

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113963.D
 Acq On : 24 Apr 2019 16:03
 Operator : JU/SJ
 Sample : K2487-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Apr 25 05:57:32 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	139829	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	511363	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	260017	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	500957	20.00	ng	0.00
76) Chrysene-d12	14.06	240	368966	20.00	ng	-0.01
87) Perylene-d12	15.56	264	431719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	500196	61.18	ng	0.00
7) Phenol-d6	6.52	99	401952	39.19	ng	0.00
23) Nitrobenzene-d5	7.46	82	831755	100.43	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	384444	121.37	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1567773	94.30	ng	0.00
79) Terphenyl-d14	13.00	244	1759654	97.77	ng	0.00

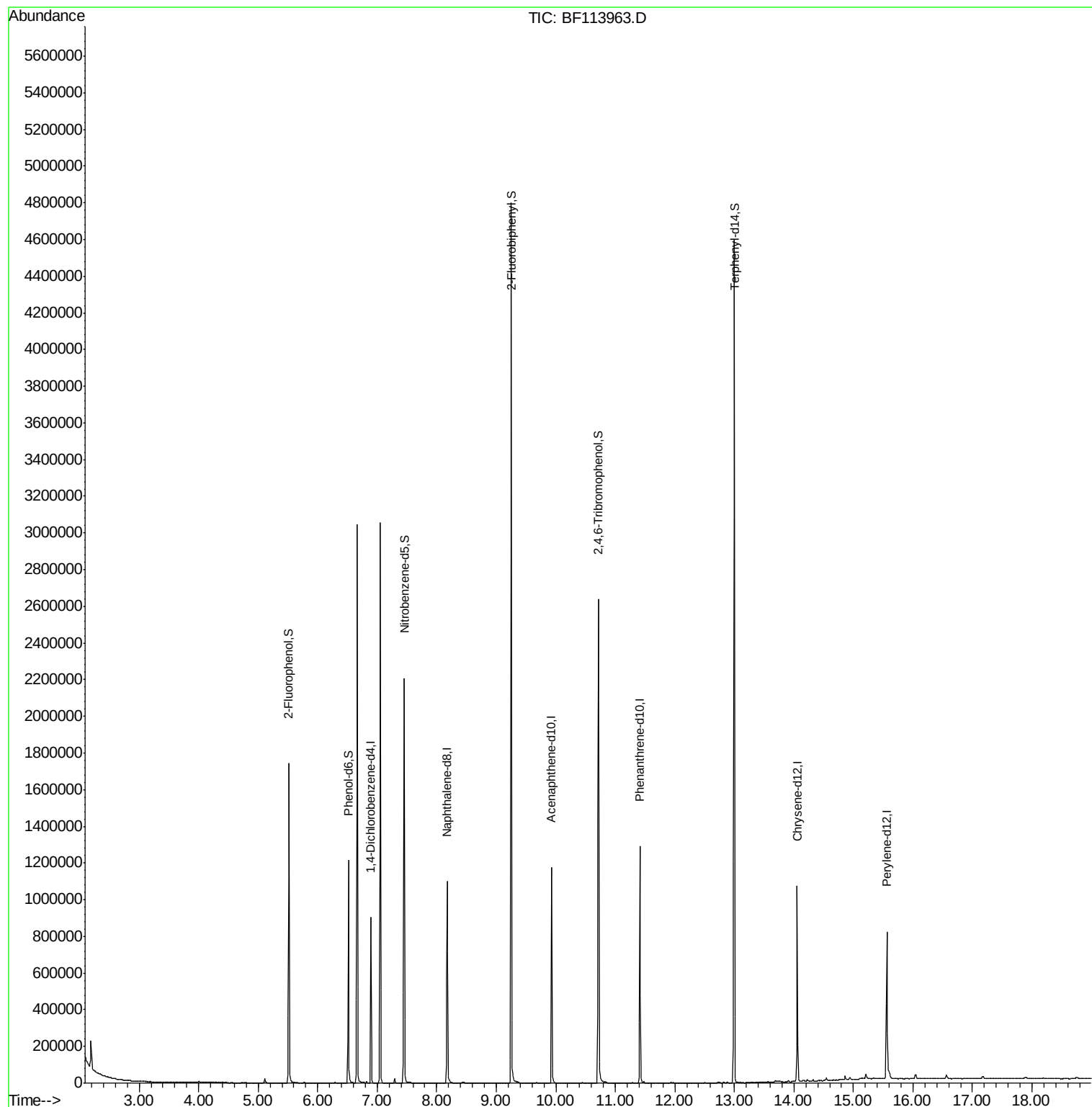
Target Compounds Qvalue

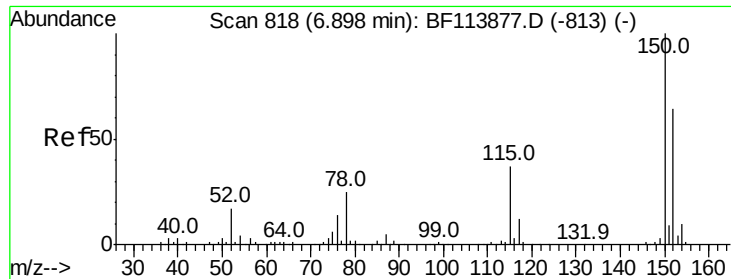
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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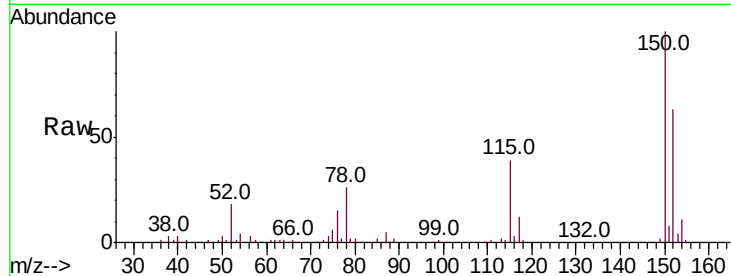


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113963.D
Acq: 24 Apr 2019 16:03

Instrument :
BNA_F
ClientSampleId :
FB

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.9	188.9
115	60.9	45.9	68.9

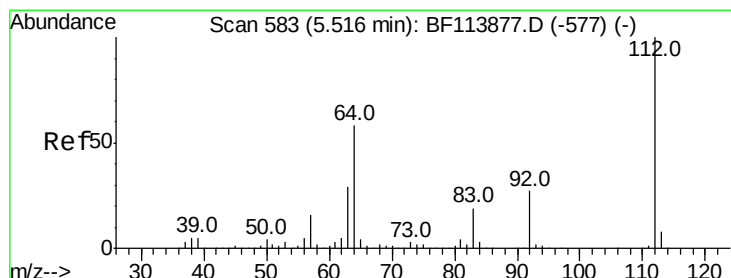
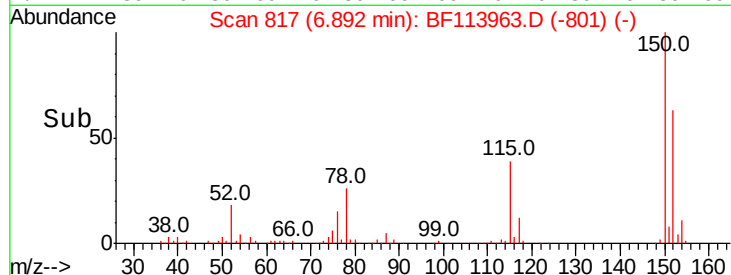
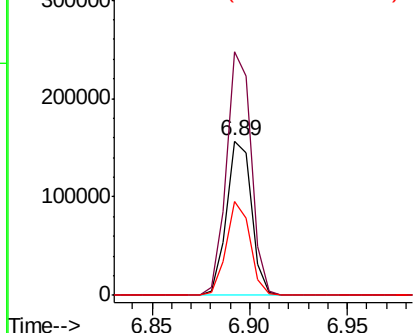


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

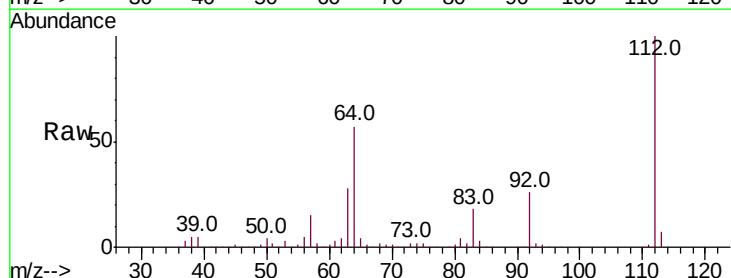
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 61.183 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF113963.D
Acq: 24 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.6	69.8
63	27.7	23.1	34.7

