

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113196.D
 Acq On : 21 Mar 2019 4:22
 Operator : JU/SJ
 Sample : K1943-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190132-LOC-9

Quant Time: Mar 21 16:25:18 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	135622	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	469750	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	233273	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	442555	20.00	ng	0.00
76) Chrysene-d12	13.86	240	386282	20.00	ng	0.00
87) Perylene-d12	15.27	264	293974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	890537	102.14	ng	0.02
7) Phenol-d6	6.37	99	1057205	96.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	753275	95.95	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	338632	136.74	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1381659	104.33	ng	0.00
79) Terphenyl-d14	12.82	244	1476920	74.12	ng	0.00

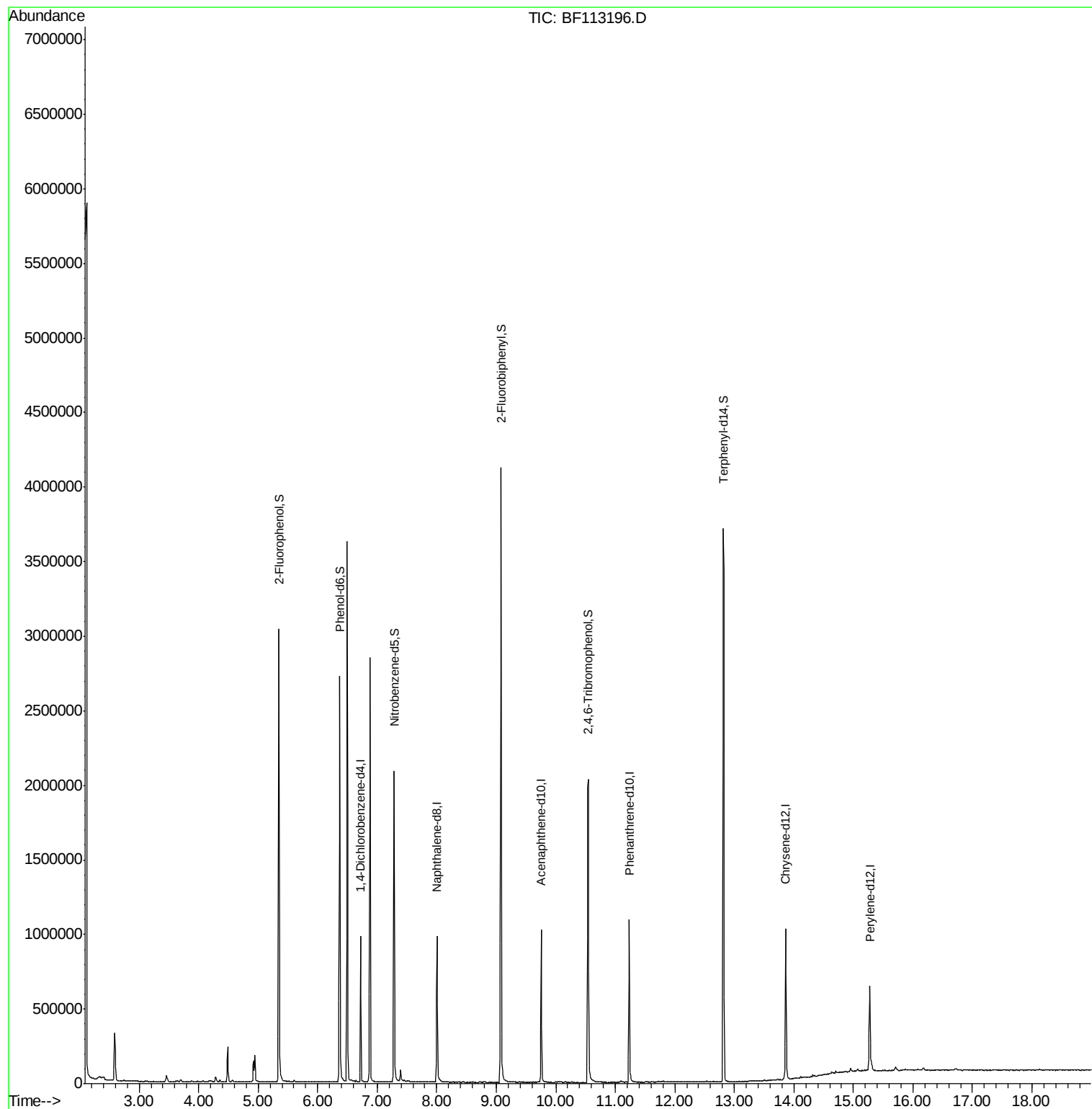
Target Compounds	Qvalue
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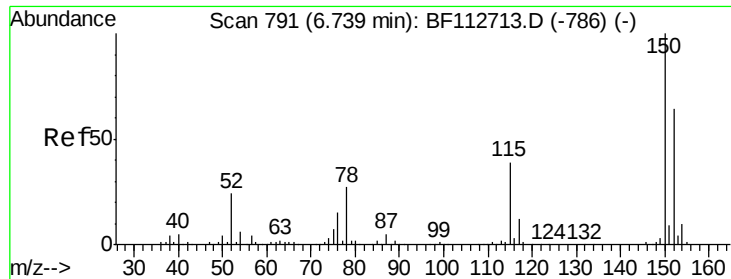
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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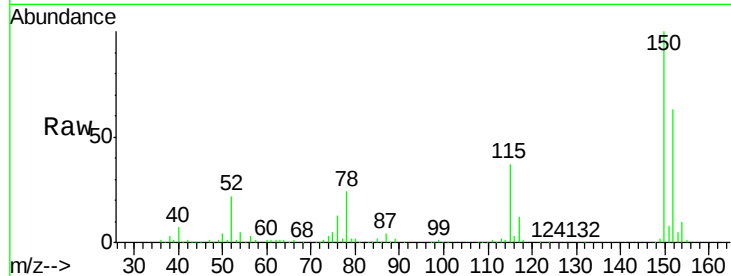




