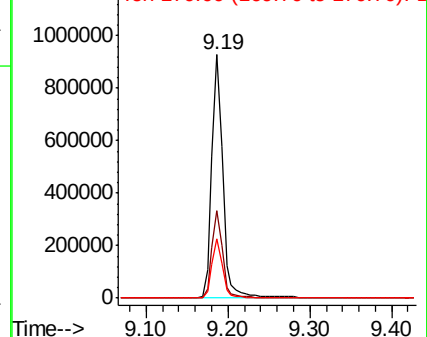
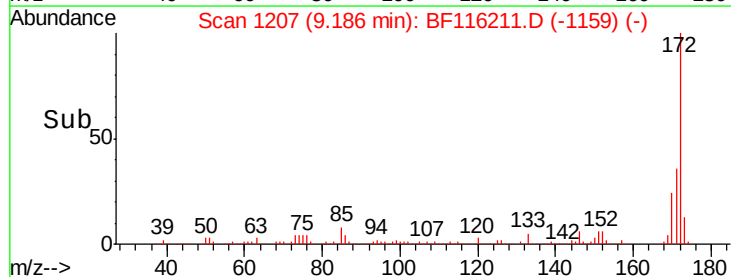


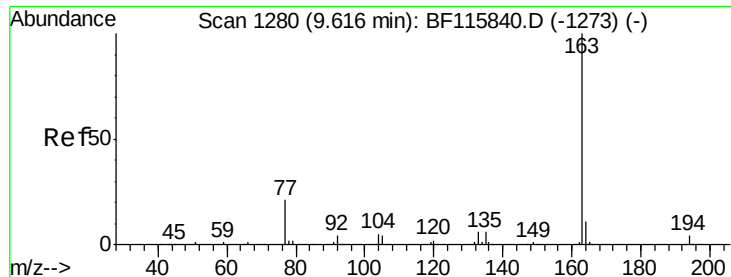
Abundance

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

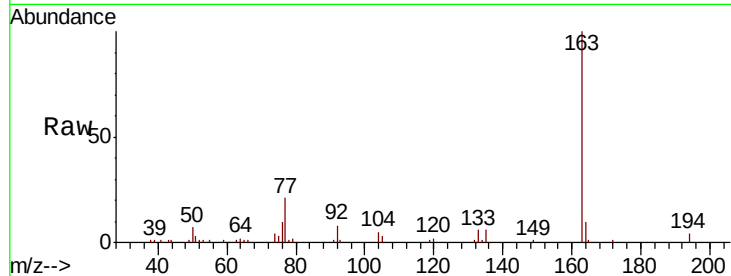




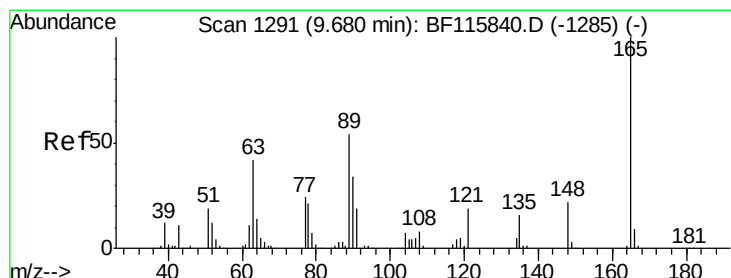
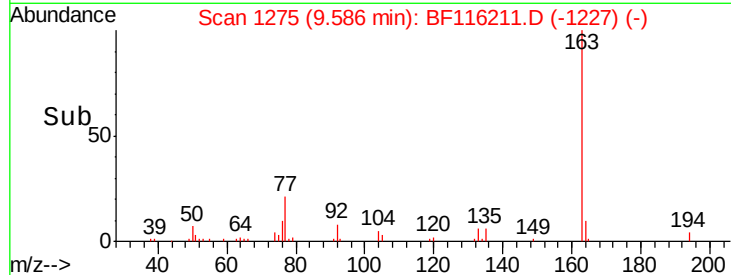
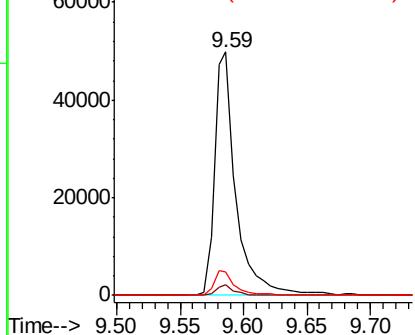
#50
Dimethylphthalate
Concen: 3.412 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116211.D
Acq: 13 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.7	8.4	12.6

