

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113415.D
 Acq On : 29 Mar 2019 16:00
 Operator : JU/SJ
 Sample : K2121-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Quant Time: Mar 30 01:33:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

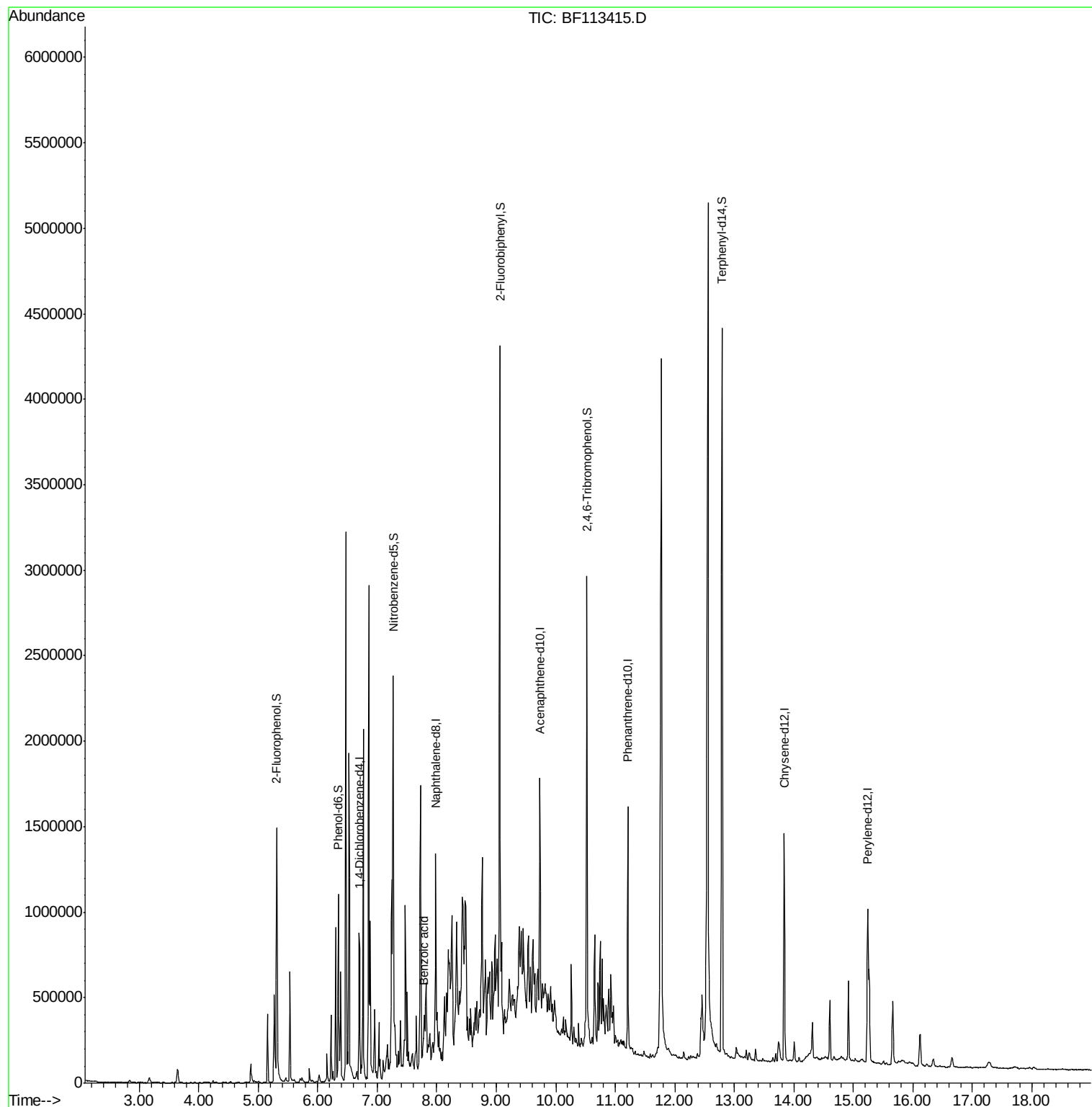
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	138761	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	517214	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	246534	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	533361	20.00	ng	0.00
76) Chrysene-d12	13.84	240	504066	20.00	ng	0.00
87) Perylene-d12	15.24	264	445899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	511588	60.28	ng	0.00
7) Phenol-d6	6.35	99	447501	41.68	ng	-0.01
23) Nitrobenzene-d5	7.27	82	755654	86.72	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	424235	139.31	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1381569	88.58	ng	0.00
79) Terphenyl-d14	12.79	244	1738292	76.01	ng	0.00
Target Compounds						
32) Benzoic acid	7.78	122	34516	6.202	ng	Qvalue 96