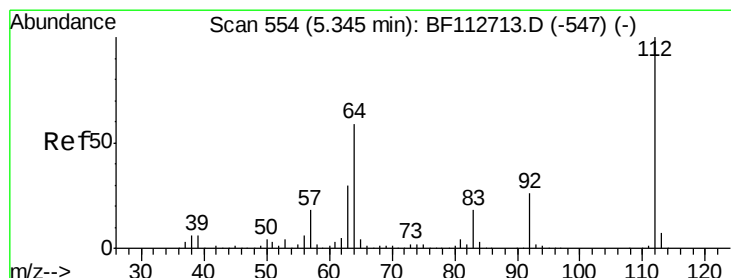
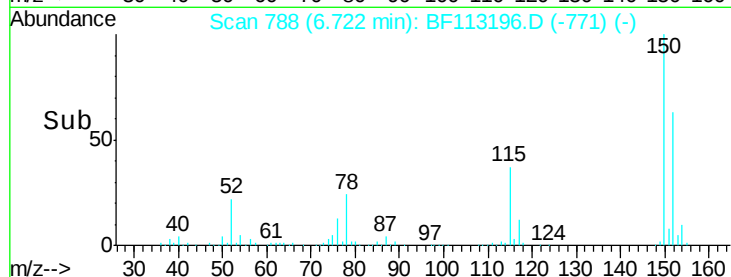
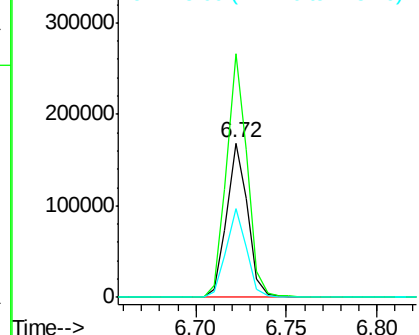
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF113196.D
 Acq: 21 Mar 2019 4:22

Instrument :
 BNA_F
 ClientSampleId :
 20190132-LOC-9

Tgt Ion:152 Resp: 135622
 Ion Ratio Lower Upper
 152 100
 150 157.8 123.0 184.6
 115 57.7 45.9 68.9