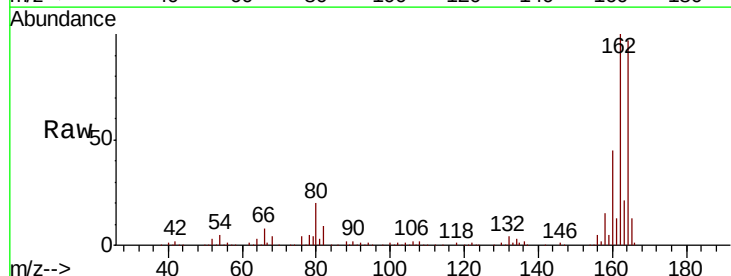


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

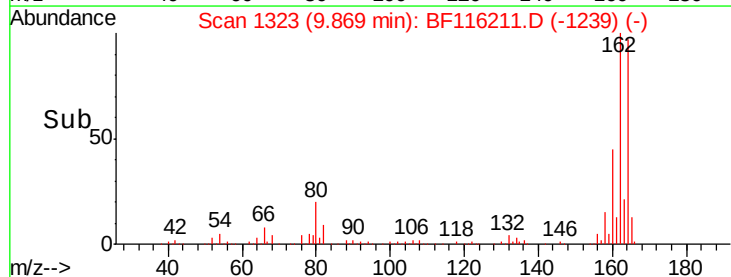
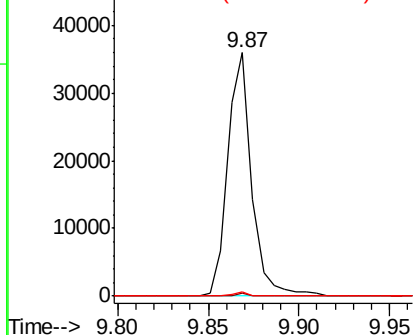


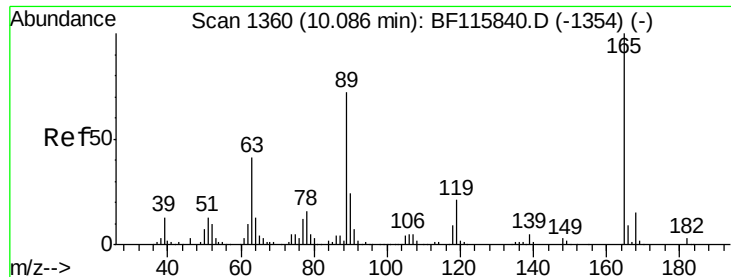
#51
2,6-Dinitrotoluene
Concen: 8.792 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.19 min
Lab File: BF116211.D
Acq: 13 Aug 2019 1:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.2	57.2#
89	1.6	42.9	64.3#



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

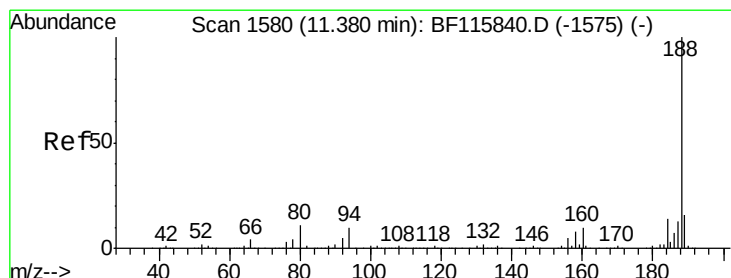
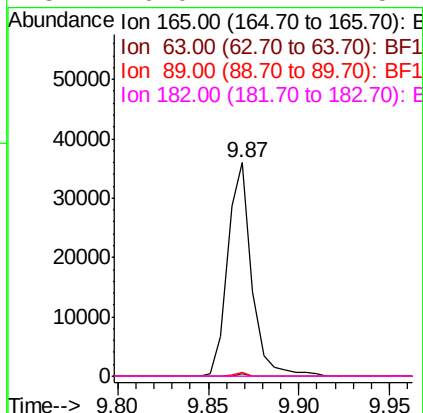
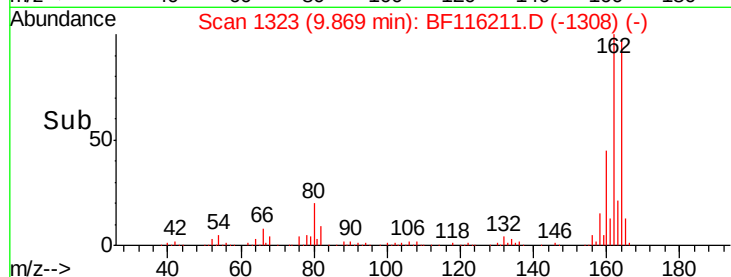
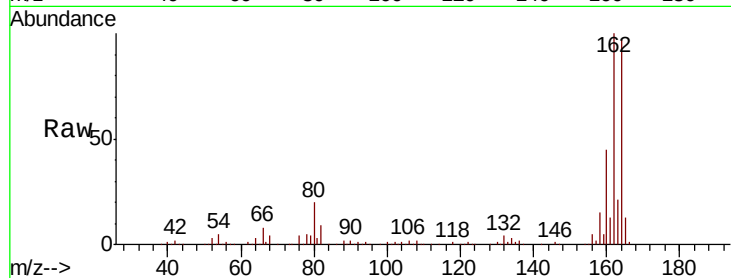




