

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113972.D
 Acq On : 24 Apr 2019 20:00
 Operator : JU/SJ
 Sample : K2540-01 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-007-A

Quant Time: Apr 25 06:57:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	133817	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	491802	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	222467	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	387018	20.00	ng	0.00
76) Chrysene-d12	14.06	240	376819	20.00	ng	0.00
87) Perylene-d12	15.57	264	352824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	16780	2.14	ng	0.00
7) Phenol-d6	6.52	99	68835	7.01	ng	0.00
23) Nitrobenzene-d5	7.45	82	48830	6.13	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	3245	1.20	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	110714	7.78	ng	0.00
79) Terphenyl-d14	13.00	244	109219	5.94	ng	0.00

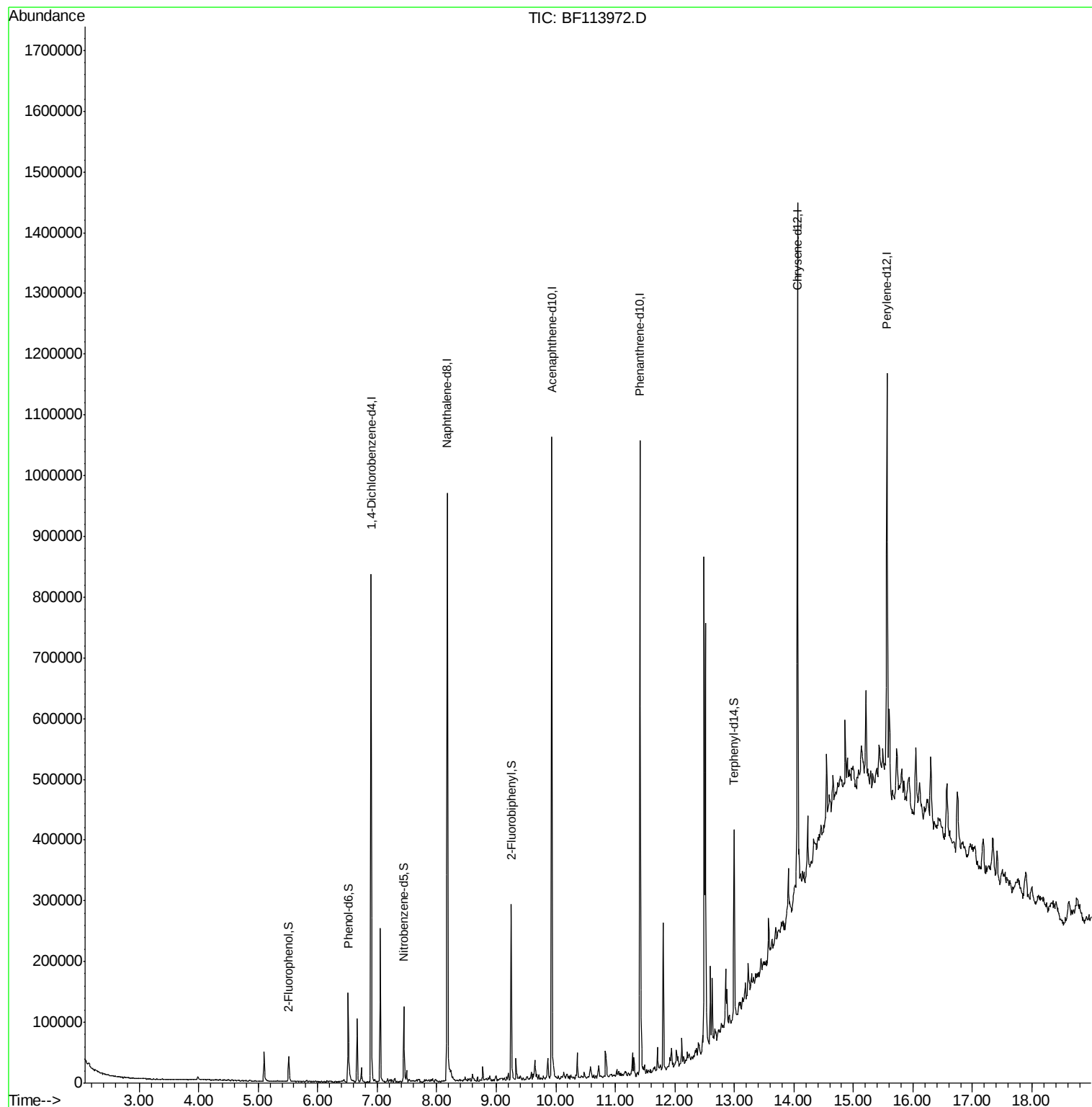
Target Compounds Qvalue

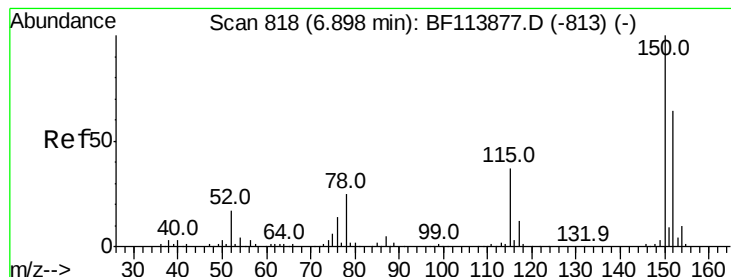
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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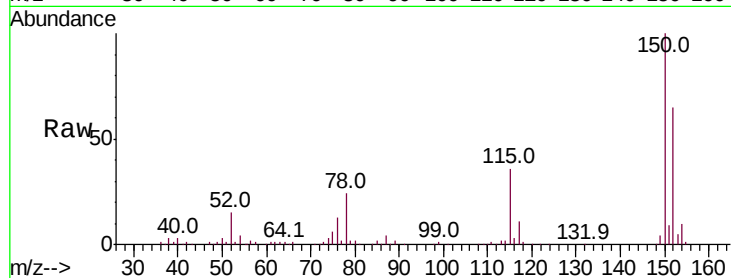


#1

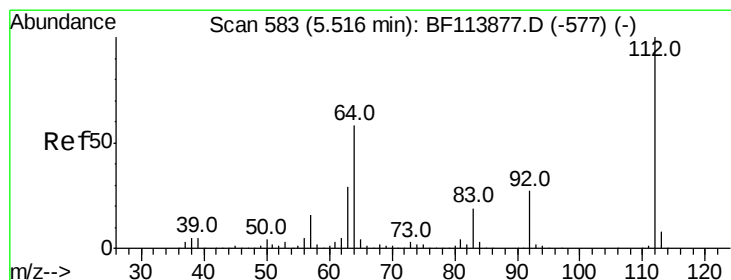
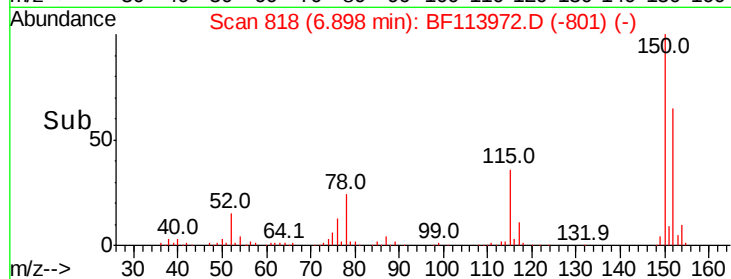
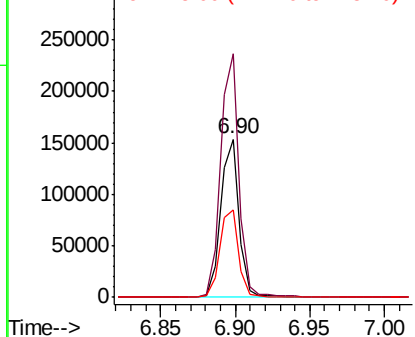
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113972.D
Acq: 24 Apr 2019 20:00

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-007-A

Tot Ion:152 Resp: 133817
Ion Ratio Lower Upper
152 100
150 153.8 125.9 188.9
115 55.2 45.9 68.9



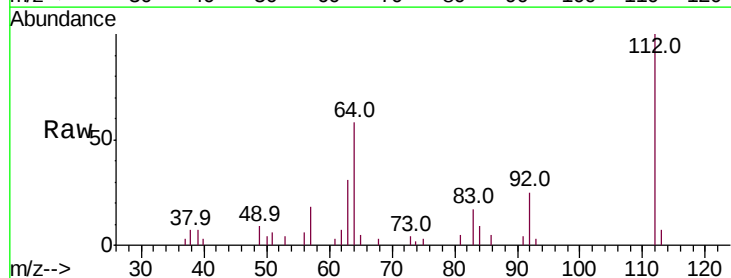
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



