

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093019\
 Data File : BF117269.D
 Acq On : 30 Sep 2019 19:09
 Operator : JU
 Sample : K5060-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-060

Quant Time: Oct 01 02:15:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

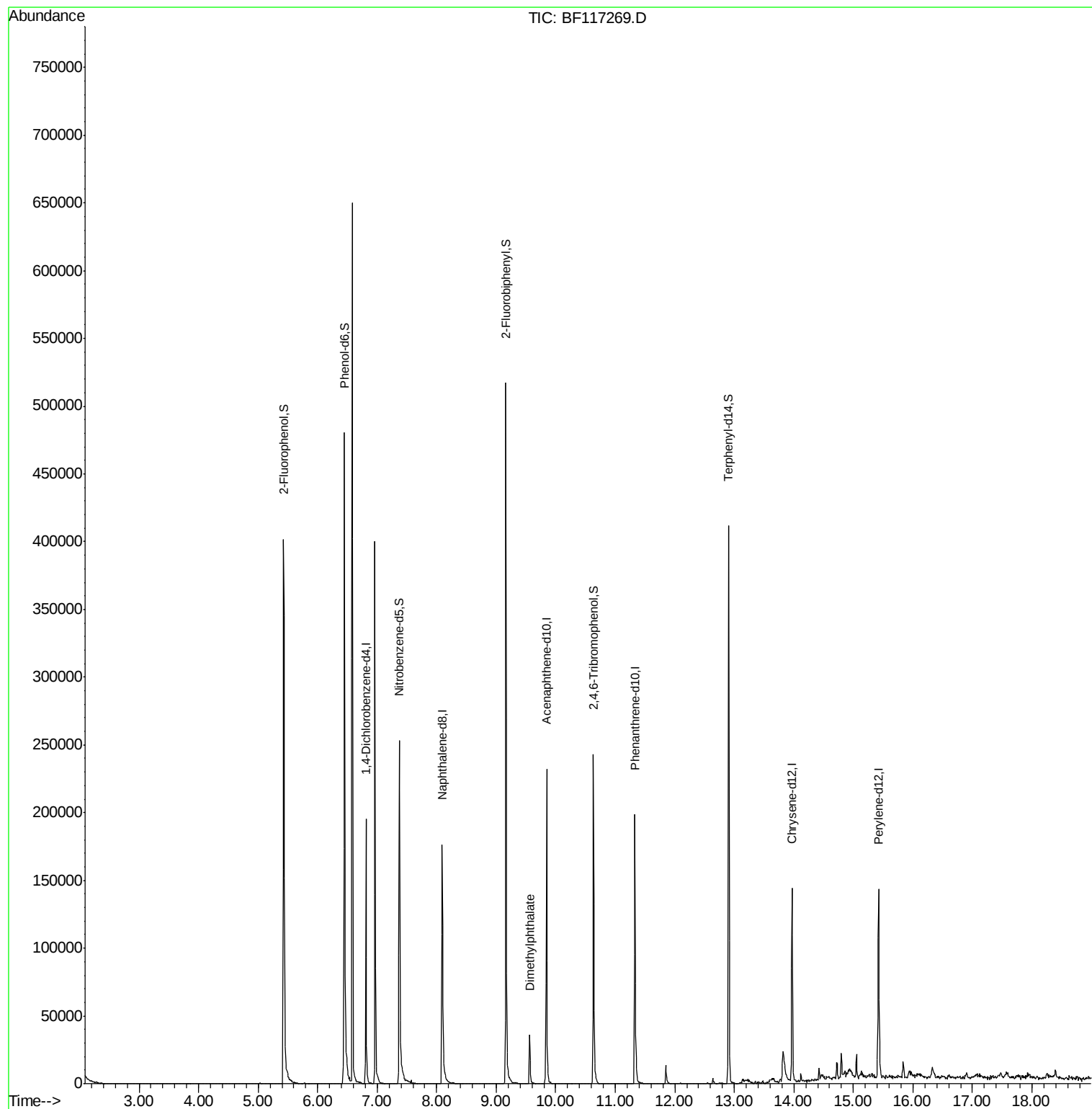
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	30186	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	117840	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	59801	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	93529	20.00	ng	0.00
76) Chrysene-d12	13.97	240	56181	20.00	ng	0.00
87) Perylene-d12	15.42	264	66157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	139777	72.29	ng	-0.01
7) Phenol-d6	6.45	99	203446	81.42	ng	-0.01
23) Nitrobenzene-d5	7.37	82	114827	51.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	32026	64.08	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	172158	45.01	ng	-0.01
79) Terphenyl-d14	12.91	244	147844	49.19	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	19948	4.711	ng	Qvalue # 97