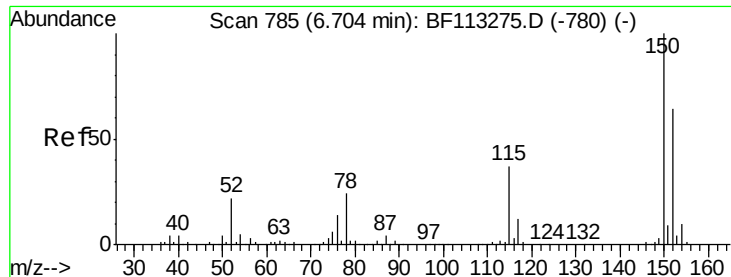
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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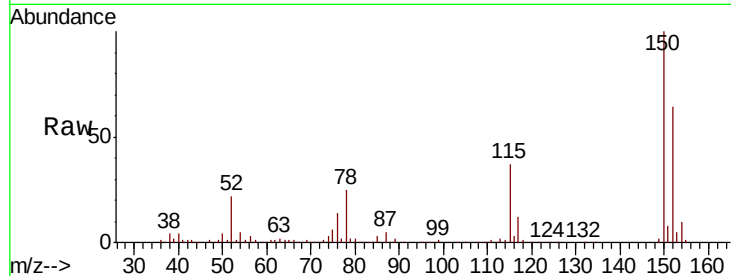


#1

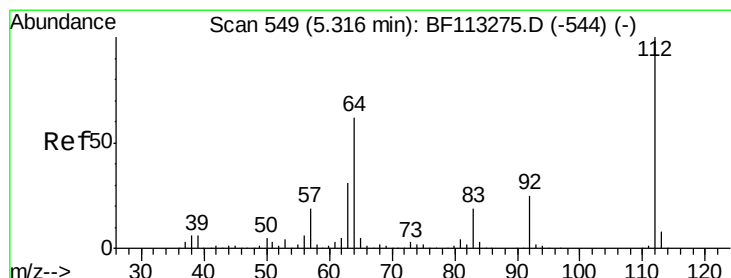
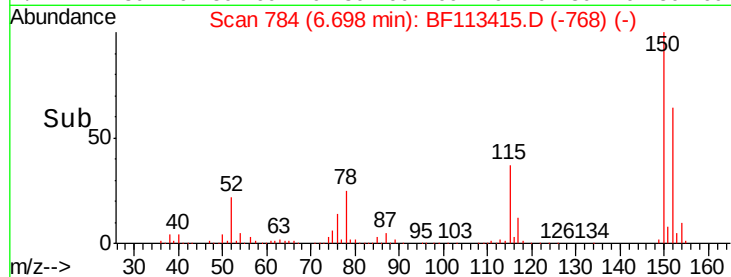
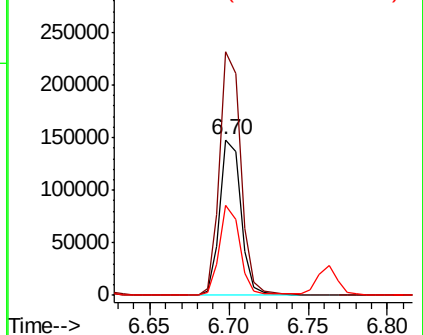
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:152 Resp: 138761
Ion Ratio Lower Upper
152 100
150 156.3 124.7 187.1
115 58.1 46.0 69.0



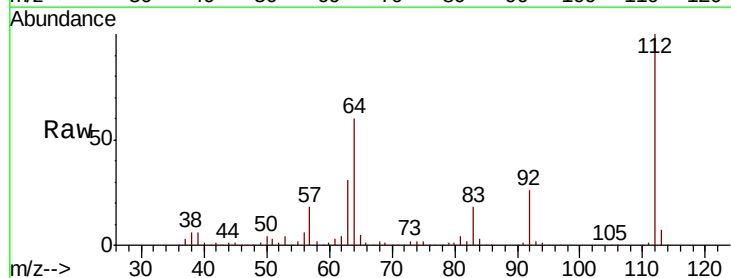
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



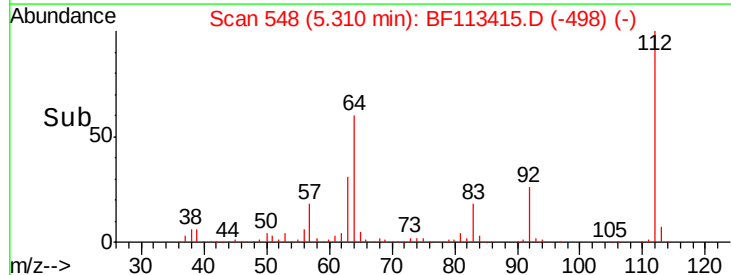
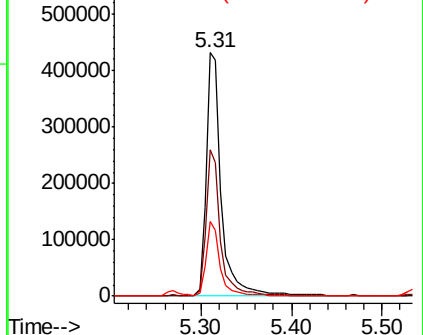
#5

