

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113932.D
 Acq On : 23 Apr 2019 20:31
 Operator : JU/SJ
 Sample : K2204-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042219

Quant Time: Apr 24 06:59:24 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	128689	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	443504	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	198161	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	353177	20.00	ng	0.00
76) Chrysene-d12	14.06	240	367311	20.00	ng	-0.01
87) Perylene-d12	15.55	264	331993	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	799522	106.26	ng	0.02
7) Phenol-d6	6.53	99	869206	92.08	ng	0.00
23) Nitrobenzene-d5	7.46	82	686597	95.59	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	310492	128.62	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1246074	98.35	ng	0.00
79) Terphenyl-d14	13.00	244	1458978	81.43	ng	0.00

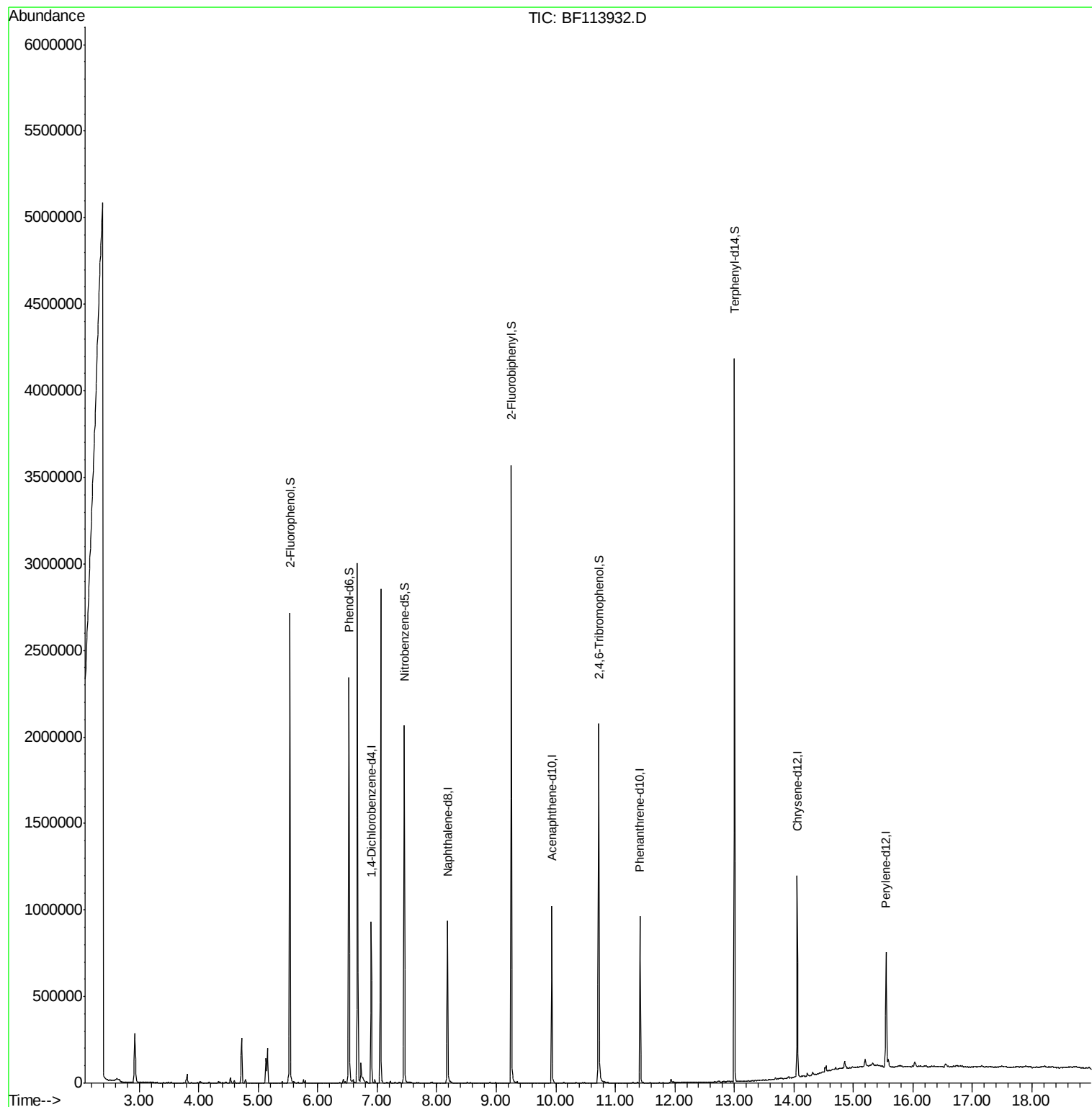
Target Compounds Qvalue

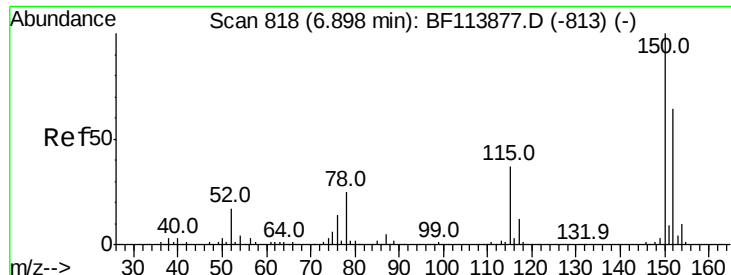
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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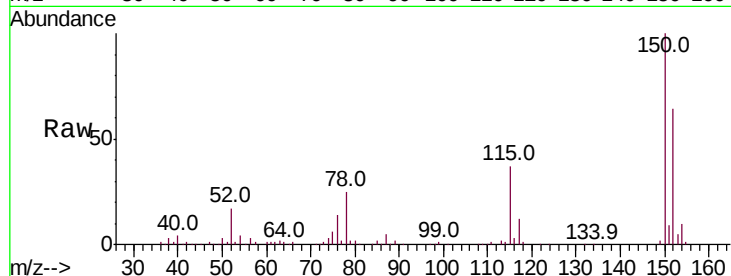


#1

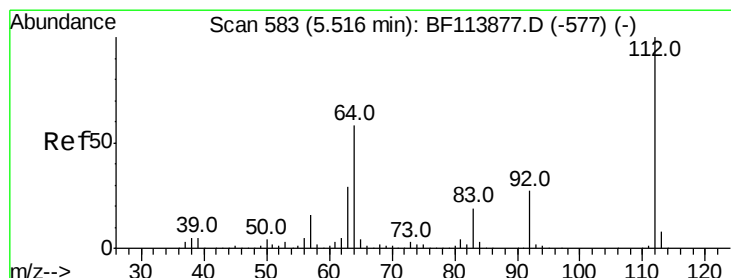
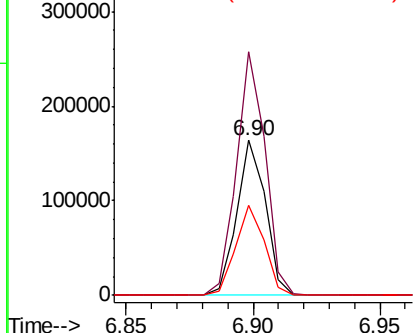
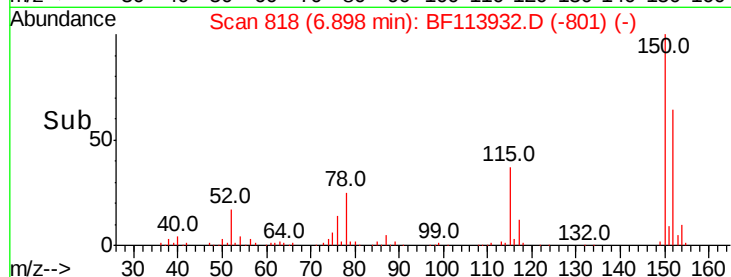
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113932.D
Acq: 23 Apr 2019 20:31

Instrument :
BNA_F
ClientSampleId :
TR-05-042219

Tot Ion:152 Resp: 128689
Ion Ratio Lower Upper
152 100
150 157.1 125.9 188.9
115 58.2 45.9 68.9



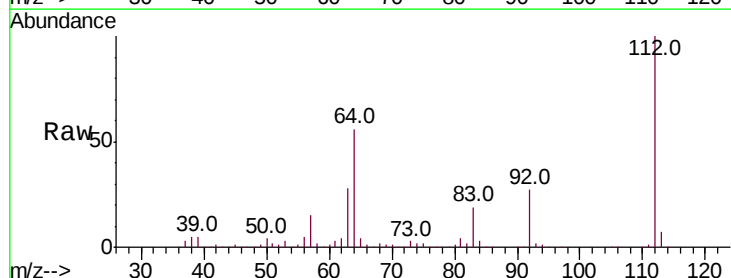
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