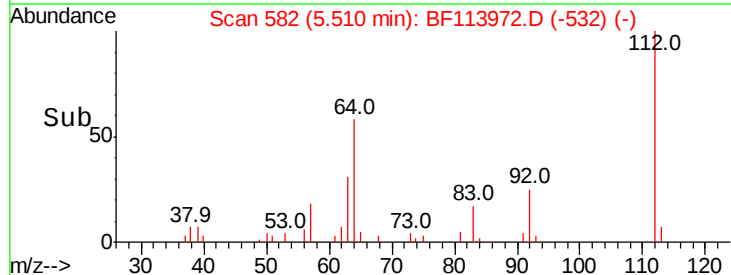
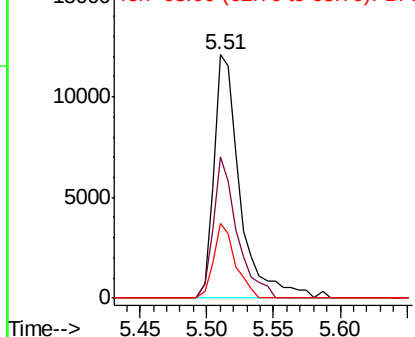
#5

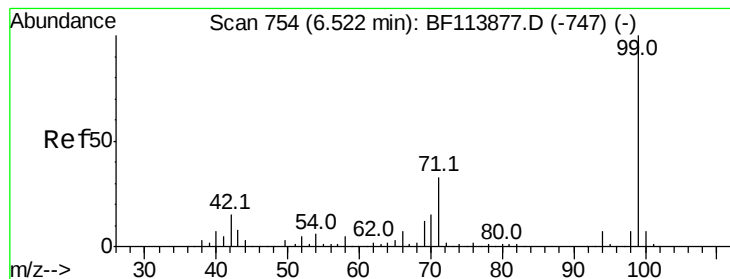
2-Fluorophenol
Concen: 2.145 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF113972.D
Acq: 24 Apr 2019 20:00

Tgt Ion:112 Resp: 16780
Ion Ratio Lower Upper
112 100
64 57.8 46.6 69.8
63 30.6 23.1 34.7



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: 7.012 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113972.D

Acq: 24 Apr 2019 20:00

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-007-A

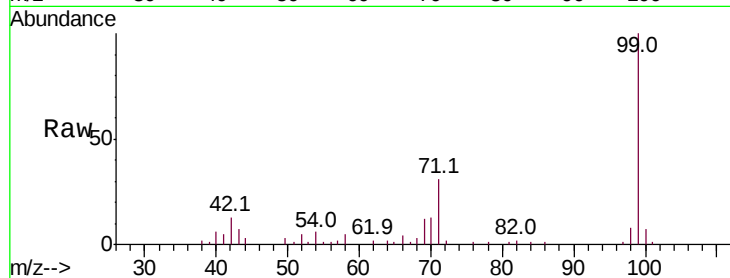
Tot Ion: 99 Resp: 68835

Ion Ratio Lower Upper

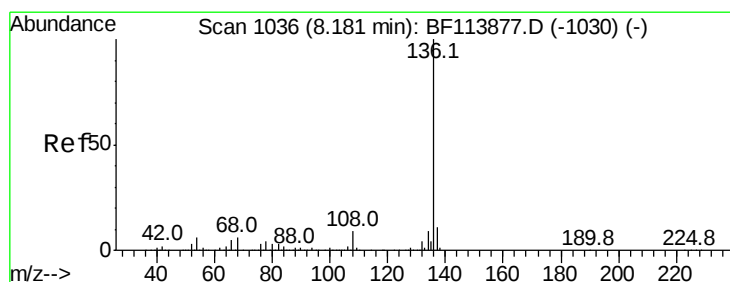
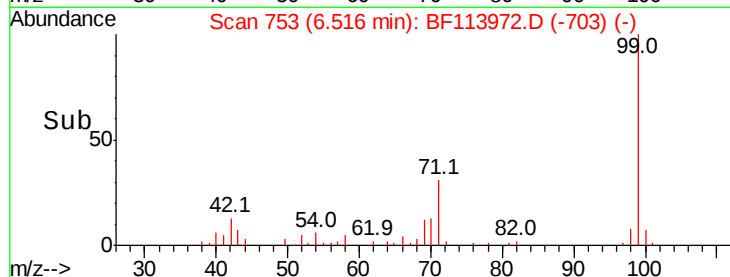
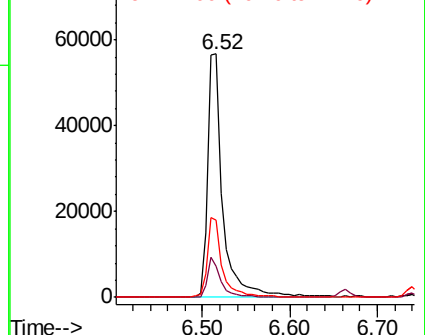
99 100

