

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113299.D
 Acq On : 26 Mar 2019 19:00
 Operator : JU/SJ
 Sample : K2081-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3A(12-22)COMP

Quant Time: Mar 27 05:01:01 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

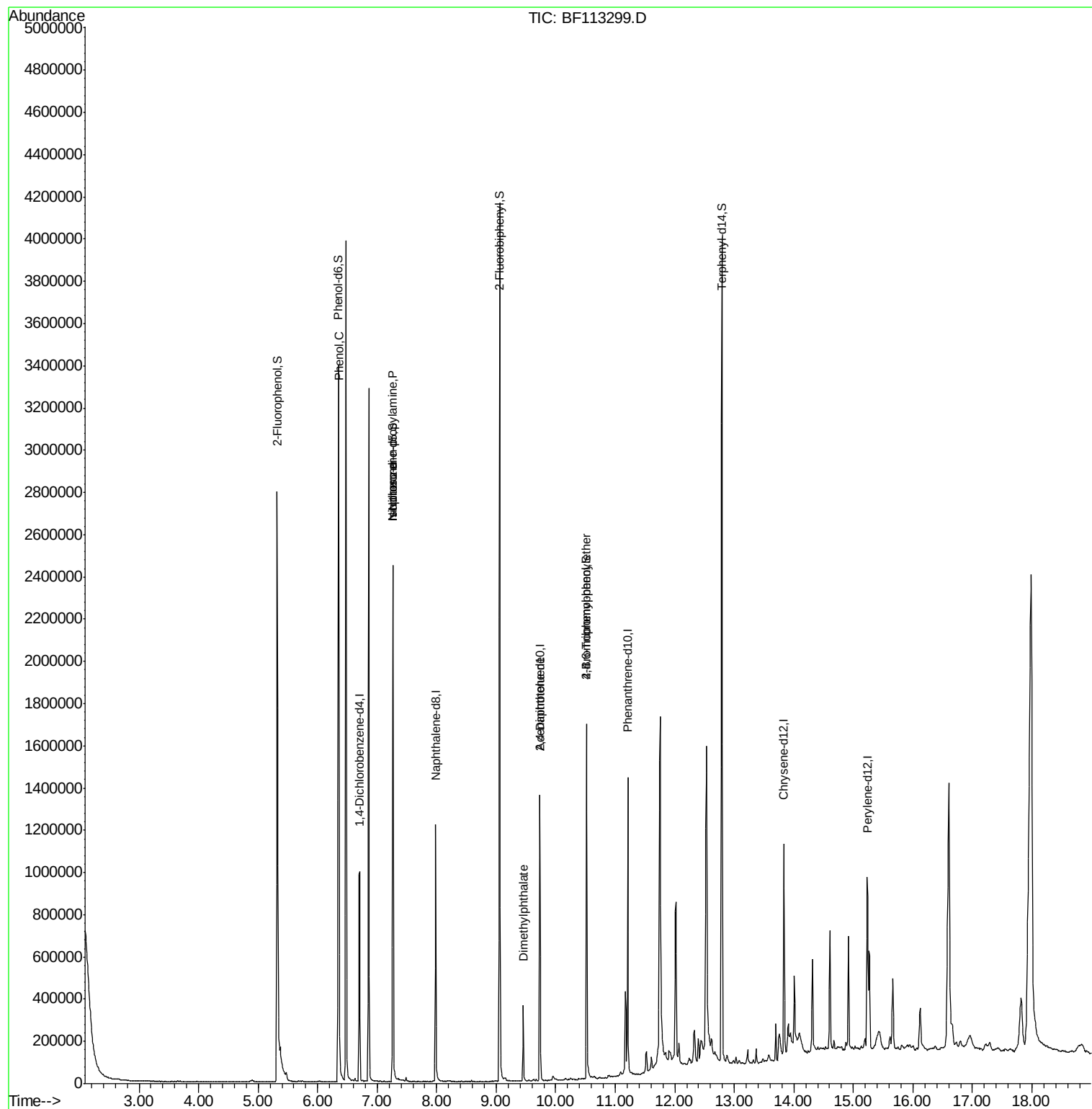
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	164806	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	595815	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	275935	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	505943	20.00	ng	0.00
76) Chrysene-d12	13.83	240	380171	20.00	ng	-0.01
87) Perylene-d12	15.23	264	415193	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1203878	119.44	ng	0.00
7) Phenol-d6	6.35	99	1478900	115.99	ng	0.00
23) Nitrobenzene-d5	7.26	82	925380	92.18	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	242668	71.20	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1542912	88.33	ng	0.00
79) Terphenyl-d14	12.79	244	1386874	80.41	ng	0.00
Target Compounds						
10) Phenol	6.36	94	46534	3.197	ng	# 76
19) n-Nitroso-di-n-propylamine	7.26	70	120761	15.078	ng	# 77
25) Isophorone	7.26	82	914121	46.989	ng	# 64
50) Dimethylphthalate	9.45	163	146734	7.176	ng	100
57) 2,4-Dinitrotoluene	9.73	165	34459	5.874	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	13487	2.446	ng	# 1

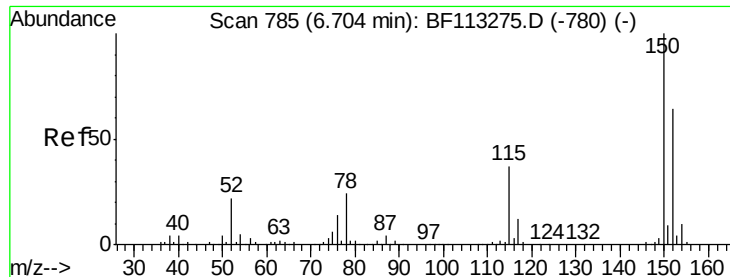
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113299.D
Acq On : 26 Mar 2019 19:00
Operator : JU/SJ
Sample : K2081-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S3A(12-22)COMP

Quant Time: Mar 27 05:01:01 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



