

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113169.D
 Acq On : 20 Mar 2019 14:16
 Operator : JU/SJ
 Sample : K1972-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-9-031519

Quant Time: Mar 21 13:45:14 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	128537	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	564596	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	231110	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	463886	20.00	ng	0.00
76) Chrysene-d12	13.87	240	338304	20.00	ng	0.00
87) Perylene-d12	15.28	264	358273	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	550468	66.62	ng	0.00
7) Phenol-d6	6.36	99	458810	44.20	ng	-0.01
23) Nitrobenzene-d5	7.29	82	886973	94.00	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	394712	160.88	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1421176	110.52	ng	0.00
79) Terphenyl-d14	12.82	244	1364379	78.18	ng	0.00

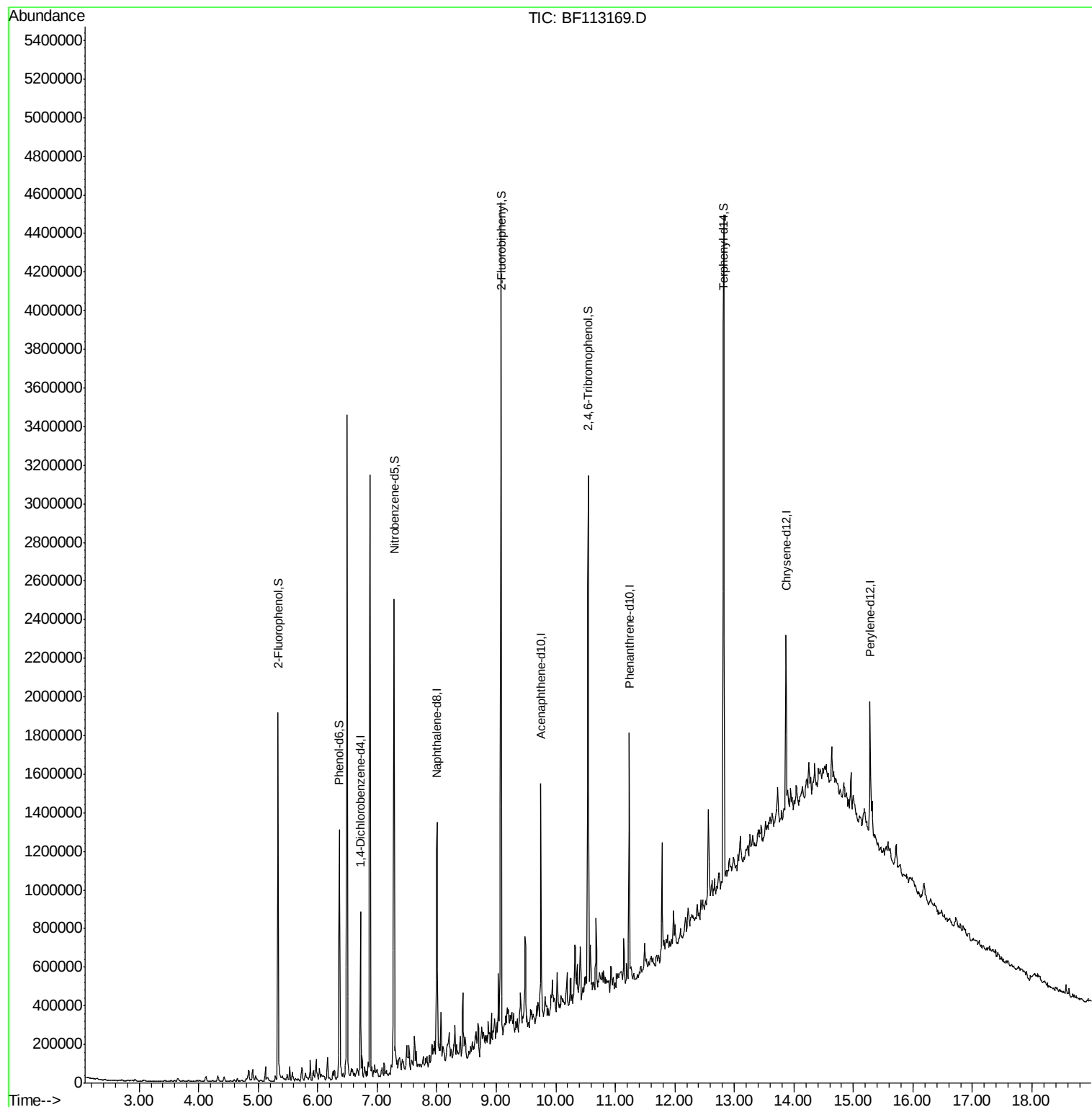
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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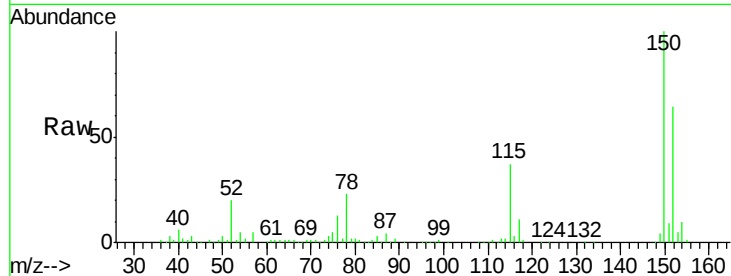