42 12.9 12.5 18.7

71 31.5 26.9 40.3



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: BF113972.D

Acq: 24 Apr 2019 20:00

Tgt Ion: 136 Resp: 491802

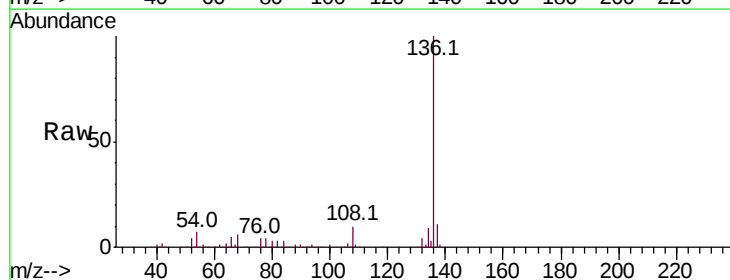
Ion Ratio Lower Upper

136 100

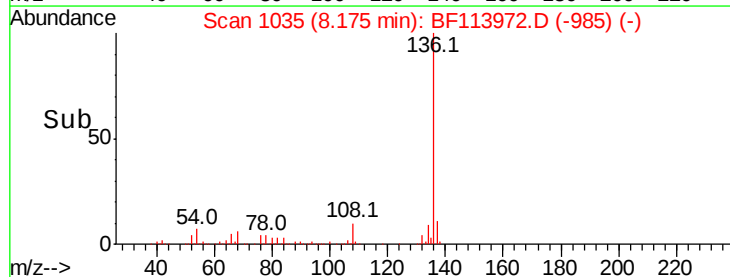
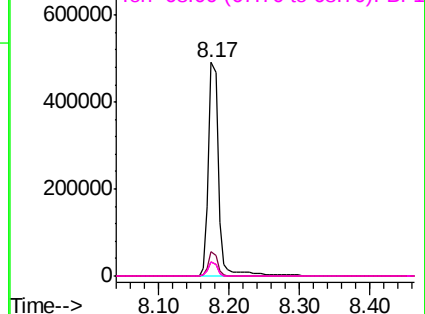
137 11.3 8.6 12.8

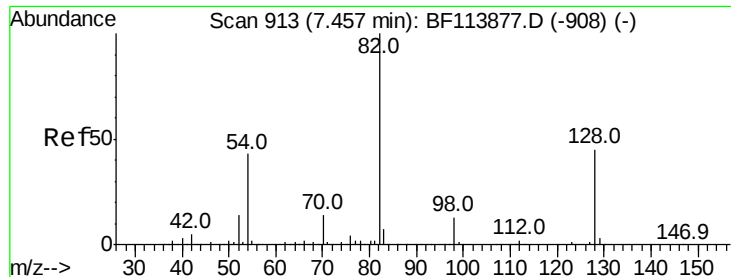
54 6.7 5.0 7.6

68 6.4 4.9 7.3



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

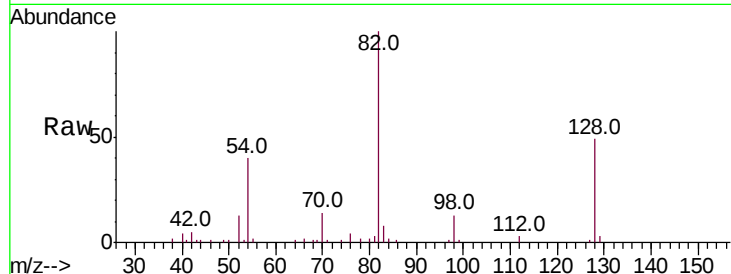




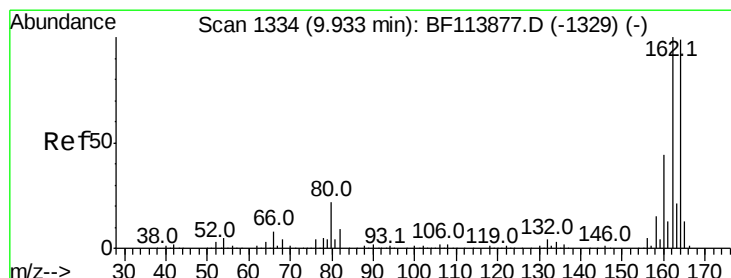
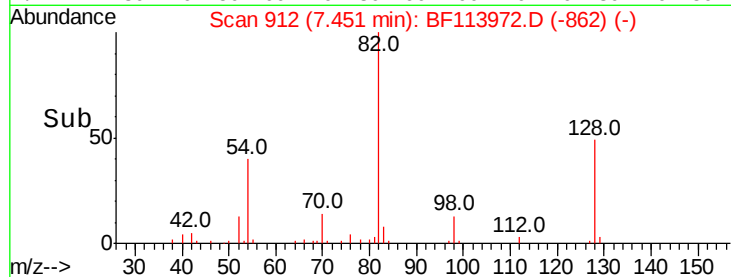
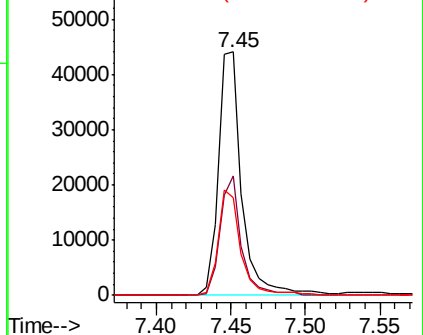
#23
 Nitrobenzene-d5
 Concen: 6.130 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113972.D
 Acq: 24 Apr 2019 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-007-A