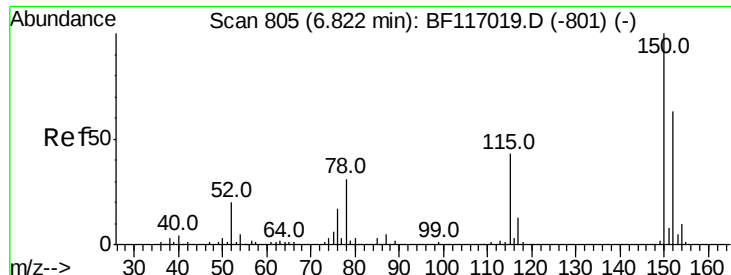
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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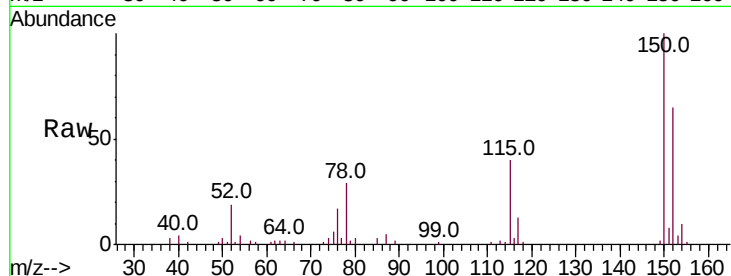


#1

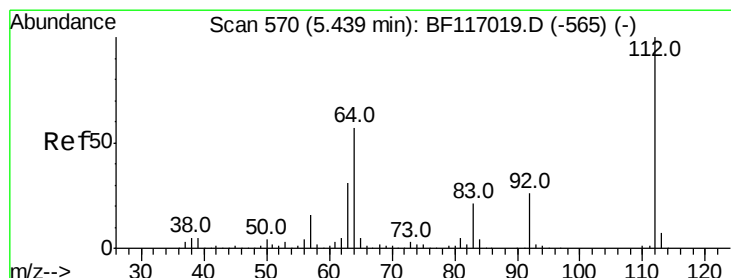
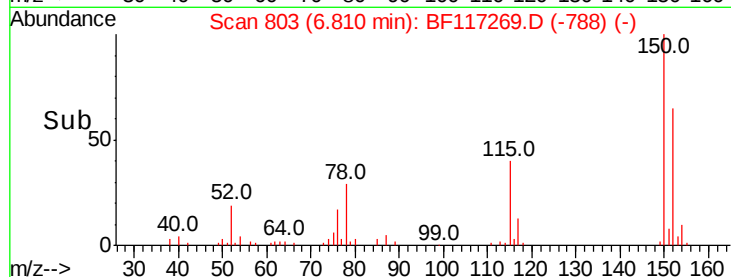
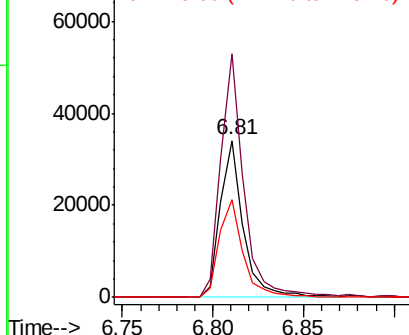
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-060

Tot Ion:152 Resp: 30186
Ion Ratio Lower Upper
152 100
150 155.0 127.5 191.3
115 61.9 55.0 82.4



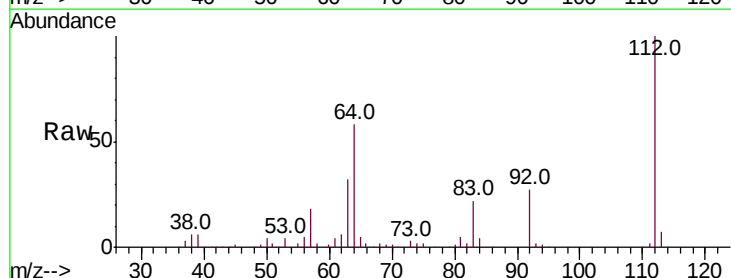
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



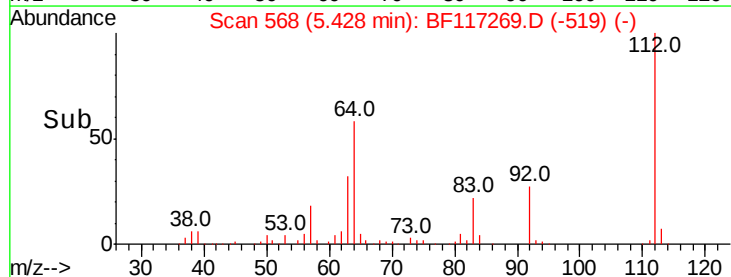
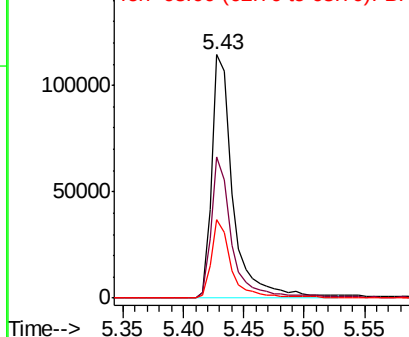
#5