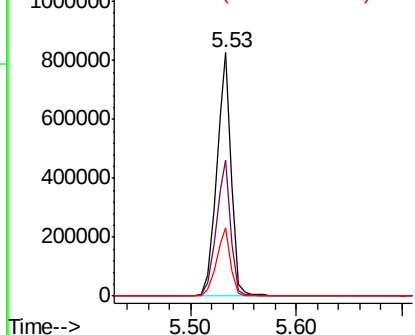
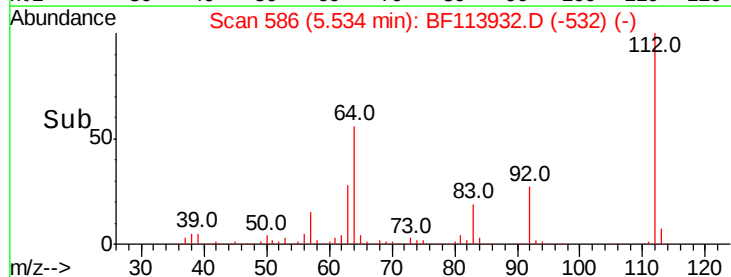
#5

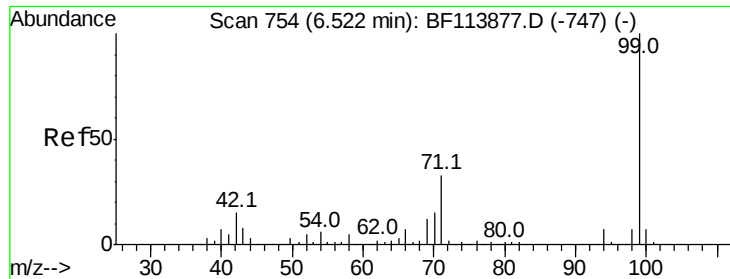
2-Fluorophenol
Concen: 106.261 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF113932.D
Acq: 23 Apr 2019 20:31

Tgt Ion:112 Resp: 799522
Ion Ratio Lower Upper
112 100
64 55.9 46.6 69.8
63 28.0 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: 92.078 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113932.D

Acq: 23 Apr 2019 20:31

Instrument :

BNA_F

ClientSampleId :

TR-05-042219

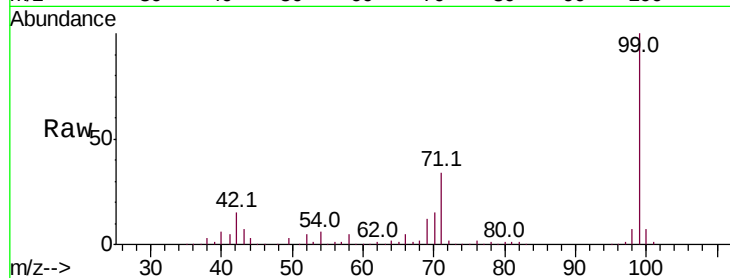
Tot Ion: 99 Resp: 869206

Ion Ratio Lower Upper

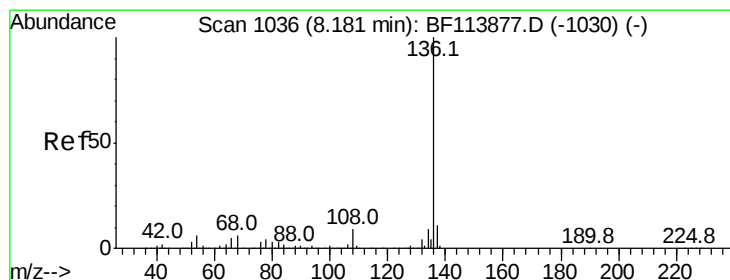
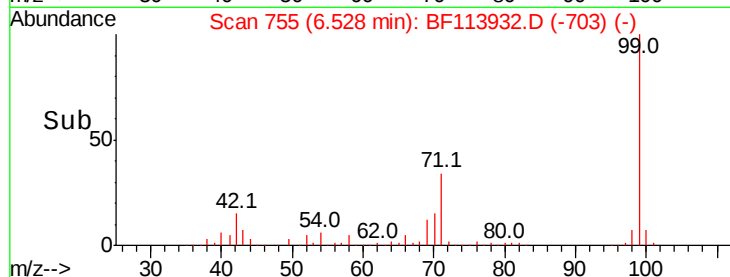
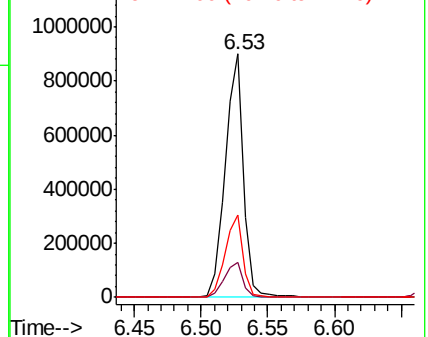
99 100

42 14.5 12.5 18.7

71 33.6 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: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF113932.D