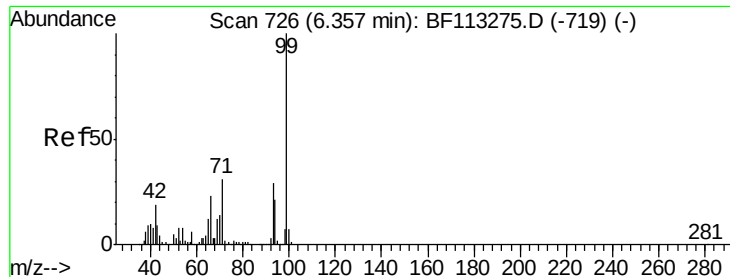
2-Fluorophenol
Concen: 60.284 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Tgt Ion:112 Resp: 511588
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 30.7 24.9 37.3



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: 41.684 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113415.D

Acq: 29 Mar 2019 16:00

Instrument :

BNA_F

ClientSampleId :

TW-1

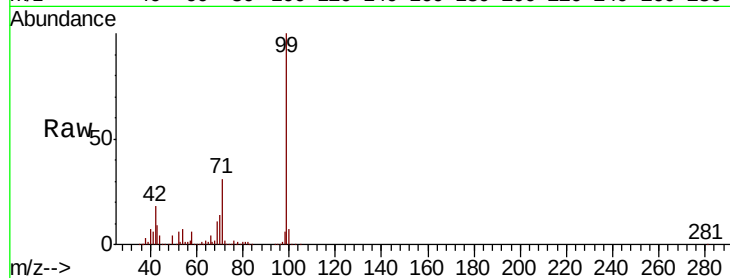
Tgt Ion: 99 Resp: 447501

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

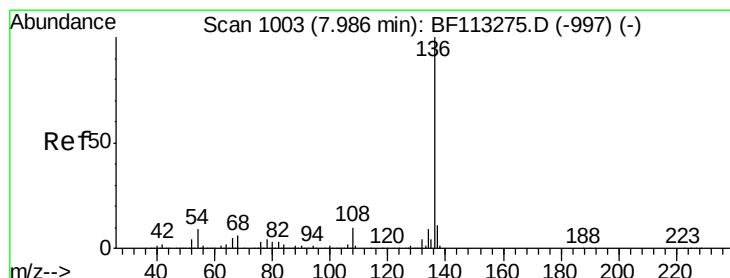
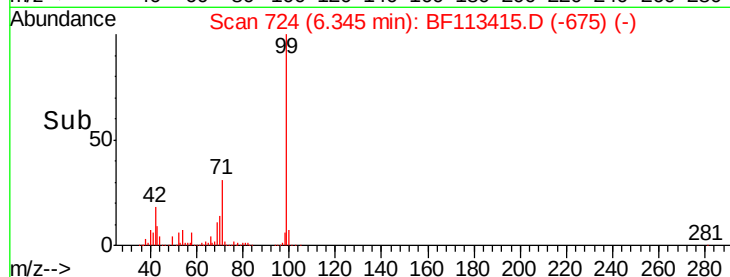
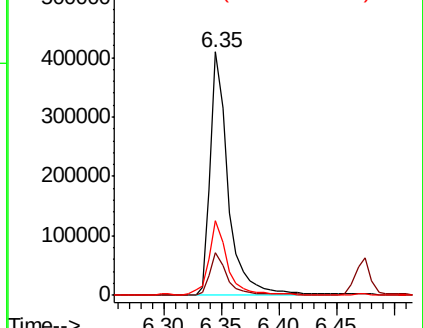
71 30.7 24.9 37.3



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113415.D

Acq: 29 Mar 2019 16:00

Tgt Ion: 136 Resp: 517214

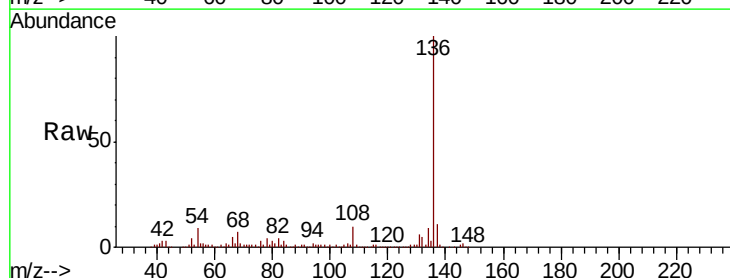
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.1 7.0 10.6

