

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113562.D
 Acq On : 4 Apr 2019 00:17
 Operator : JU/SJ
 Sample : K2190-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-2

Quant Time: Apr 04 06:00:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

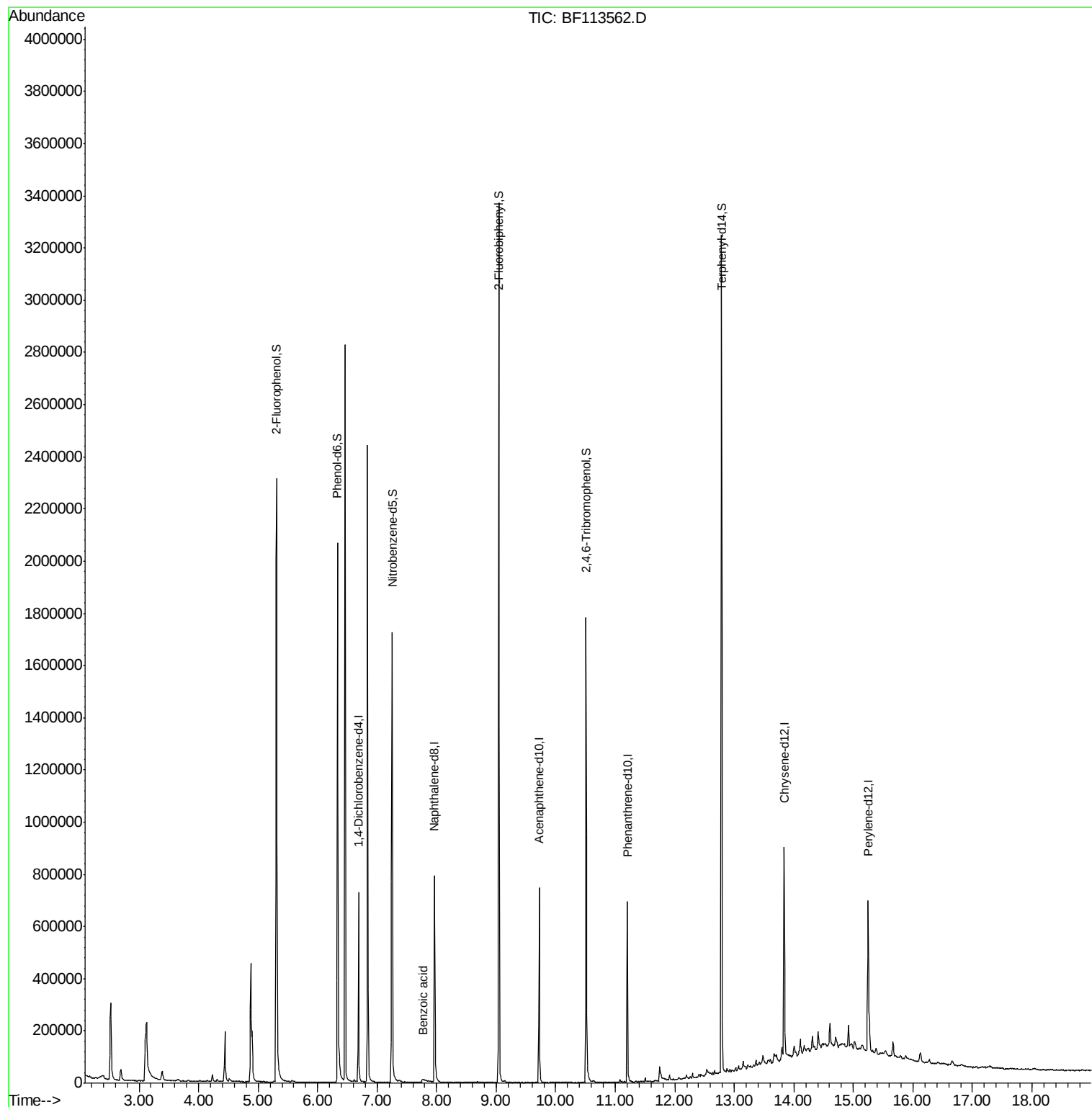
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	113507	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	391040	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	160912	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	294150	20.00	ng	0.00
76) Chrysene-d12	13.84	240	306577	20.00	ng	0.00
87) Perylene-d12	15.24	264	278641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	743061	111.63	ng	0.01
7) Phenol-d6	6.33	99	824393	100.49	ng	0.00
23) Nitrobenzene-d5	7.25	82	615856	92.25	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	248224	128.42	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1080689	108.12	ng	0.00
79) Terphenyl-d14	12.79	244	1126838	74.83	ng	0.00
Target Compounds						
32) Benzoic acid	7.76	122	12993	3.172	ng	Qvalue 95

