

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113168.D
 Acq On : 20 Mar 2019 13:48
 Operator : JU/SJ
 Sample : K1972-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-8-031519

Quant Time: Mar 21 13:42:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	131119	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	481472	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	258022	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	531107	20.00	ng	0.00
76) Chrysene-d12	13.86	240	306303	20.00	ng	0.00
87) Perylene-d12	15.27	264	313198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	435974	51.72	ng	0.00
7) Phenol-d6	6.36	99	400952	37.87	ng	-0.01
23) Nitrobenzene-d5	7.28	82	722095	89.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	446181	162.89	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1457185	97.25	ng	0.00
79) Terphenyl-d14	12.82	244	1539052	97.40	ng	0.00

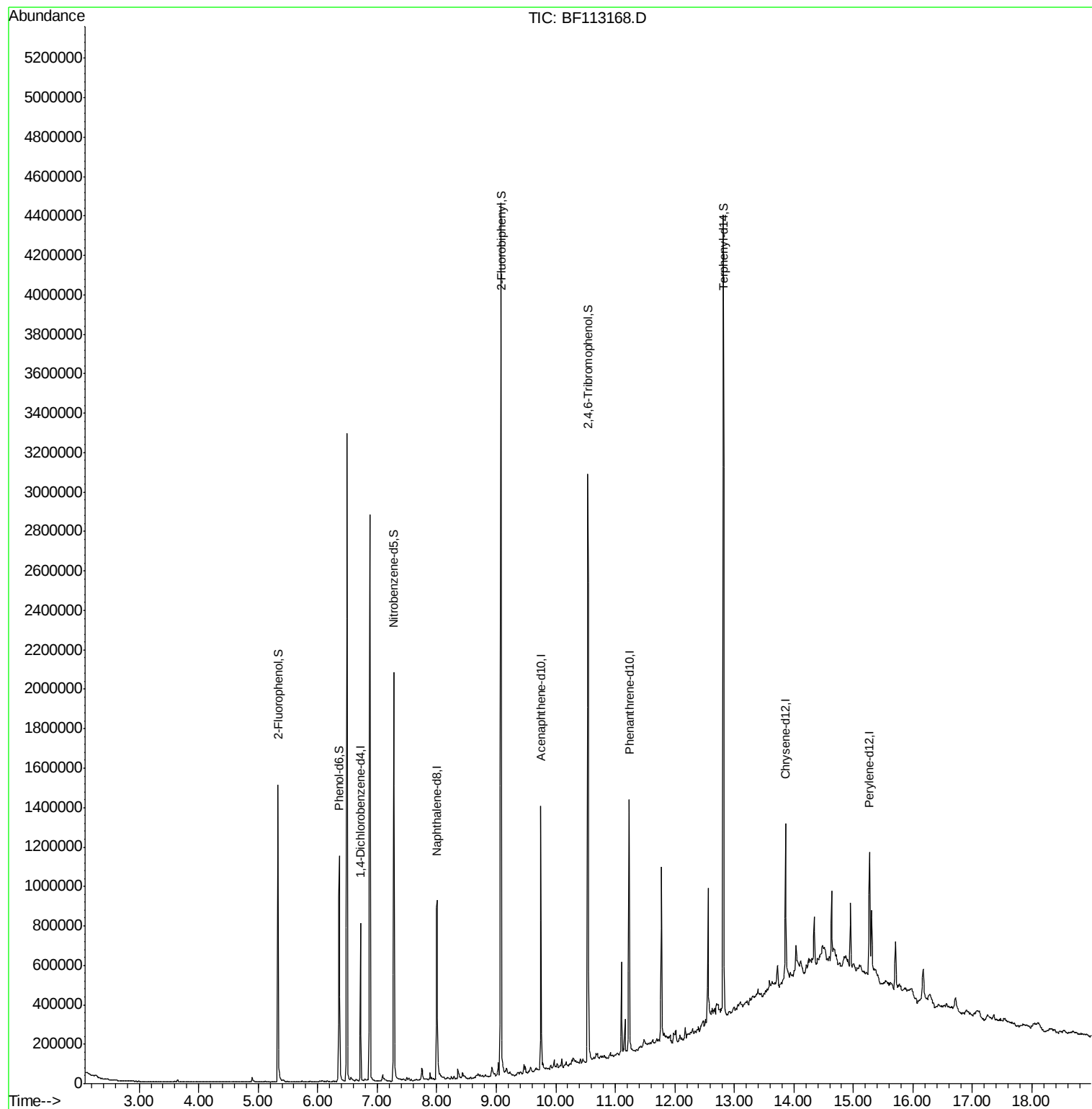
Target Compounds	Qvalue
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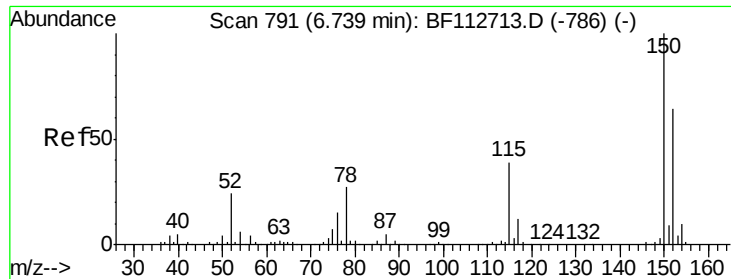
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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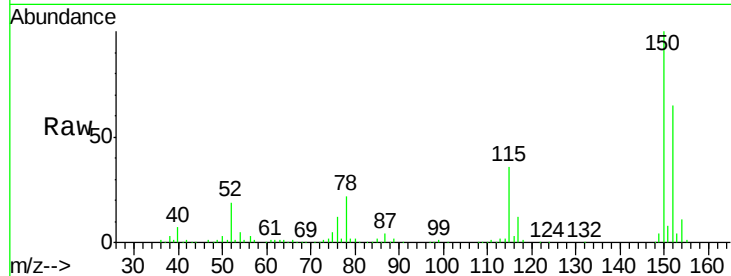