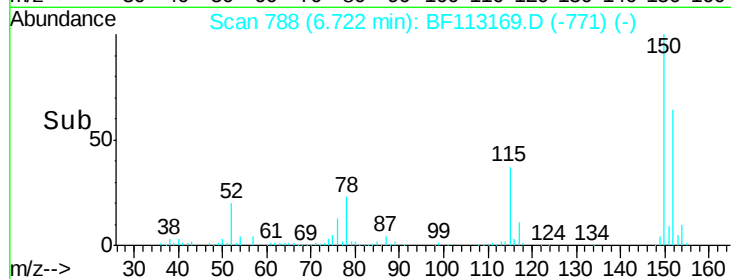
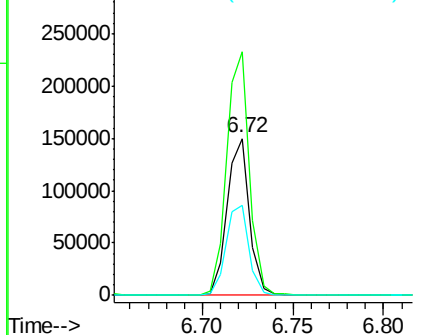
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF113169.D
 Acq: 20 Mar 2019 14:16

Instrument :
 BNA_F
 ClientSampleId :
 TW-9-031519

Tgt Ion:152 Resp: 128537
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.0 184.6
 115 57.1 45.9 68.9

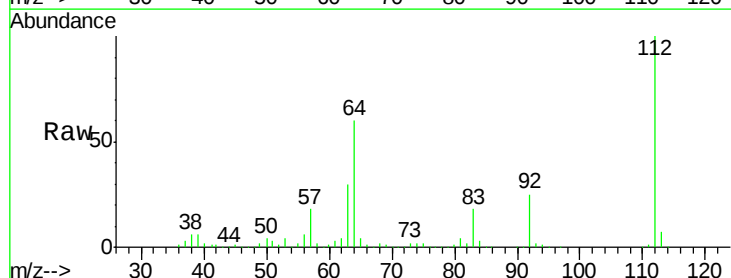


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

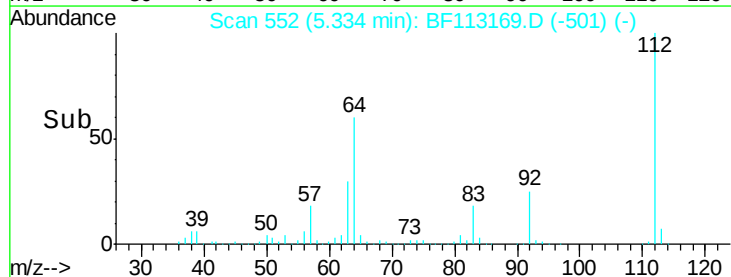
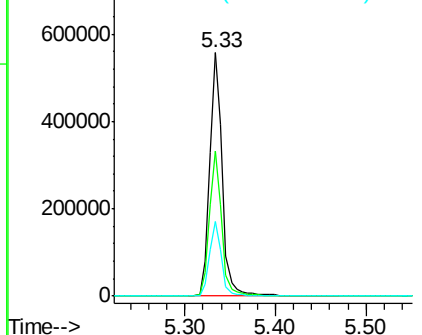