Acq: 23 Apr 2019 20:31

Tgt Ion: 136 Resp: 443504

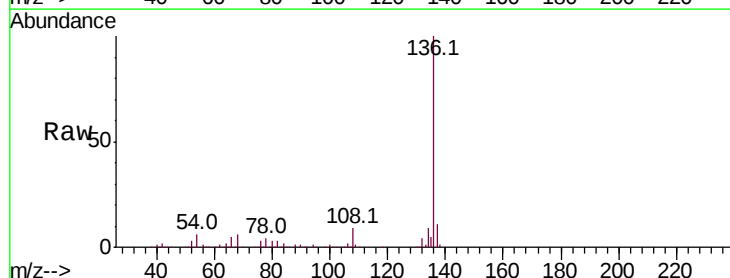
Ion Ratio Lower Upper

136 100

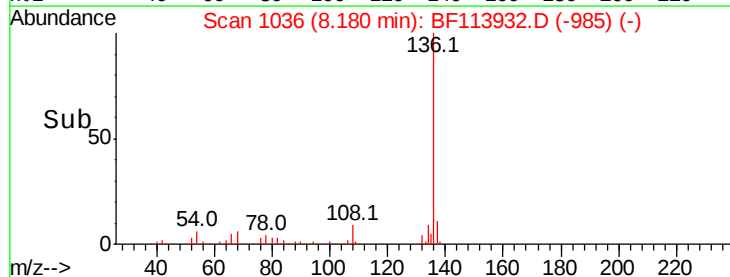
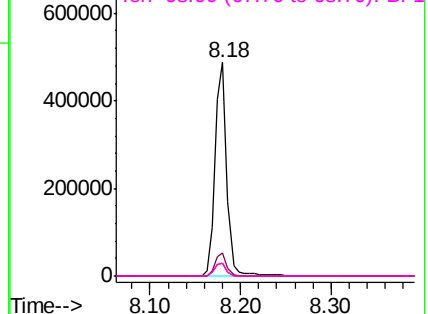
137 10.8 8.6 12.8

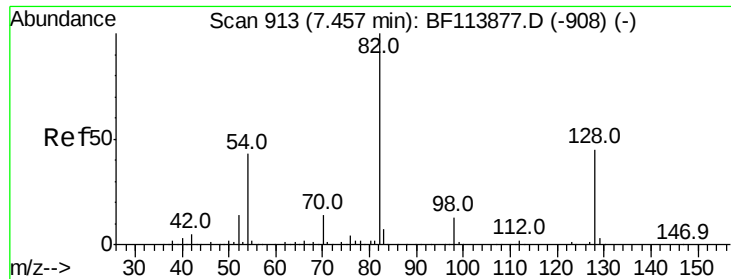
54 5.9 5.0 7.6

68 5.9 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

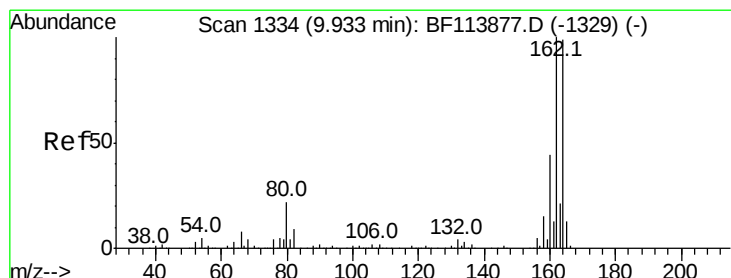
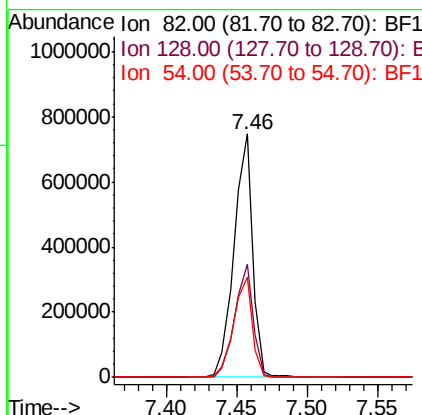
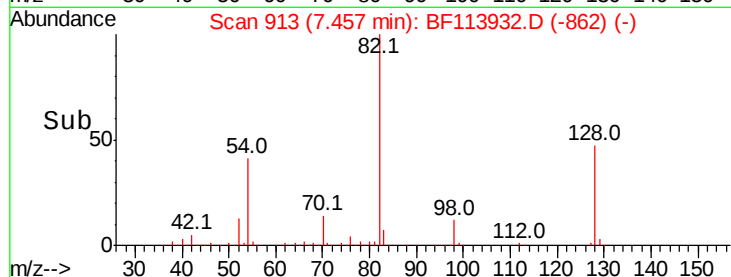
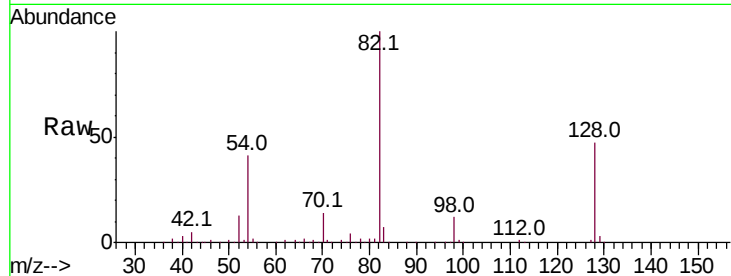