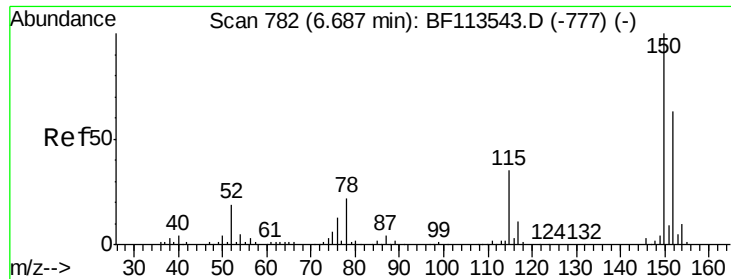
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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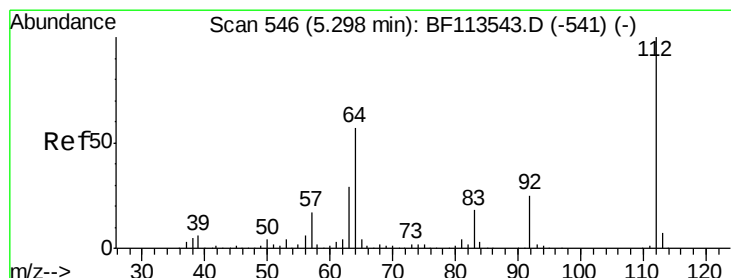
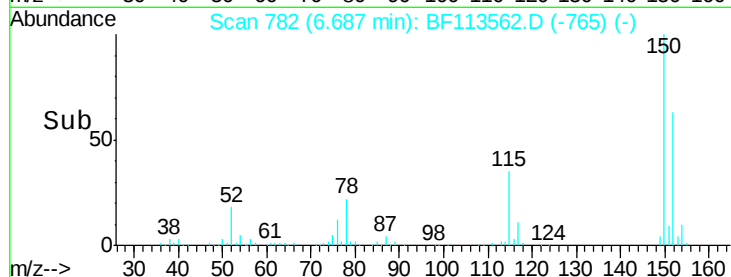
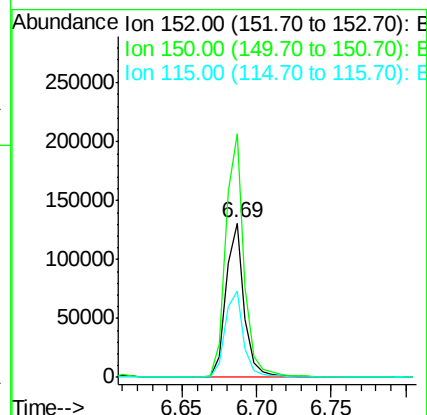
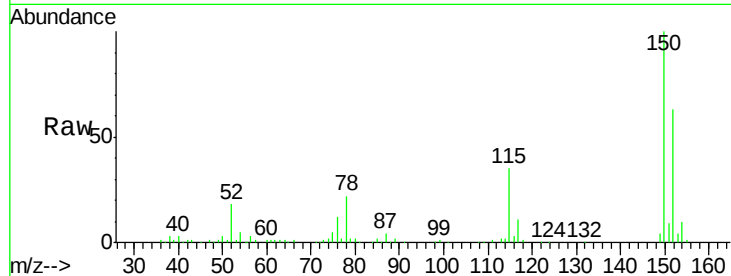


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Instrument :
BNA_F
ClientSampled :
VN-SP-2

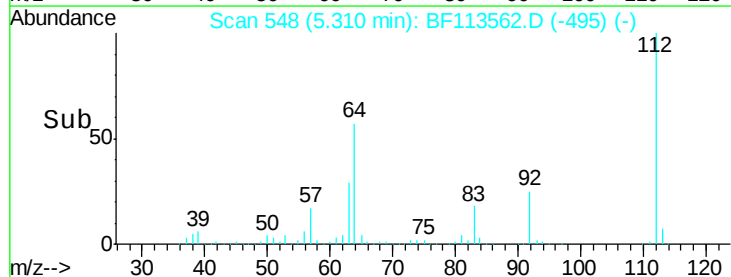
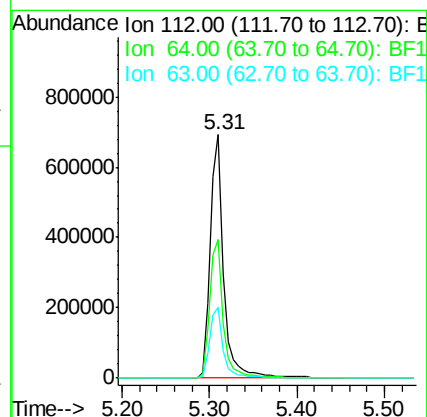
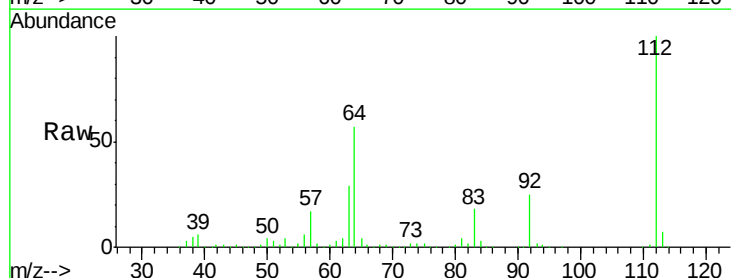
Tgt Ion:152 Resp: 113507
Ion Ratio Lower Upper
152 100
150 157.6 124.7 187.1
115 55.4 46.0 69.0

