

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113993.D
 Acq On : 25 Apr 2019 22:13
 Operator : JU/SJ
 Sample : K2566-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S37-0019

Quant Time: Apr 26 06:23:28 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	6.89	152	102134	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	388833	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	207545	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	440974	20.00	ng	0.00
76) Chrysene-d12	14.05	240	423225	20.00	ng	-0.02
87) Perylene-d12	15.53	264	433322	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	283538	47.48	ng	0.00
7) Phenol-d6	6.52	99	218888	29.22	ng	0.00
23) Nitrobenzene-d5	7.45	82	567373	90.09	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	333904	132.07	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1182189	89.09	ng	0.00
79) Terphenyl-d14	13.00	244	1652547	80.05	ng	0.00

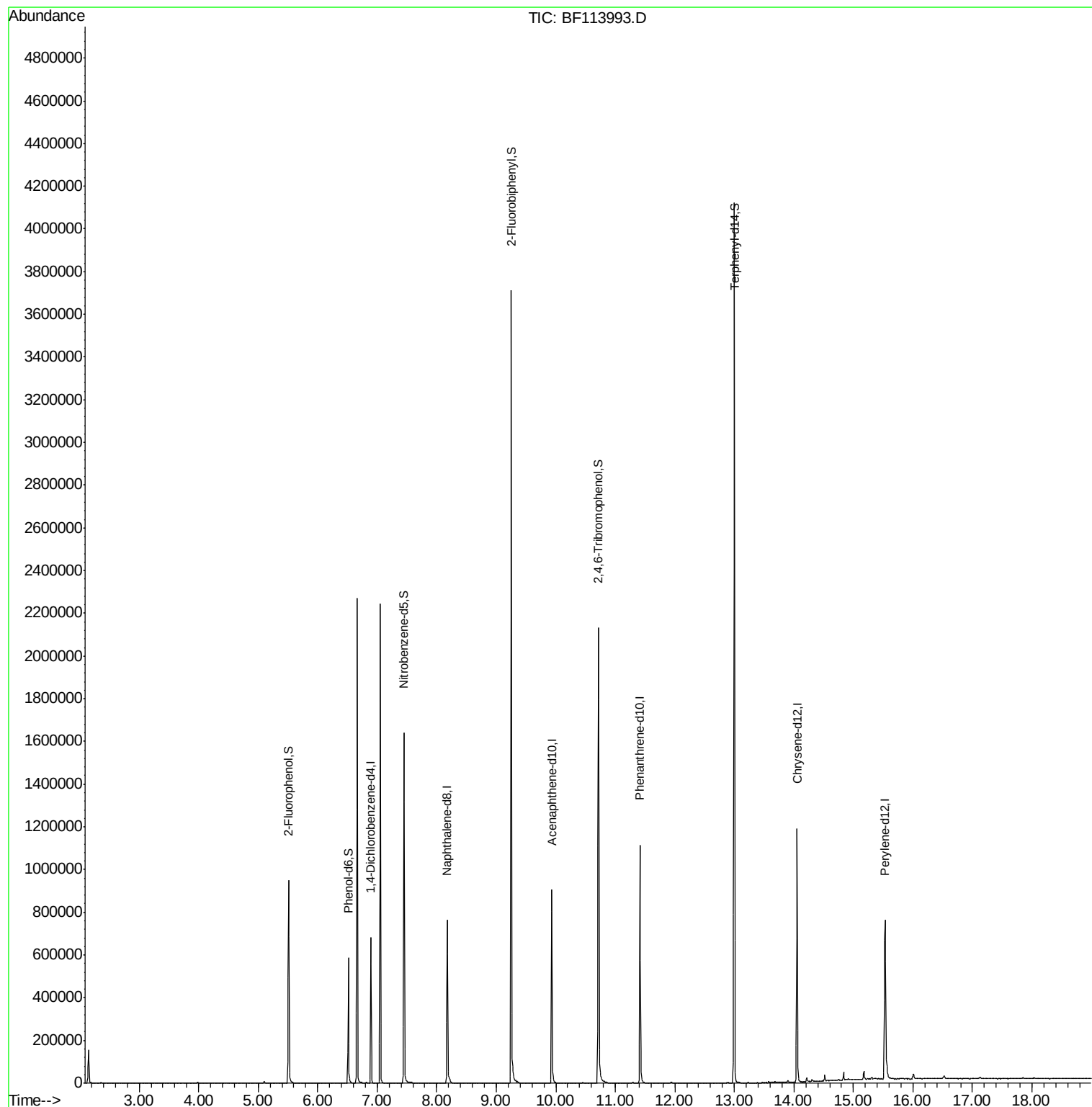
Target Compounds Qvalue

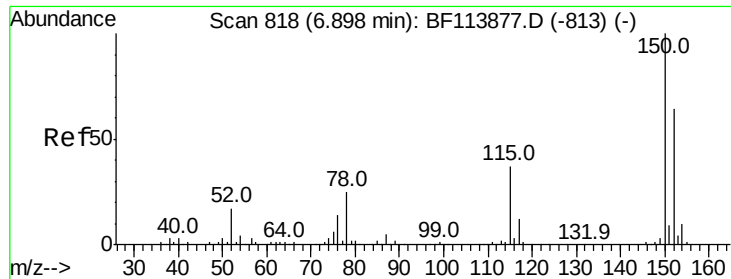
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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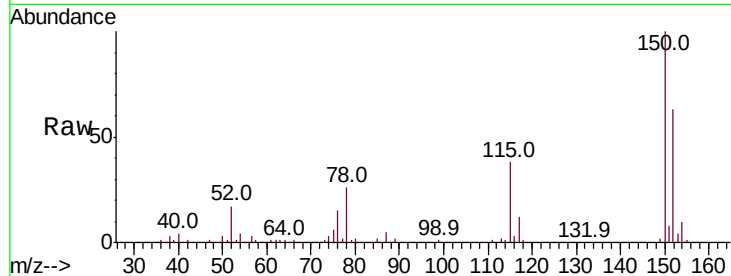


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF113993.D
 Acq: 25 Apr 2019 22:13

Instrument :
 BNA_F
 ClientSampleId :
 S37-0019

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.9	188.9
115	59.8	45.9	68.9

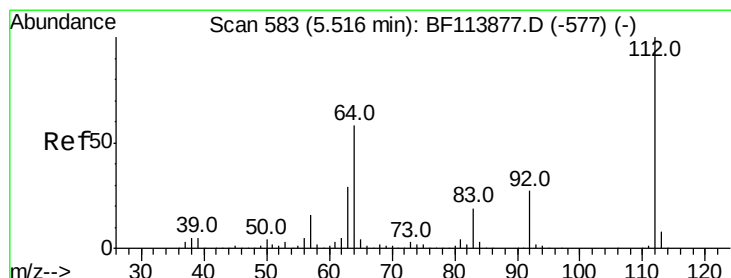
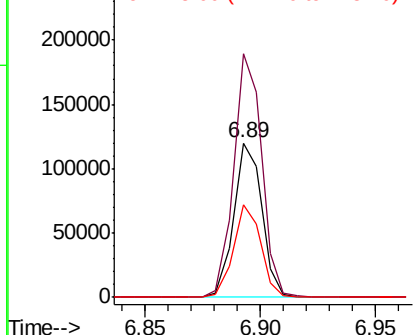
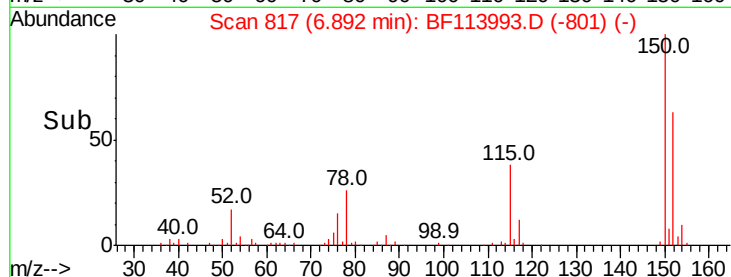


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

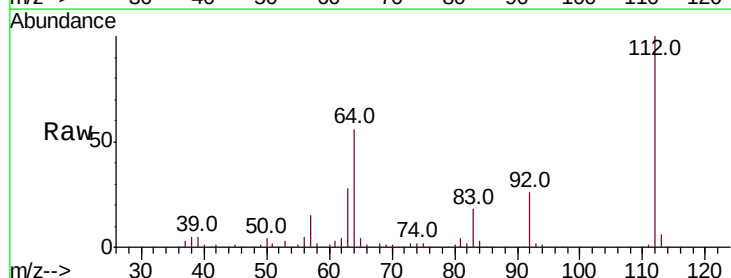
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 47.482 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF113993.D
 Acq: 25 Apr 2019 22:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.6	69.8
63	28.3	23.1	34.7