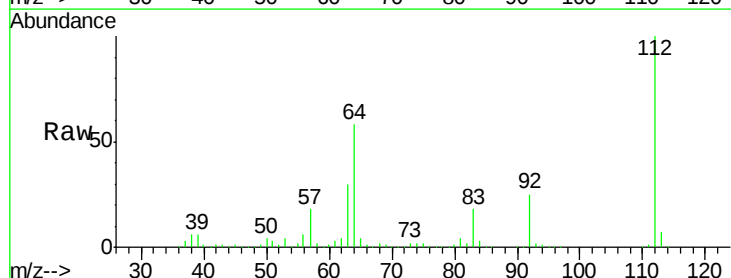


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

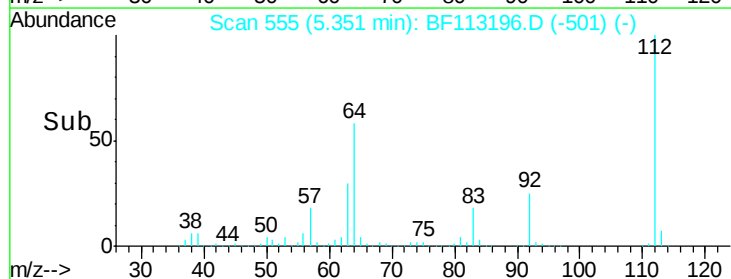
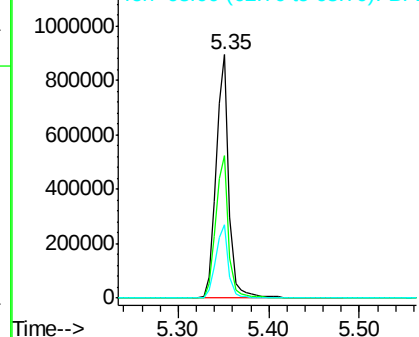


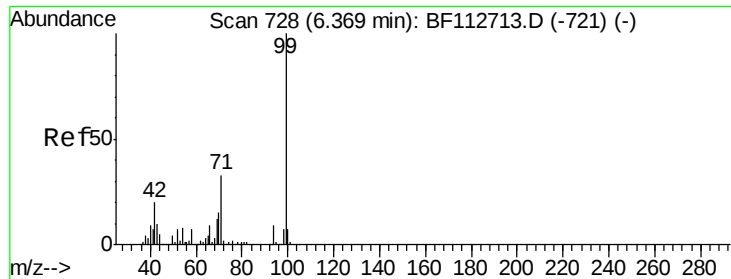
#5
 2-Fluorophenol
 Concen: 102.142 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.02 min
 Lab File: BF113196.D
 Acq: 21 Mar 2019 4:22

Tgt Ion:112 Resp: 890537
 Ion Ratio Lower Upper
 112 100
 64 58.3 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: 96.531 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113196.D

Acq: 21 Mar 2019 4:22

Instrument :

BNA_F

ClientSampleId :

20190132-LOC-9

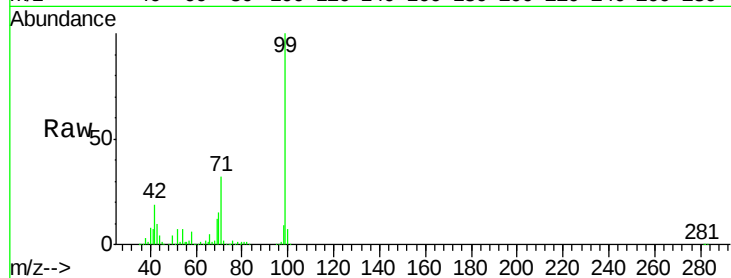
Tgt Ion: 99 Resp: 1057205

Ion Ratio Lower Upper

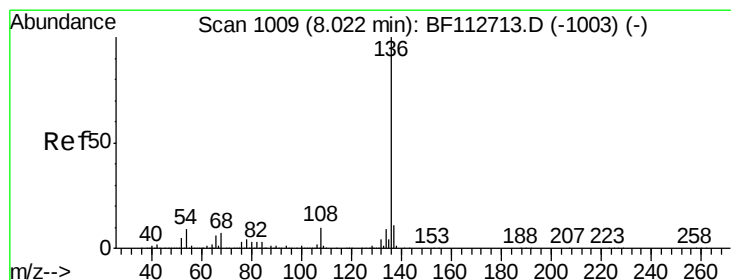
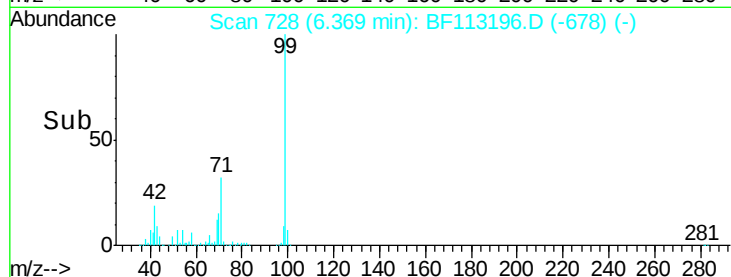
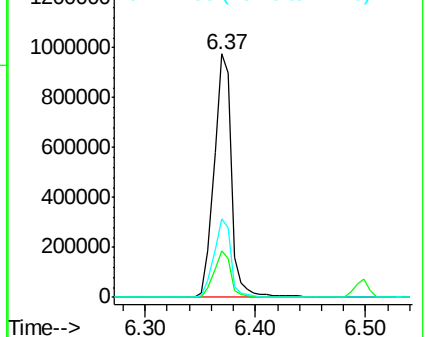
99 100