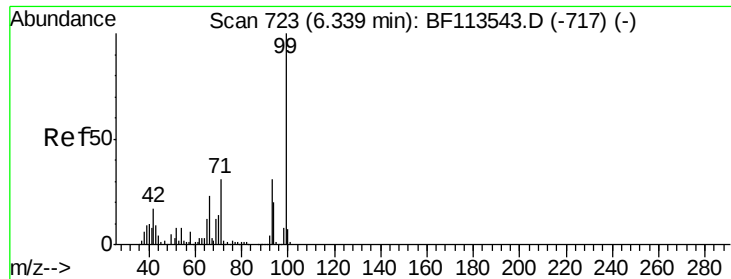


#5

2-Fluorophenol
Concen: 111.631 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Tgt Ion:112 Resp: 743061
Ion Ratio Lower Upper
112 100
64 56.8 49.2 73.8
63 29.2 24.9 37.3





#7

Phenol-d6

Concen: 100.486 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113562.D

Acq: 4 Apr 2019 00:17

Instrument :

BNA_F

ClientSampled :

VN-SP-2

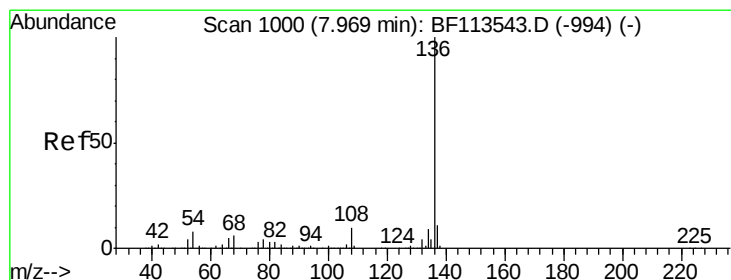
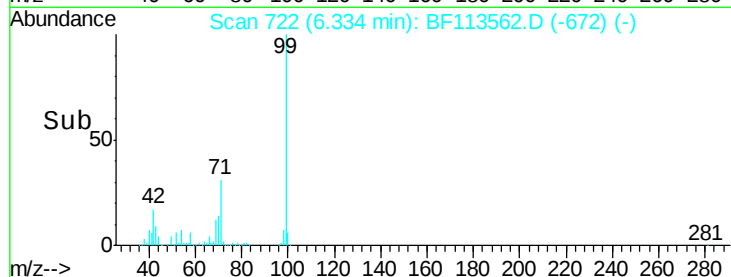
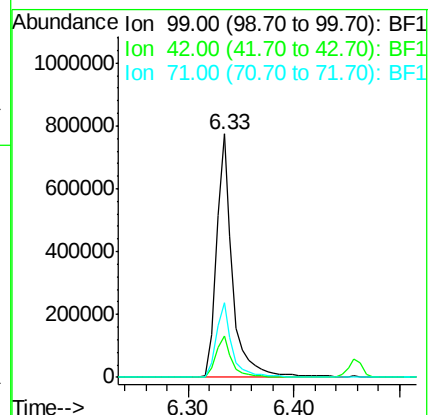
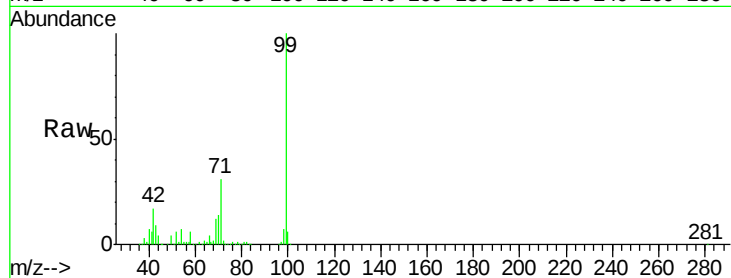
Tgt Ion: 99 Resp: 824393