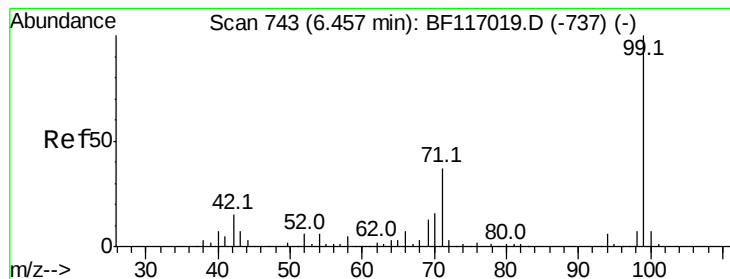
2-Fluorophenol
Concen: 72.294 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Tgt Ion:112 Resp: 139777
Ion Ratio Lower Upper
112 100
64 58.0 45.7 68.5
63 32.1 24.9 37.3



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: 81.420 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117269.D

Acq: 30 Sep 2019 19:09

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-060

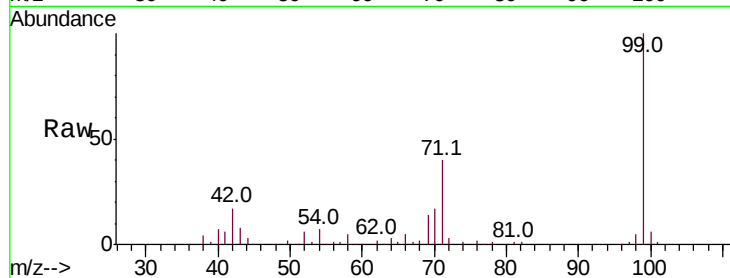
Tot Ion: 99 Resp: 203446

Ion Ratio Lower Upper

99 100

42 17.0 12.2 18.2

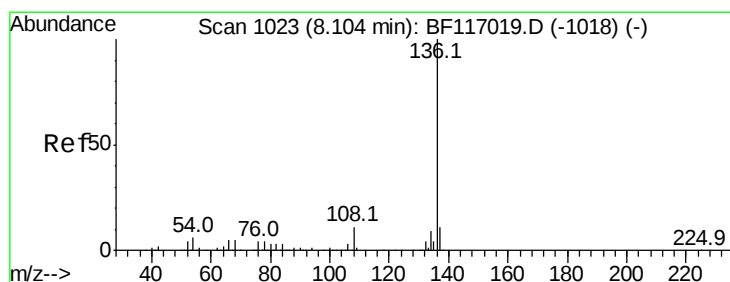
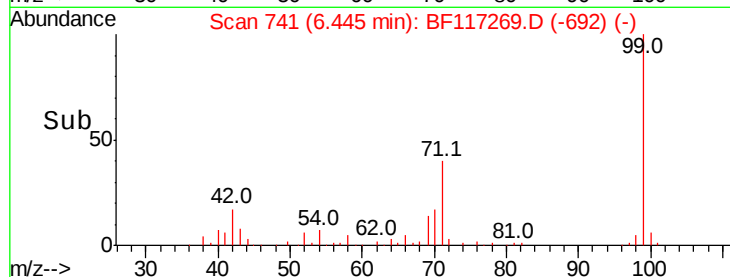
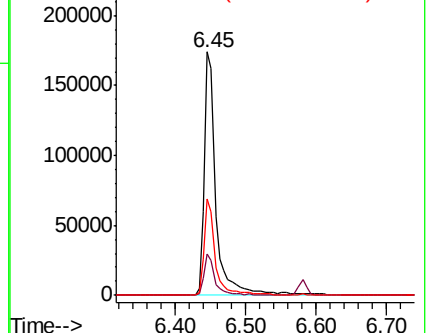
71 39.5 29.8 44.8



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117269.D

Acq: 30 Sep 2019 19:09

Tgt Ion: 136 Resp: 117840

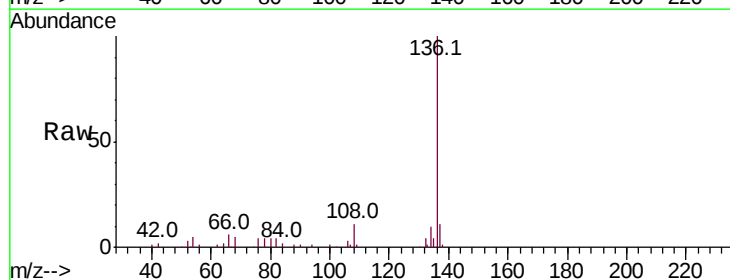
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.2 4.5 6.7