#23
 Nitrobenzene-d5
 Concen: 95.587 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF113932.D
 Acq: 23 Apr 2019 20:31

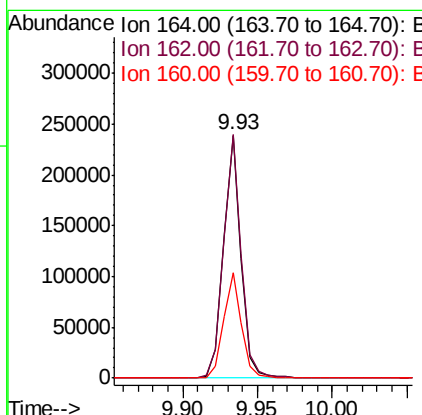
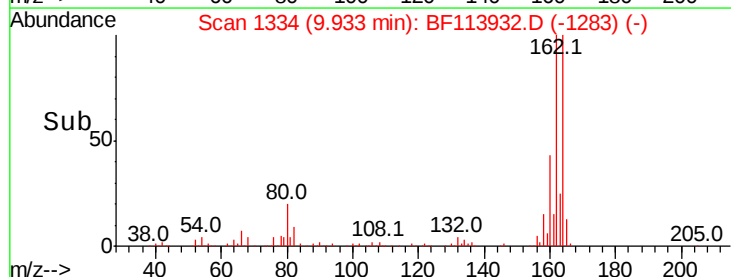
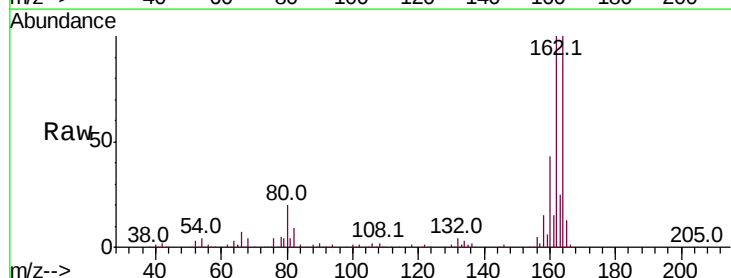
Instrument :
 BNA_F
 ClientSampled :
 TR-05-042219

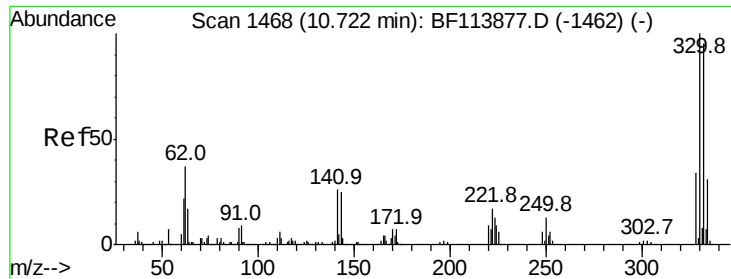
Tot Ion	82	Resp	686597
Ion Ratio	Lower	Upper	
82	100		
128	46.6	36.8	55.2
54	41.4	33.8	50.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF113932.D
 Acq: 23 Apr 2019 20:31

Tgt Ion	164	Resp	198161
Ion Ratio	Lower	Upper	
164	100		
162	100.3	81.1	121.7
160	43.5	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 128.621 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF113932.D

Acq: 23 Apr 2019 20:31

Instrument :

BNA_F

ClientSampleId :