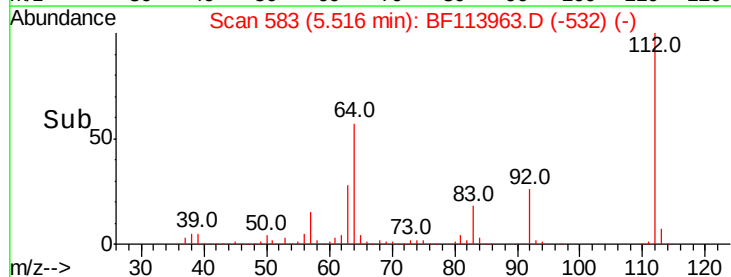
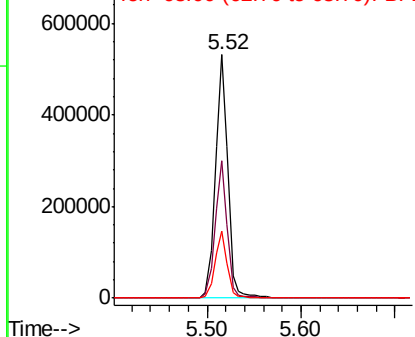


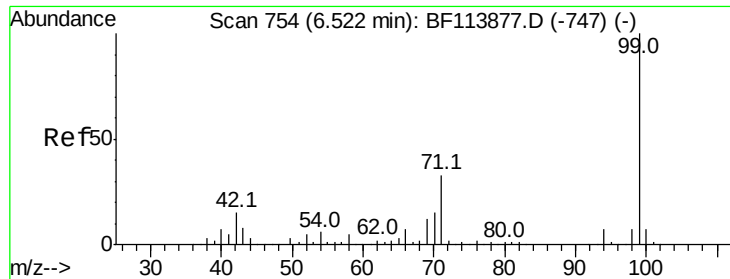
Abundance

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: 39.188 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113963.D

Acq: 24 Apr 2019 16:03

Instrument :

BNA_F

ClientSampleId :

FB

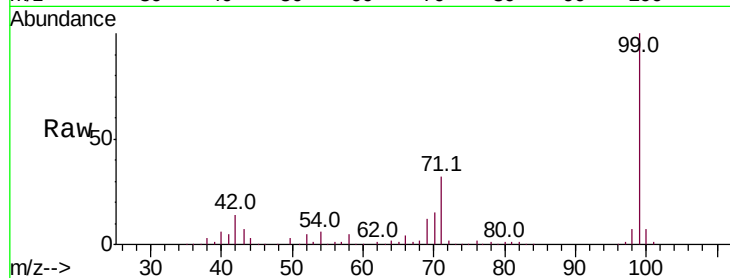
Tot Ion: 99 Resp: 401952

Ion Ratio Lower Upper

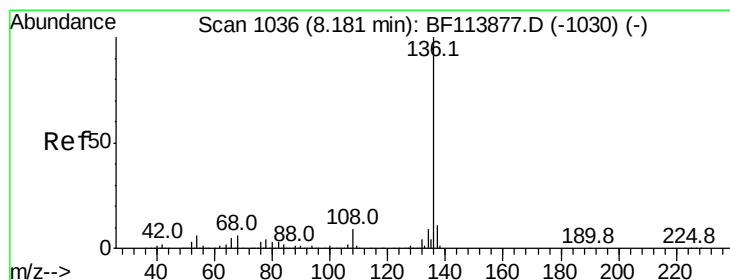
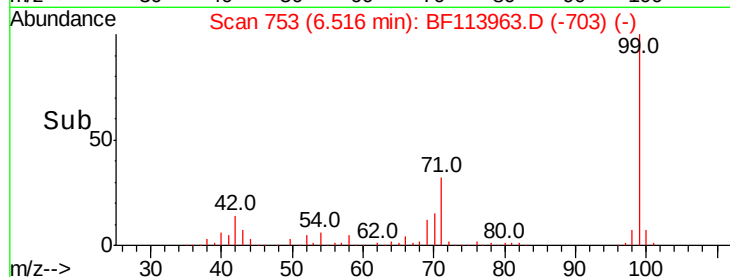
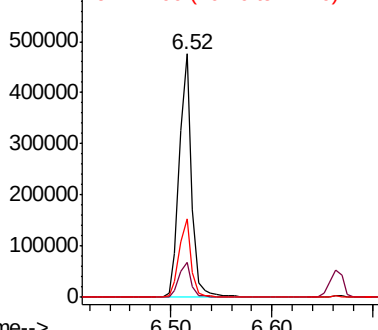
99 100