#57
 2,4-Dinitrotoluene
 Concen: 6.603 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116211.D
 Acq: 13 Aug 2019 1:29

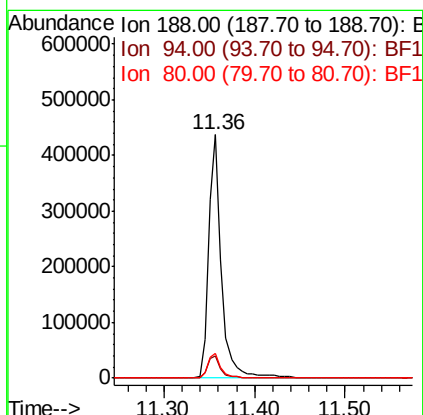
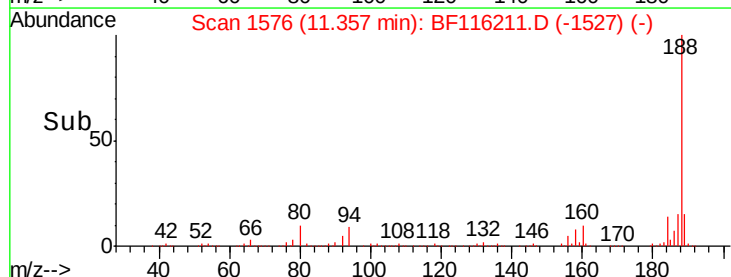
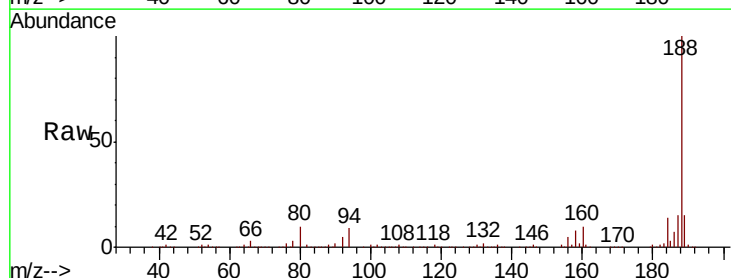
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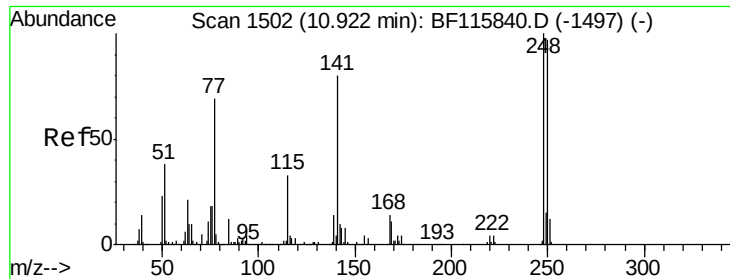
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.6	59.4#
89	1.6	62.2	93.2#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116211.D
 Acq: 13 Aug 2019 1:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.1	12.1
80	10.0	8.7	13.1