TR-05-042219

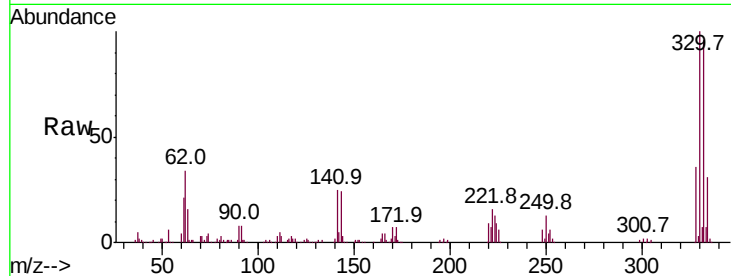
Tot Ion:330 Resp: 310492

Ion Ratio Lower Upper

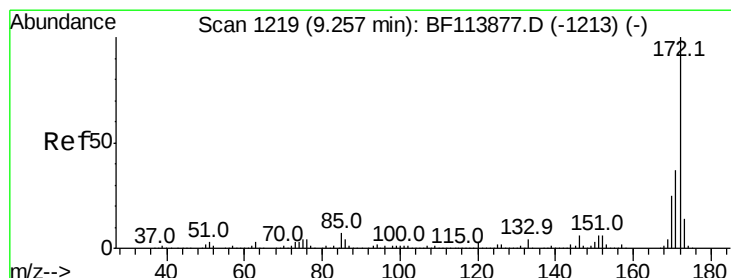
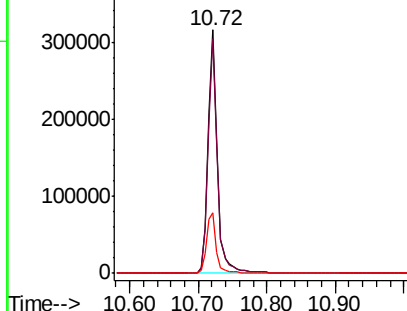
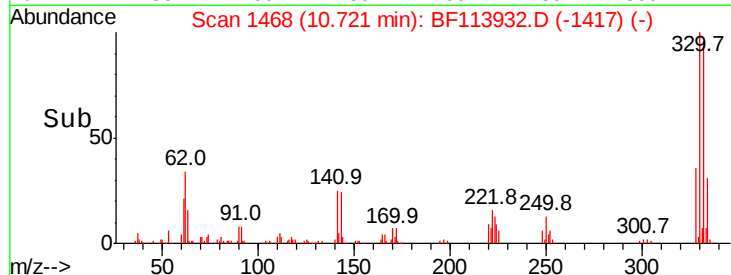
330 100

332 96.4 77.5 116.3

141 26.2 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: 98.349 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF113932.D

Acq: 23 Apr 2019 20:31

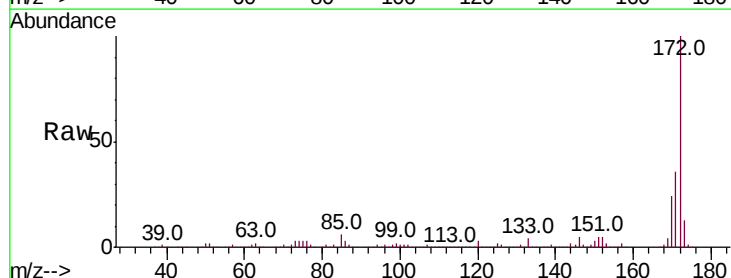
Tgt Ion:172 Resp: 1246074

Ion Ratio Lower Upper

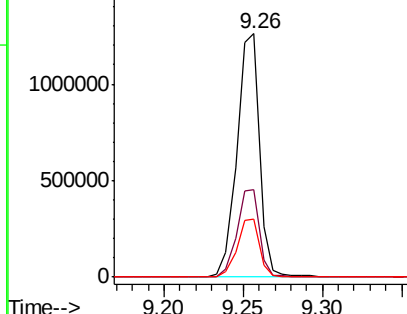
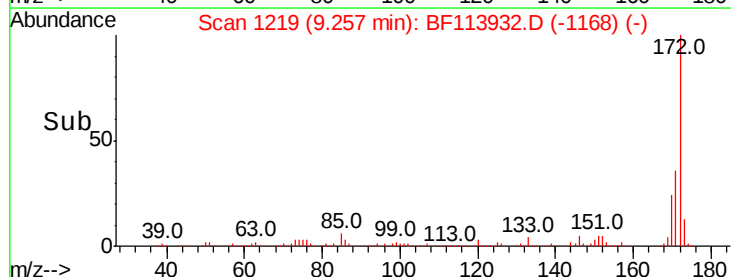
172 100