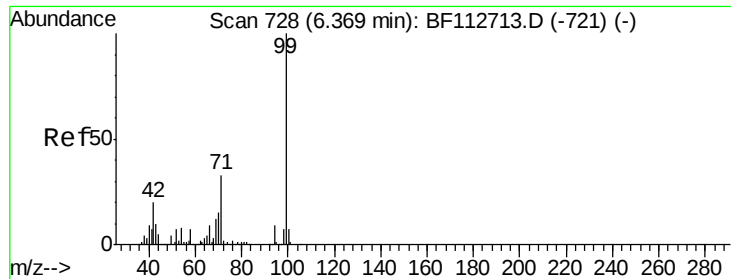
#5
 2-Fluorophenol
 Concen: 66.617 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.00 min
 Lab File: BF113169.D
 Acq: 20 Mar 2019 14:16

Tgt Ion:112 Resp: 550468
 Ion Ratio Lower Upper
 112 100
 64 59.6 49.3 73.9
 63 30.4 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: 44.202 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113169.D

Acq: 20 Mar 2019 14:16

Instrument :

BNA_F

ClientSampleId :

TW-9-031519

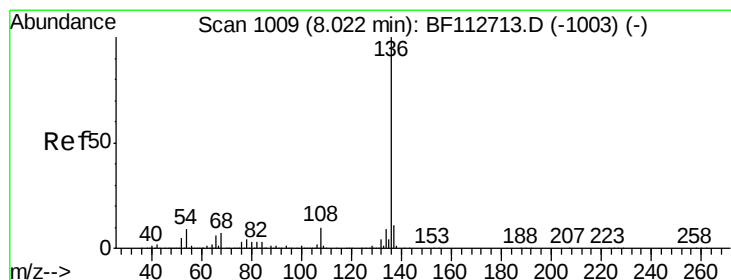
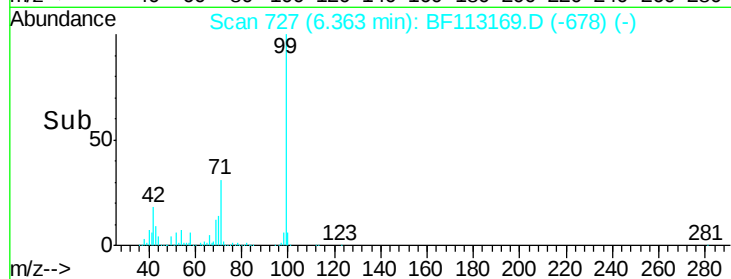
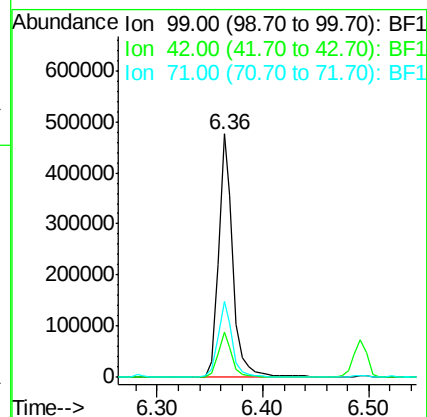
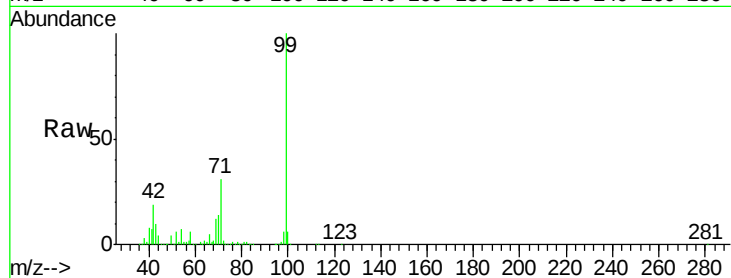
Tgt Ion: 99 Resp: 458810