Tot Ion	82	Resp	48830
Ion Ratio	Lower	Upper	
82	100		
128	49.3	36.8	55.2
54	40.1	33.8	50.6

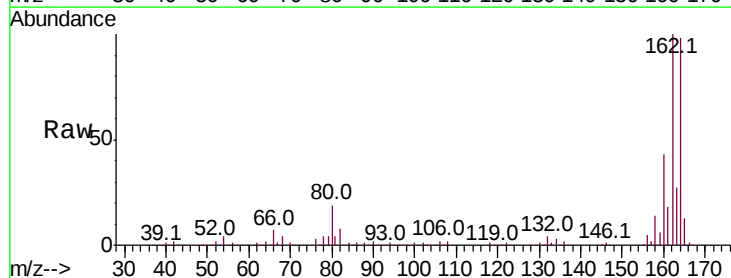


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

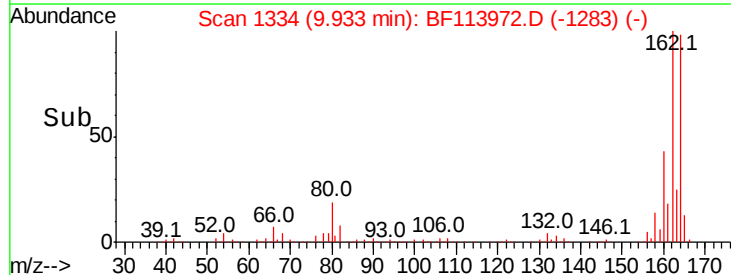
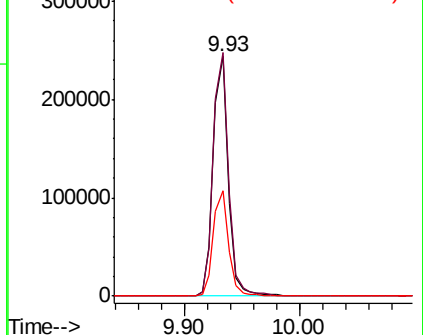


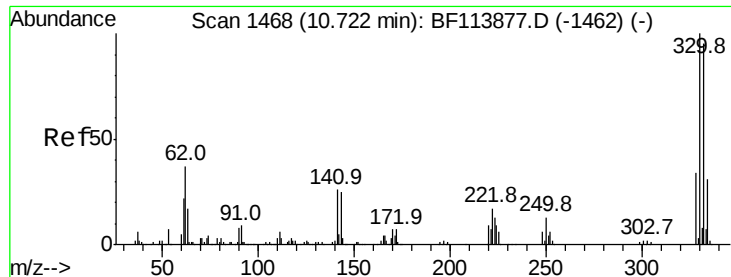
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113972.D
 Acq: 24 Apr 2019 20:00

Tgt Ion	164	Resp	222467
Ion Ratio	Lower	Upper	
164	100		
162	101.7	81.1	121.7
160	43.8	35.8	53.6