Ion Ratio Lower Upper

99 100

42 17.2 14.8 22.2

71 30.8 24.9 37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113562.D

Acq: 4 Apr 2019 00:17

Tgt Ion: 136 Resp: 391040

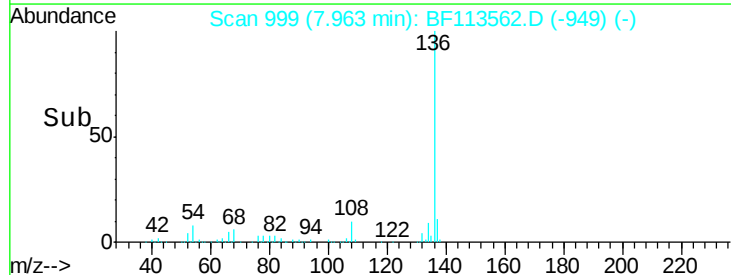
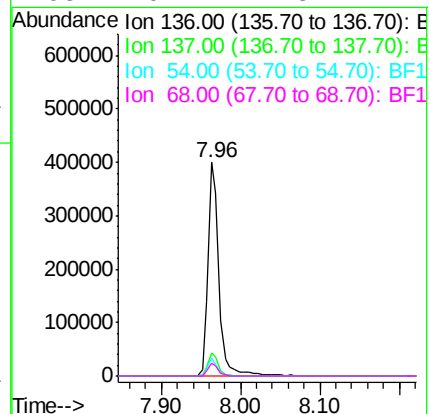
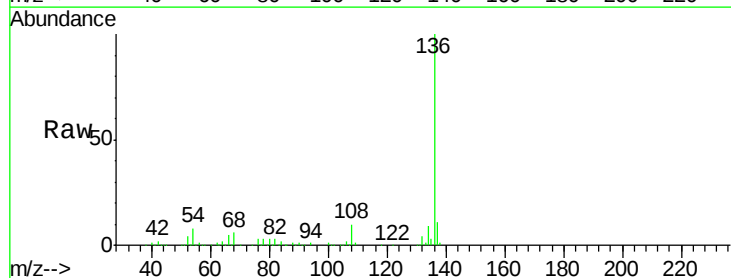
Ion Ratio Lower Upper

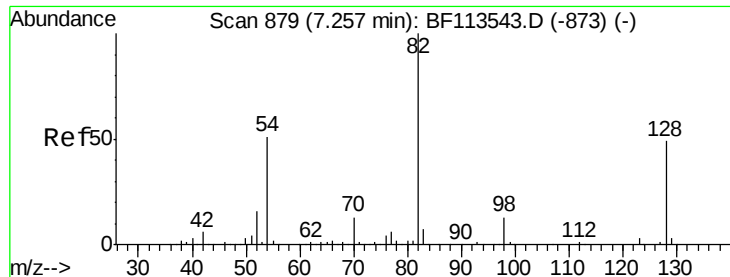
136 100

137 10.9 8.9 13.3

54 8.3 7.0 10.6

68 6.2 4.8 7.2

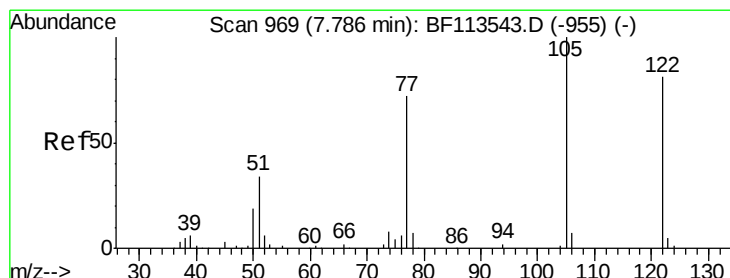
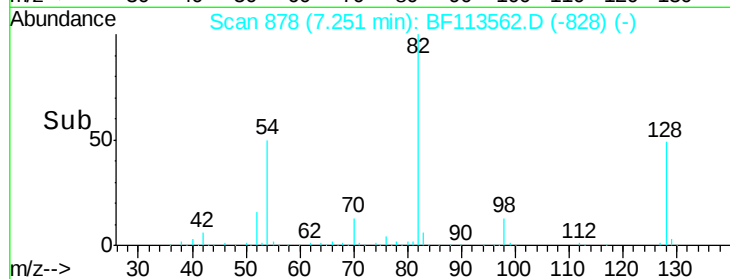
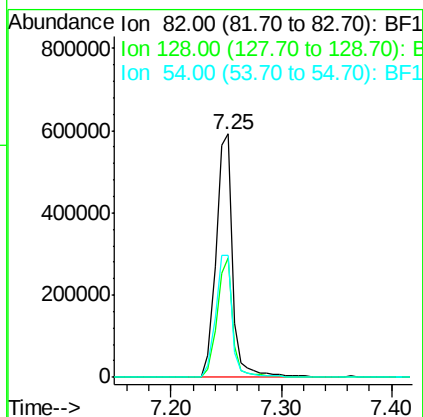
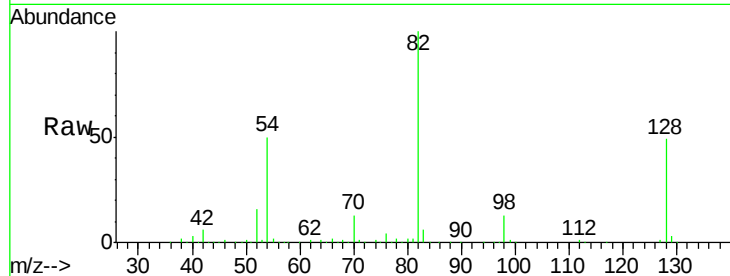




#23
 Nitrobenzene-d5
 Concen: 92.251 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113562.D
 Acq: 4 Apr 2019 00:17