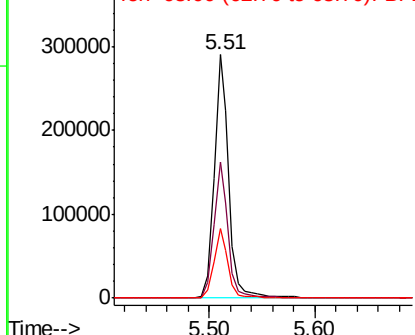
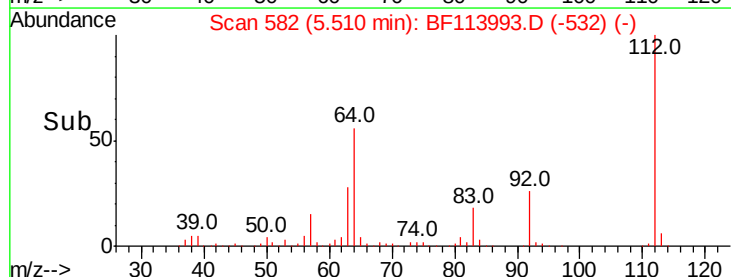


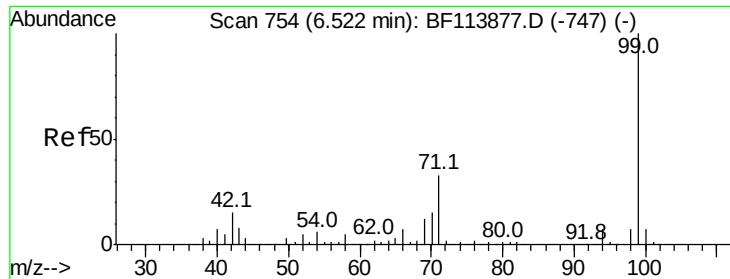
Abundance

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: 29.216 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113993.D

Acq: 25 Apr 2019 22:13

Instrument :

BNA_F

ClientSampled :

S37-0019

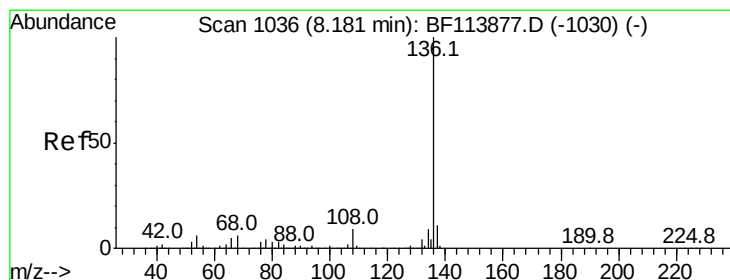
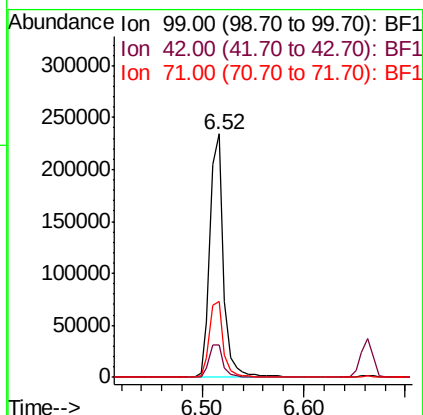
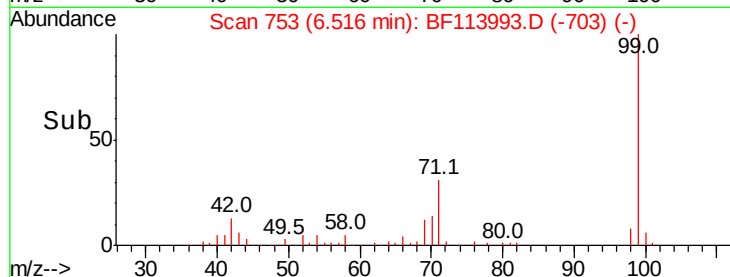
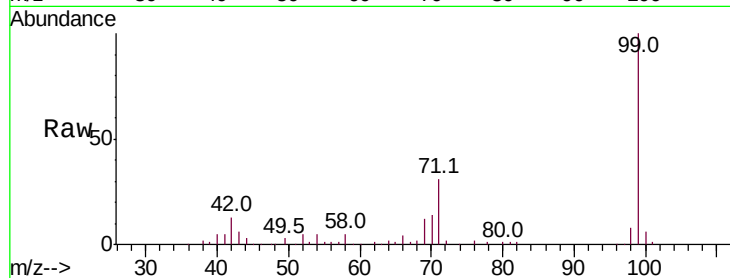
Tot Ion: 99 Resp: 218888