42 19.1 15.2 22.8

71 32.4 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: BF113196.D

Acq: 21 Mar 2019 4:22

Tgt Ion: 136 Resp: 469750

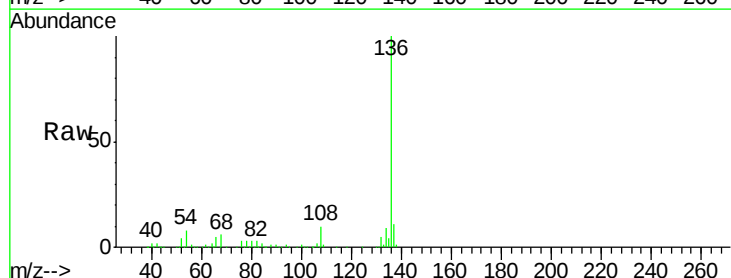
Ion Ratio Lower Upper

136 100

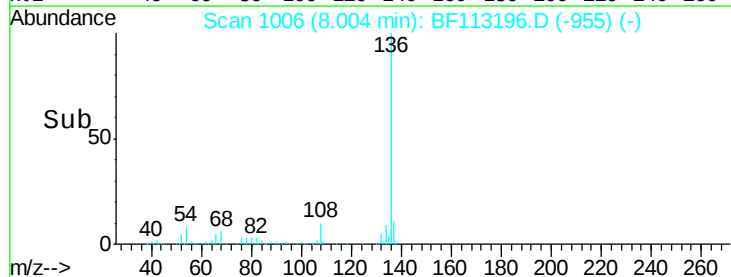
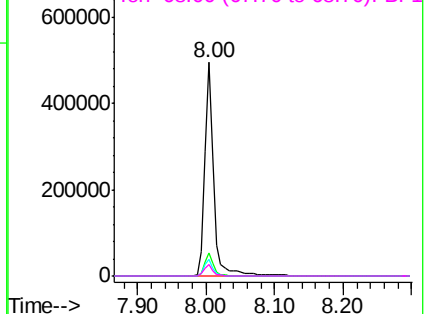
137 11.0 8.9 13.3

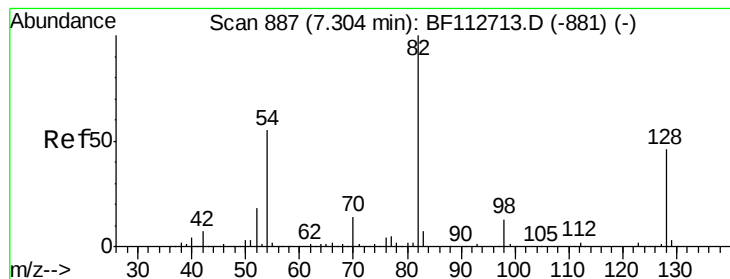
54 7.9 7.0 10.6

68 5.7 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: 95.954 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF113196.D

Acq: 21 Mar 2019 4:22

Instrument :

BNA_F

ClientSampleId :