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

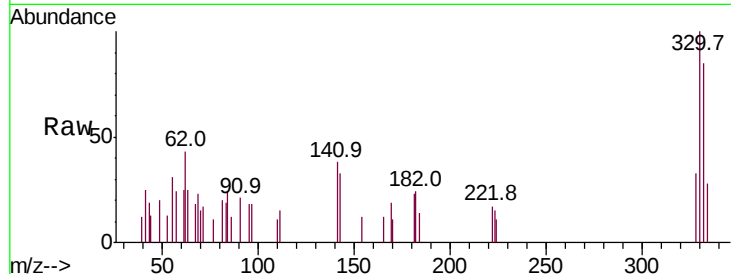




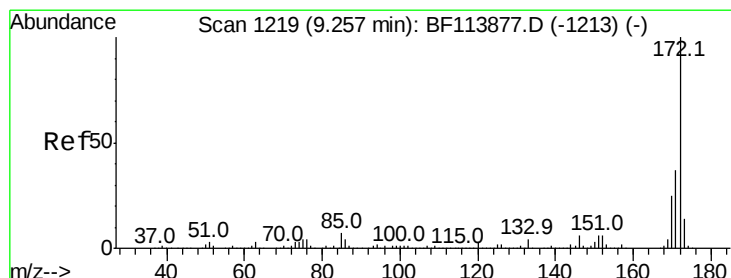
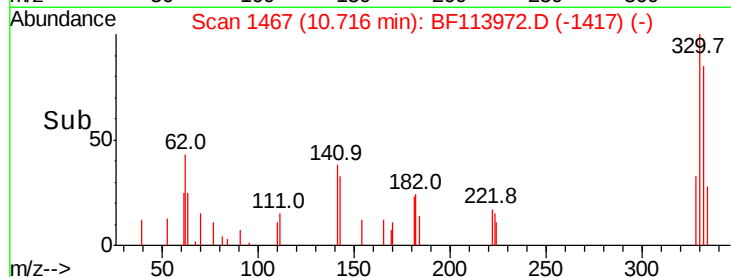
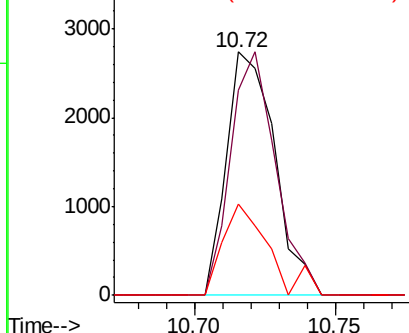
#42
 2,4,6-Tribromophenol
 Concen: 1.197 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF113972.D
 Acq: 24 Apr 2019 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-007-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.5	116.3
141	35.6	22.2	33.2#

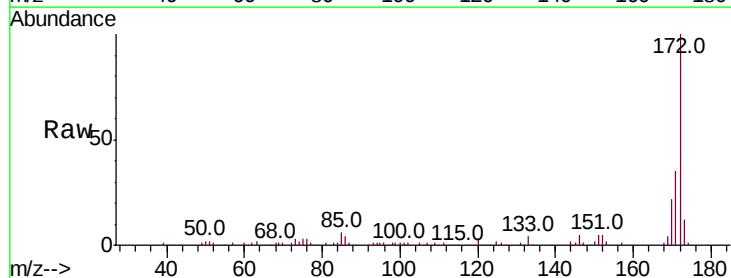


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

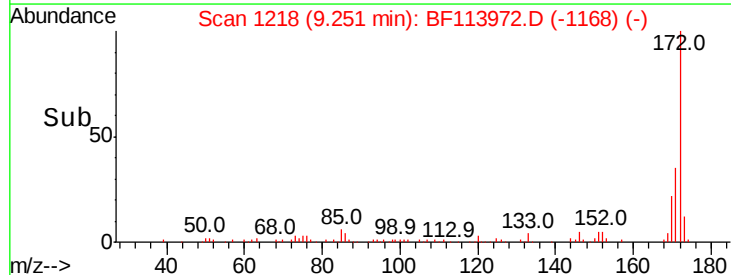
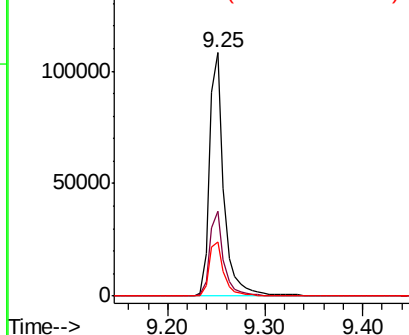


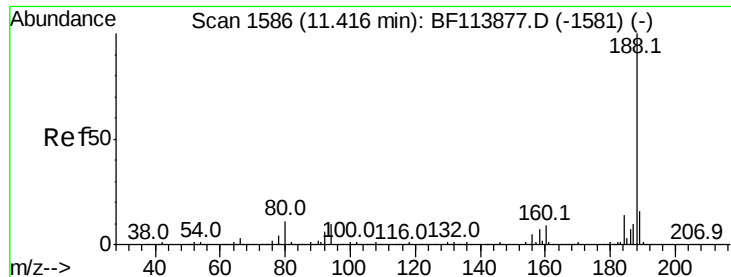
#45
 2-Fluorobiphenyl
 Concen: 7.784 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113972.D
 Acq: 24 Apr 2019 20:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.0
170	22.5	19.9	29.9