Ion Ratio Lower Upper

99 100

42 13.1 12.5 18.7

71 31.4 26.9 40.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113993.D

Acq: 25 Apr 2019 22:13

Tgt Ion: 136 Resp: 388833

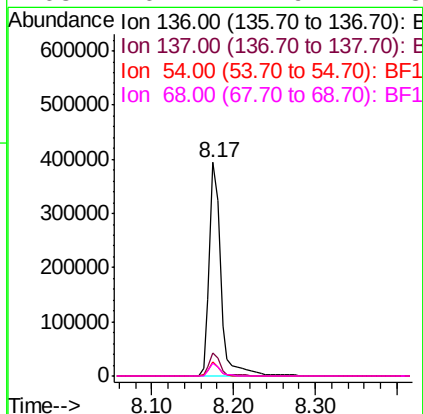
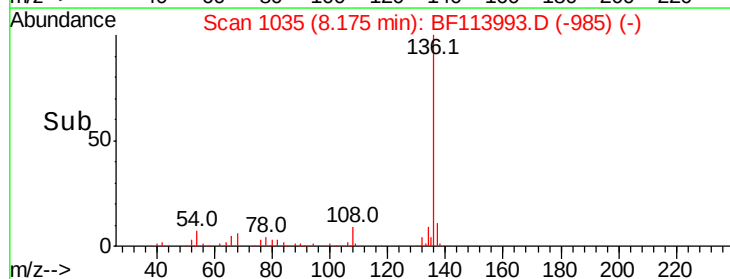
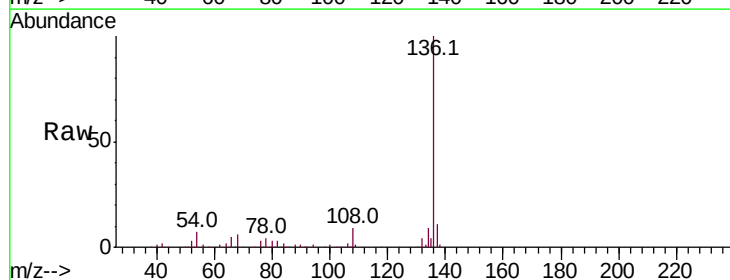
Ion Ratio Lower Upper

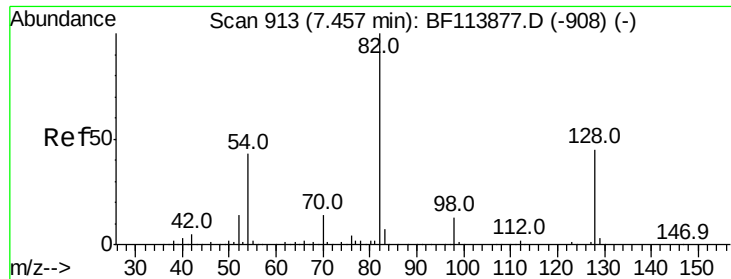
136 100

137 11.1 8.6 12.8

54 6.5 5.0 7.6

68 6.2 4.9 7.3

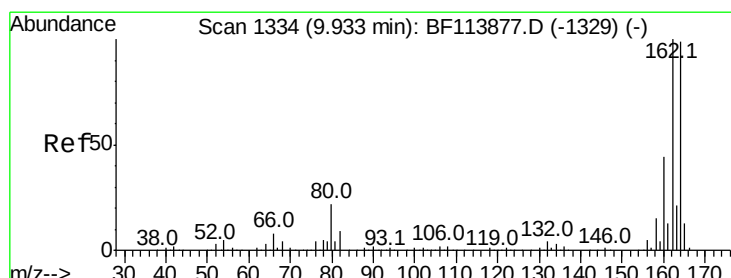
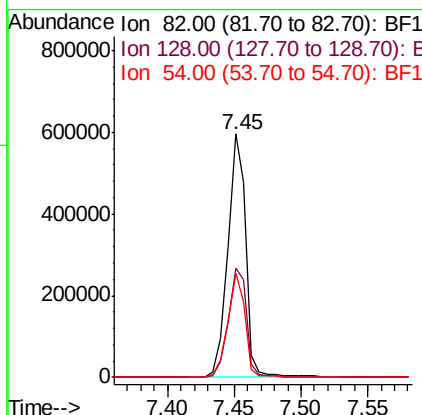
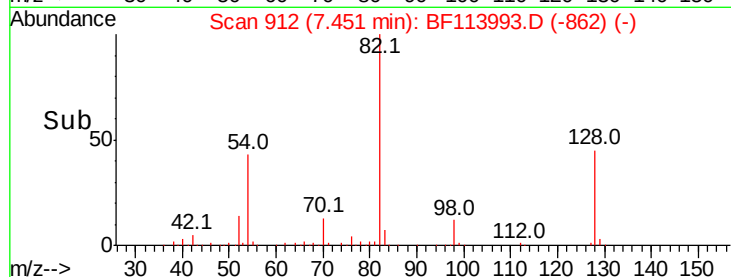
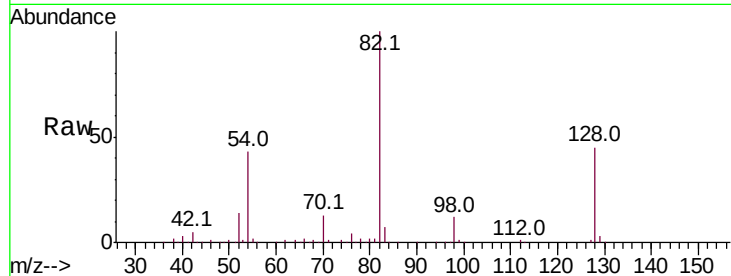