42 14.4 12.5 18.7

71 32.4 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: BF113963.D

Acq: 24 Apr 2019 16:03

Tgt Ion: 136 Resp: 511363

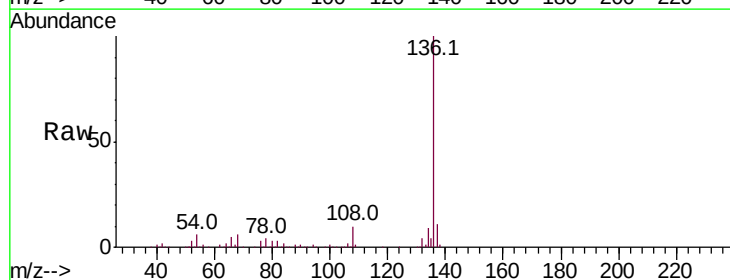
Ion Ratio Lower Upper

136 100

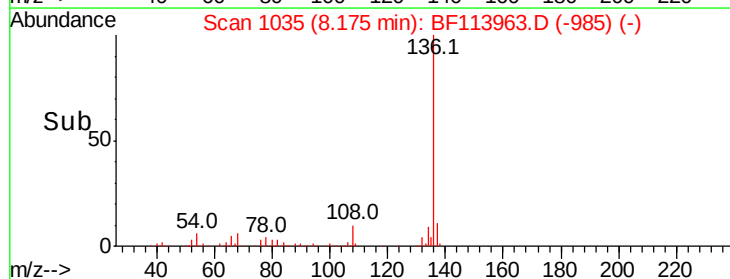
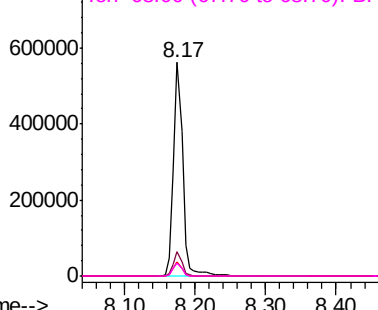
137 11.2 8.6 12.8

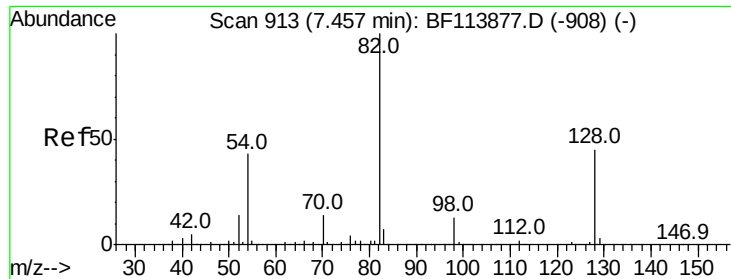
54 6.4 5.0 7.6

68 6.2 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

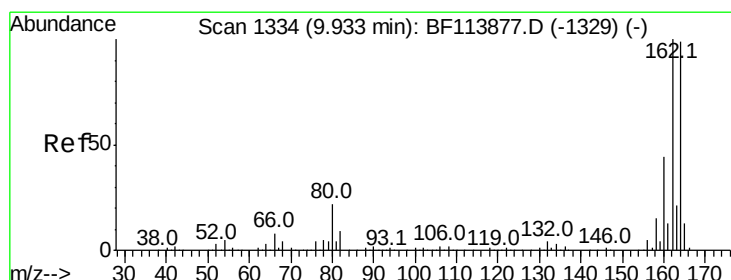
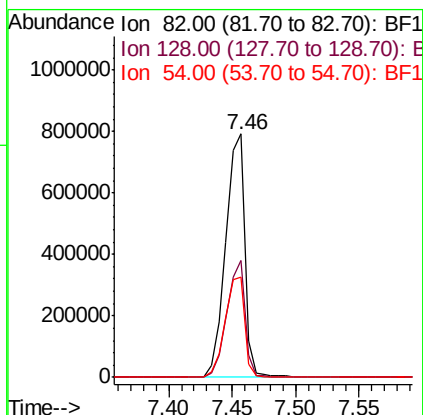
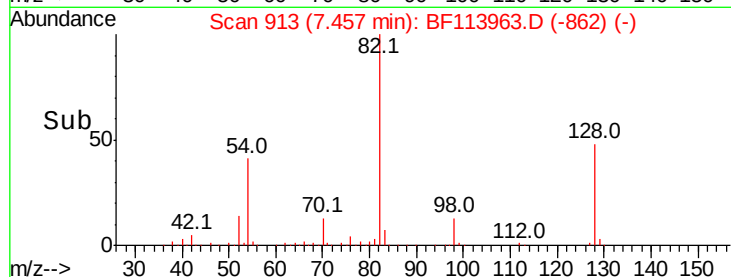
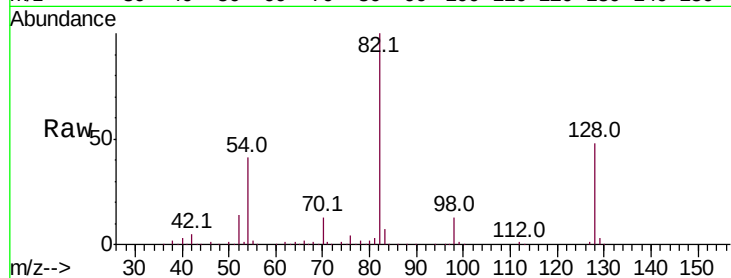