Ion Ratio Lower Upper

99 100

42 18.5 15.2 22.8

71 31.5 25.7 38.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF113169.D

Acq: 20 Mar 2019 14:16

Tgt Ion: 136 Resp: 564596

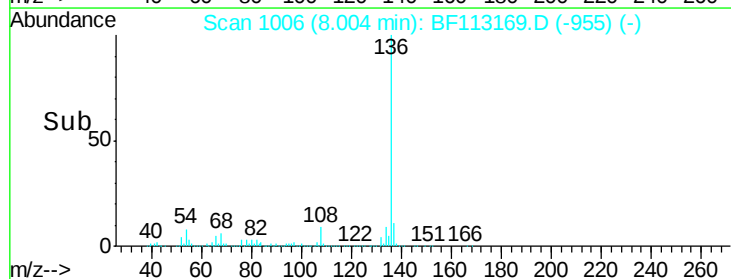
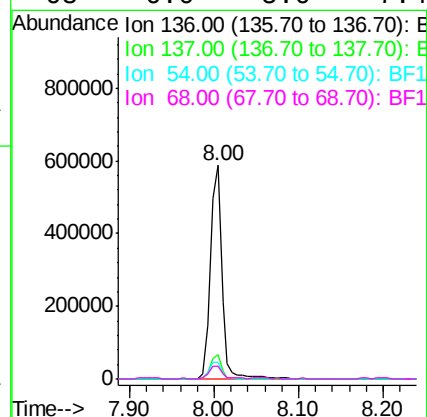
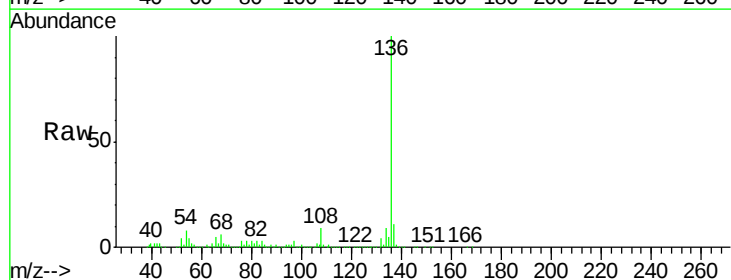
Ion Ratio Lower Upper

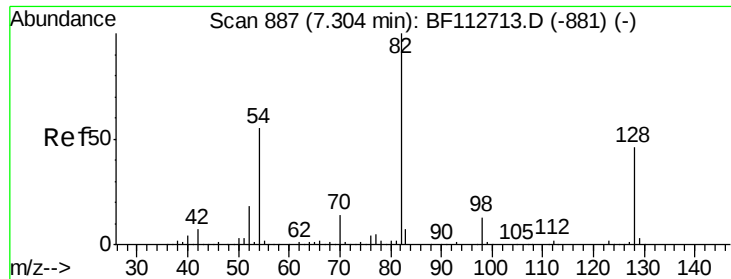
136 100

137 11.1 8.9 13.3

54 7.8 7.0 10.6

68 6.0 5.0 7.4

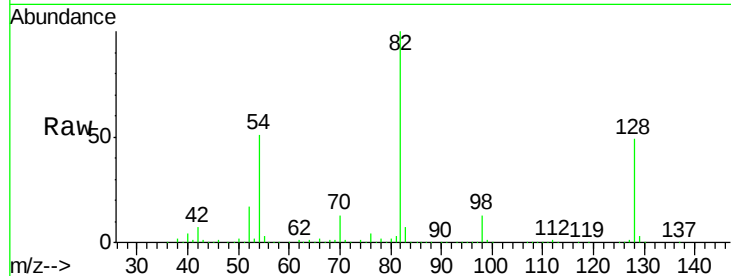




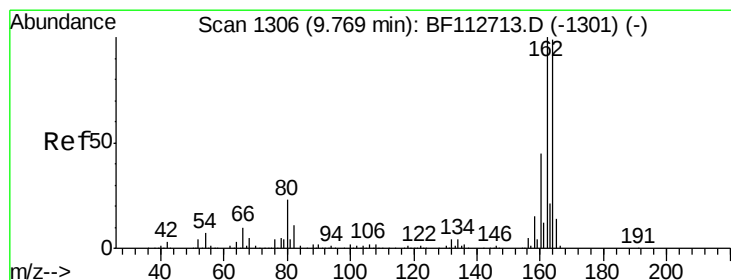
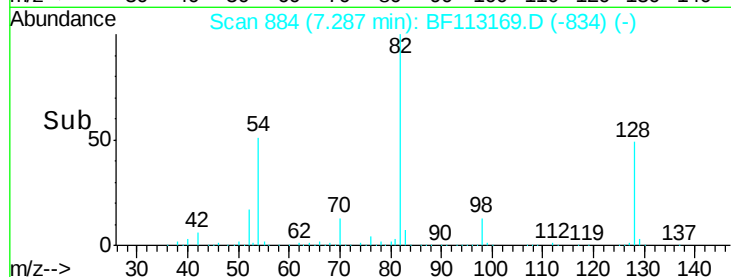
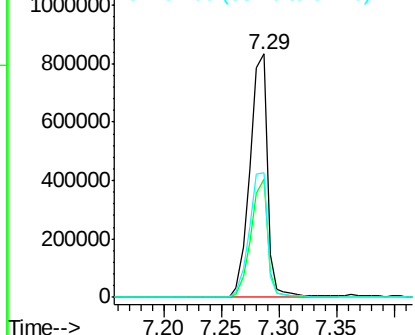
#23
Nitrobenzene-d5
Concen: 94.005 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113169.D
Acq: 20 Mar 2019 14:16