68 6.7 4.8 7.2

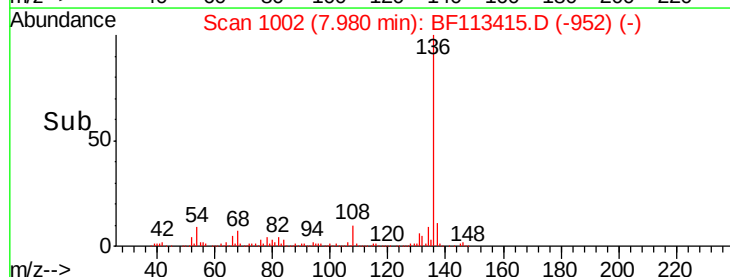
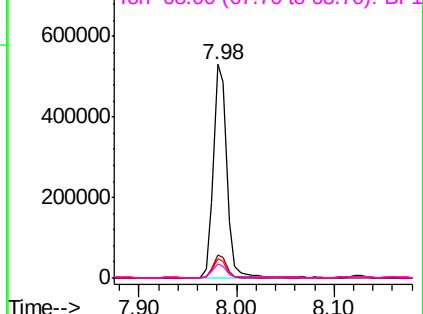


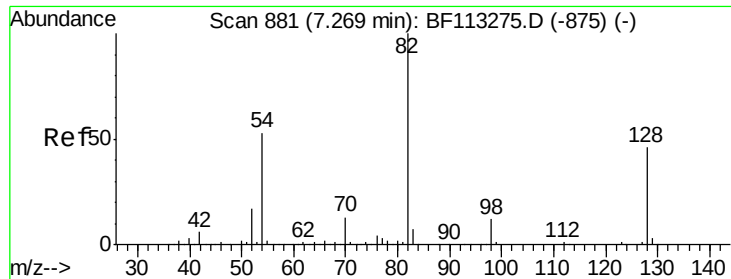
Abundance Ion 136.00 (135.70 to 136.70): E

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

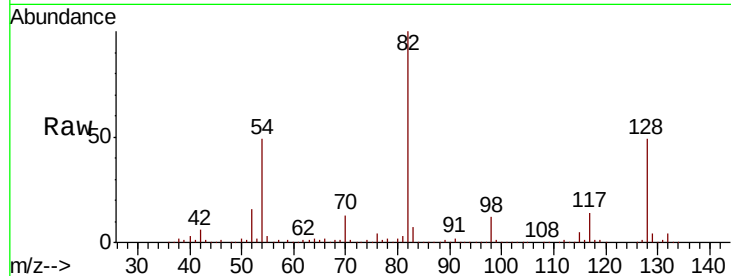




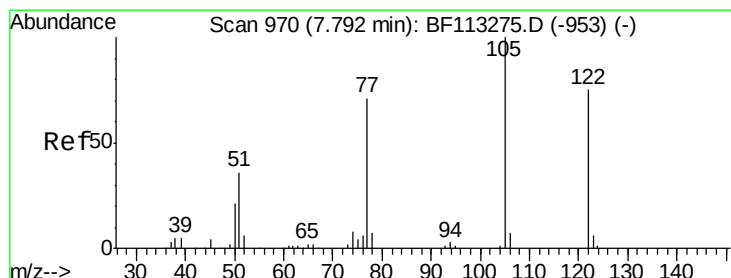
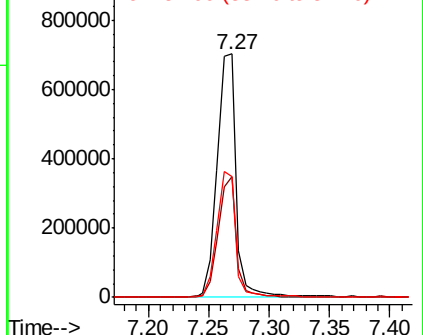
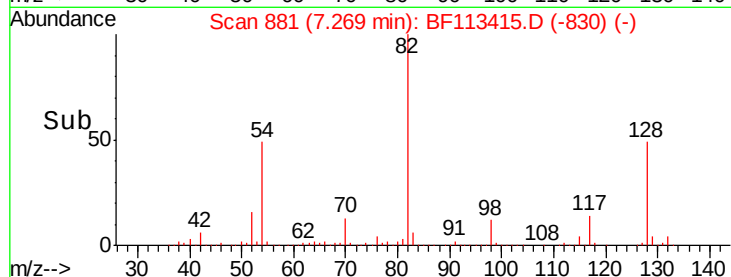
#23
Nitrobenzene-d5
Concen: 86.717 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion: 82 Resp: 755654
Ion Ratio Lower Upper
82 100
128 49.3 36.5 54.7
54 49.4 42.2 63.2