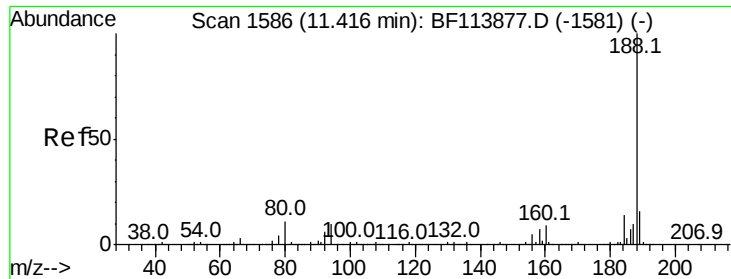
171 36.0 29.4 44.0

170 24.0 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

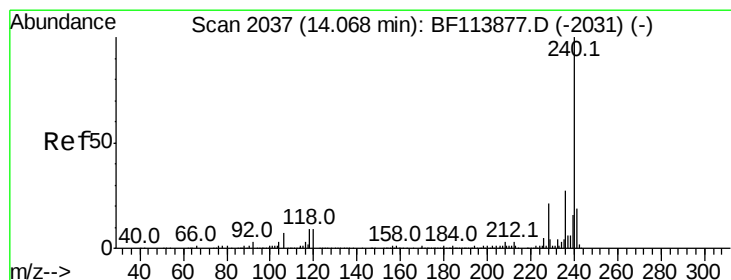
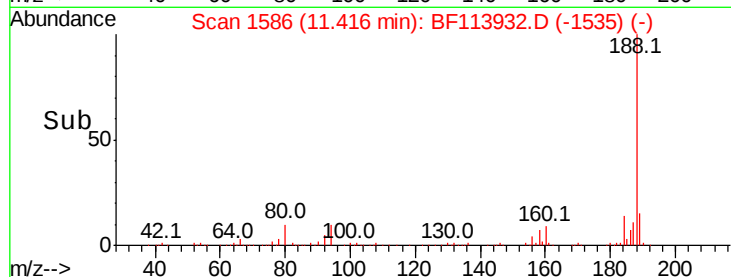
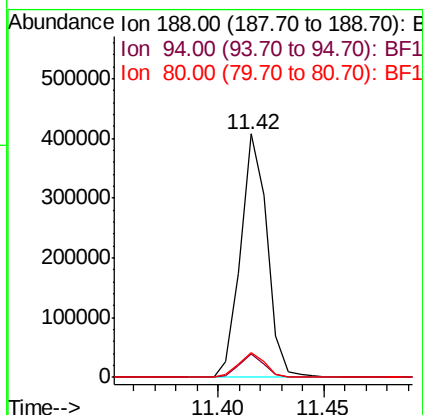
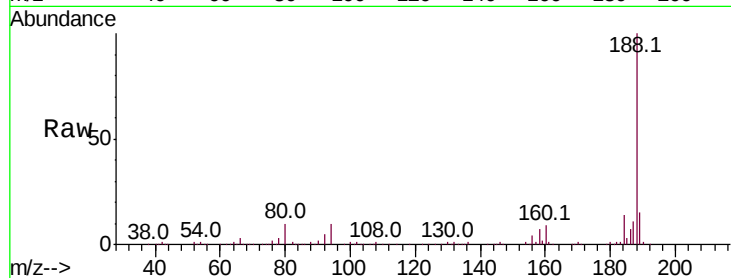




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF113932.D
Acq: 23 Apr 2019 20:31

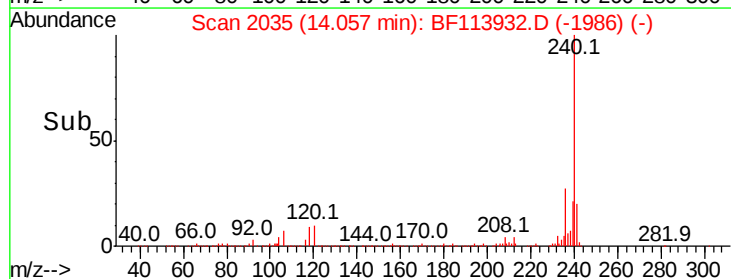
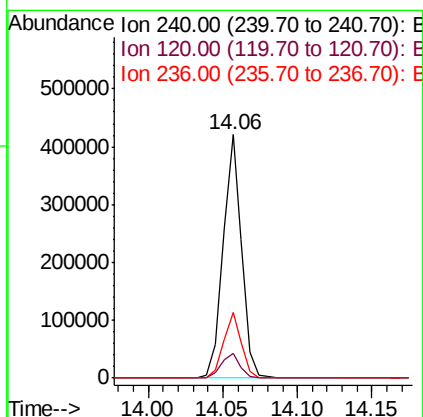
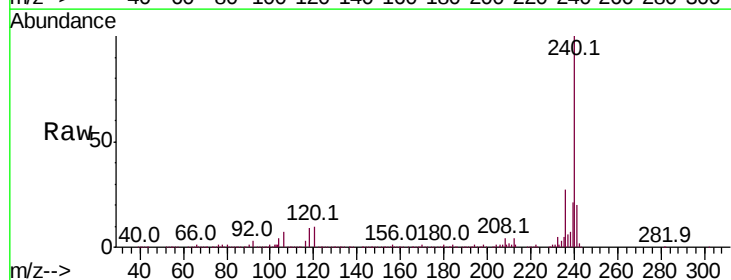
Instrument :
BNA_F
ClientSampleId :
TR-05-042219