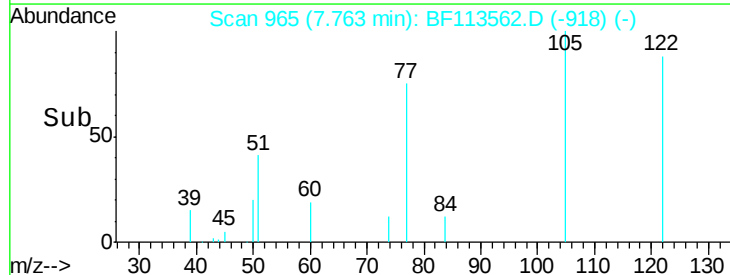
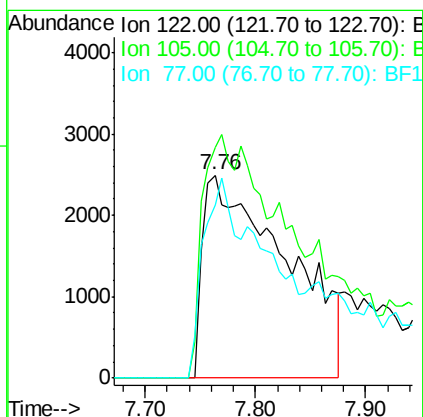
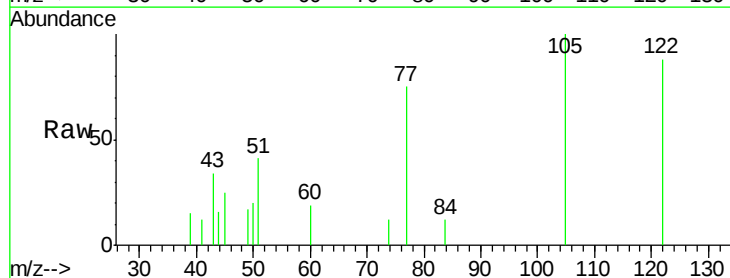
Instrument :
 BNA_F
 ClientSampled :
 VN-SP-2

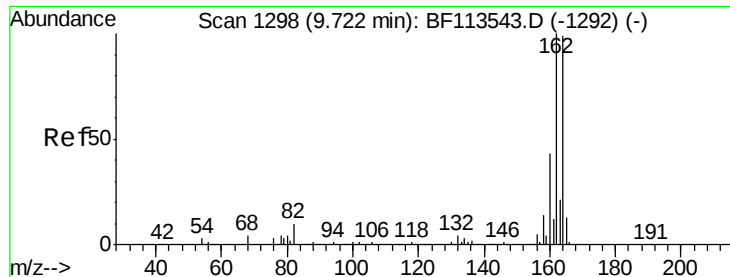
Tgt Ion: 82 Resp: 615856
 Ion Ratio Lower Upper
 82 100
 128 49.2 36.5 54.7
 54 50.0 42.2 63.2



#32
 Benzoic acid
 Concen: 3.172 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BF113562.D
 Acq: 4 Apr 2019 00:17

Tgt Ion: 122 Resp: 12993
 Ion Ratio Lower Upper
 122 100
 105 113.9 100.4 140.4
 77 85.2 69.0 109.0

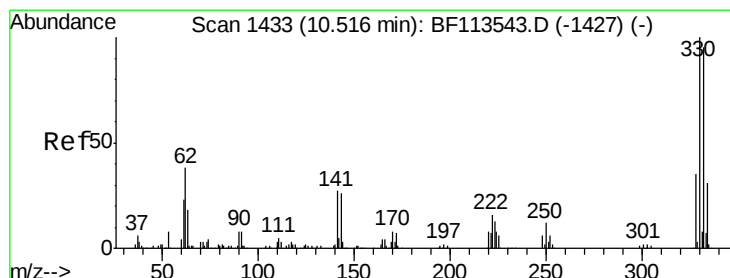
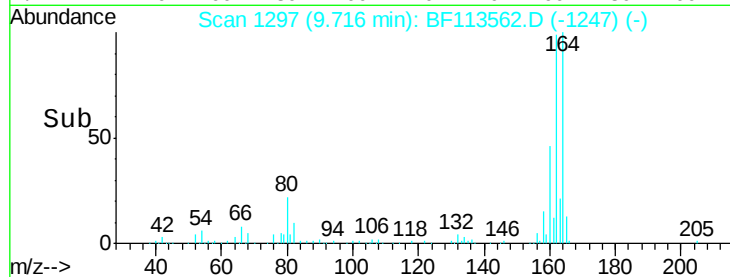
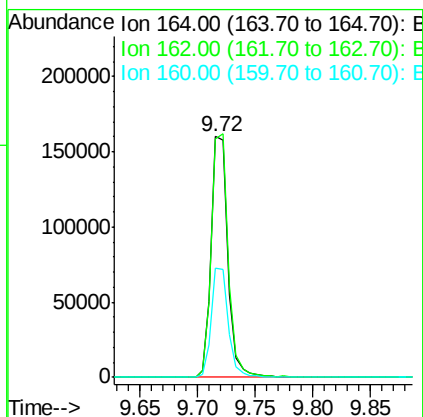
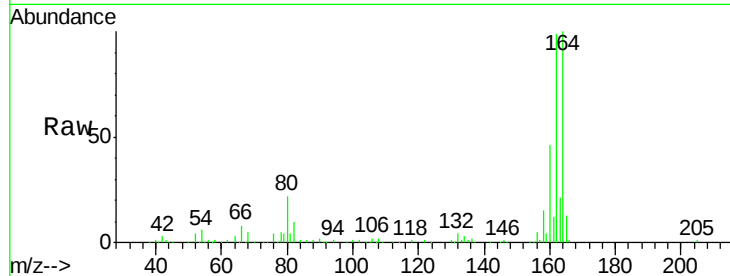