#23
Nitrobenzene-d5
Concen: 90.095 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113993.D
Acq: 25 Apr 2019 22:13

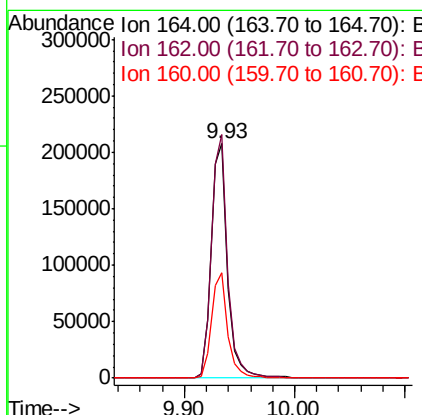
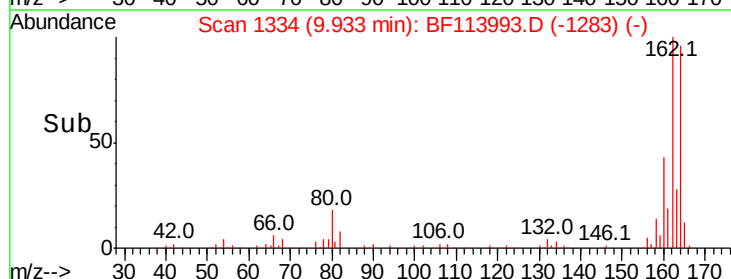
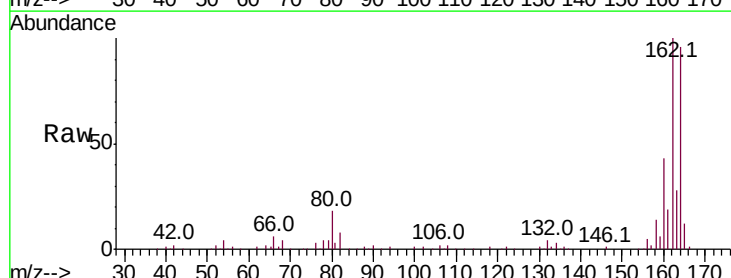
Instrument :
BNA_F
ClientSampleId :
S37-0019

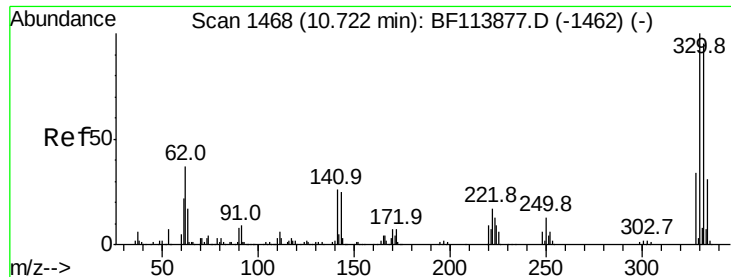
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.8	55.2
54	42.7	33.8	50.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113993.D
Acq: 25 Apr 2019 22:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.1	121.7
160	44.7	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 132.065 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF113993.D

Acq: 25 Apr 2019 22:13

Instrument :

BNA_F

ClientSampleId :