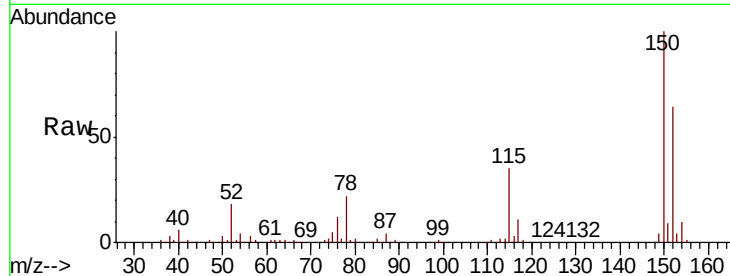


#1

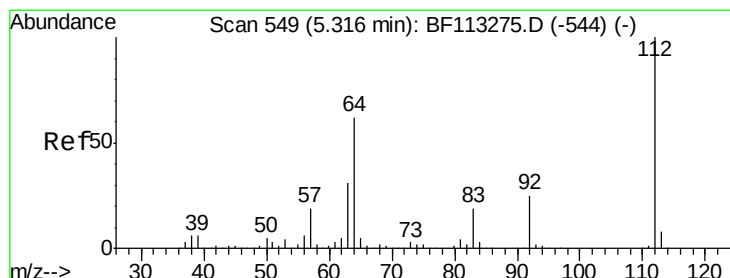
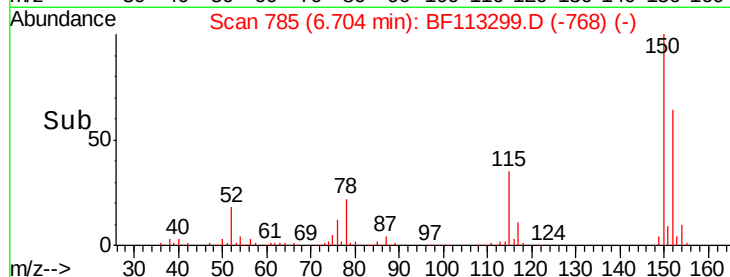
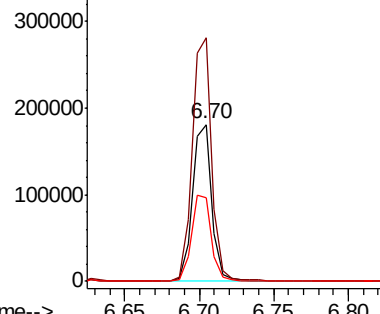
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113299.D
Acq: 26 Mar 2019 19:00

Instrument :
BNA_F
ClientSampleId :
S3A(12-22)COMP

Tgt Ion:152 Resp: 164806
Ion Ratio Lower Upper
152 100
150 155.5 124.7 187.1
115 53.7 46.0 69.0



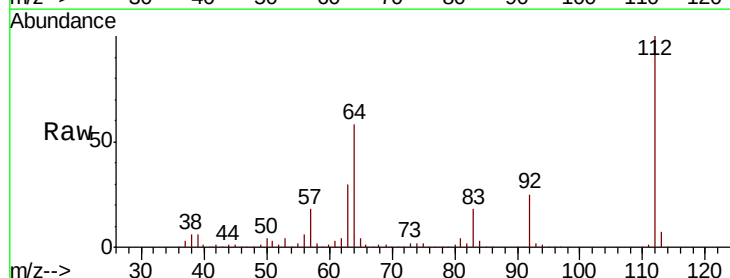
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



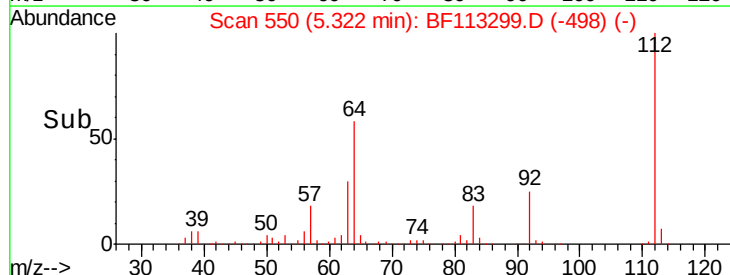
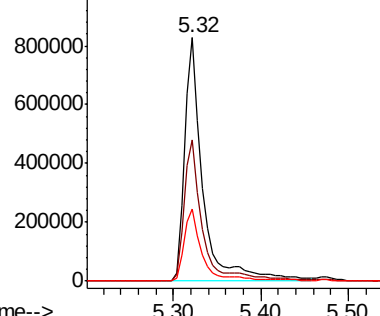
#5

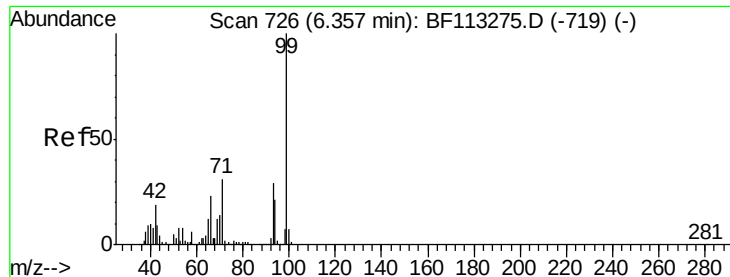
2-Fluorophenol
Concen: 119.443 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113299.D
Acq: 26 Mar 2019 19:00

Tgt Ion:112 Resp: 1203878
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 29.8 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: 115.986 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113299.D

Acq: 26 Mar 2019 19:00

Instrument :

BNA_F

ClientSampleId :

S3A(12-22)COMP

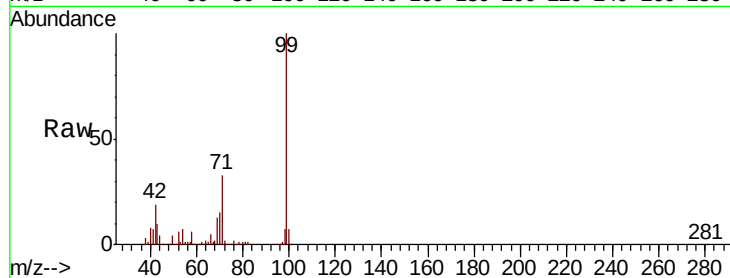
Tgt Ion: 99 Resp: 1478900

Ion Ratio Lower Upper

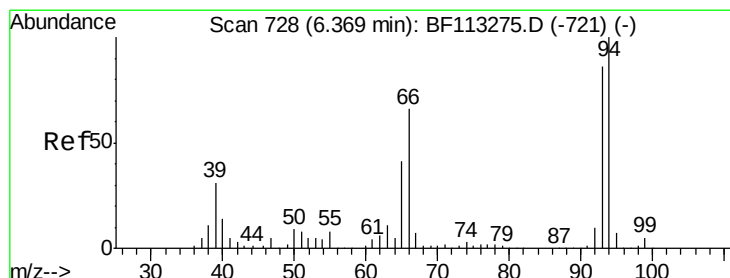
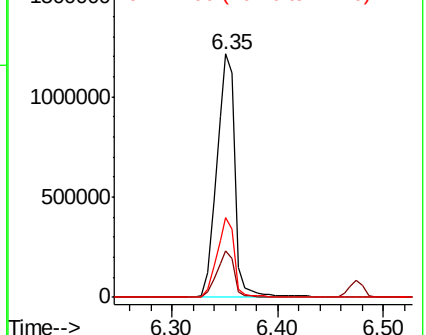
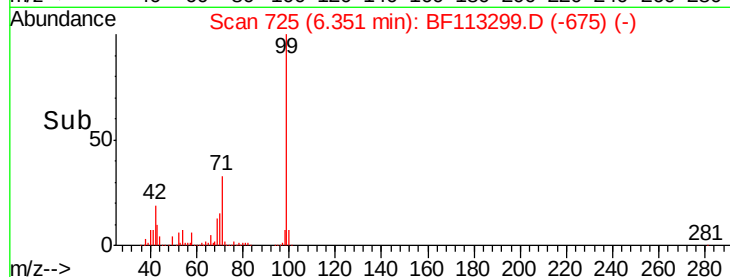
99 100