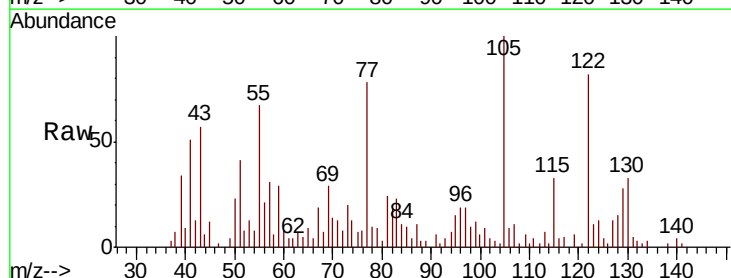


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

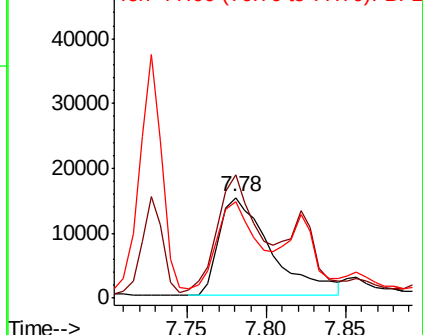
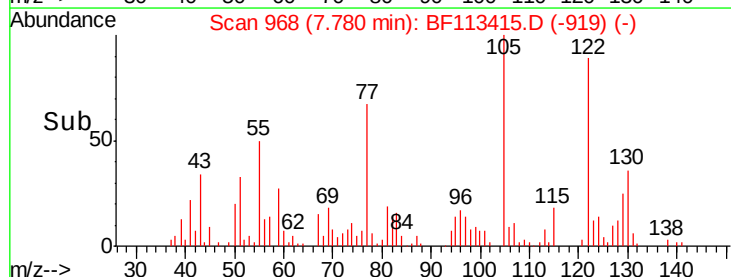


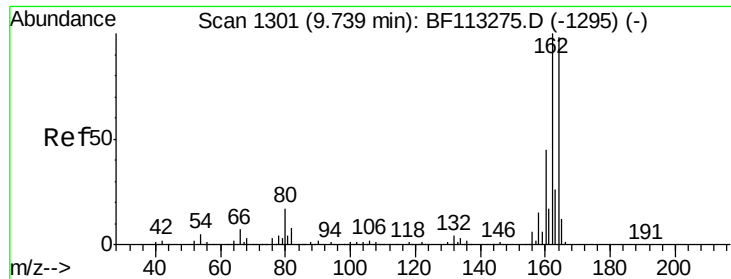
#32
Benzoic acid
Concen: 6.202 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Tgt Ion: 122 Resp: 34516
Ion Ratio Lower Upper
122 100
105 122.3 100.4 140.4
77 95.6 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

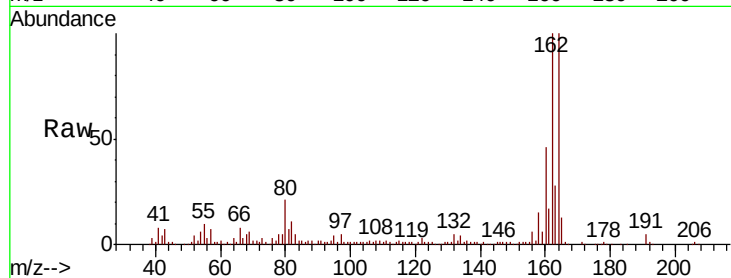




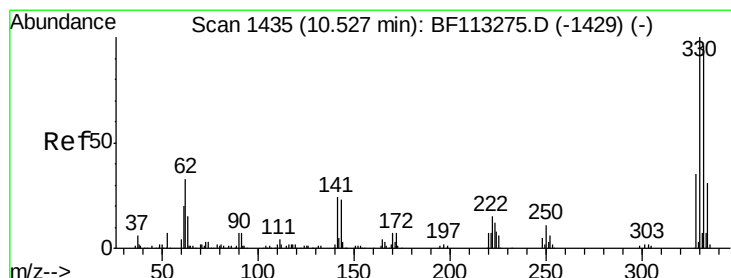
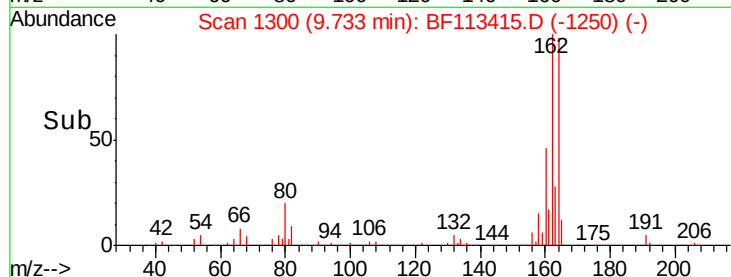
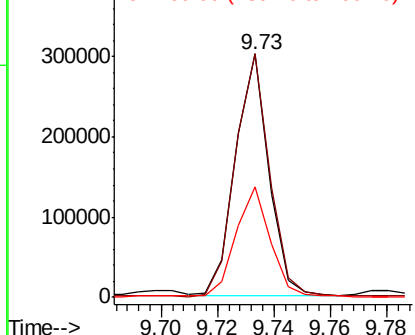
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:164 Resp: 246534
Ion Ratio Lower Upper
164 100
162 99.8 81.8 122.6
160 45.6 36.4 54.6