#1

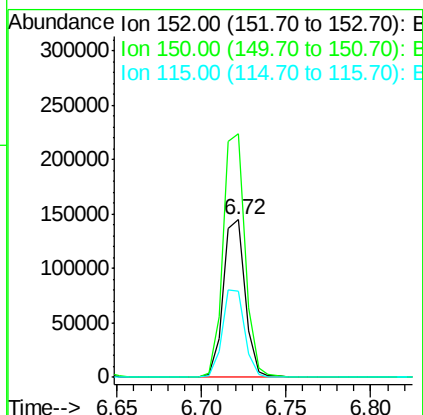
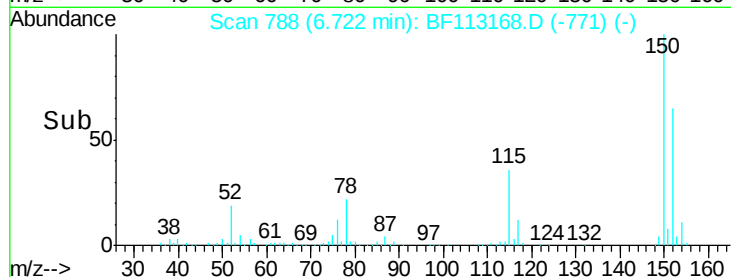
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113168.D
Acq: 20 Mar 2019 13:48

Instrument :
BNA_F
ClientSampleId :
TW-8-031519

Tgt Ion:152 Resp: 131119
Ion Ratio Lower Upper
152 100
150 154.6 123.0 184.6
115 55.0 45.9 68.9



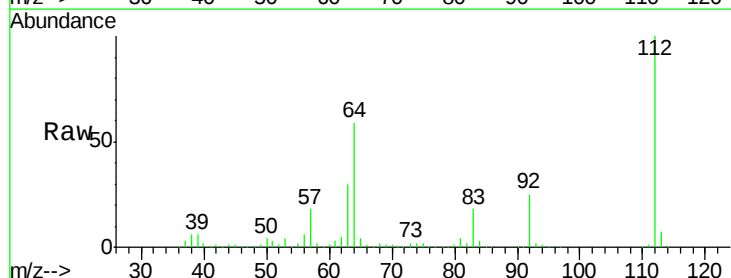
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