42 18.9 14.8 22.2

71 32.5 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



#10

Phenol

Concen: 3.197 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113299.D

Acq: 26 Mar 2019 19:00

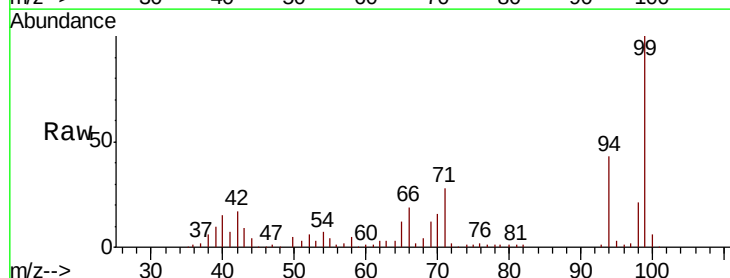
Tgt Ion: 94 Resp: 46534

Ion Ratio Lower Upper

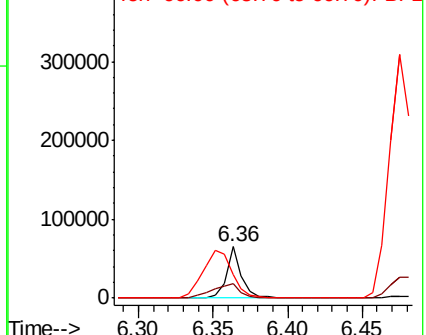
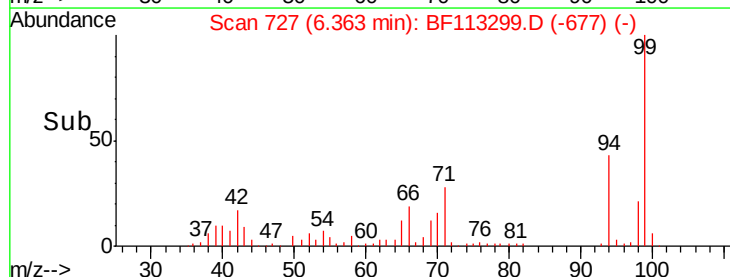
94 100

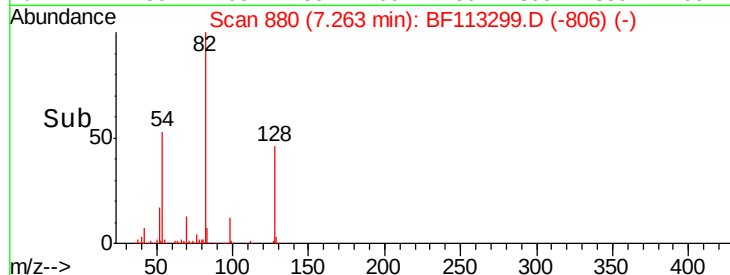
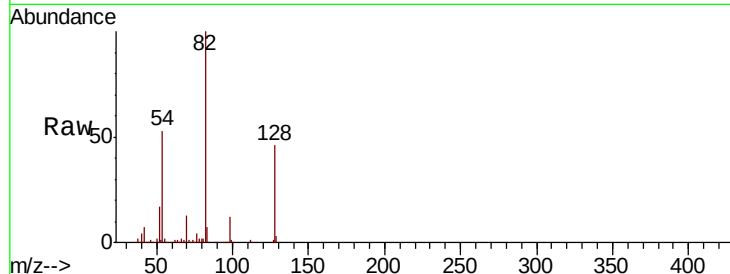
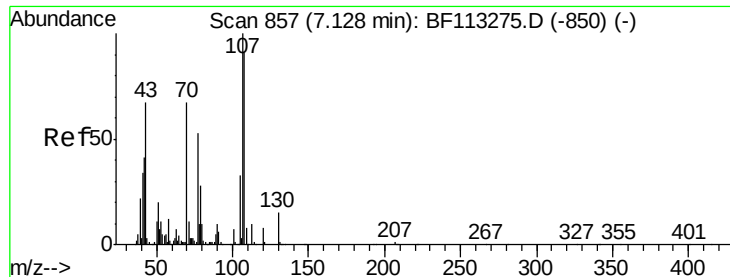
65 29.1 21.4 61.4

66 44.7 46.4 86.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

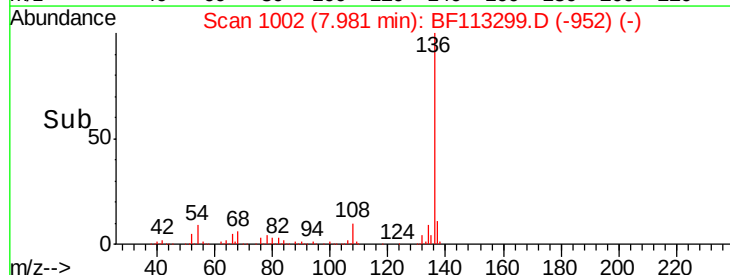
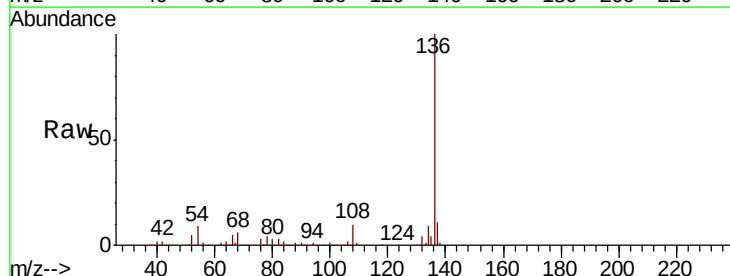
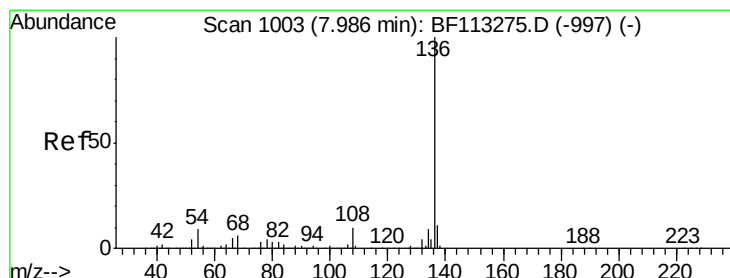
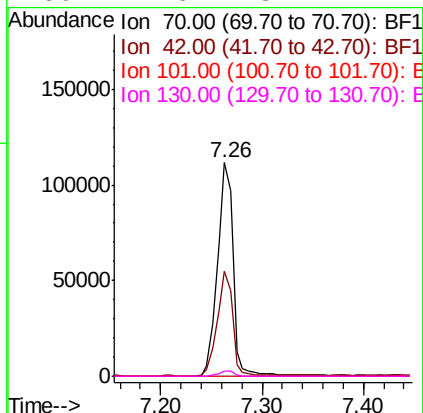