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

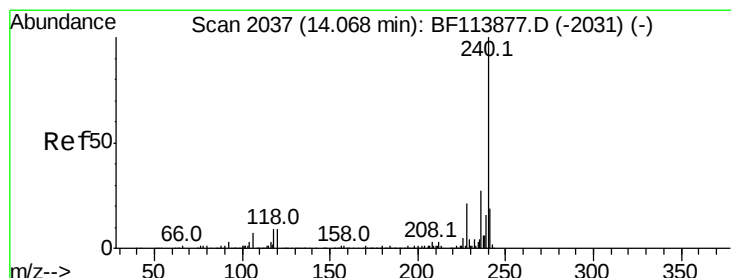
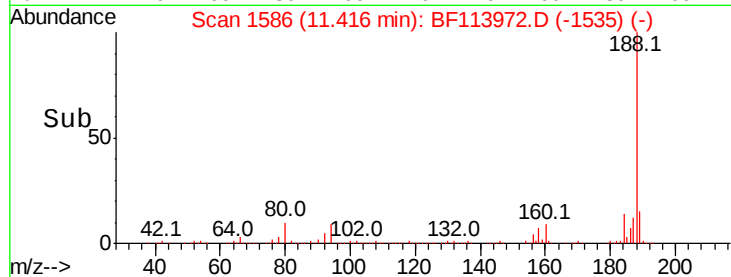
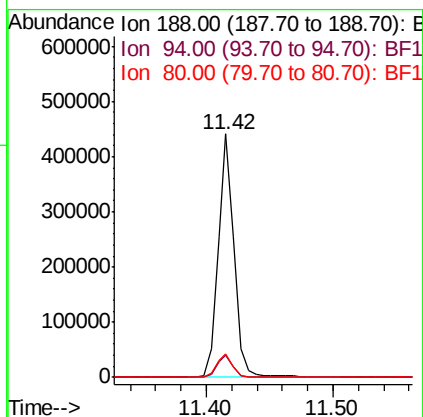
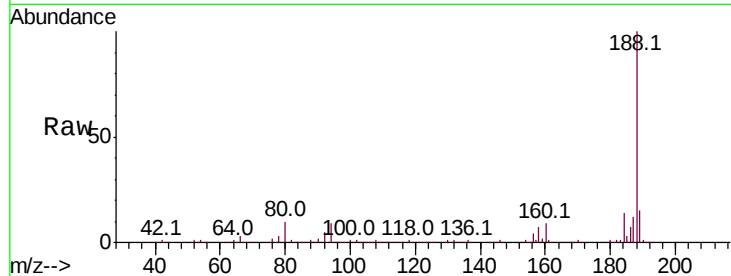




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113972.D
Acq: 24 Apr 2019 20:00

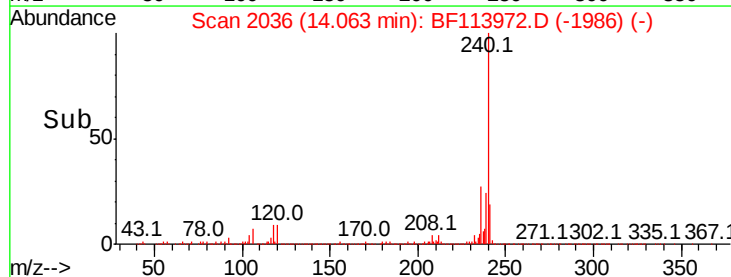
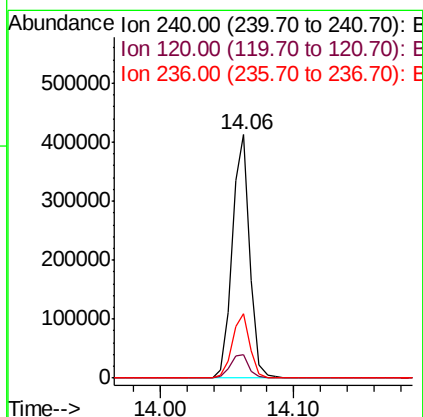
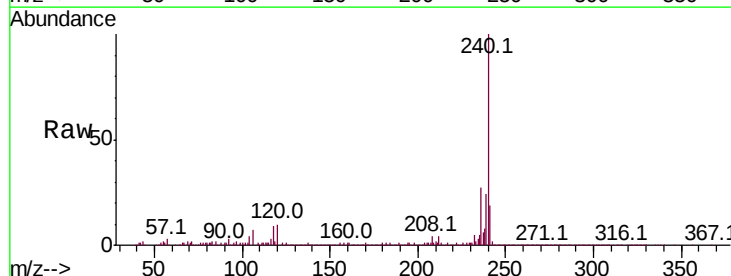
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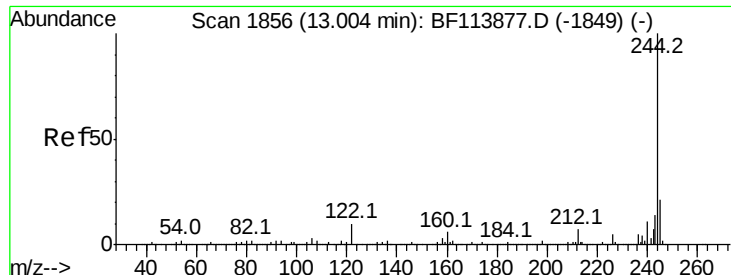
Tot Ion:188 Resp: 387018
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.4
80 9.8 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF113972.D
Acq: 24 Apr 2019 20:00