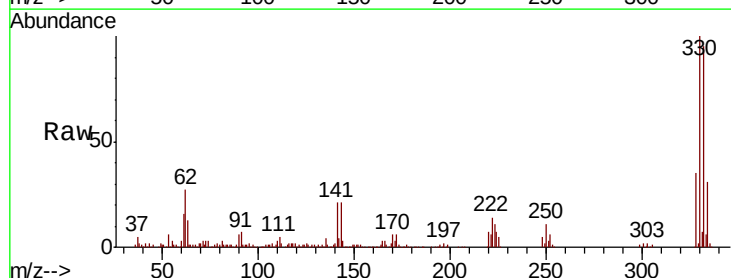


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

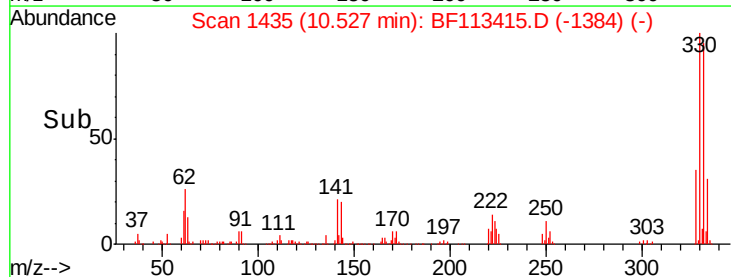
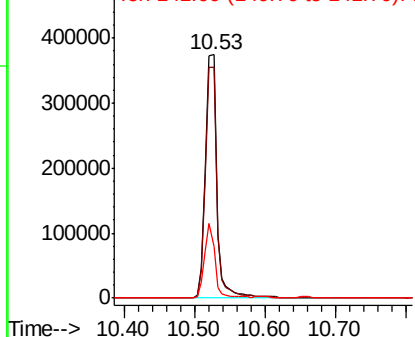


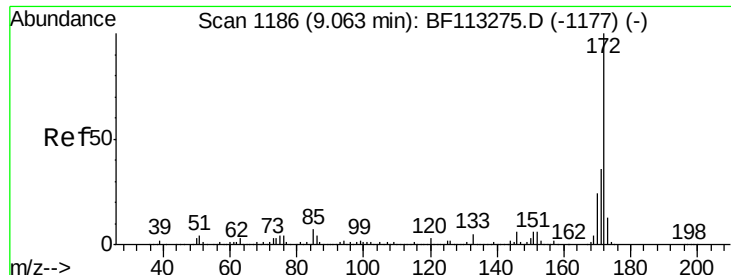
#42
2,4,6-Tribromophenol
Concen: 139.310 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Tgt Ion:330 Resp: 424235
Ion Ratio Lower Upper
330 100
332 95.1 77.8 116.6
141 27.0 22.7 34.1