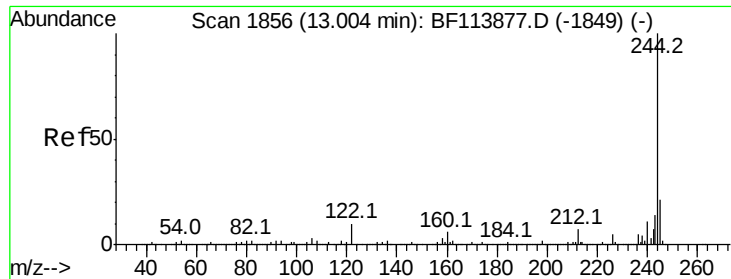
Tot Ion:188 Resp: 353177
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.4
80 10.4 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113932.D
Acq: 23 Apr 2019 20:31

Tgt Ion:240 Resp: 367311
Ion Ratio Lower Upper
240 100
120 10.2 9.3 13.9
236 26.8 21.2 31.8





#79

Terphenyl-d14

Concen: 81.432 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF113932.D

Acq: 23 Apr 2019 20:31

Instrument :

BNA_F

ClientSampleId :

TR-05-042219

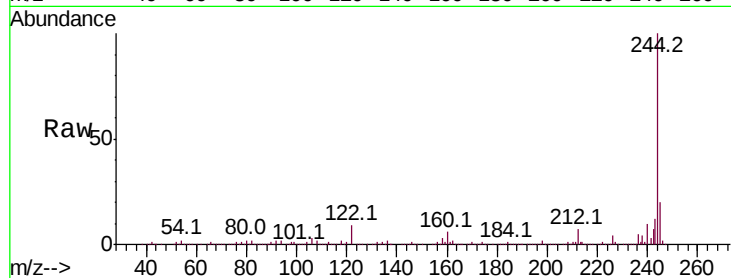
Tot Ion:244 Resp: 1458978

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

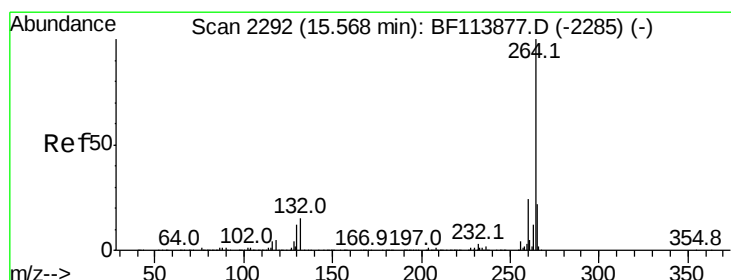
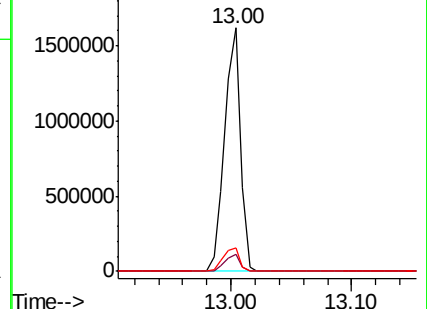
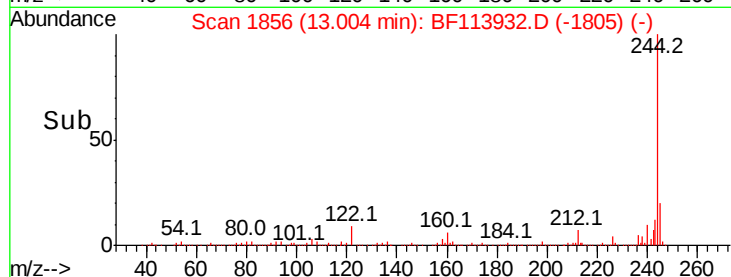
122 9.4 7.6 11.4



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: 15.55 min Scan# 2289

Delta R.T. -0.02 min

Lab File: BF113932.D

Acq: 23 Apr 2019 20:31

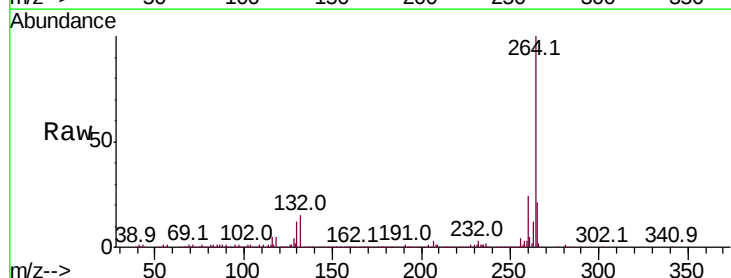
Tgt Ion:264 Resp: 331993

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.4 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