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF113562.D
 Acq: 4 Apr 2019 00:17

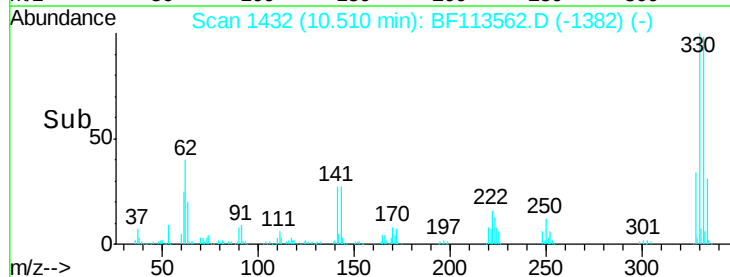
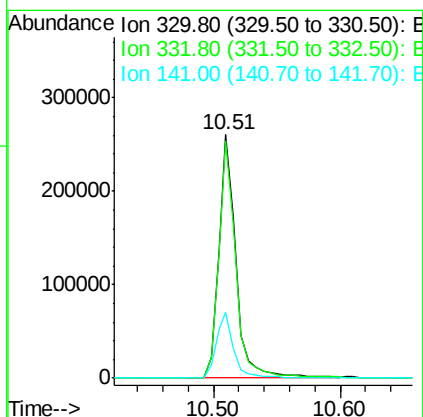
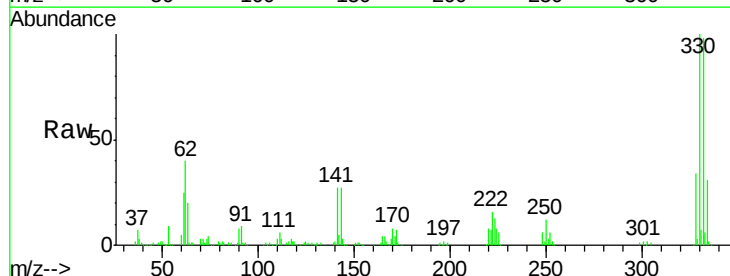
Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-2

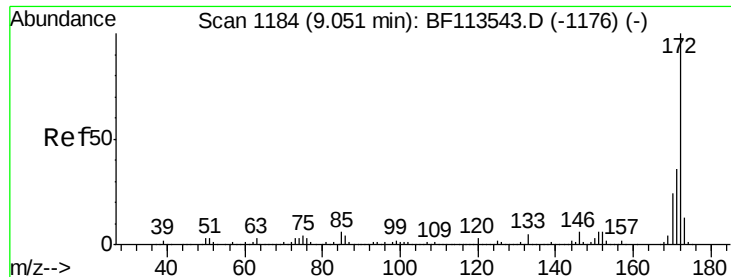
Tgt Ion:164 Resp: 160912
 Ion Ratio Lower Upper
 164 100
 162 99.0 81.8 122.6
 160 45.5 36.4 54.6



#42
 2,4,6-Tribromophenol
 Concen: 128.418 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113562.D
 Acq: 4 Apr 2019 00:17

Tgt Ion:330 Resp: 248224
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.8 116.6
 141 27.7 22.7 34.1

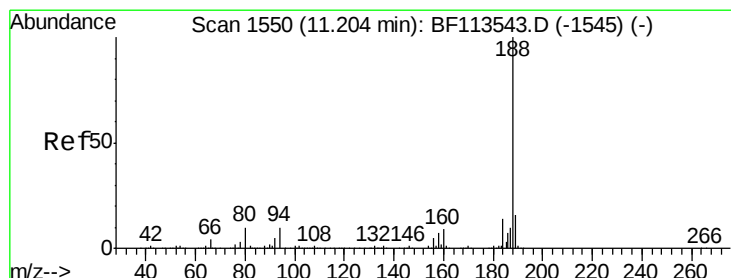
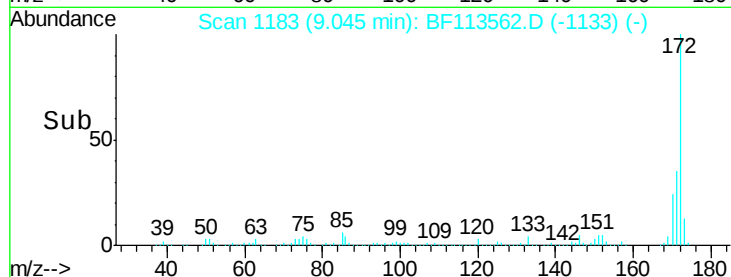
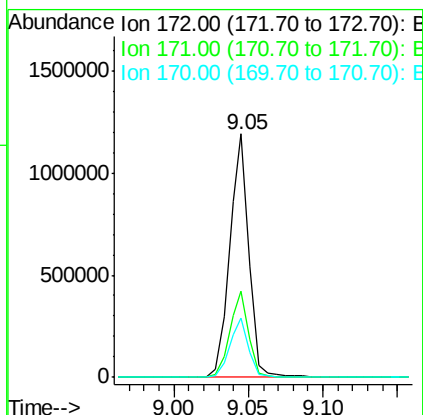
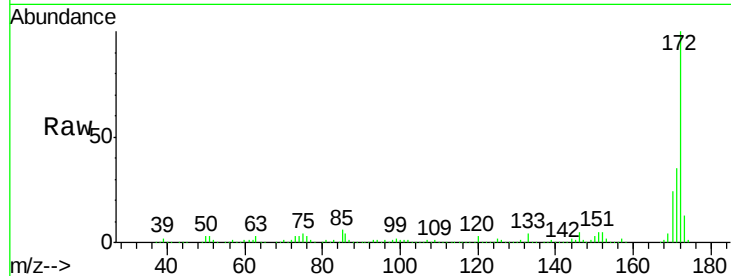