68 5.2 4.0 6.0

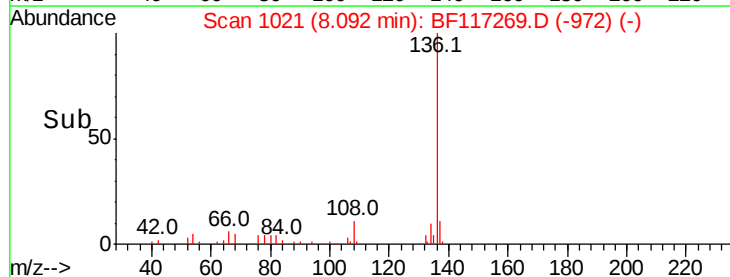
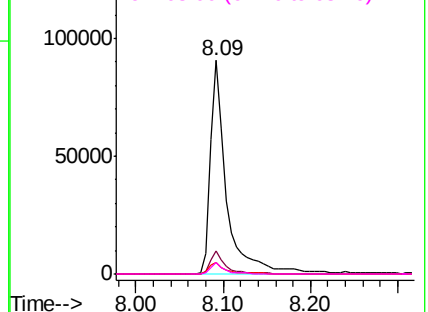


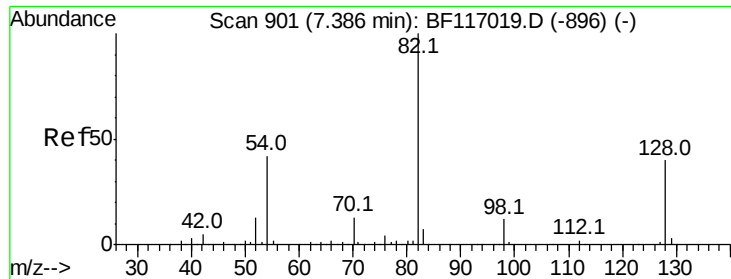
Abundance Ion 136.00 (135.70 to 136.70): E

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

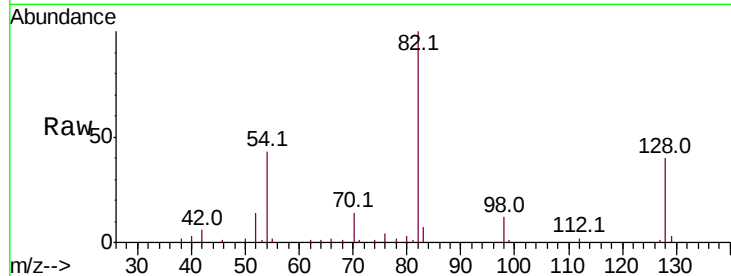




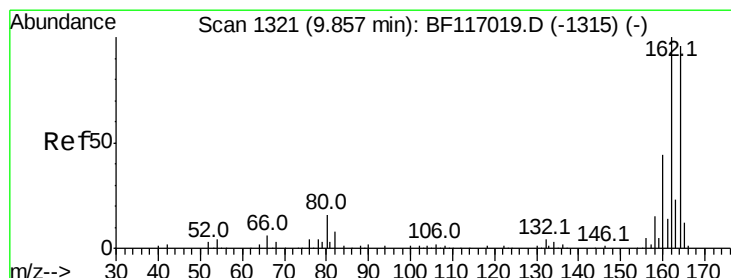
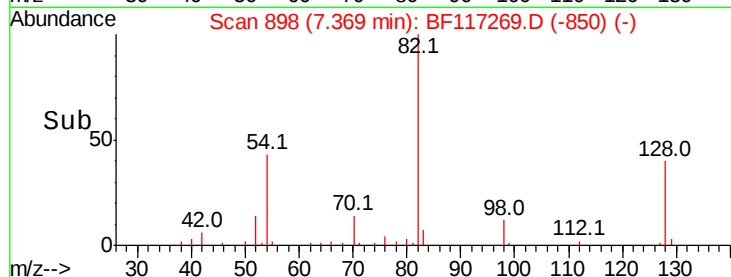
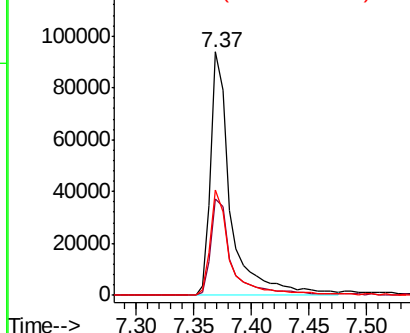
#23
 Nitrobenzene-d5
 Concen: 51.199 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117269.D
 Acq: 30 Sep 2019 19:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-060

Tot Ion	82	Resp	114827
Ion Ratio	Lower	Upper	
82	100		
128	39.7	32.3	48.5
54	43.2	33.3	49.9