S37-0019

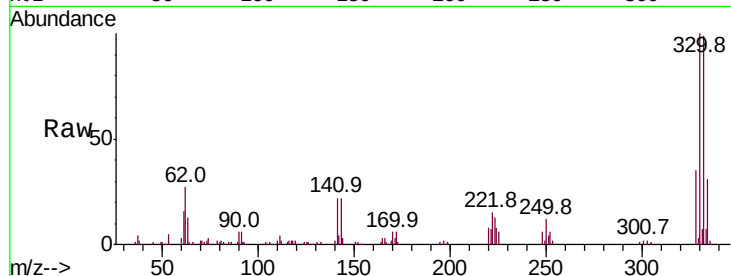
Tot Ion:330 Resp: 333904

Ion Ratio Lower Upper

330 100

332 97.8 77.5 116.3

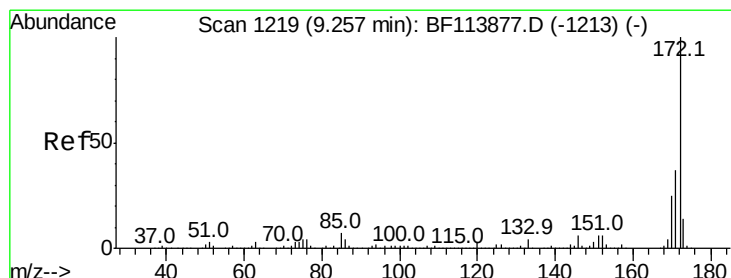
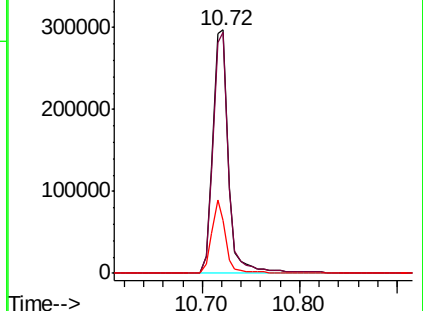
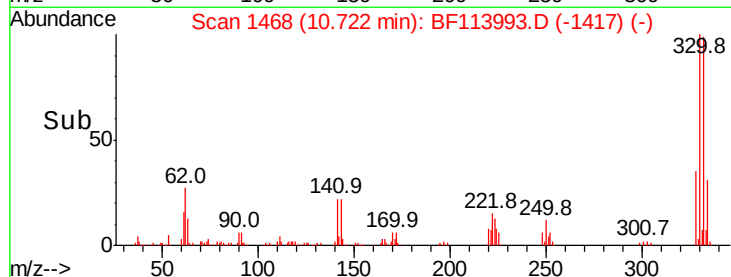
141 27.0 22.2 33.2



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: 89.088 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF113993.D

Acq: 25 Apr 2019 22:13

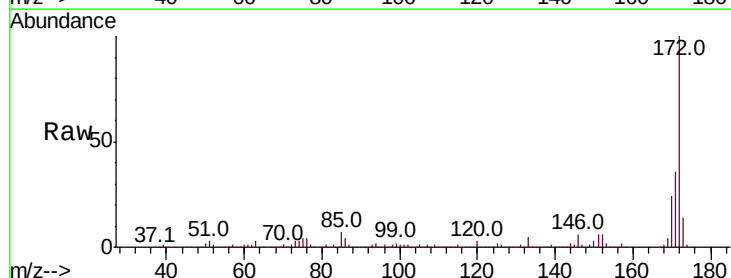
Tgt Ion:172 Resp: 1182189

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

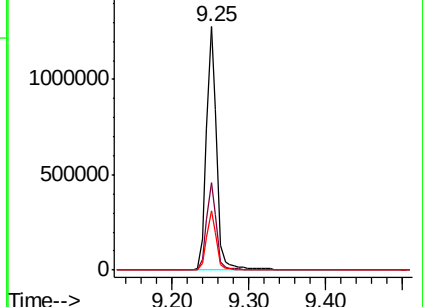
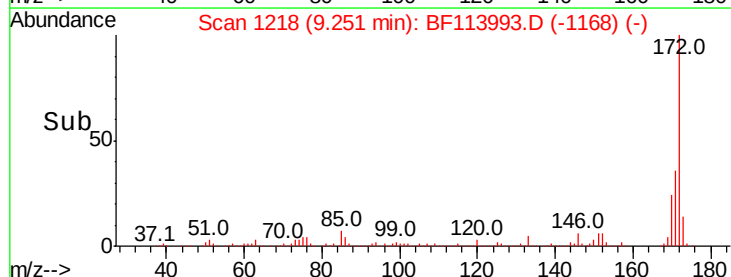
170 24.4 19.9 29.9