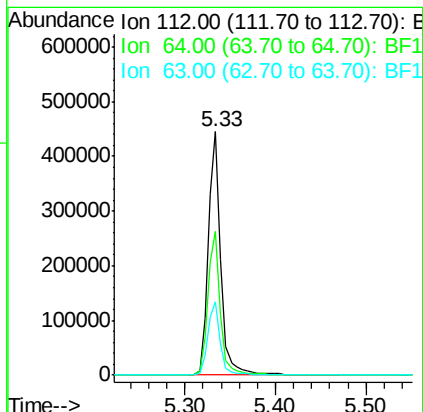
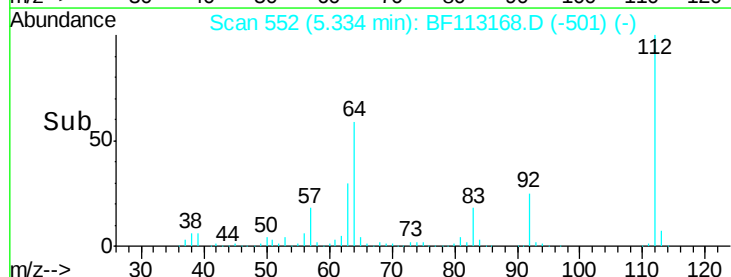
#5

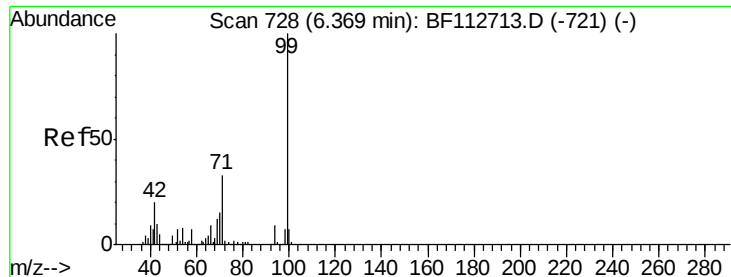
2-Fluorophenol
Concen: 51.722 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF113168.D
Acq: 20 Mar 2019 13:48

Tgt Ion:112 Resp: 435974
Ion Ratio Lower Upper
112 100
64 59.0 49.3 73.9
63 29.9 25.4 38.2



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: 37.867 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113168.D

Acq: 20 Mar 2019 13:48

Instrument :

BNA_F

ClientSampleId :

TW-8-031519

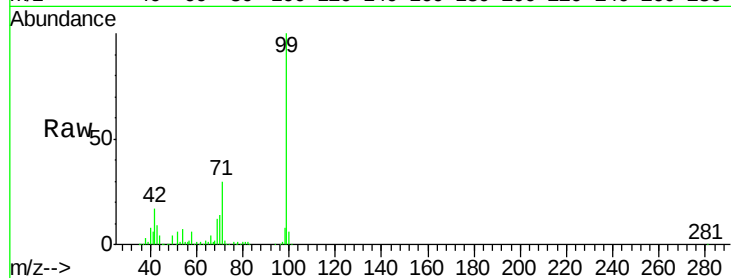
Tgt Ion: 99 Resp: 400952

Ion Ratio Lower Upper

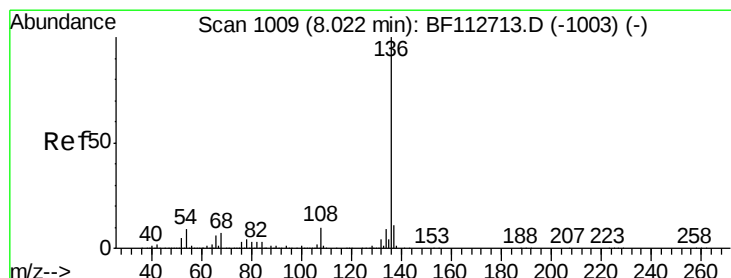
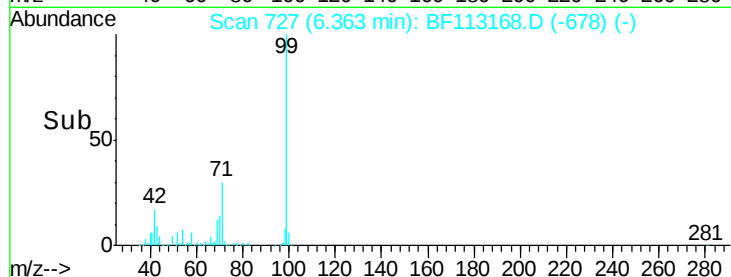
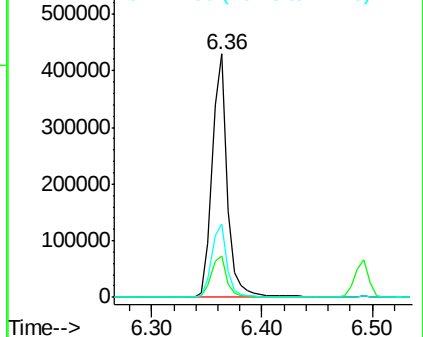
99 100