#23
Nitrobenzene-d5
Concen: 100.429 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF113963.D
Acq: 24 Apr 2019 16:03

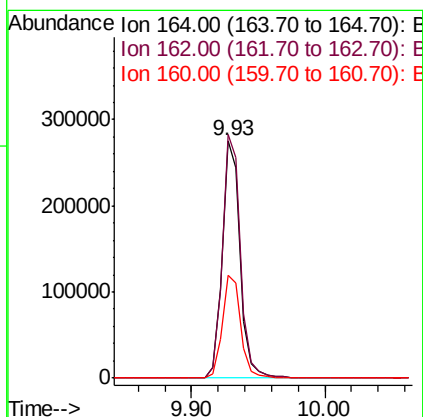
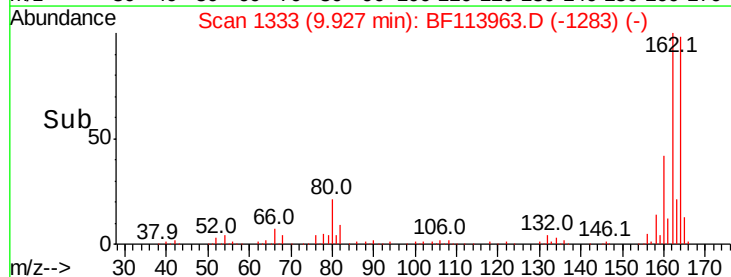
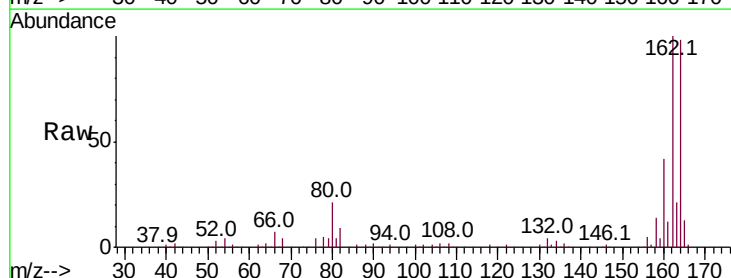
Instrument :
BNA_F
ClientSampled :
FB

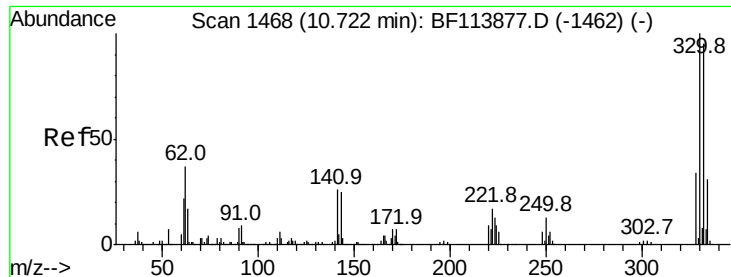
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.8	55.2
54	41.0	33.8	50.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113963.D
Acq: 24 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.1	121.7
160	43.2	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 121.370 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF113963.D

Acq: 24 Apr 2019 16:03

Instrument :

BNA_F

ClientSampleId :