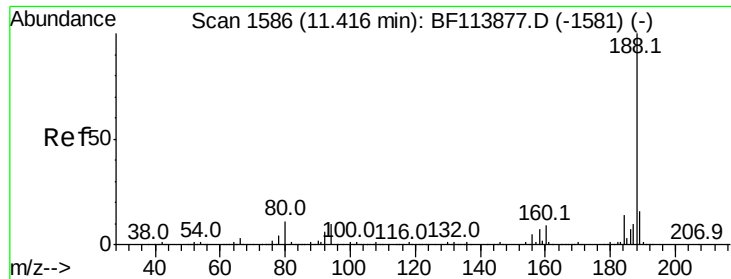


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

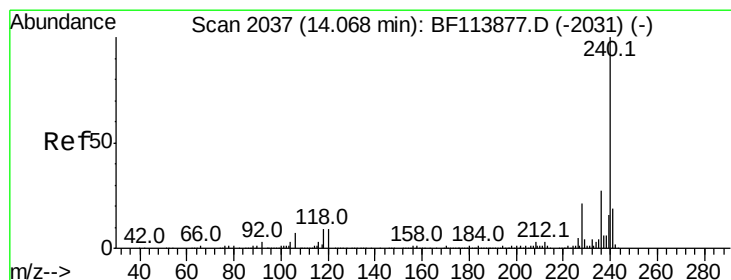
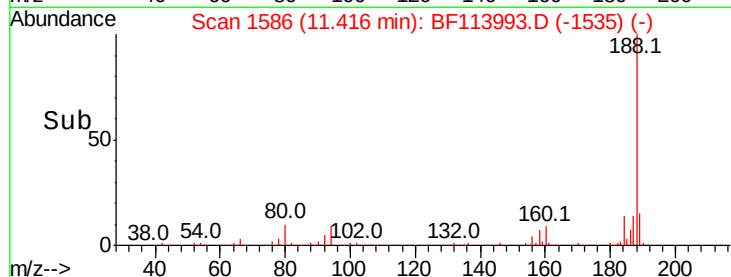
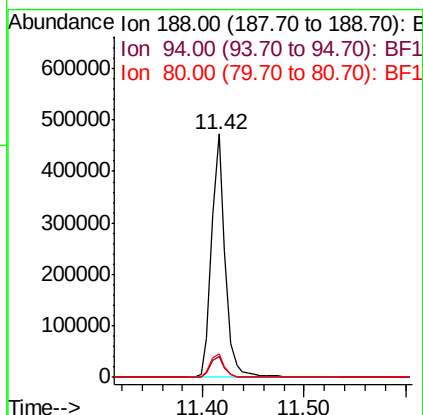
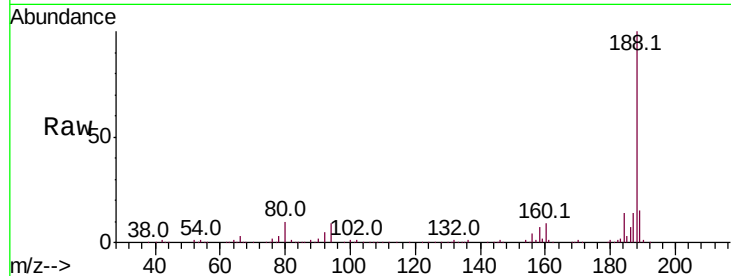




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113993.D
Acq: 25 Apr 2019 22:13

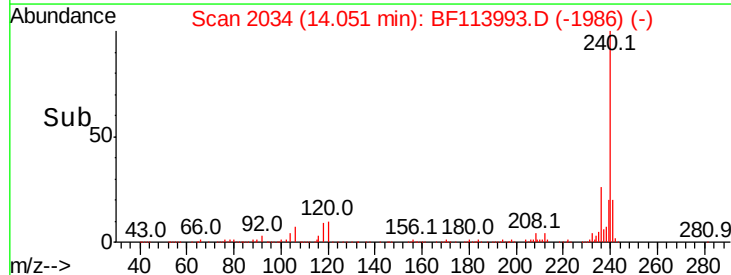
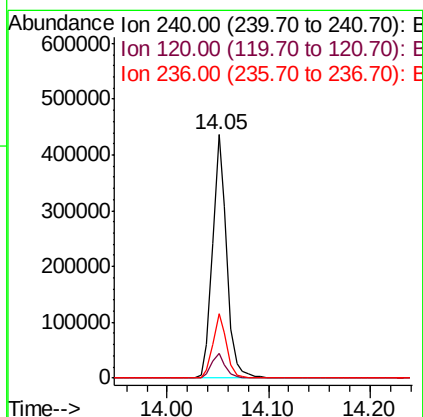
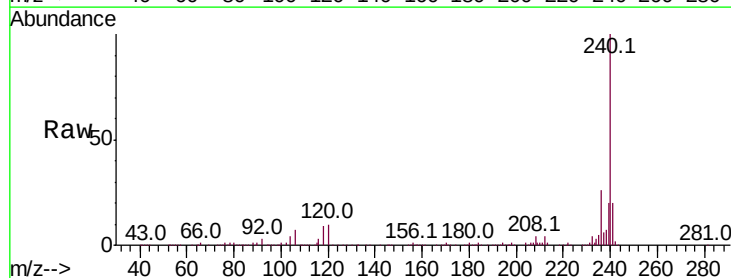
Instrument :
BNA_F
ClientSampleId :
S37-0019