42 17.1 15.2 22.8

71 30.1 25.7 38.5



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: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF113168.D

Acq: 20 Mar 2019 13:48

Tgt Ion: 136 Resp: 481472

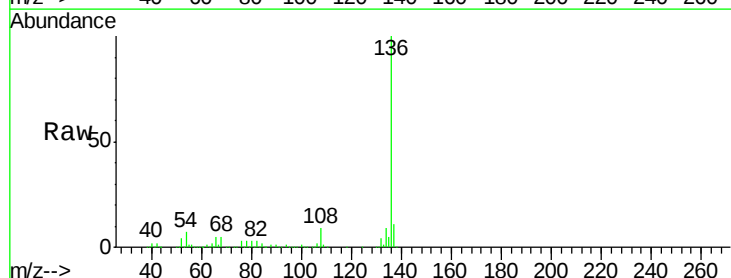
Ion Ratio Lower Upper

136 100

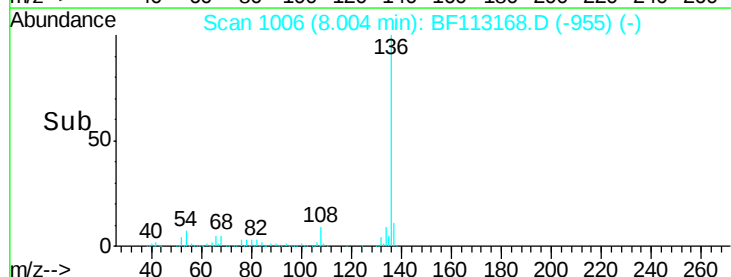
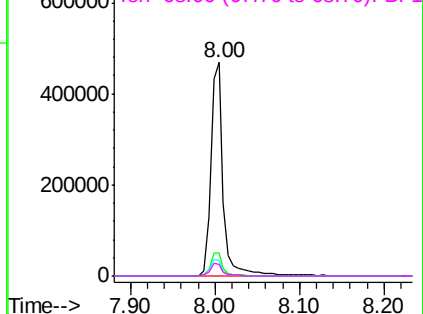
137 10.7 8.9 13.3

54 7.1 7.0 10.6

68 5.2 5.0 7.4



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

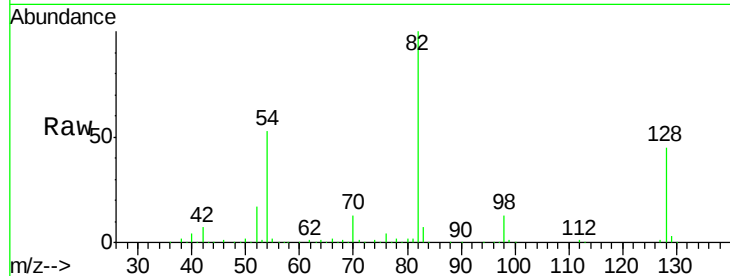




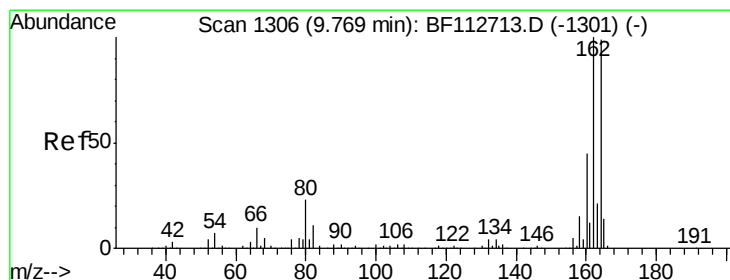
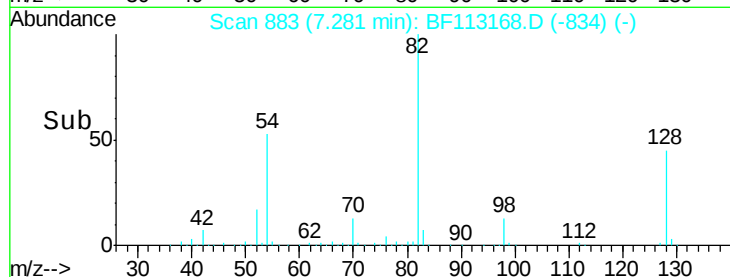
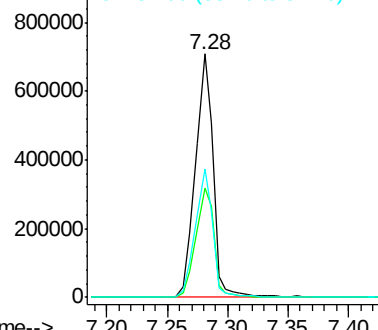
#23
 Nitrobenzene-d5
 Concen: 89.743 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF113168.D
 Acq: 20 Mar 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :
 TW-8-031519