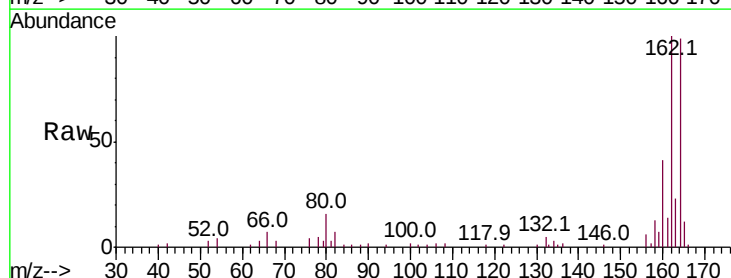


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

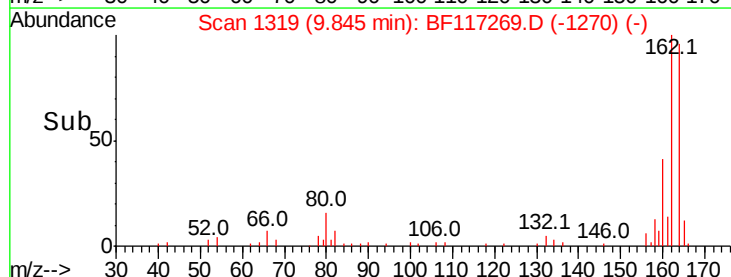
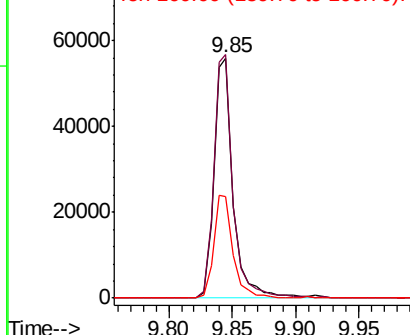


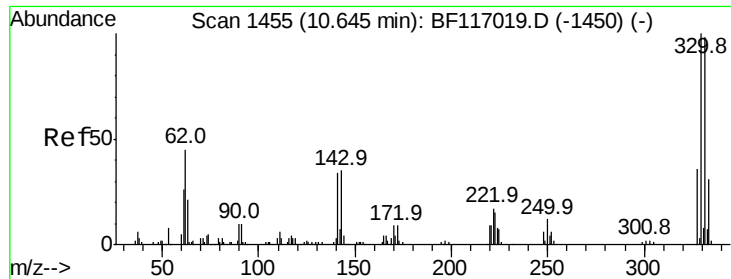
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117269.D
 Acq: 30 Sep 2019 19:09

Tgt Ion	164	Resp	59801
Ion Ratio	Lower	Upper	
164	100		
162	101.4	83.4	125.2
160	42.0	36.4	54.6



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

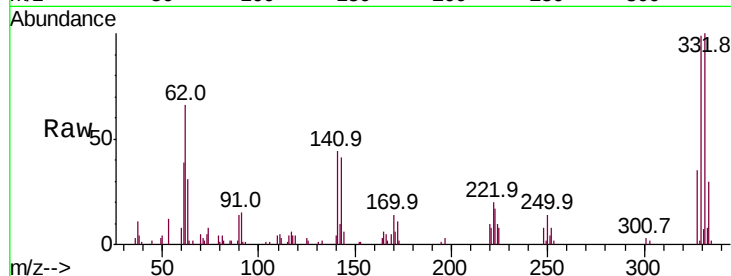




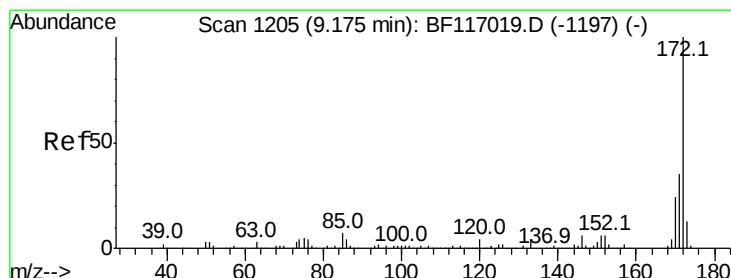
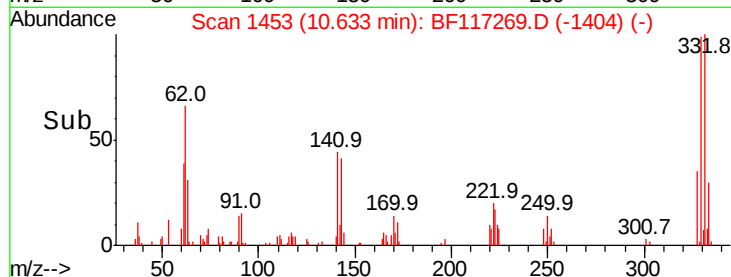
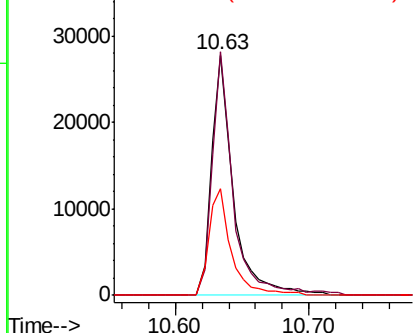
#42
 2,4,6-Tribromophenol
 Concen: 64.078 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF117269.D
 Acq: 30 Sep 2019 19:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-060