20190132-LOC-9

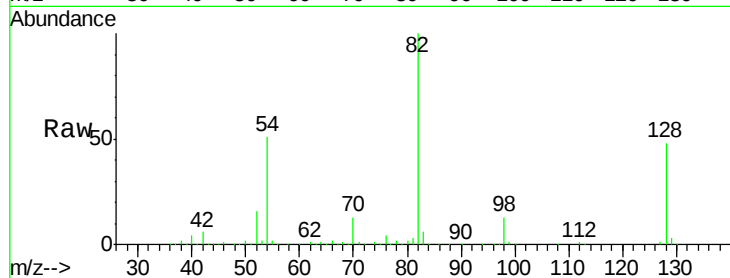
Tgt Ion: 82 Resp: 753275

Ion Ratio Lower Upper

82 100

128 47.9 37.9 56.9

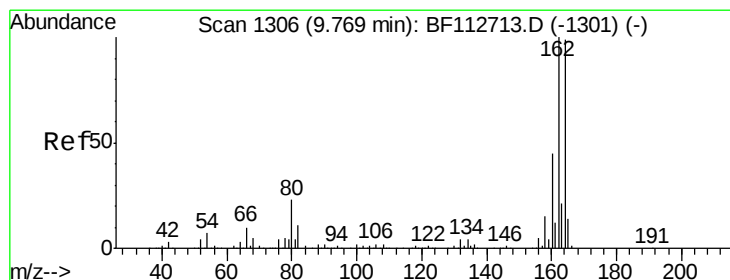
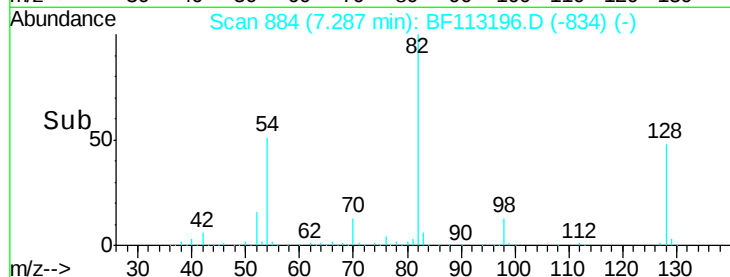
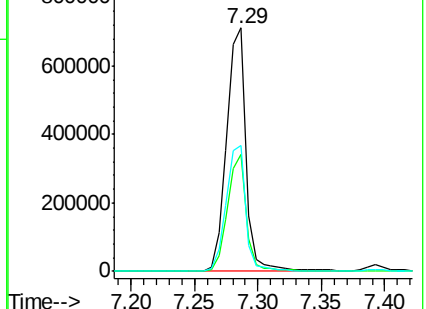
54 51.5 41.2 61.8



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: BF113196.D

Acq: 21 Mar 2019 4:22

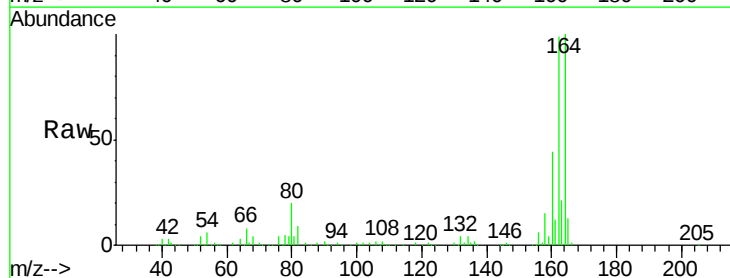
Tgt Ion: 164 Resp: 233273

Ion Ratio Lower Upper

164 100

162 98.9 80.8 121.2

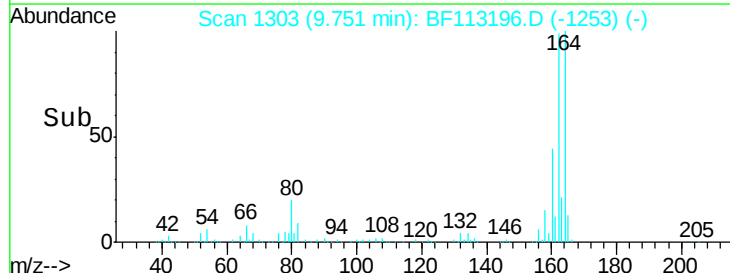
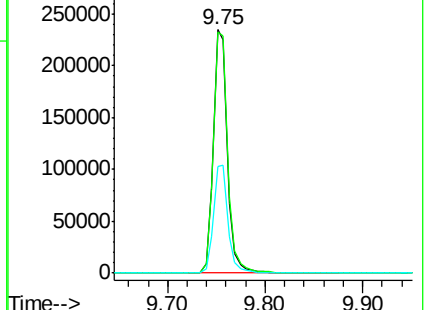
160 43.8 36.2 54.2