Tgt Ion: 82 Resp: 722095
 Ion Ratio Lower Upper
 82 100
 128 45.0 37.9 56.9
 54 52.7 41.2 61.8

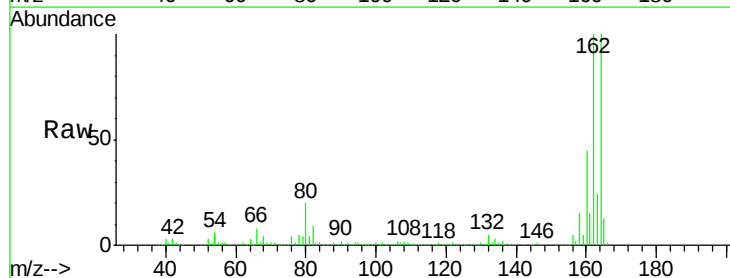


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

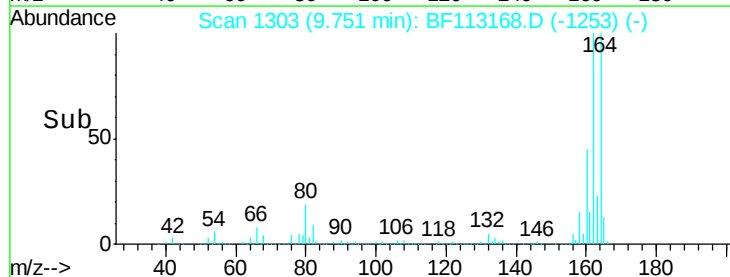
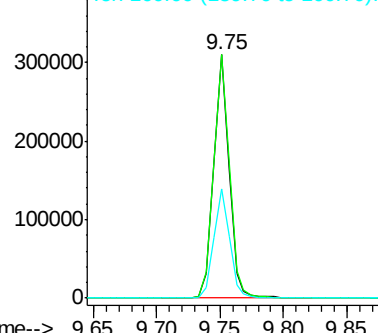


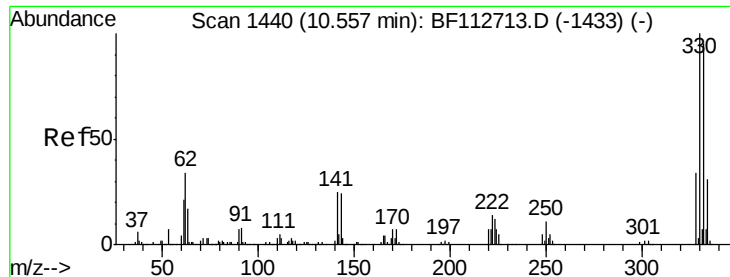
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF113168.D
 Acq: 20 Mar 2019 13:48

Tgt Ion: 164 Resp: 258022
 Ion Ratio Lower Upper
 164 100
 162 99.9 80.8 121.2
 160 44.7 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