#45
 2-Fluorobiphenyl
 Concen: 108.121 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113562.D
 Acq: 4 Apr 2019 00:17

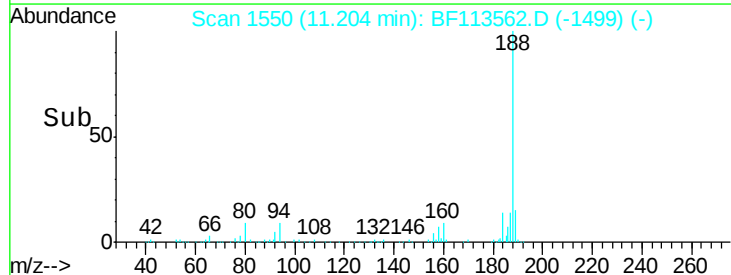
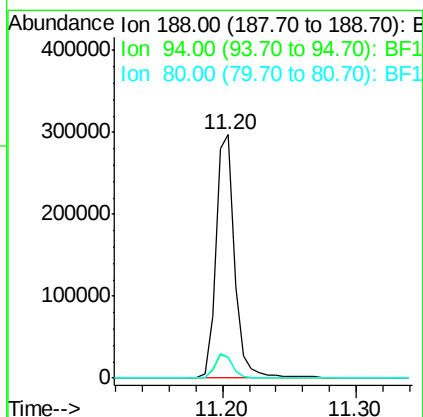
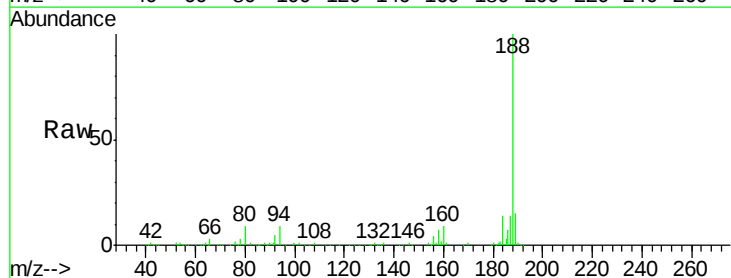
Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-2

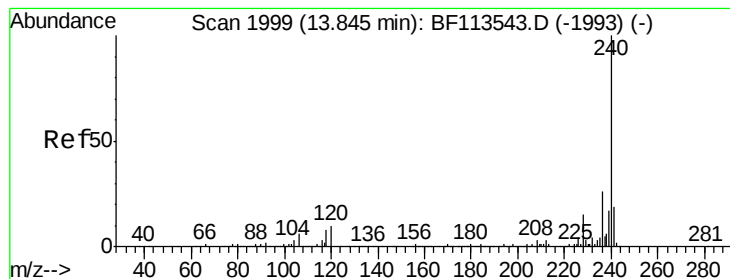
Tgt Ion:172 Resp: 1080689
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.6
 170 24.1 19.5 29.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF113562.D
 Acq: 4 Apr 2019 00:17

Tgt Ion:188 Resp: 294150
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.0 10.6
 80 8.8 7.7 11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113562.D

Acq: 4 Apr 2019 00:17

Instrument :

BNA_F

ClientSampleId :