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.0	117.0
141	45.3	35.8	53.6

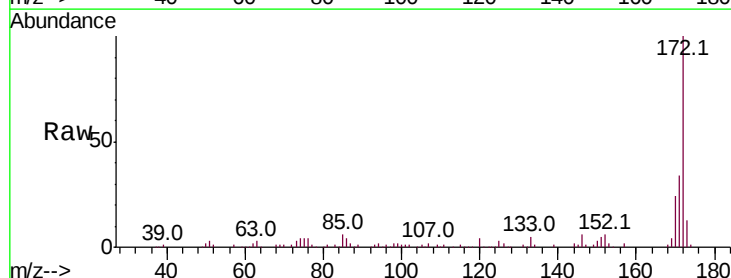


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

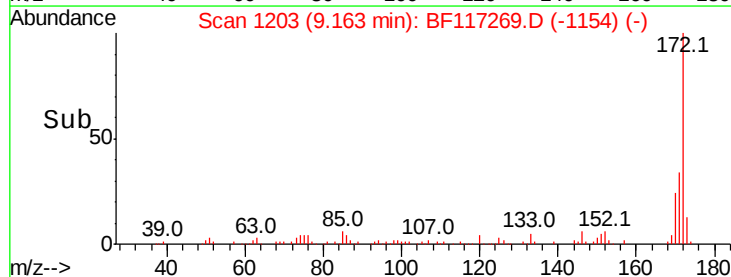
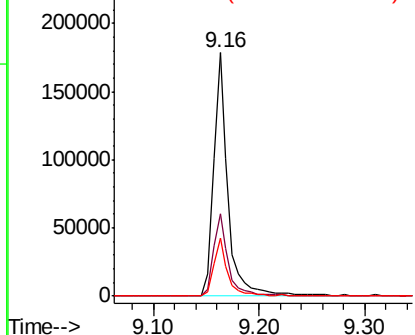


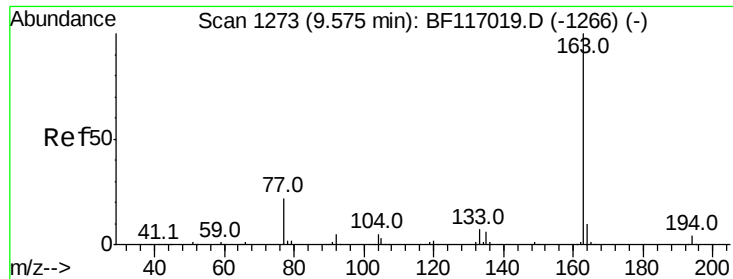
#45
 2-Fluorobiphenyl
 Concen: 45.013 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF117269.D
 Acq: 30 Sep 2019 19:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.2	42.2
170	24.0	18.9	28.3



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

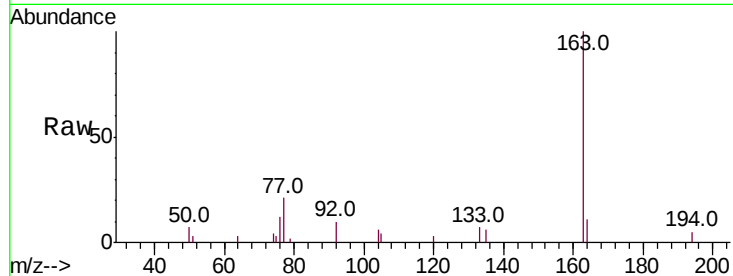




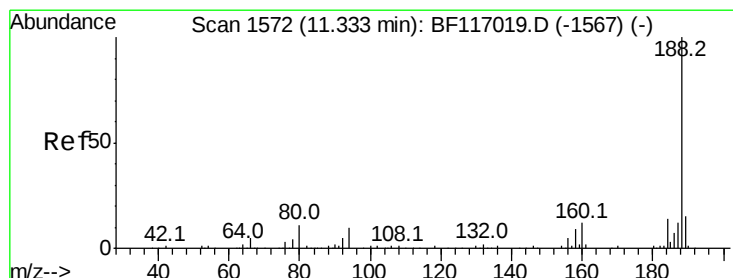
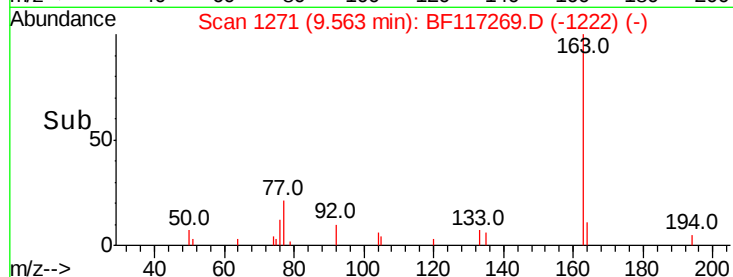
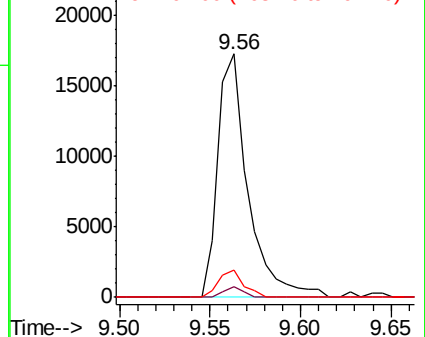
#50
Dimethylphthalate
Concen: 4.711 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Instrument :
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ClientSampleId :
FK-PS-01-060