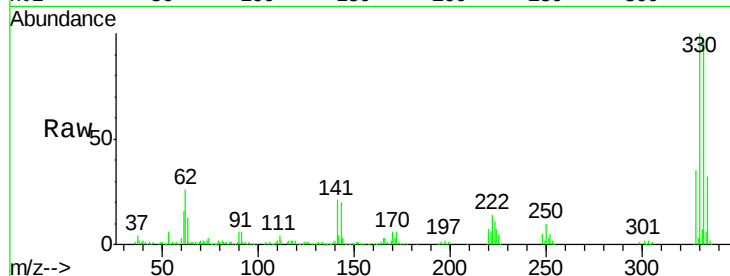




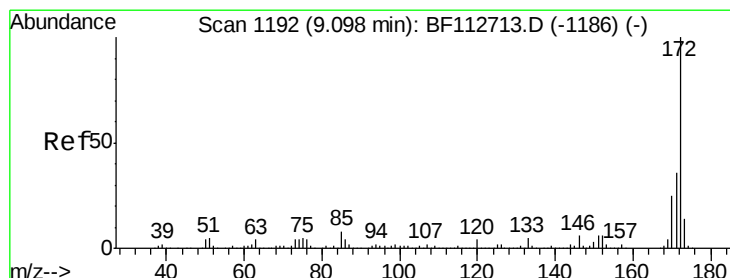
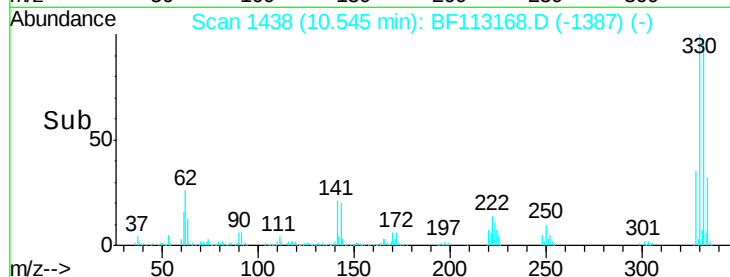
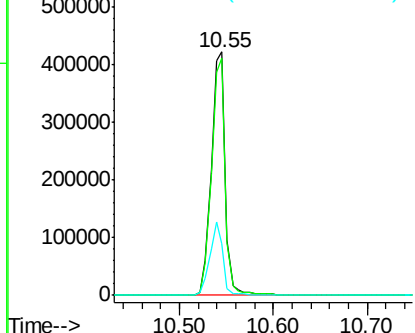
#42
 2,4,6-Tribromophenol
 Concen: 162.886 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF113168.D
 Acq: 20 Mar 2019 13:48

Instrument :
 BNA_F
 ClientSampled :
 TW-8-031519

Tgt Ion:330 Resp: 446181
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.3 114.5
 141 28.0 22.3 33.5

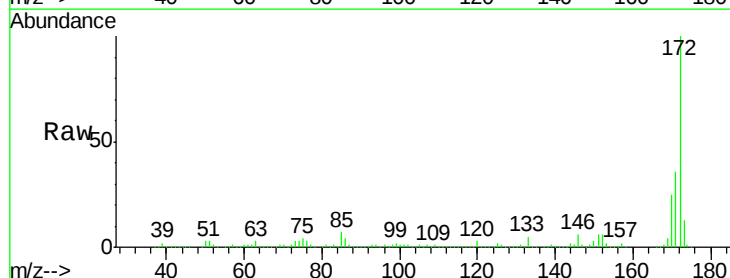


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

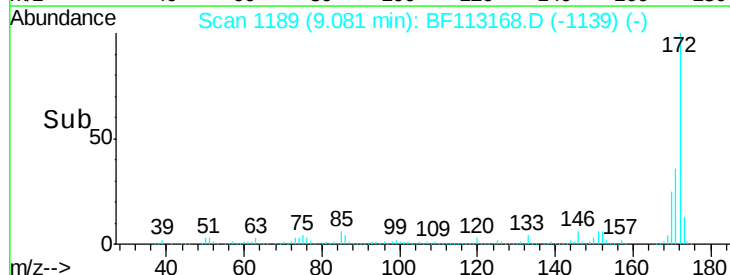
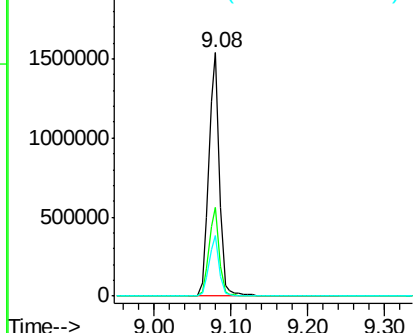


#45
 2-Fluorobiphenyl
 Concen: 97.249 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113168.D
 Acq: 20 Mar 2019 13:48

Tgt Ion:172 Resp: 1457185
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 24.7 20.1 30.1