#19
n-Nitroso-di-n-propylamine
Concen: 15.078 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113299.D
Acq: 26 Mar 2019 19:00

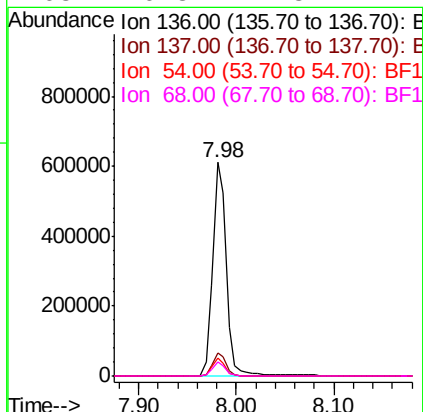
Instrument :
BNA_F
ClientSampleId :
S3A(12-22)COMP

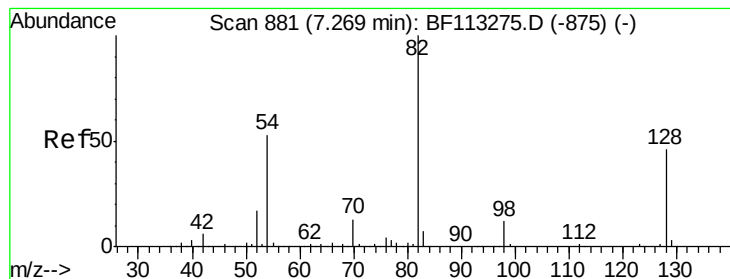
Tgt Ion: 70 Resp: 120761
Ion Ratio Lower Upper
70 100
42 49.2 48.4 72.6
101 0.0 7.8 11.8#
130 2.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113299.D
Acq: 26 Mar 2019 19:00

Tgt Ion: 136 Resp: 595815
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.5 7.0 10.6
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 92.185 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF113299.D

Acq: 26 Mar 2019 19:00

Instrument :

BNA_F

ClientSampleId :

S3A(12-22)COMP

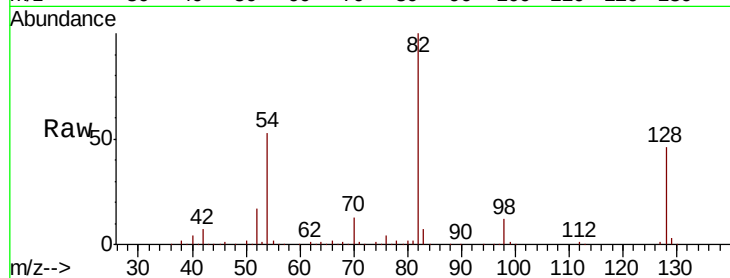
Tgt Ion: 82 Resp: 925380

Ion Ratio Lower Upper

82 100

128 46.1 36.5 54.7

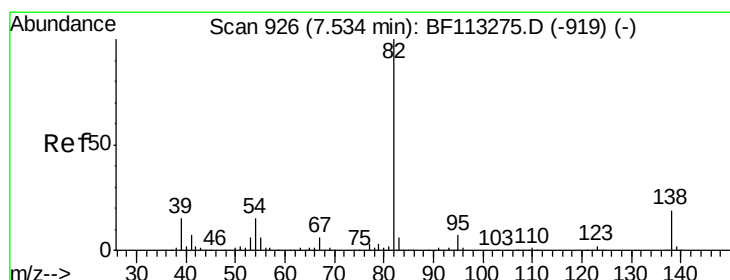
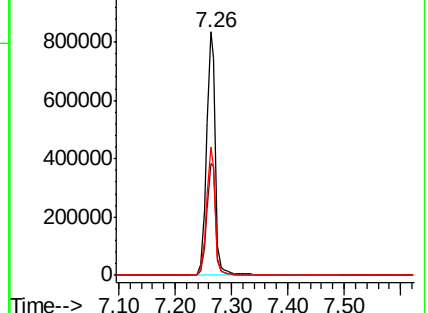
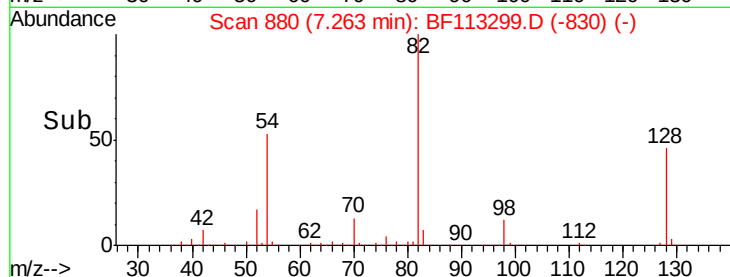
54 52.8 42.2 63.2



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



#25

Isophorone

Concen: 46.989 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF113299.D

Acq: 26 Mar 2019 19:00

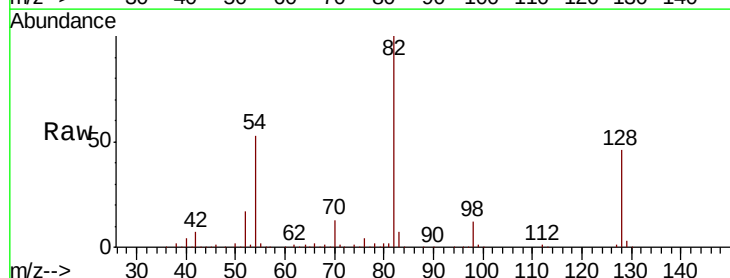
Tgt Ion: 82 Resp: 914121

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

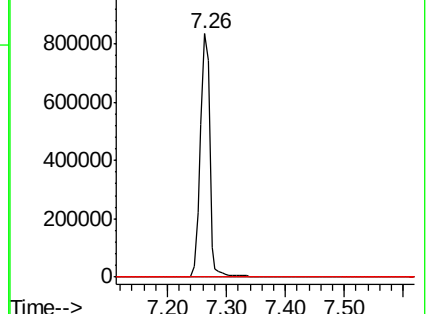
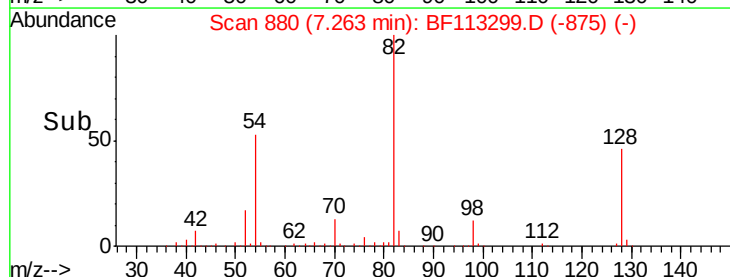
138 0.0 15.2 22.8#