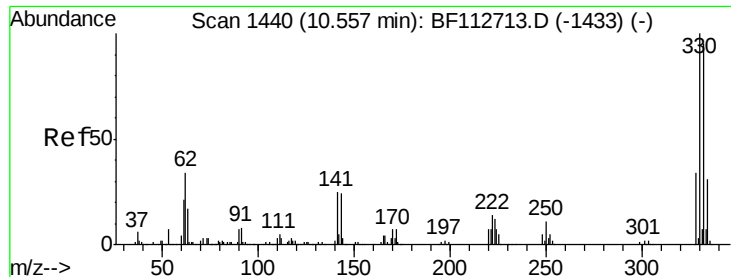


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

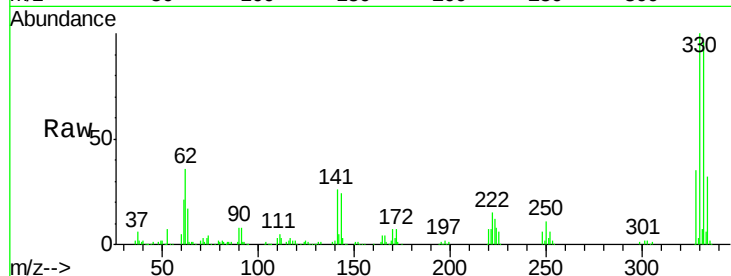




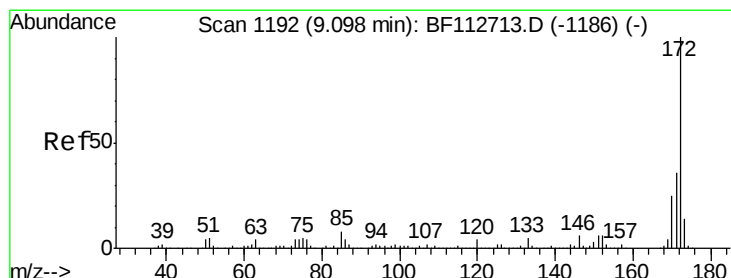
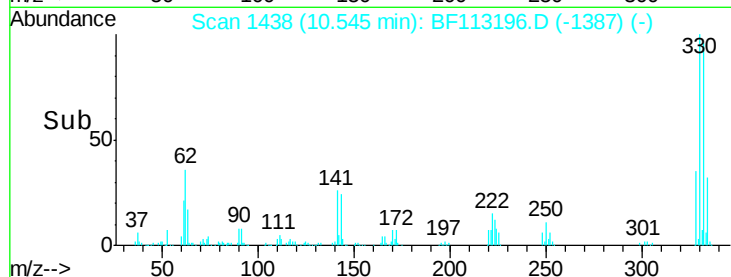
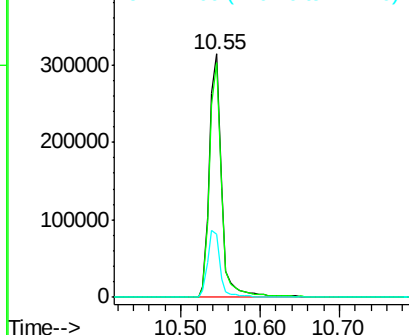
#42
 2,4,6-Tribromophenol
 Concen: 136.739 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF113196.D
 Acq: 21 Mar 2019 4:22

Instrument :
 BNA_F
 ClientSampleId :
 20190132-LOC-9

Tgt Ion:330 Resp: 338632
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.3 114.5
 141 29.0 22.3 33.5

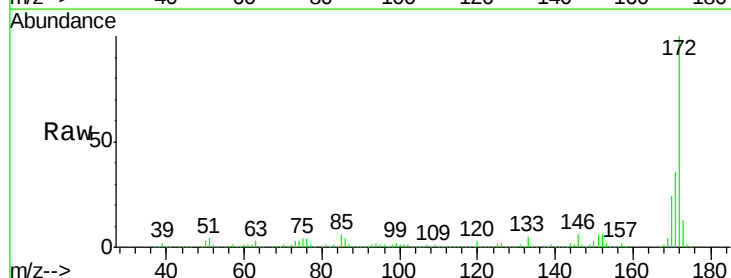


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

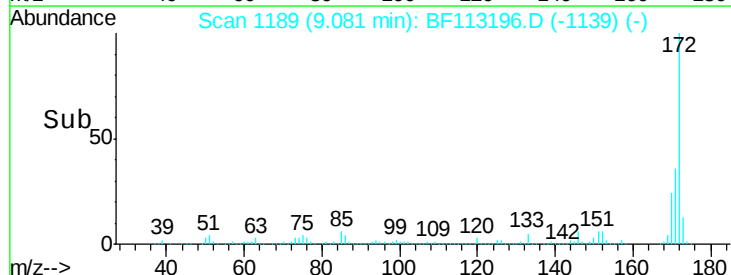
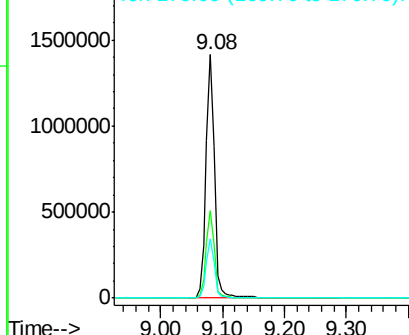


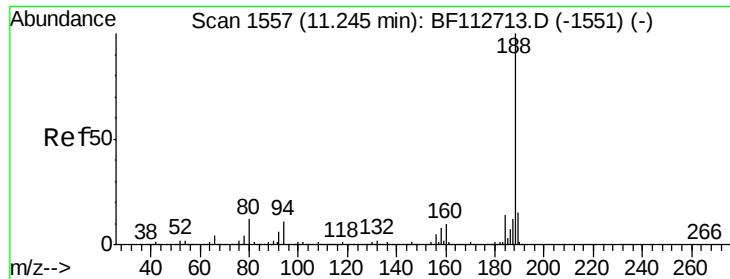
#45
 2-Fluorobiphenyl
 Concen: 104.330 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113196.D
 Acq: 21 Mar 2019 4:22