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

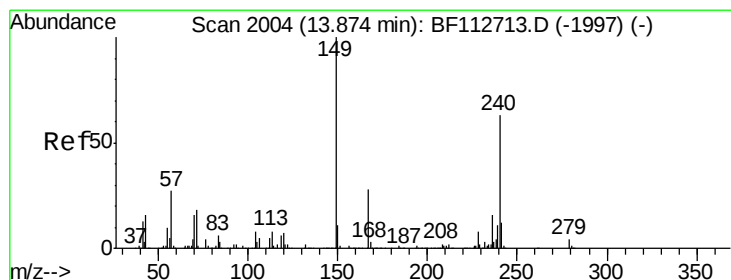
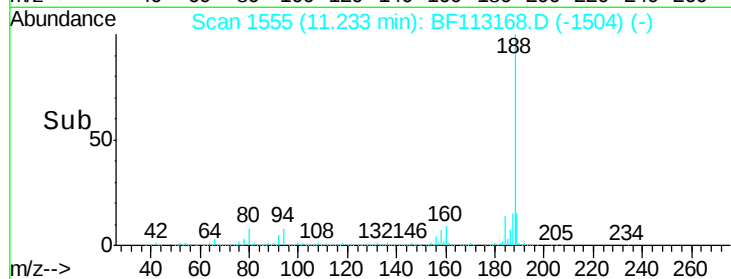
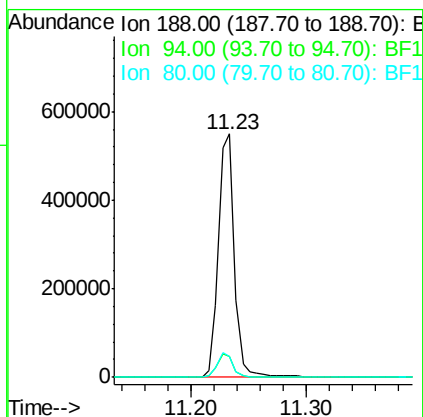
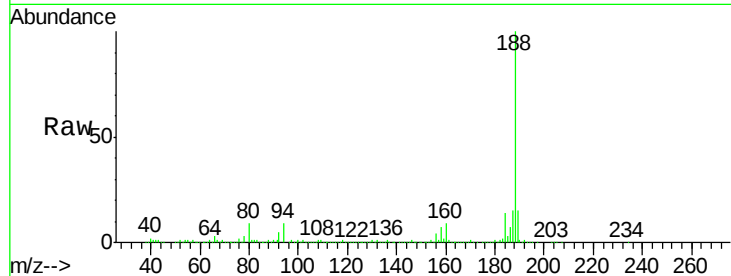




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF113168.D
Acq: 20 Mar 2019 13:48

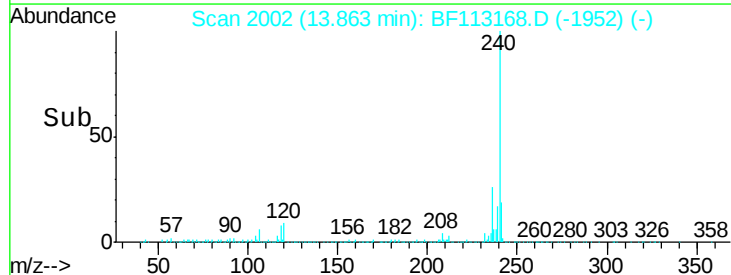
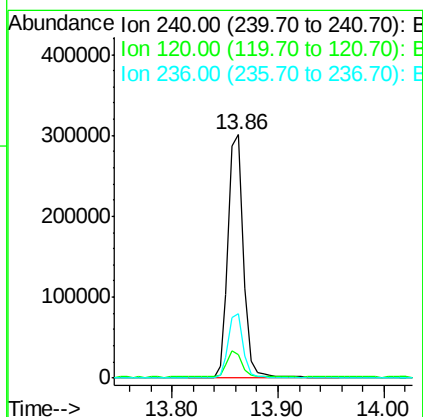
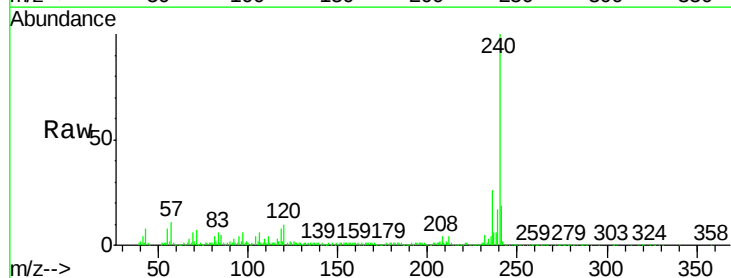
Instrument :
BNA_F
ClientSampleId :
TW-8-031519