Instrument :
BNA_F
ClientSampleId :
TW-9-031519

Tgt Ion: 82 Resp: 886973
Ion Ratio Lower Upper
82 100
128 48.6 37.9 56.9
54 51.1 41.2 61.8

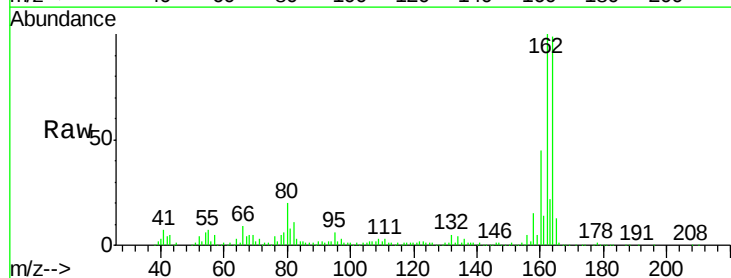


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

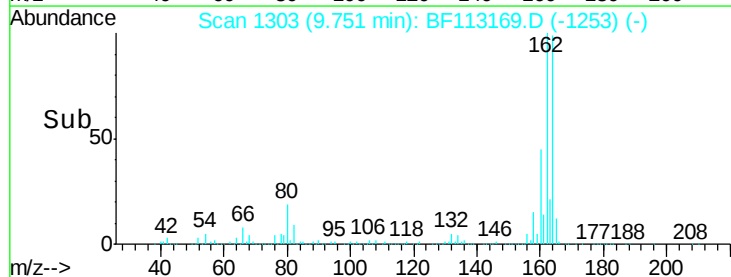
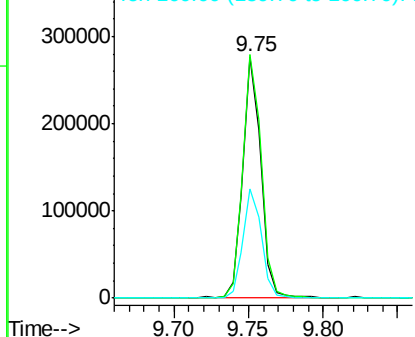


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF113169.D
Acq: 20 Mar 2019 14:16

Tgt Ion: 164 Resp: 231110
Ion Ratio Lower Upper
164 100
162 100.9 80.8 121.2
160 45.5 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