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

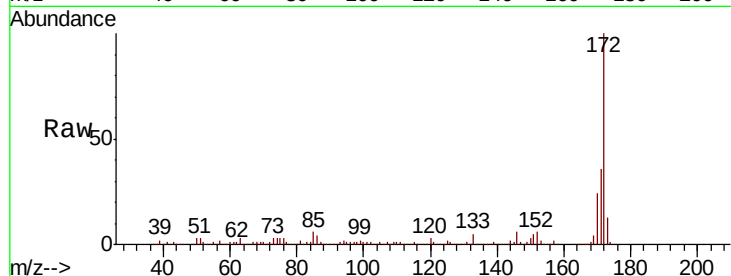




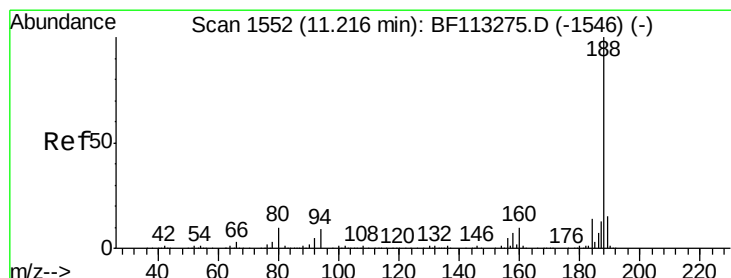
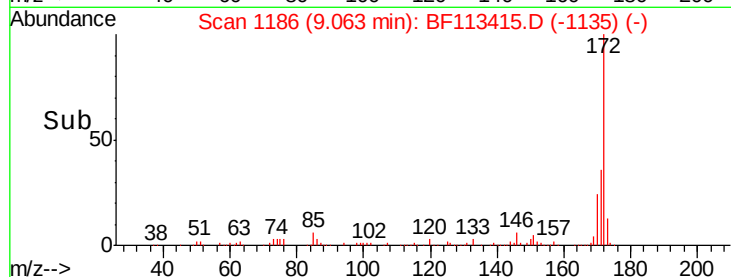
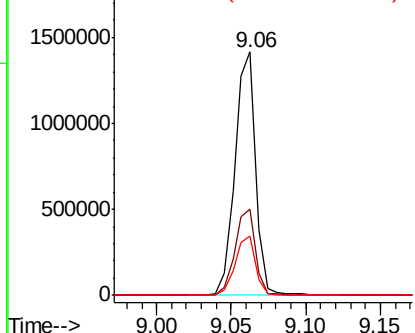
#45
2-Fluorobiphenyl
Concen: 88.576 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:172 Resp: 1381569
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 24.4 19.5 29.3

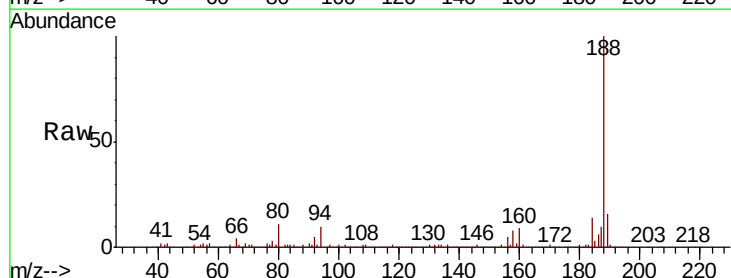


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

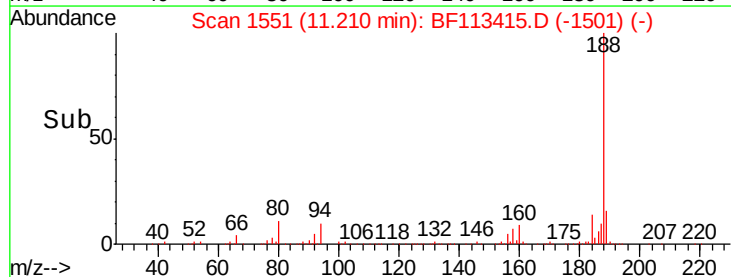
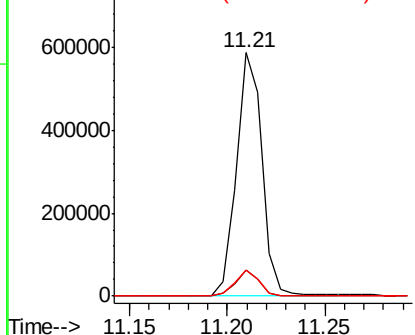


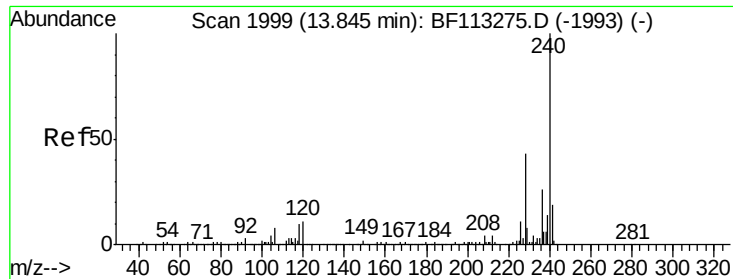
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Tgt Ion:188 Resp: 533361
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 10.8 7.7 11.5



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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113415.D

Acq: 29 Mar 2019 16:00

Instrument :

BNA_F

ClientSampleId :