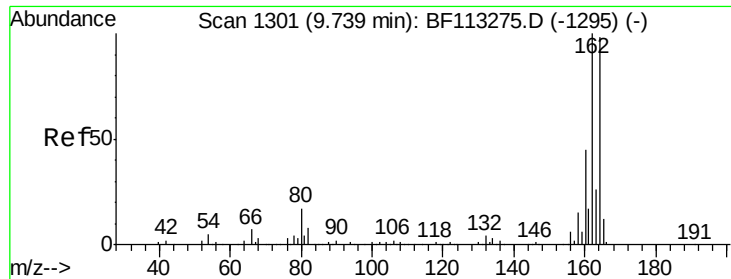


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

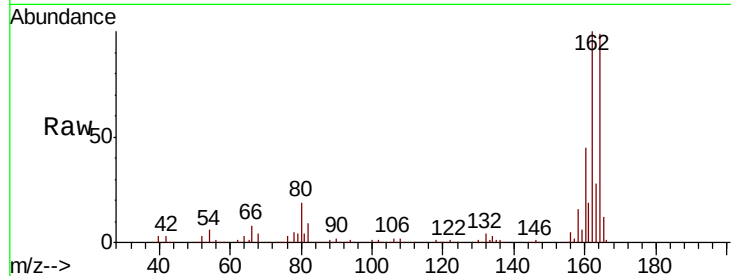




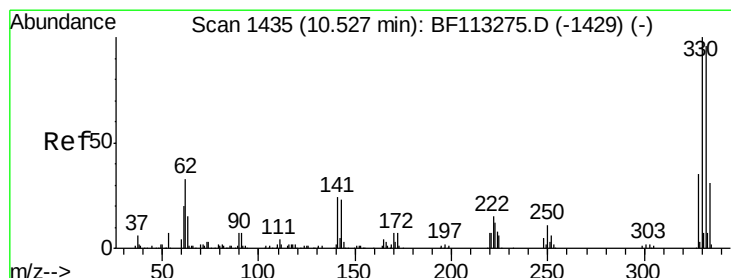
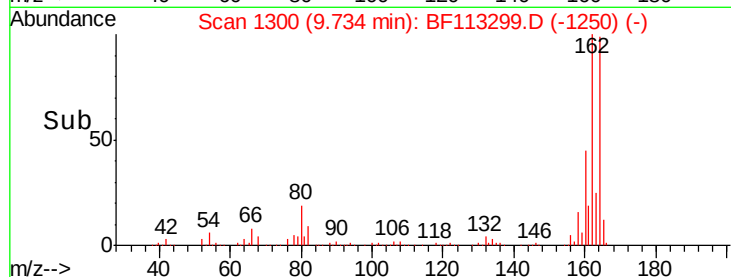
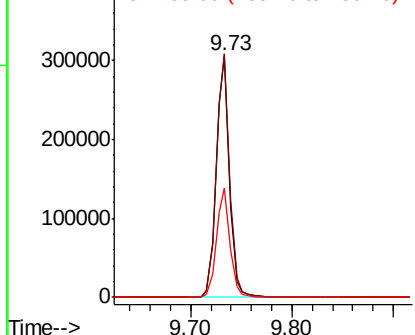
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113299.D
Acq: 26 Mar 2019 19:00

Instrument :
BNA_F
ClientSampleId :
S3A(12-22)COMP

Tgt Ion:164 Resp: 275935
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.6
160 45.4 36.4 54.6

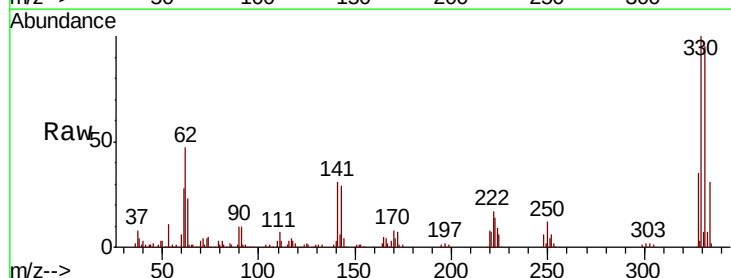


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

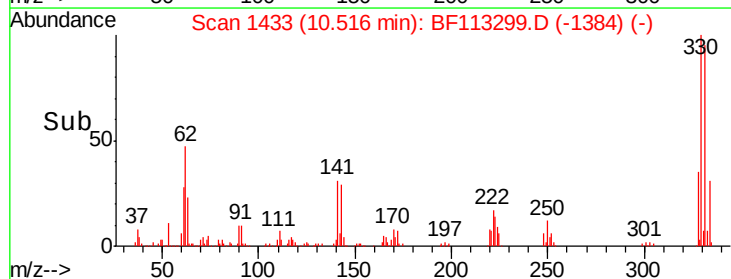
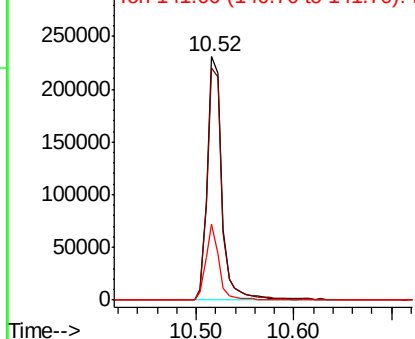


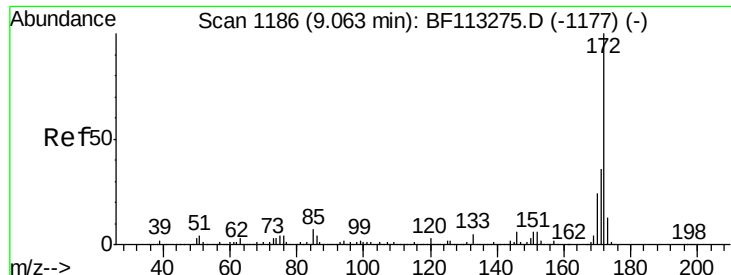
#42
2,4,6-Tribromophenol
Concen: 71.196 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF113299.D
Acq: 26 Mar 2019 19:00

Tgt Ion:330 Resp: 242668
Ion Ratio Lower Upper
330 100
332 95.9 77.8 116.6
141 28.0 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