FB

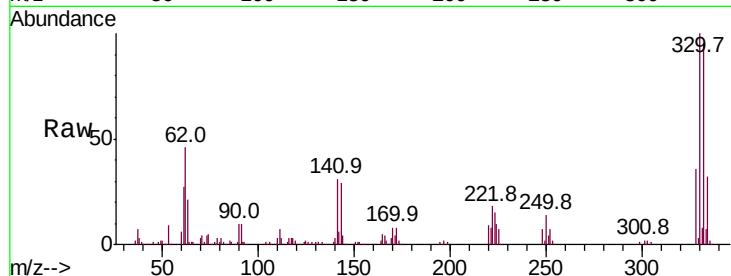
Tot Ion:330 Resp: 384444

Ion Ratio Lower Upper

330 100

332 97.7 77.5 116.3

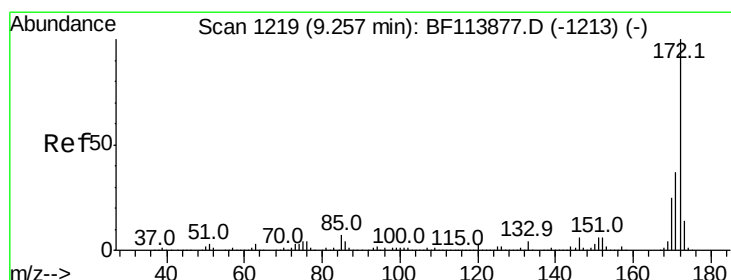
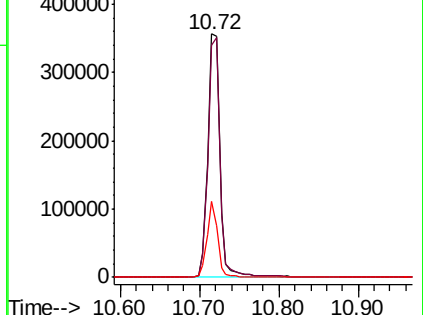
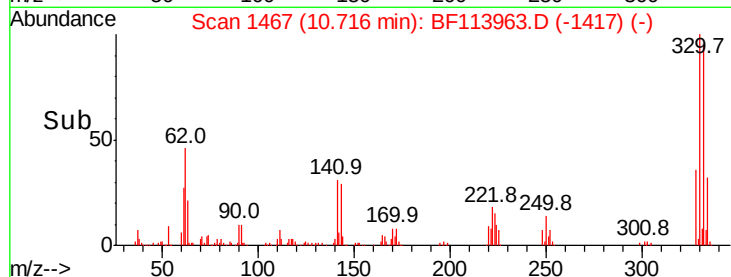
141 27.5 22.2 33.2



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: 94.303 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF113963.D

Acq: 24 Apr 2019 16:03

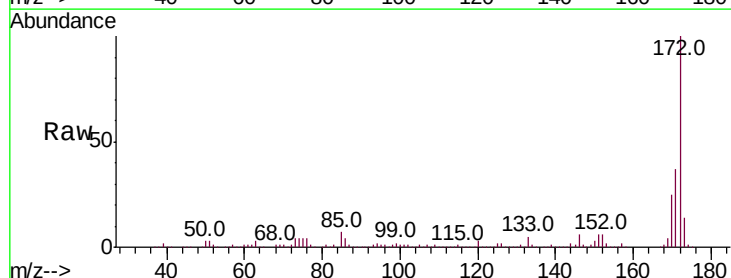
Tgt Ion:172 Resp: 1567773

Ion Ratio Lower Upper

172 100

171 37.0 29.4 44.0

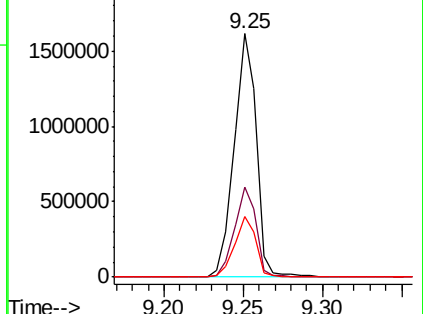
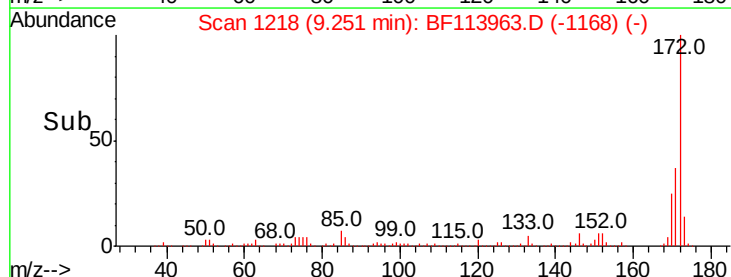
170 24.8 19.9 29.9