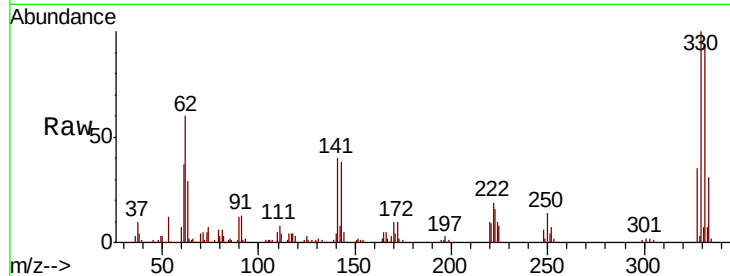




#67
 4-Bromophenyl-phenylether
 Concen: 2.681 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.25 min
 Lab File: BF116211.D
 Acq: 13 Aug 2019 1:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-055

Tot Ion	Ratio	Lower	Upper
248	100		
250	213.1	77.4	116.2#
141	616.3	56.8	85.2#

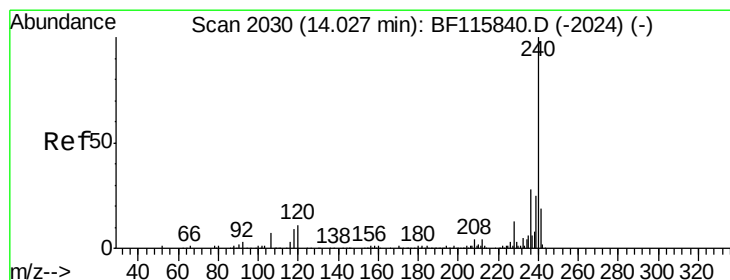
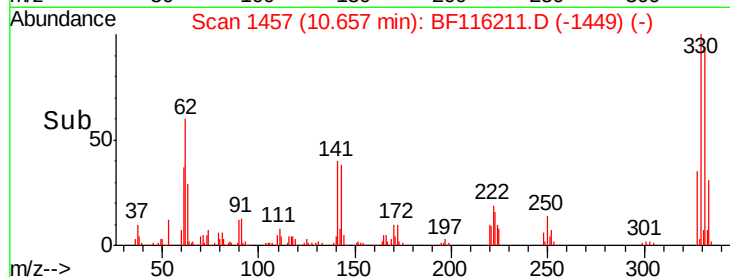
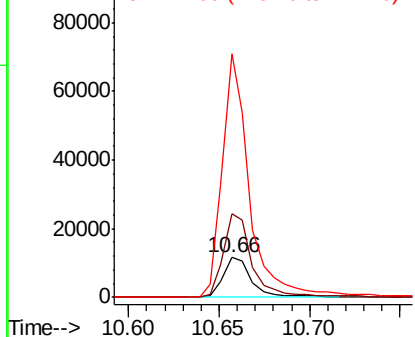


Abundance

Ion 248.00 (247.70 to 248.70): E

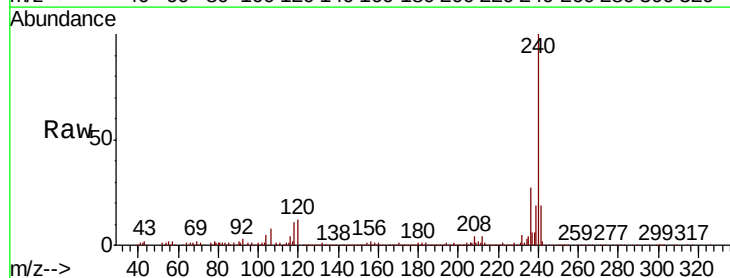
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116211.D
 Acq: 13 Aug 2019 1:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.7	16.1
236	27.1	22.2	33.2

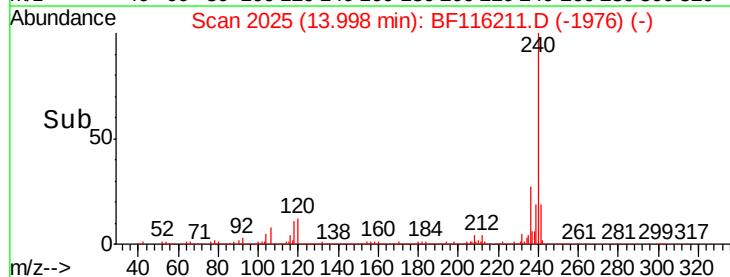
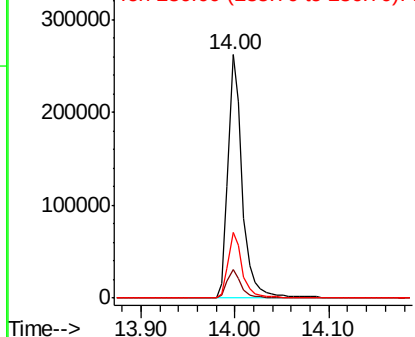