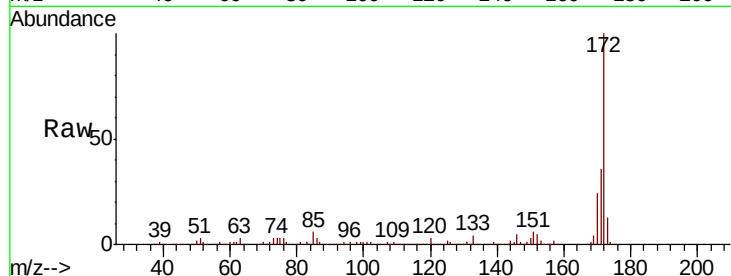




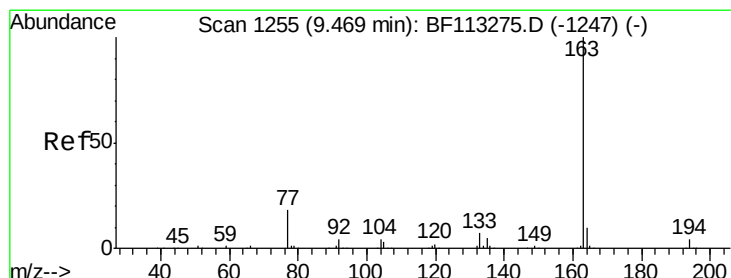
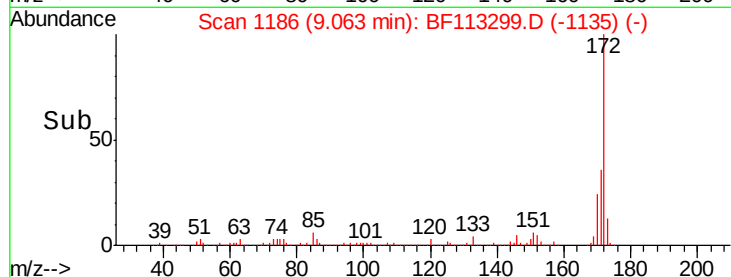
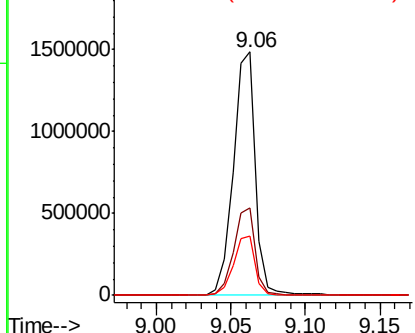
#45
2-Fluorobiphenyl
Concen: 88.331 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113299.D
Acq: 26 Mar 2019 19:00

Instrument :
BNA_F
ClientSampleId :
S3A(12-22)COMP

Tgt Ion:172 Resp: 1542912
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 24.4 19.5 29.3

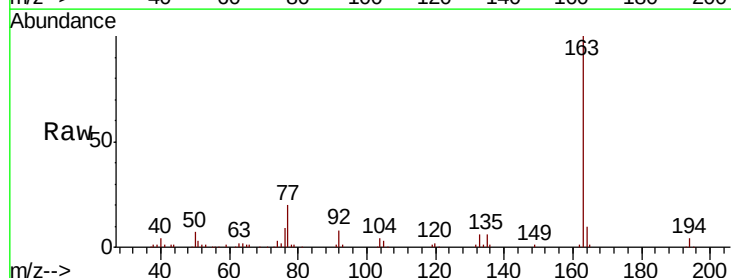


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

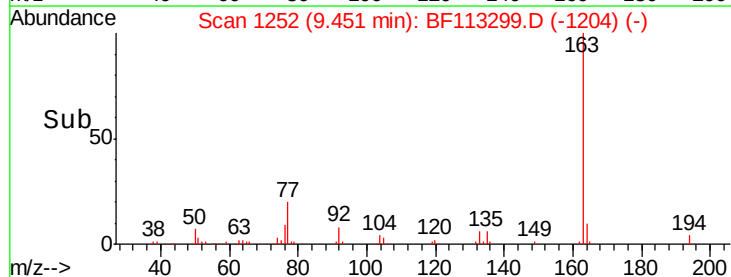
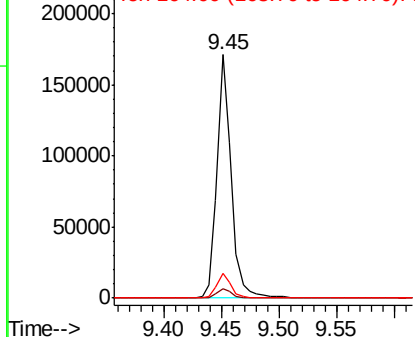


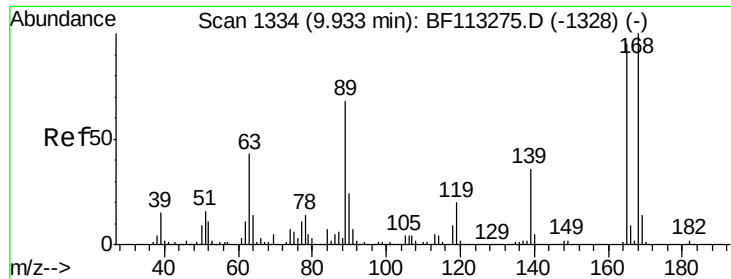
#50
Dimethylphthalate
Concen: 7.176 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113299.D
Acq: 26 Mar 2019 19:00

Tgt Ion:163 Resp: 146734
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
200000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

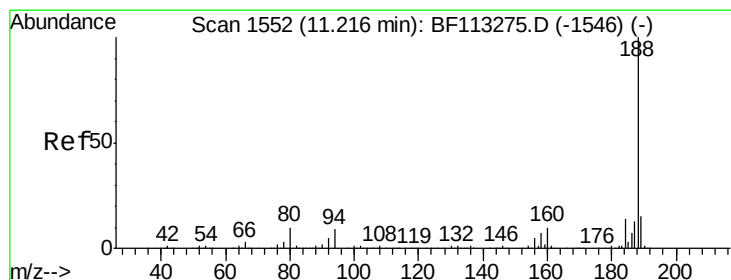
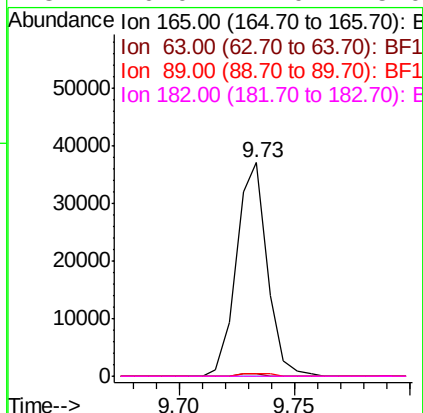
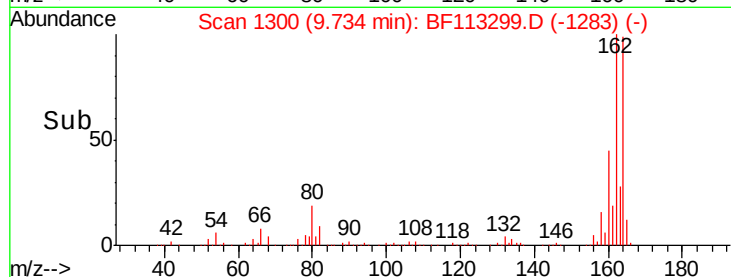
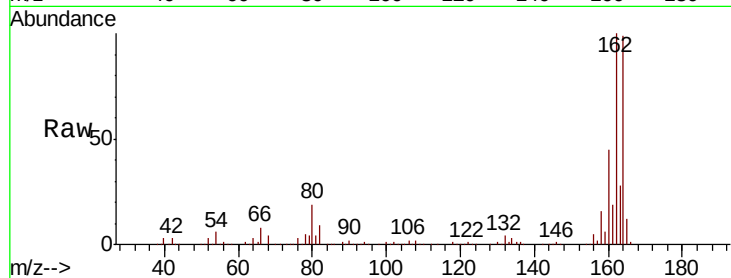