VN-SP-2

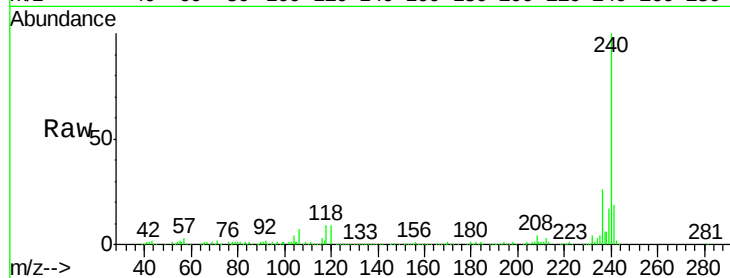
Tgt Ion:240 Resp: 306577

Ion Ratio Lower Upper

240 100

120 9.5 8.8 13.2

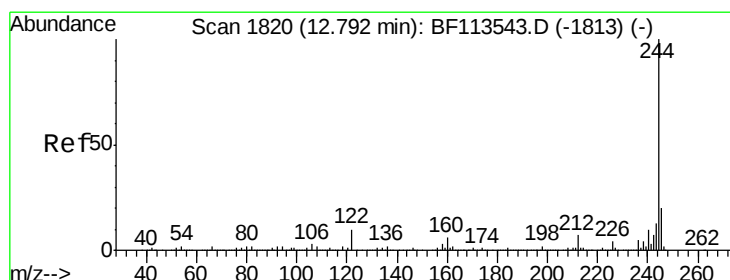
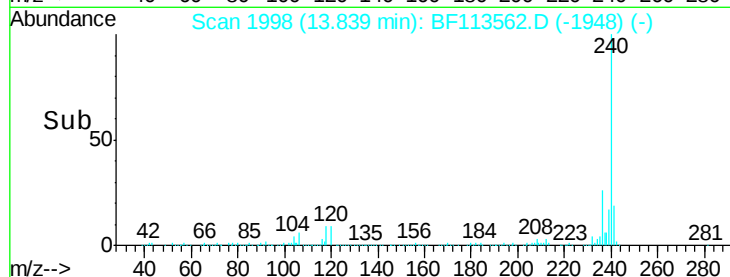
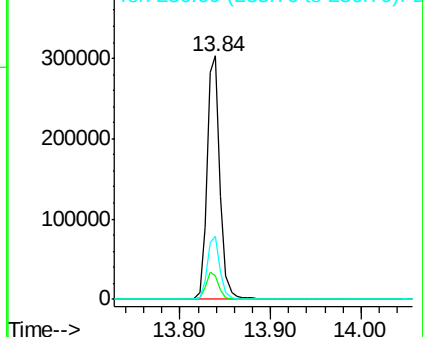
236 25.8 20.9 31.3



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: 74.835 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113562.D

Acq: 4 Apr 2019 00:17

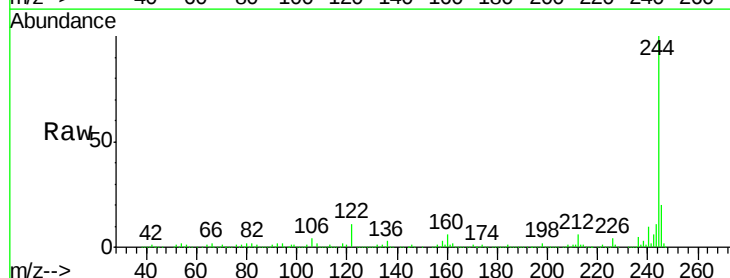
Tgt Ion:244 Resp: 1126838

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

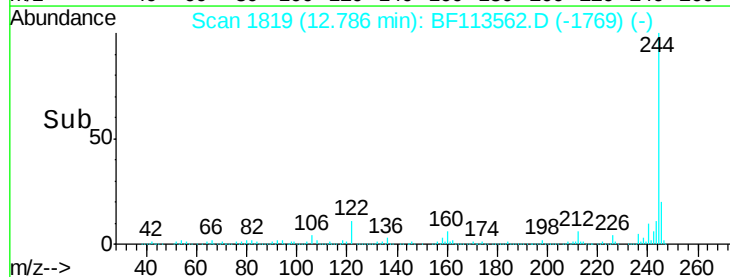
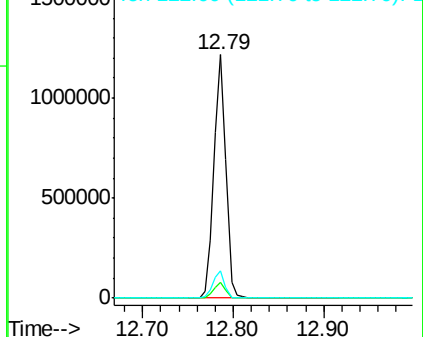
122 11.1 8.6 13.0

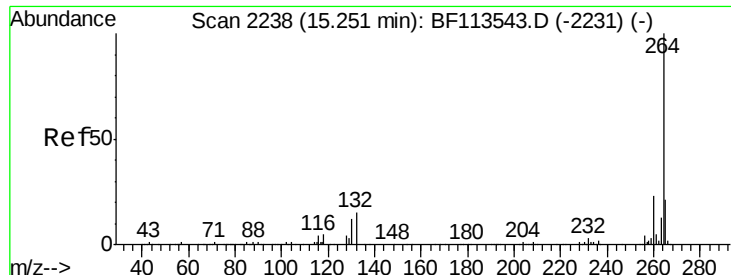


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Instrument :
BNA_F
ClientSampleId :
VN-SP-2

Tgt Ion: 264 Resp: 278641
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 21.3 17.1 25.7