Tot Ion:163 Resp: 19948
Ion Ratio Lower Upper
163 100
194 4.6 2.9 4.3#
164 11.4 8.2 12.4

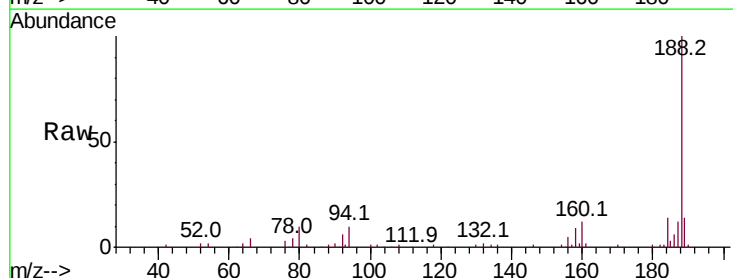


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

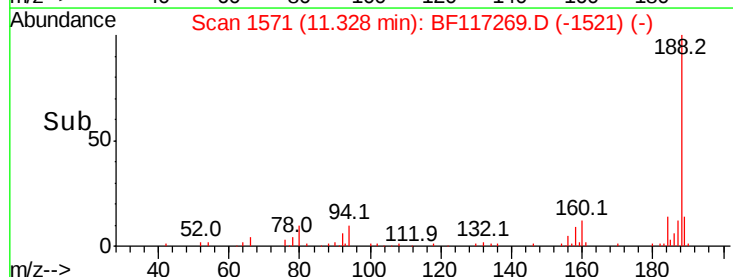
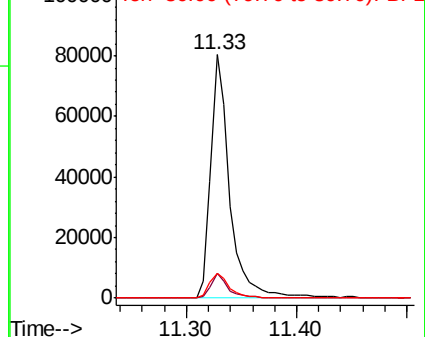


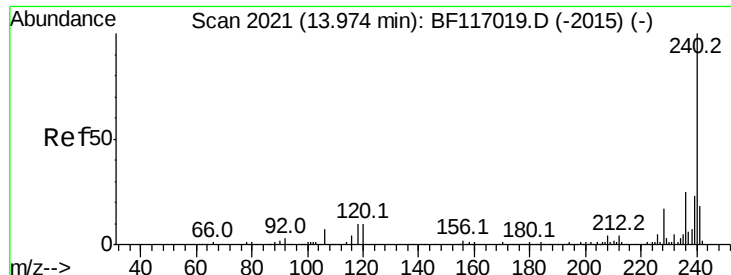
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Tgt Ion:188 Resp: 93529
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.2 9.0 13.6



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

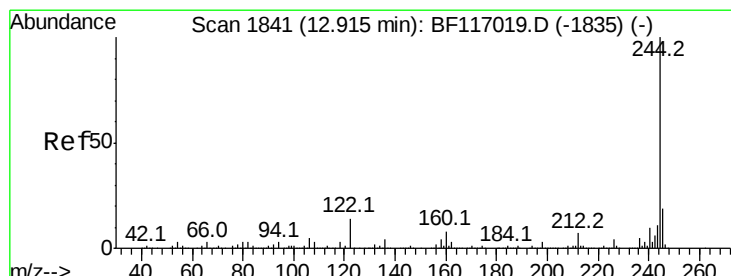
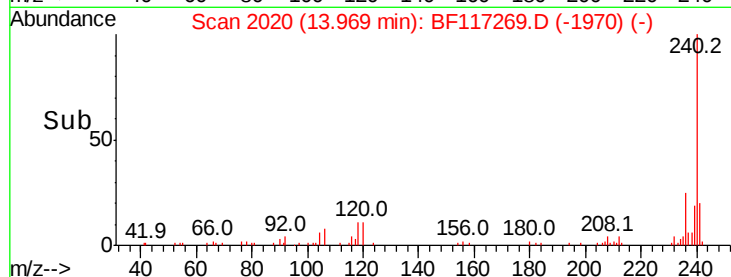
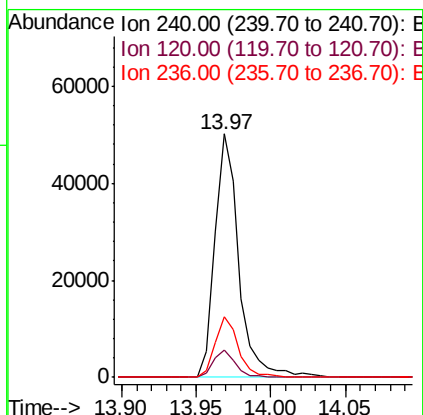
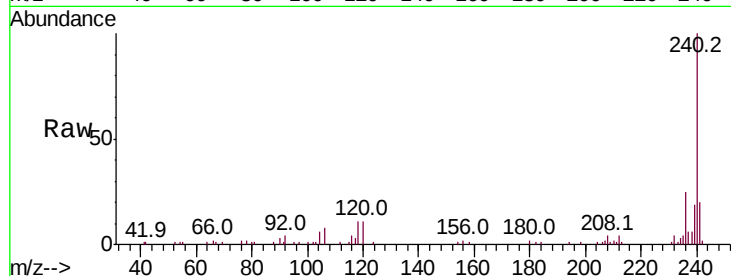