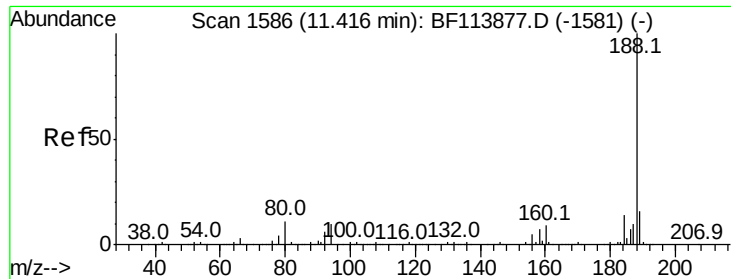


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

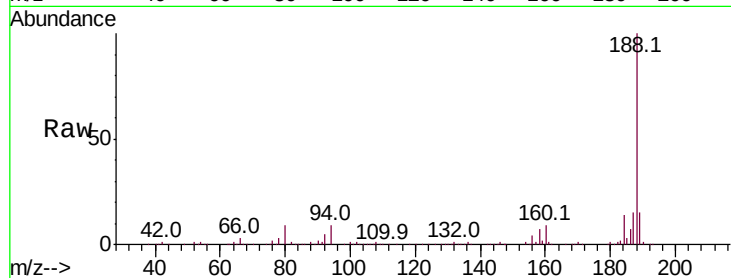




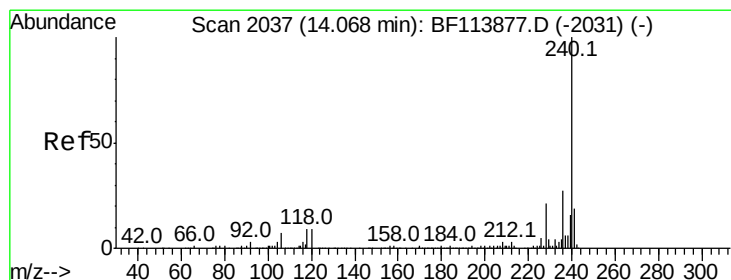
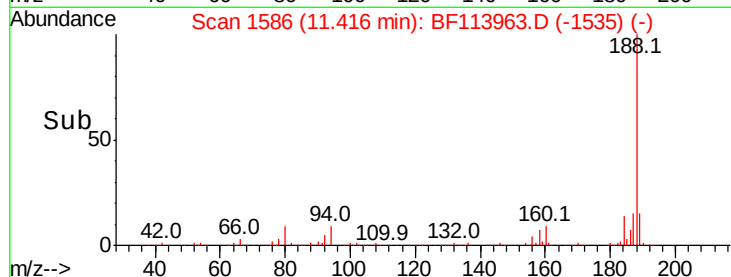
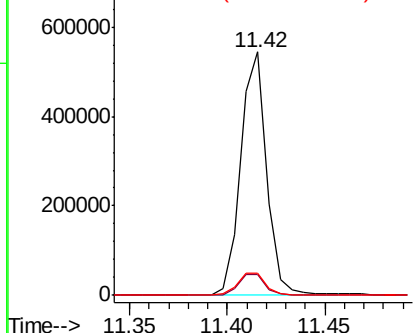
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF113963.D
Acq: 24 Apr 2019 16:03

Instrument :
BNA_F
ClientSampleId :
FB

Tot Ion:188 Resp: 500957
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.4
80 9.3 9.0 13.6

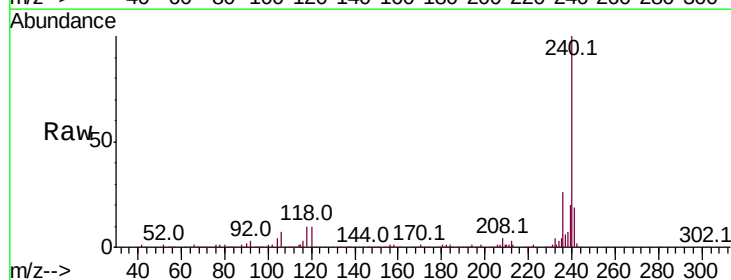


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

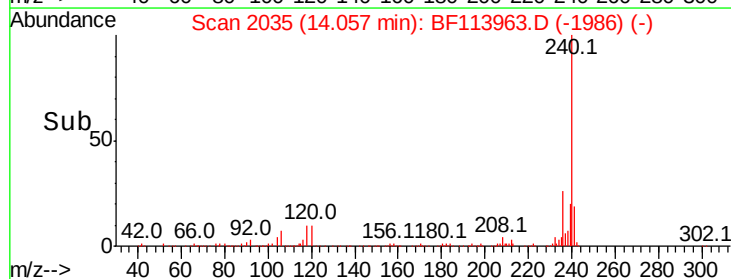
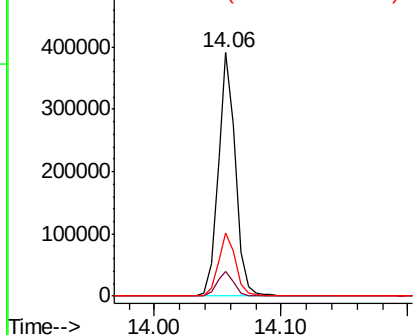