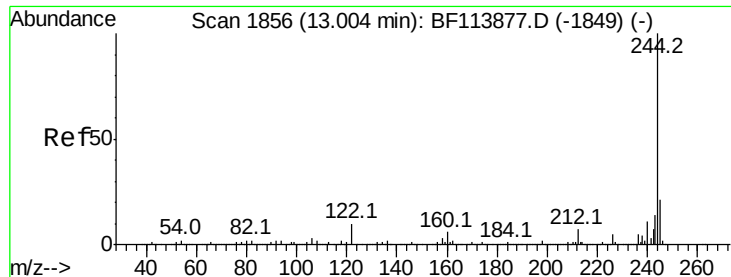
Tot Ion:188 Resp: 440974
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.4
80 9.9 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF113993.D
Acq: 25 Apr 2019 22:13

Tgt Ion:240 Resp: 423225
Ion Ratio Lower Upper
240 100
120 10.4 9.3 13.9
236 26.2 21.2 31.8





#79

Terphenyl-d14

Concen: 80.051 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF113993.D

Acq: 25 Apr 2019 22:13

Instrument :

BNA_F

ClientSampleId :

S37-0019

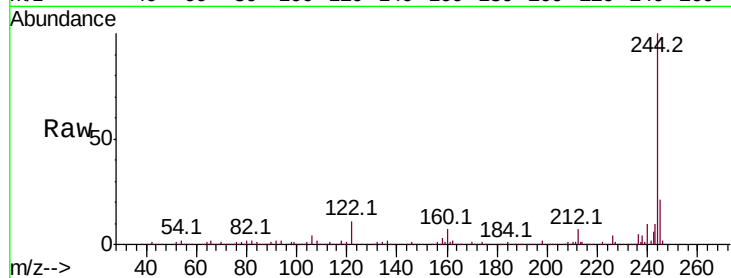
Tot Ion:244 Resp: 1652547

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

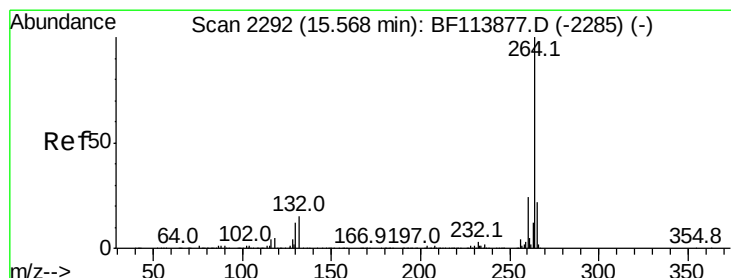
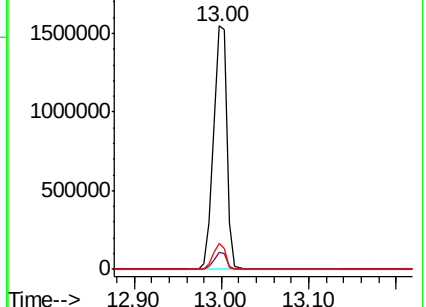
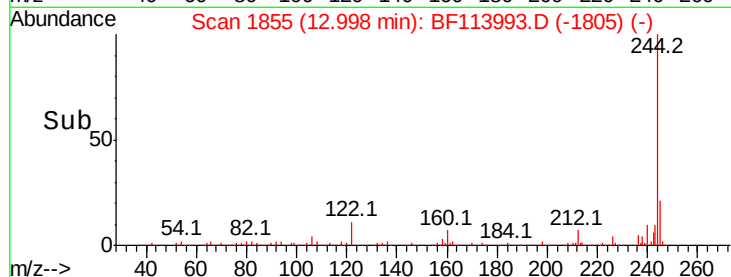
122 10.9 7.6 11.4



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: 15.53 min Scan# 2286

Delta R.T. -0.04 min

Lab File: BF113993.D

Acq: 25 Apr 2019 22:13

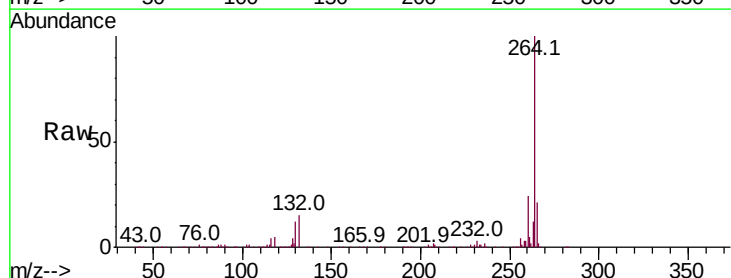
Tgt Ion:264 Resp: 433322

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.2 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