#57
 2,4-Dinitrotoluene
 Concen: 5.874 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113299.D
 Acq: 26 Mar 2019 19:00

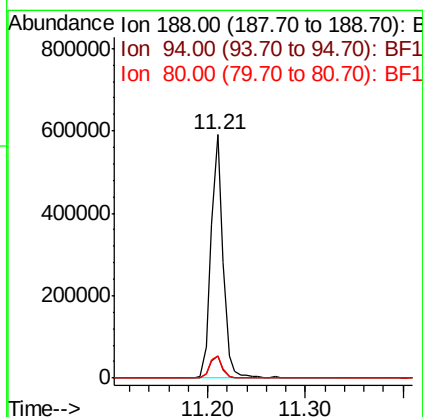
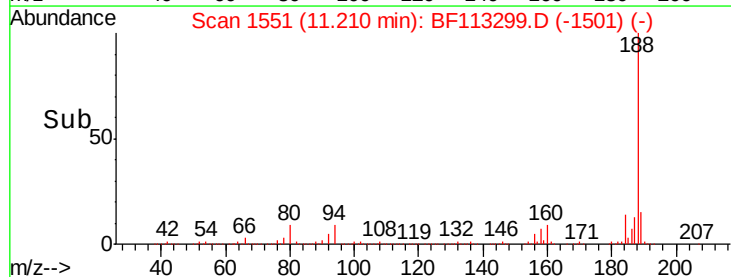
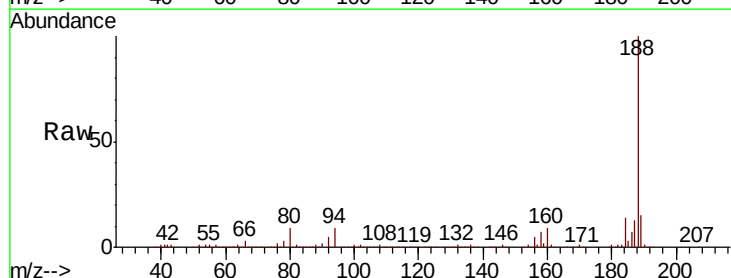
Instrument :
 BNA_F
 ClientSampleId :
 S3A(12-22)COMP

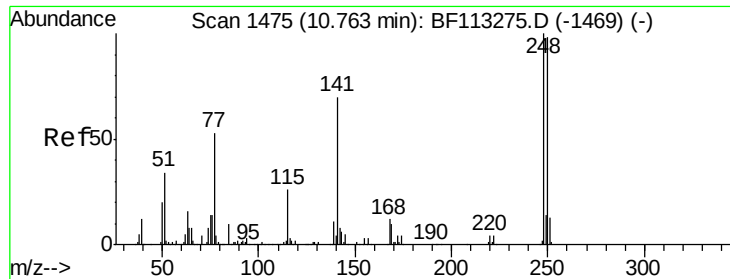
Tgt Ion:165 Resp: 34459
 Ion Ratio Lower Upper
 165 100
 63 1.3 37.5 56.3#
 89 1.5 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113299.D
 Acq: 26 Mar 2019 19:00

Tgt Ion:188 Resp: 505943
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.0 10.6
 80 9.3 7.7 11.5

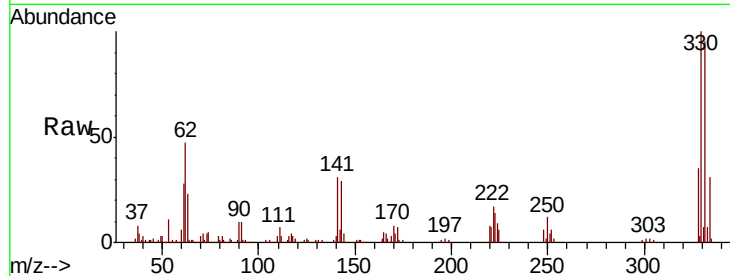




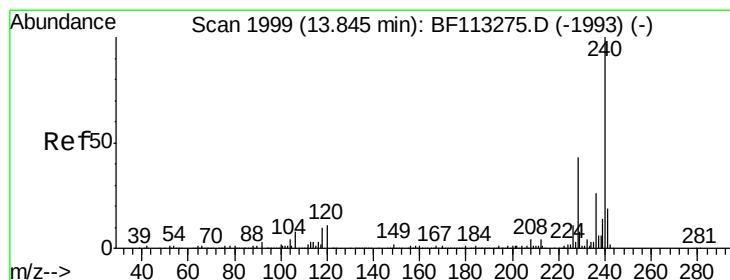
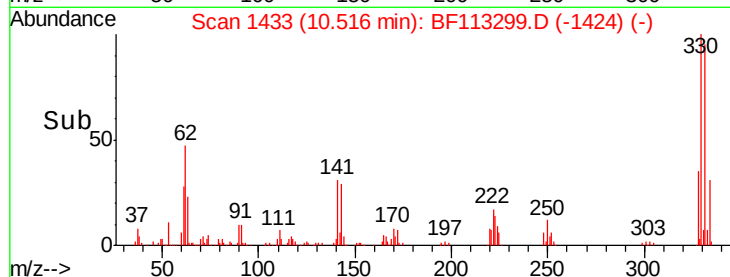
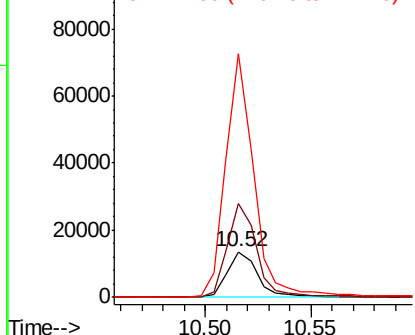
#67
 4-Bromophenyl-phenylether
 Concen: 2.446 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF113299.D
 Acq: 26 Mar 2019 19:00