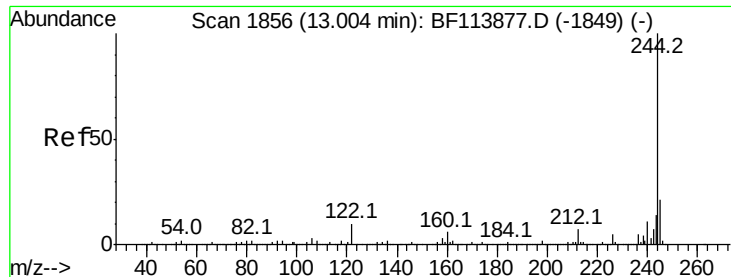
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113963.D
Acq: 24 Apr 2019 16:03

Tgt Ion:240 Resp: 368966
Ion Ratio Lower Upper
240 100
120 10.1 9.3 13.9
236 26.0 21.2 31.8



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: 97.774 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF113963.D

Acq: 24 Apr 2019 16:03

Instrument :

BNA_F

ClientSampleId :

FB

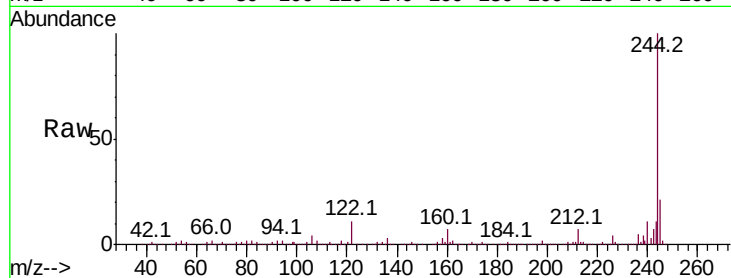
Tot Ion:244 Resp: 1759654

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

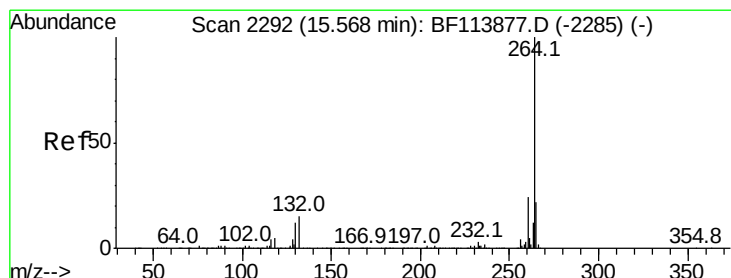
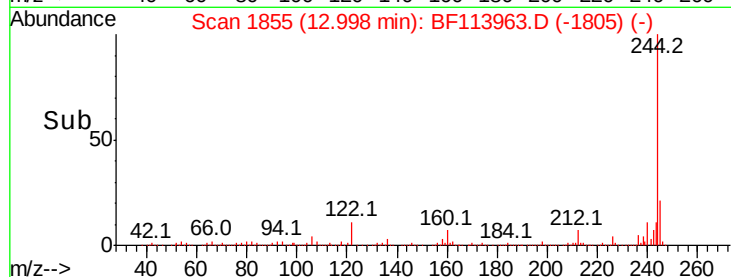
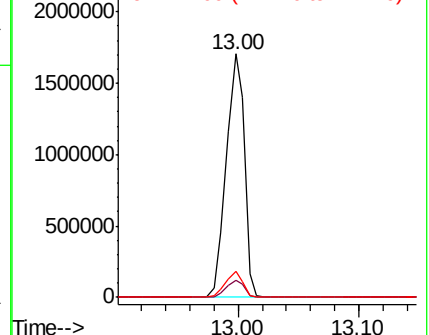
122 10.8 7.6 11.4



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF113963.D

Acq: 24 Apr 2019 16:03

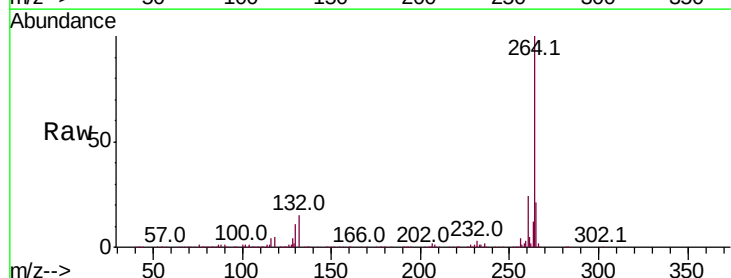
Tgt Ion:264 Resp: 431719

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 20.8 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