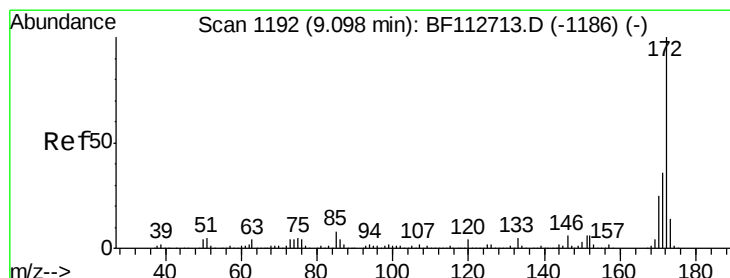
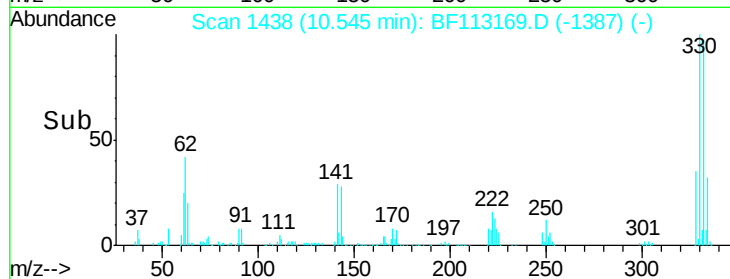
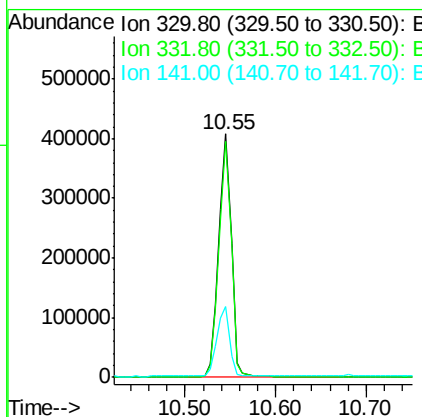
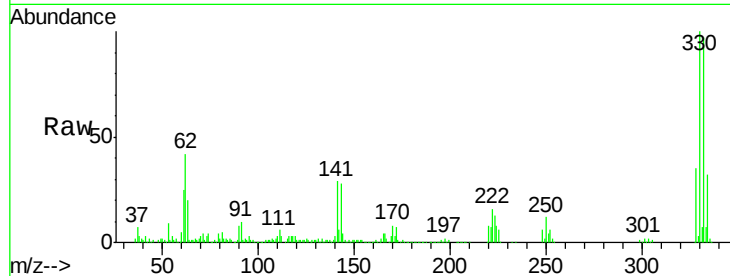




#42
 2,4,6-Tribromophenol
 Concen: 160.876 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF113169.D
 Acq: 20 Mar 2019 14:16

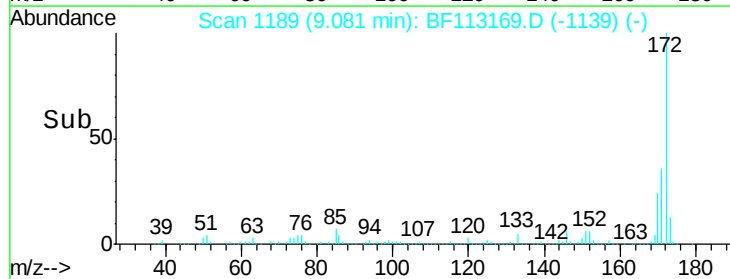
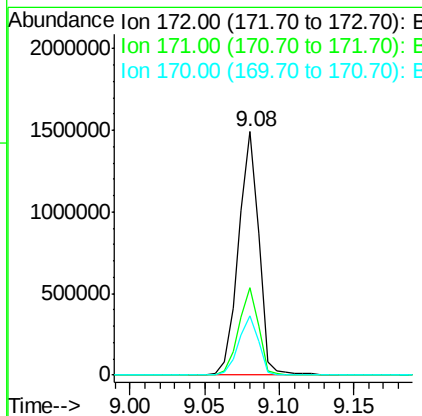
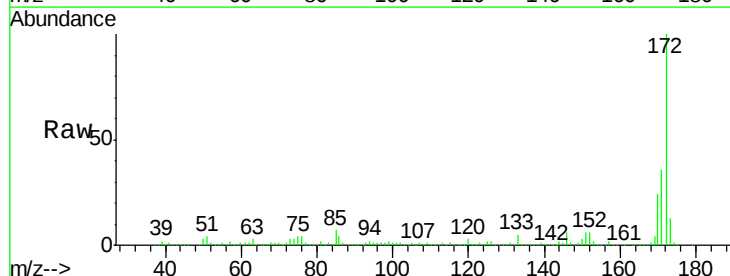
Instrument :
 BNA_F
 ClientSampleId :
 TW-9-031519

Tgt Ion:330 Resp: 394712
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.3 114.5
 141 28.9 22.3 33.5



#45
 2-Fluorobiphenyl
 Concen: 110.516 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113169.D
 Acq: 20 Mar 2019 14:16

Tgt Ion:172 Resp: 1421176
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.5 20.1 30.1