Tgt Ion:172 Resp: 1381659
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.4
 170 24.2 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

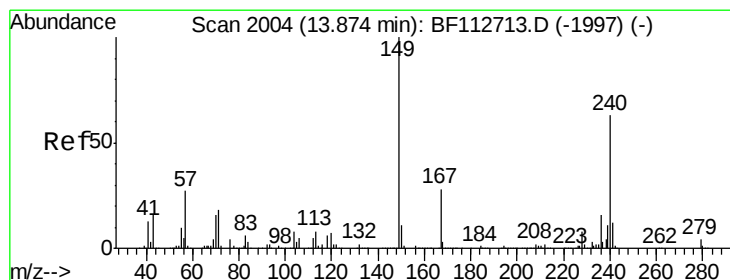
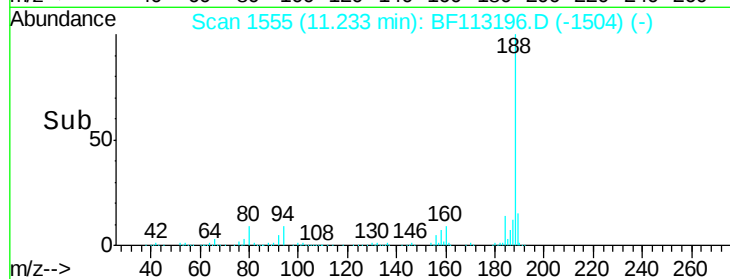
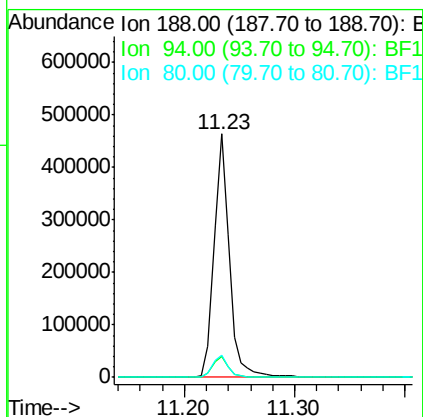
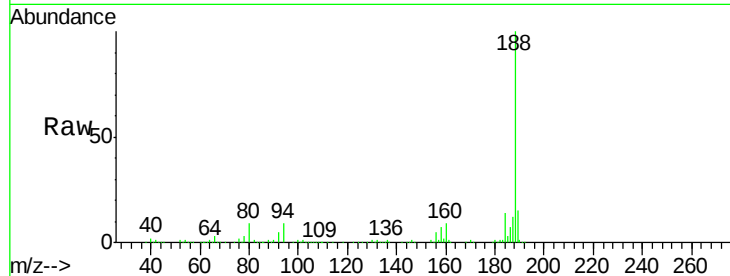




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF113196.D
Acq: 21 Mar 2019 4:22

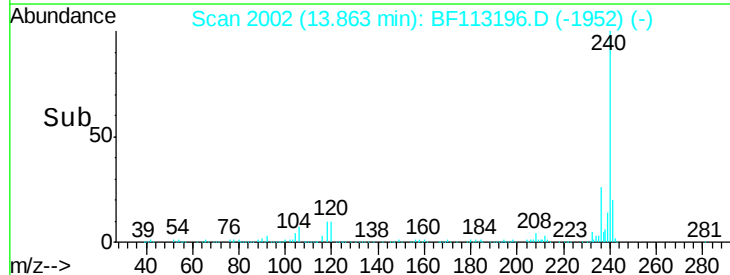
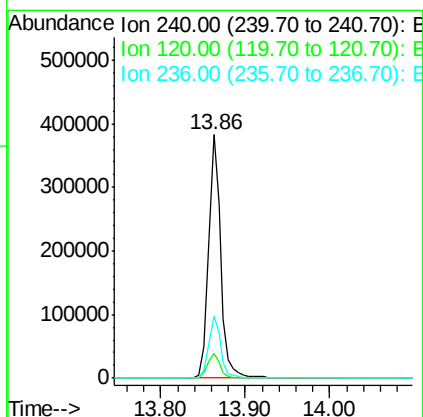
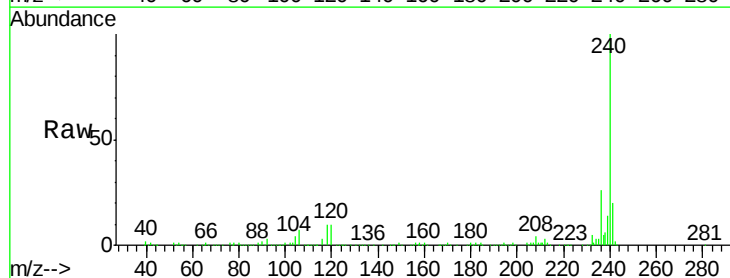
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20190132-LOC-9