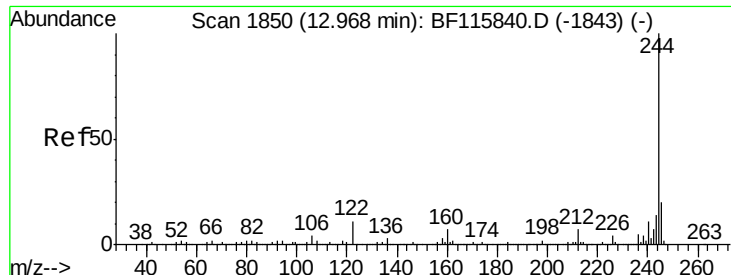
Abundance

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: 58.305 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF116211.D

Acq: 13 Aug 2019 1:29

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-055

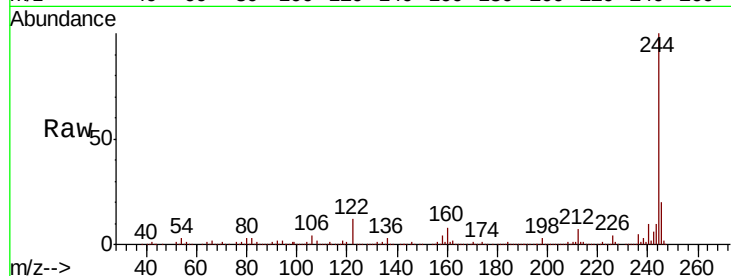
Tot Ion:244 Resp: 771852

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

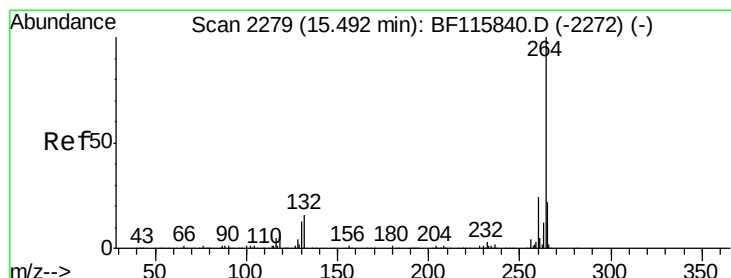
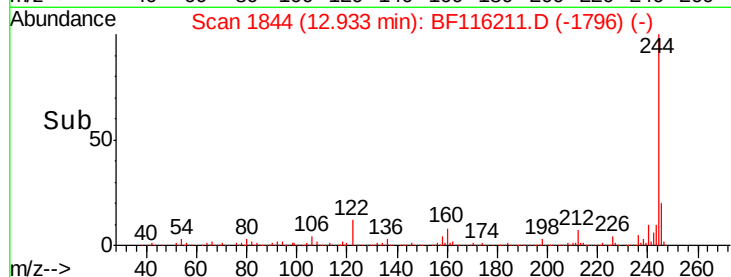
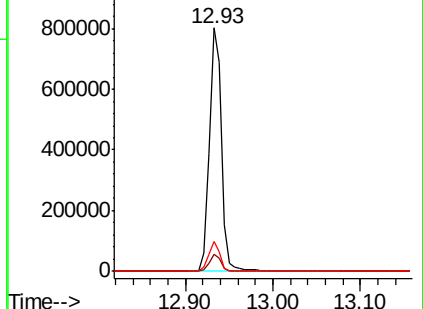
122 12.4 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116211.D

Acq: 13 Aug 2019 1:29

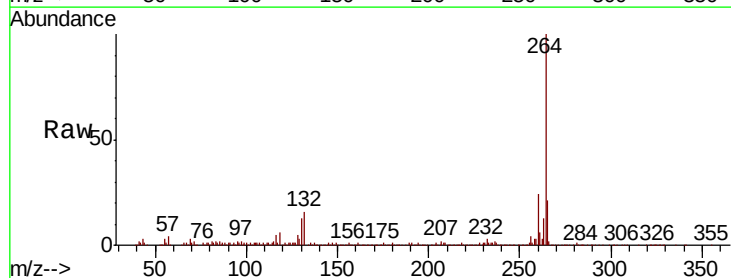
Tgt Ion:264 Resp: 327351

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 21.4 17.4 26.0



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