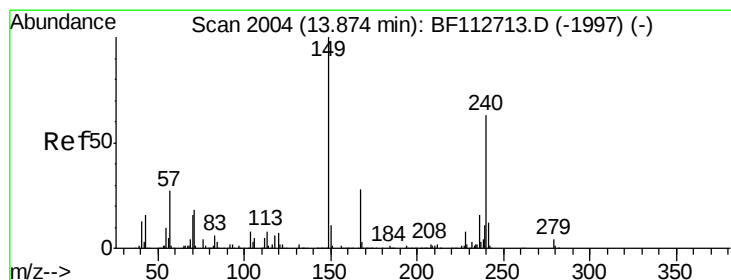
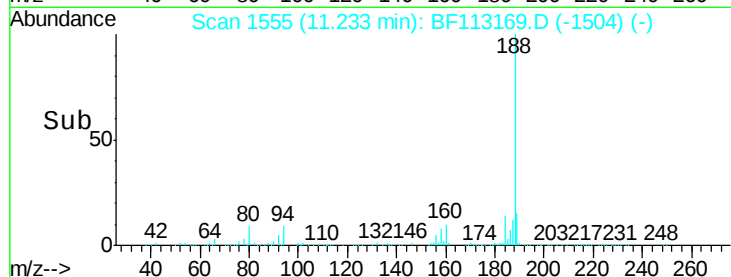
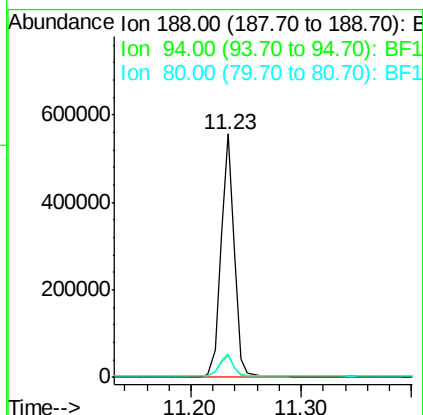
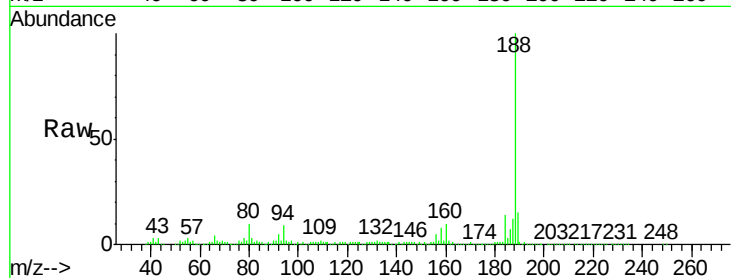




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF113169.D
Acq: 20 Mar 2019 14:16

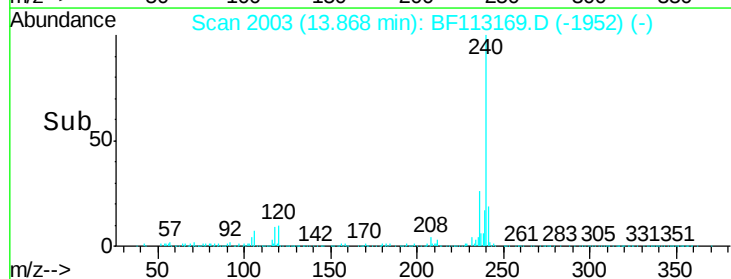
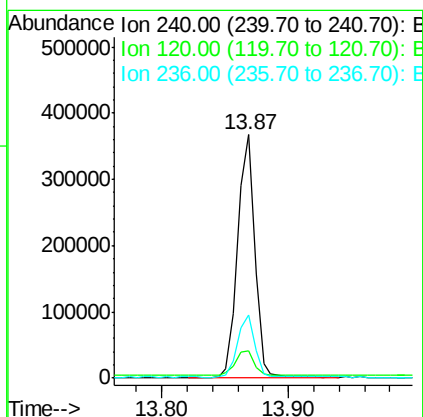
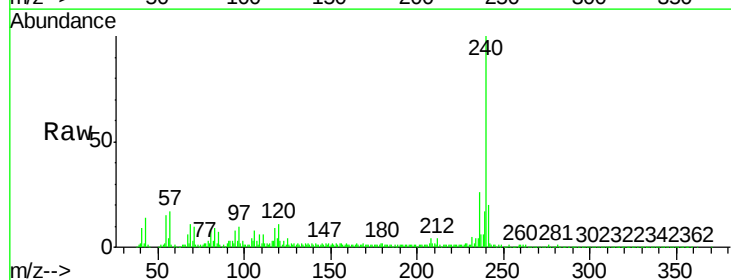
Instrument :
BNA_F
ClientSampleId :
TW-9-031519