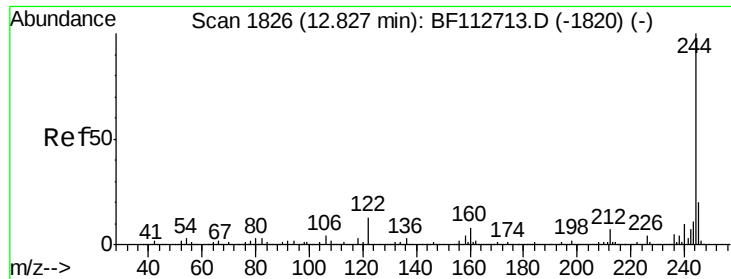
Tgt Ion:188 Resp: 442555
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113196.D
Acq: 21 Mar 2019 4:22

Tgt Ion:240 Resp: 386282
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 25.6 21.2 31.8

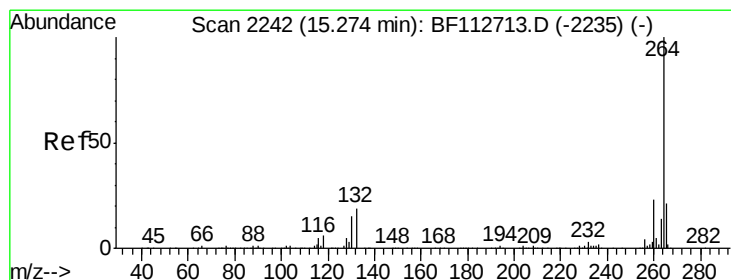
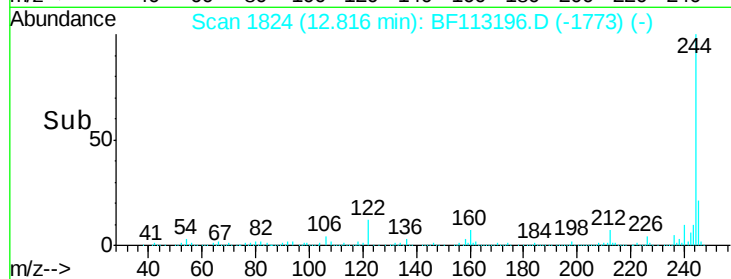
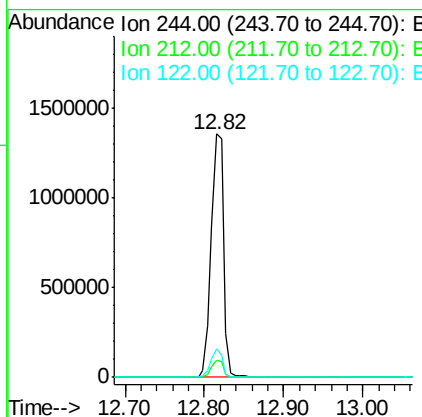
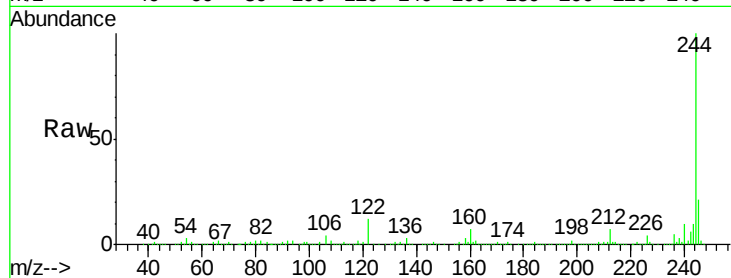




#79
 Terphenyl-d14
 Concen: 74.117 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF113196.D
 Acq: 21 Mar 2019 4:22

Instrument :
 BNA_F
 ClientSampleId :
 20190132-LOC-9

Tgt Ion:244 Resp: 1476920
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.7 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: BF113196.D
 Acq: 21 Mar 2019 4:22

Tgt Ion:264 Resp: 293974
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.4 17.7 26.5