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

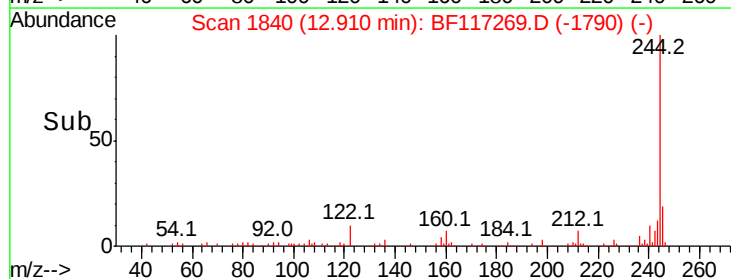
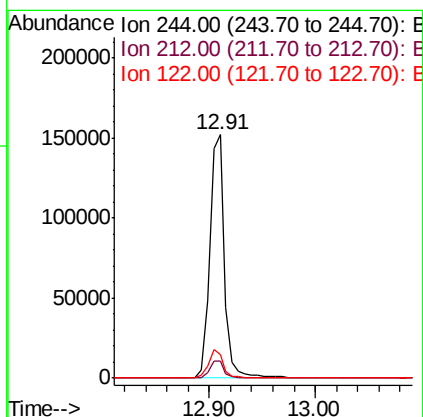
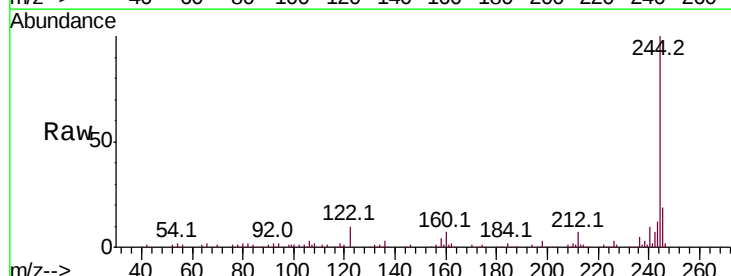
Instrument :
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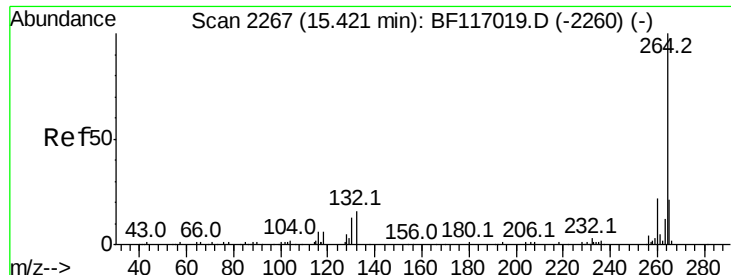
Tot Ion:240 Resp: 56181
Ion Ratio Lower Upper
240 100
120 11.0 8.3 12.5
236 24.7 20.3 30.5



#79
Terphenyl-d14
Concen: 49.190 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Tgt Ion:244 Resp: 147844
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 9.6 11.3 16.9#

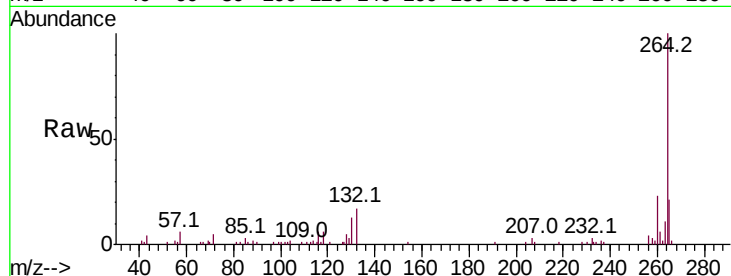




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-060

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.6	26.4
265	21.0	16.6	24.8



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