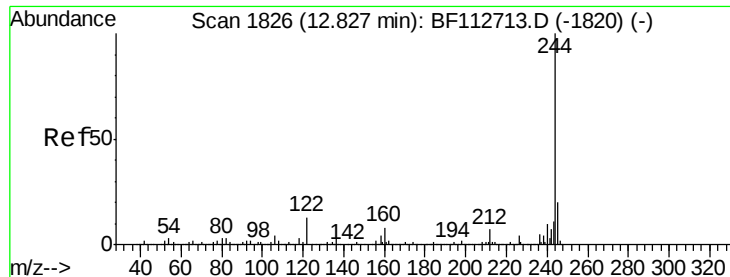
Tgt Ion:188 Resp: 463886
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113169.D
Acq: 20 Mar 2019 14:16

Tgt Ion:240 Resp: 338304
Ion Ratio Lower Upper
240 100
120 11.0 8.6 12.8
236 26.0 21.2 31.8

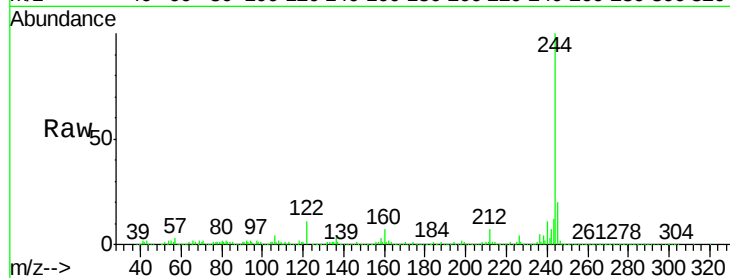




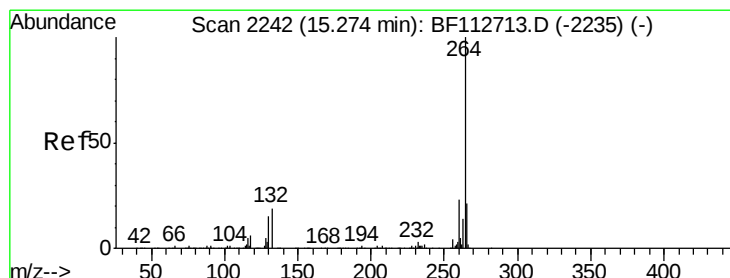
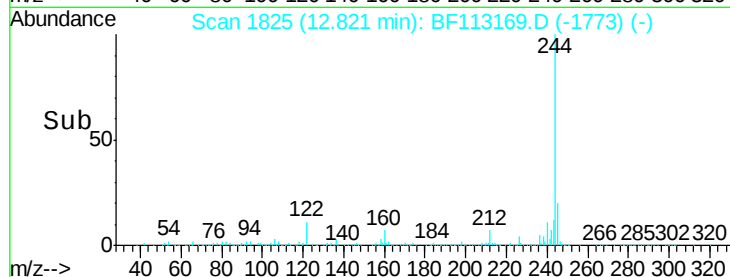
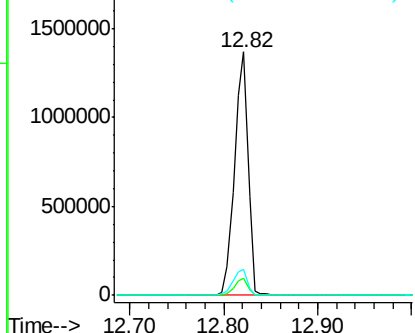
#79
 Terphenyl-d14
 Concen: 78.180 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BF113169.D
 Acq: 20 Mar 2019 14:16

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1364379
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.8 9.4 14.2

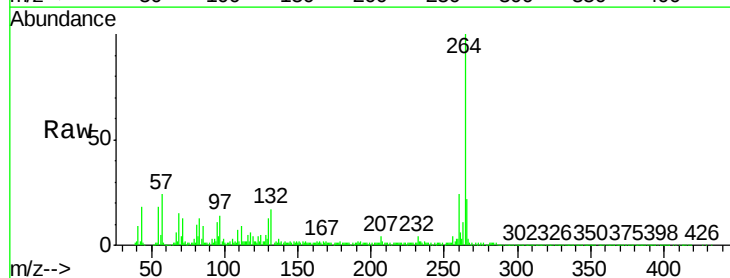


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113169.D
 Acq: 20 Mar 2019 14:16

Tgt Ion:264 Resp: 358273
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.9 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