Instrument :
 BNA_F
 ClientSampleId :
 S3A(12-22)COMP

Tgt Ion:248 Resp: 13487
 Ion Ratio Lower Upper
 248 100
 250 205.3 78.3 117.5#
 141 531.1 56.2 84.4#

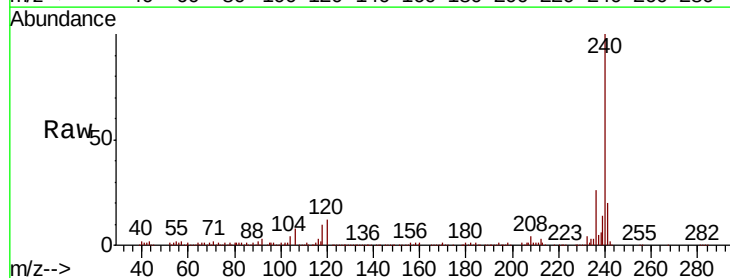


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

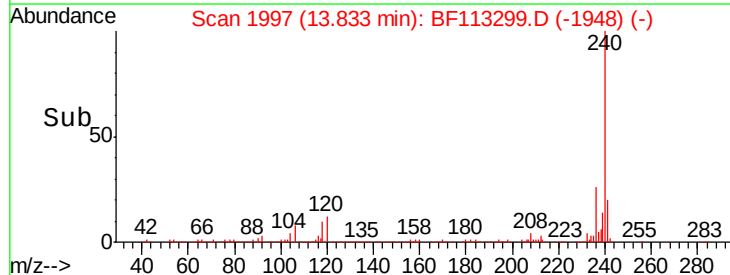
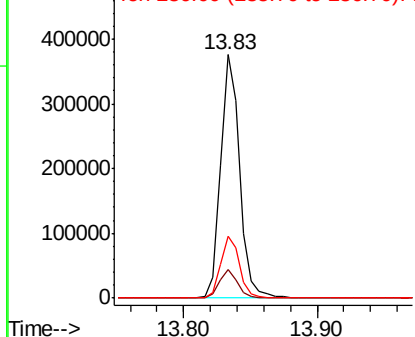


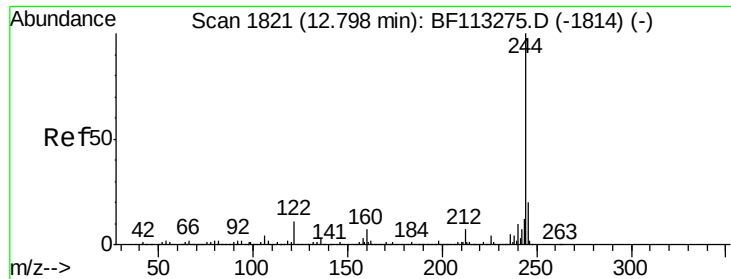
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113299.D
 Acq: 26 Mar 2019 19:00

Tgt Ion:240 Resp: 380171
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.8 13.2
 236 25.5 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: 80.409 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113299.D

Acq: 26 Mar 2019 19:00

Instrument :

BNA_F

ClientSampleId :

S3A(12-22)COMP

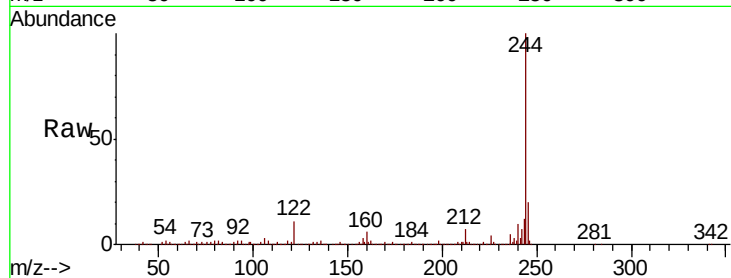
Tgt Ion:244 Resp: 1386874

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

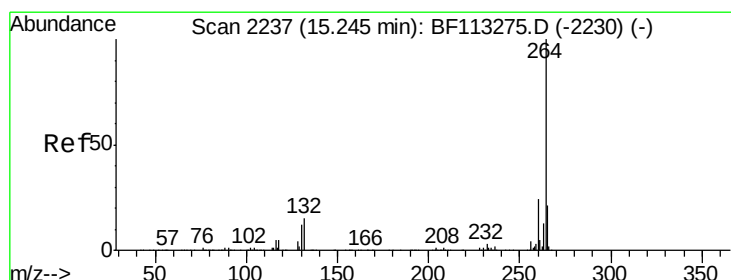
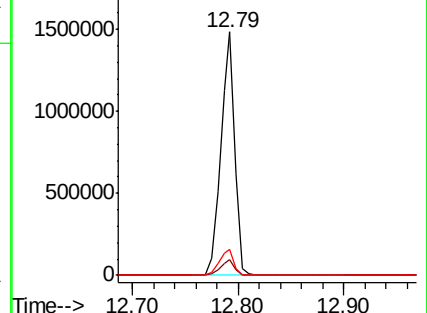
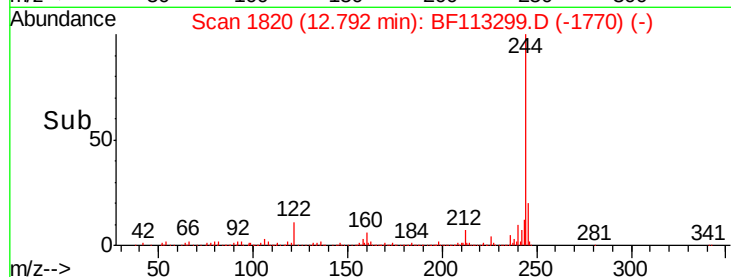
122 10.5 8.6 13.0



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: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF113299.D

Acq: 26 Mar 2019 19:00

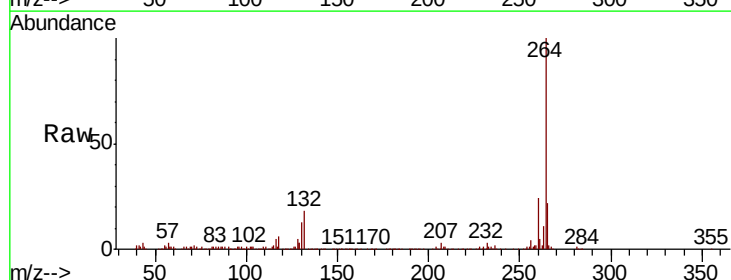
Tgt Ion:264 Resp: 415193

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.8 17.1 25.7



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