Tgt Ion:240 Resp: 376819
Ion Ratio Lower Upper
240 100
120 9.5 9.3 13.9
236 26.6 21.2 31.8





#79

Terphenyl-d14

Concen: 5.942 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF113972.D

Acq: 24 Apr 2019 20:00

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-007-A

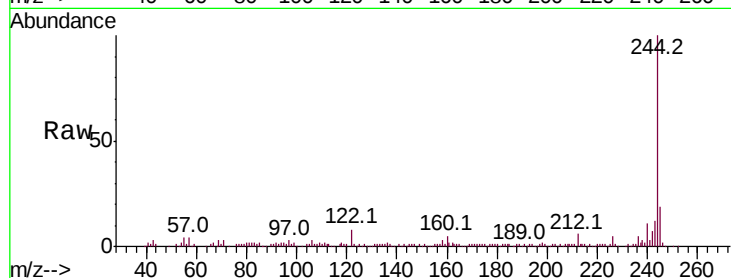
Tot Ion:244 Resp: 109219

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.2

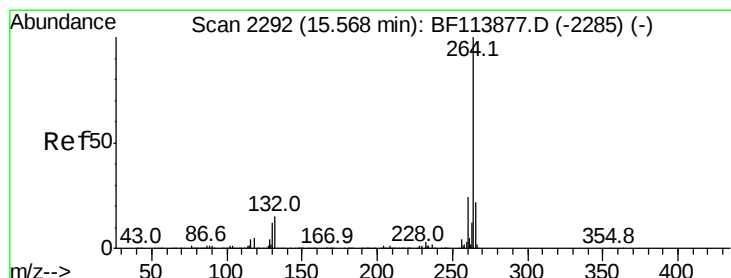
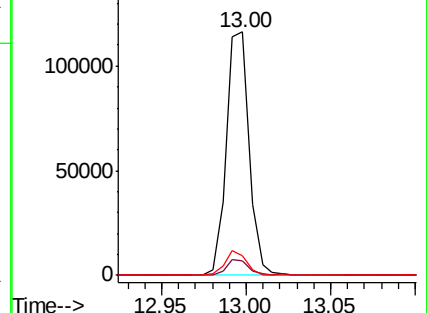
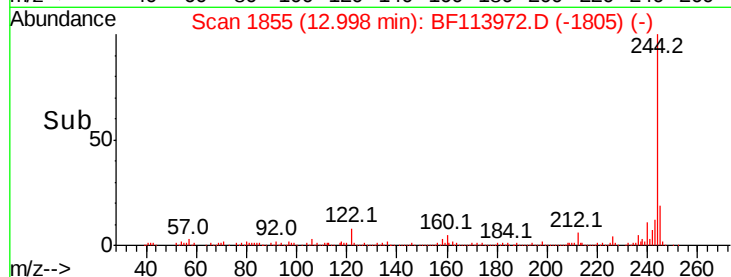
122 8.3 7.6 11.4



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: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF113972.D

Acq: 24 Apr 2019 20:00

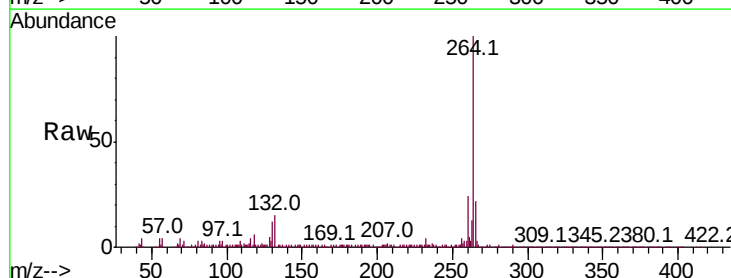
Tgt Ion:264 Resp: 352824

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.1 17.3 25.9



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