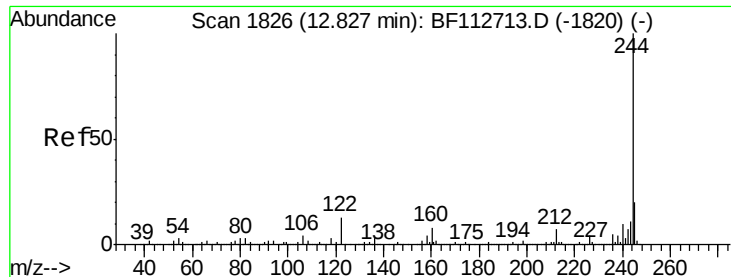
Tgt Ion:188 Resp: 531107
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 8.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113168.D
Acq: 20 Mar 2019 13:48

Tgt Ion:240 Resp: 306303
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 26.4 21.2 31.8





#79

Terphenyl-d14

Concen: 97.402 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF113168.D

Acq: 20 Mar 2019 13:48

Instrument :

BNA_F

ClientSampleId :

TW-8-031519

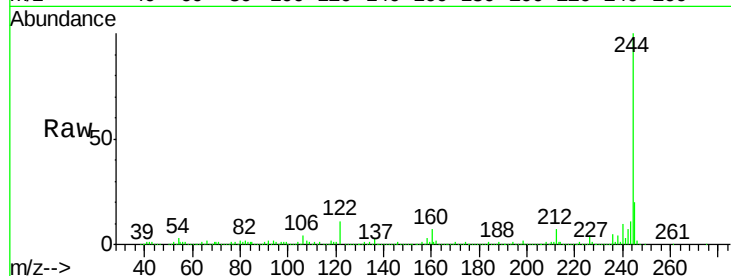
Tgt Ion:244 Resp: 1539052

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.5 9.4 14.2



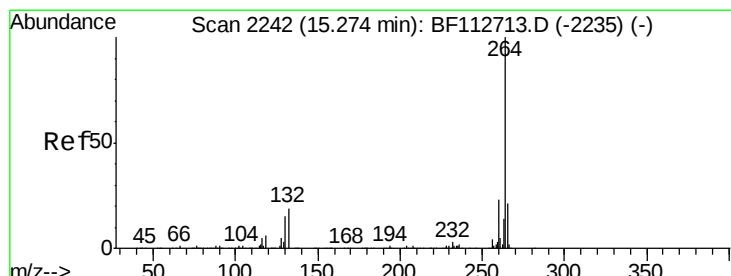
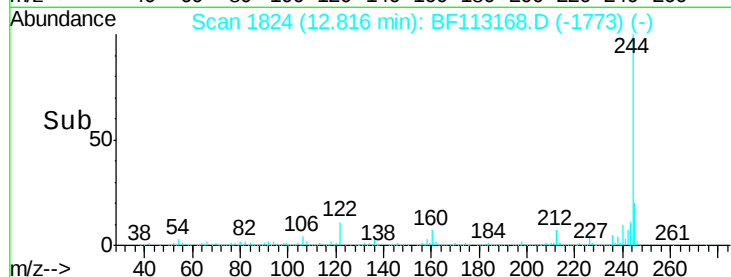
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.82

Time--> 12.70 12.80 12.90



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BF113168.D

Acq: 20 Mar 2019 13:48

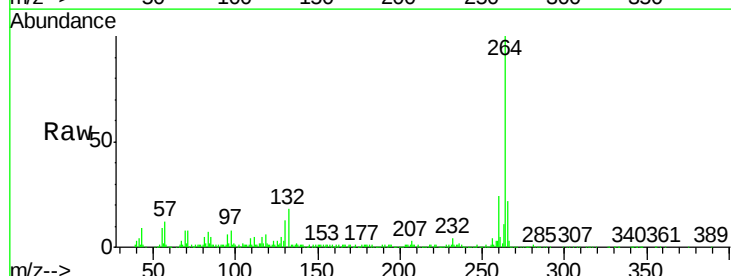
Tgt Ion:264 Resp: 313198

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.0 17.7 26.5



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

15.27

Time--> 15.20 15.25 15.30 15.35