TW-1

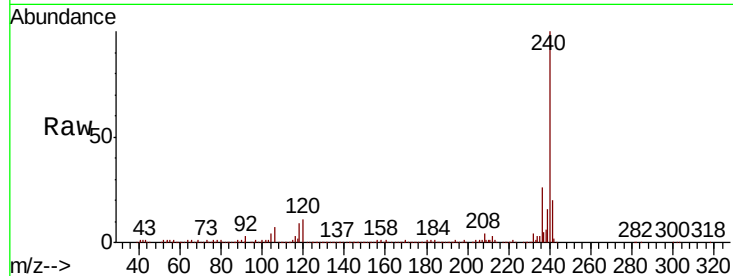
Tgt Ion:240 Resp: 504066

Ion Ratio Lower Upper

240 100

120 10.8 8.8 13.2

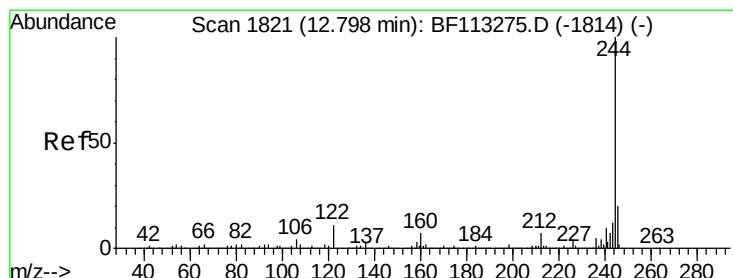
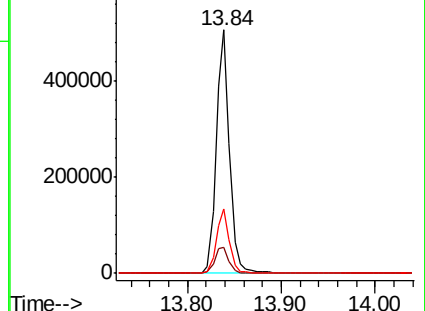
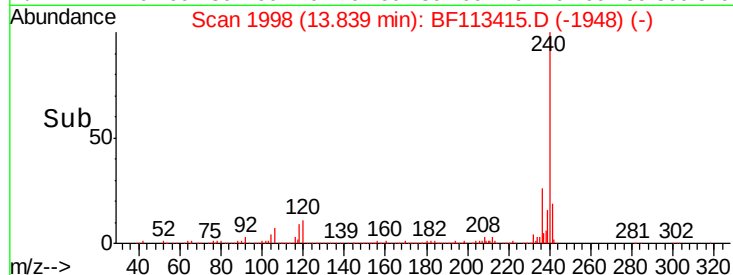
236 26.3 20.9 31.3



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: 76.012 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113415.D

Acq: 29 Mar 2019 16:00

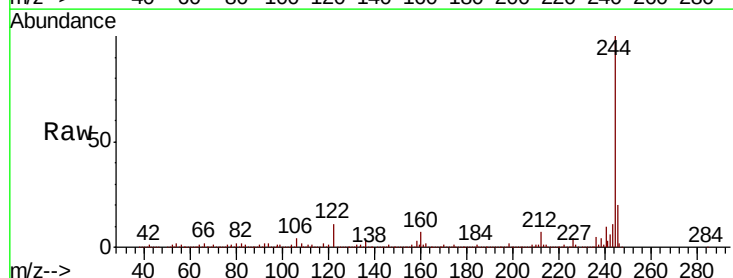
Tgt Ion:244 Resp: 1738292

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

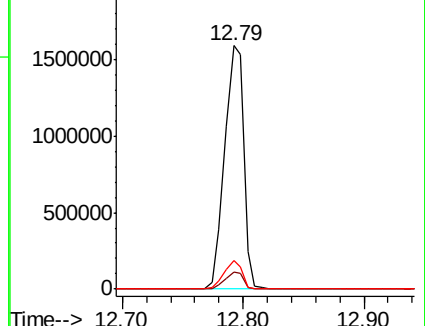
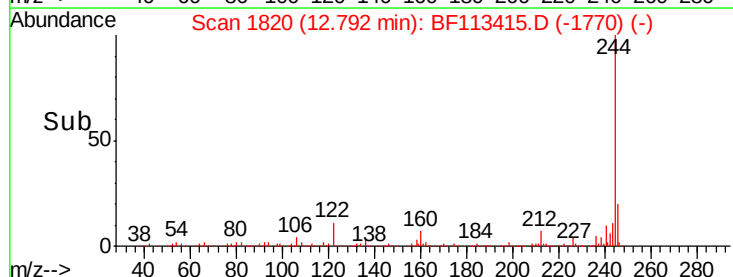
122 11.5 8.6 13.0

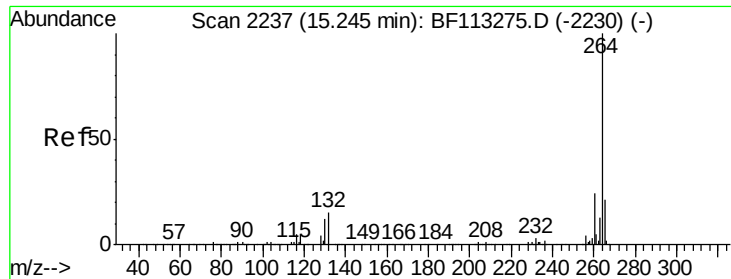


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2236
Delta R.T. -0.01 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	21.5	17.1	25.7

