

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116198.D
 Acq On : 12 Aug 2019 19:37
 Operator : HP/JU
 Sample : K4090-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-080919-B

Quant Time: Aug 13 01:26:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	123444	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	476507	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	261507	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	508814	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	436273	20.00	ng	-0.01
87) Perylene-d12	15.47	264	414068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	904537	122.67	ng	0.00
7) Phenol-d6	6.47	99	1069083	114.91	ng	-0.01
23) Nitrobenzene-d5	7.40	82	840752	101.85	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	412028	162.51	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1467229	105.09	ng	-0.02
79) Terphenyl-d14	12.94	244	1958861	94.61	ng	0.00

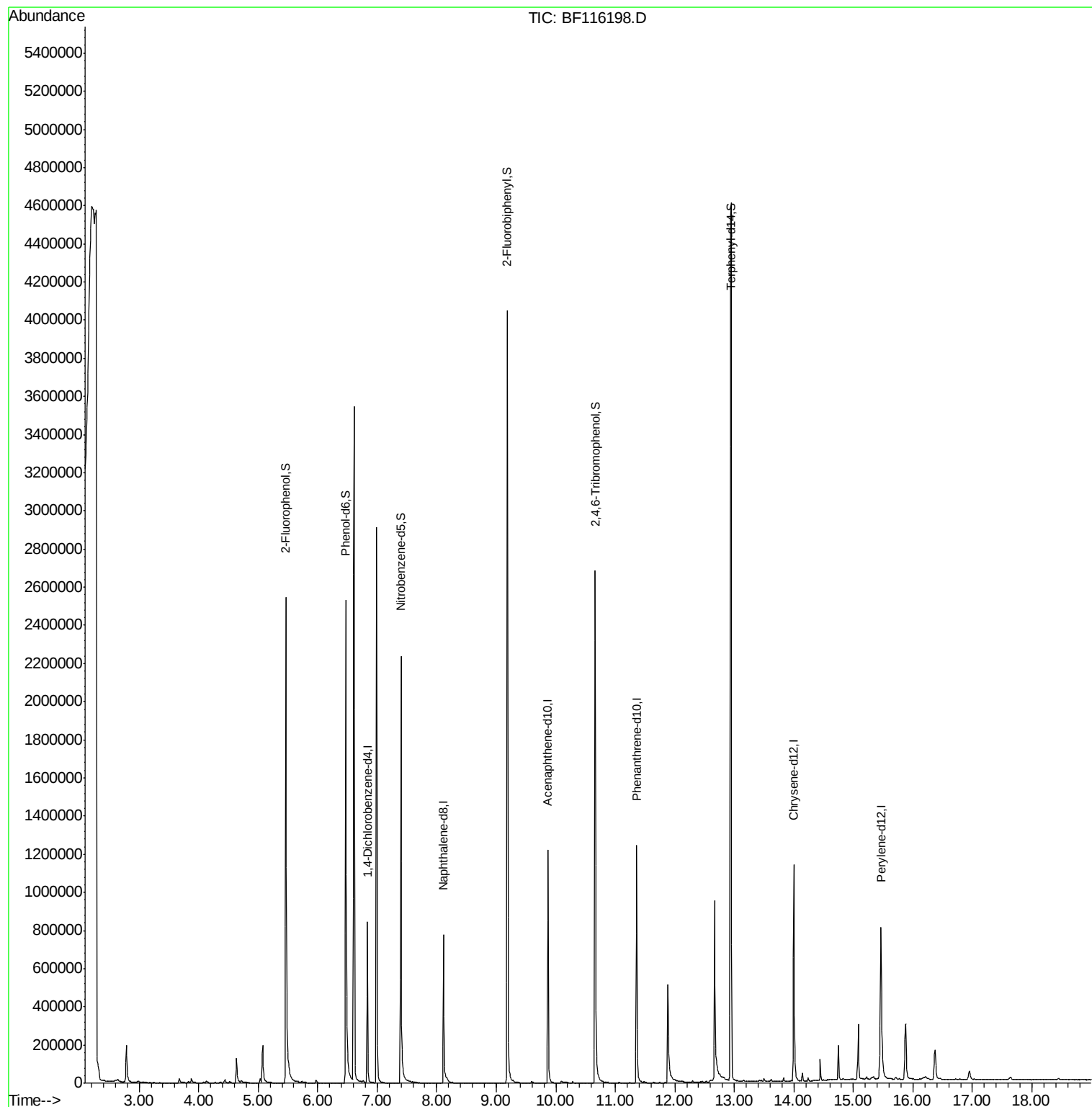
Target Compounds Qvalue

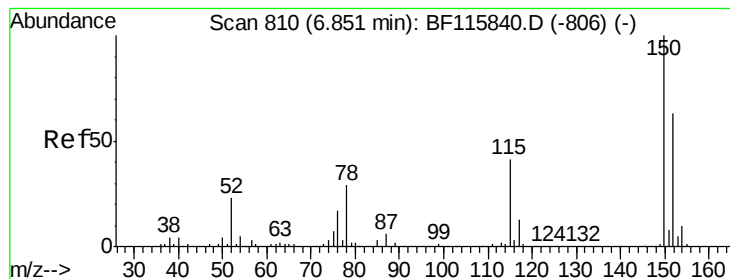
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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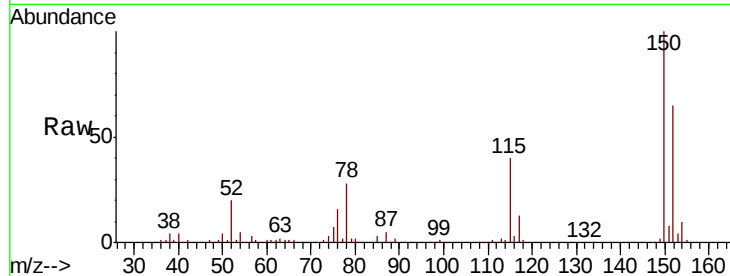


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116198.D
Acq: 12 Aug 2019 19:37

Instrument :
BNA_F
ClientSampleId :
OR-03-080919-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.2	189.2
115	61.6	49.9	74.9

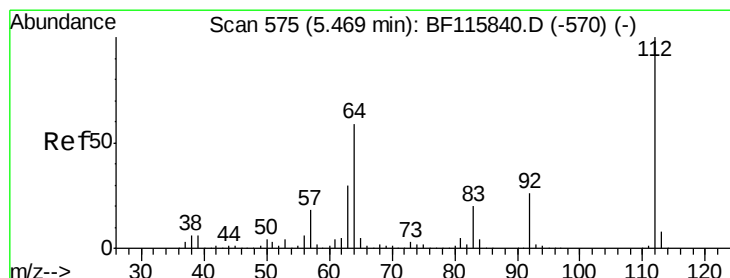
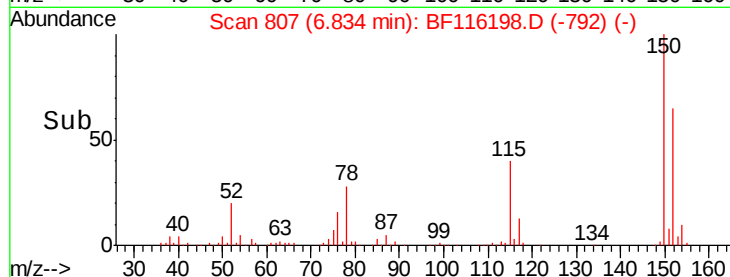
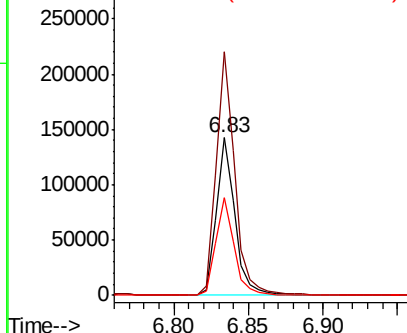


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

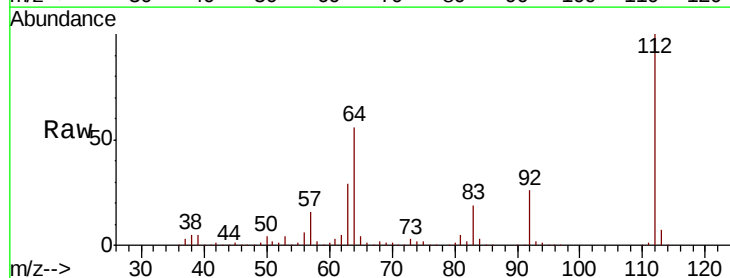
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.667 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116198.D
Acq: 12 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.4	68.2
63	29.0	23.7	35.5

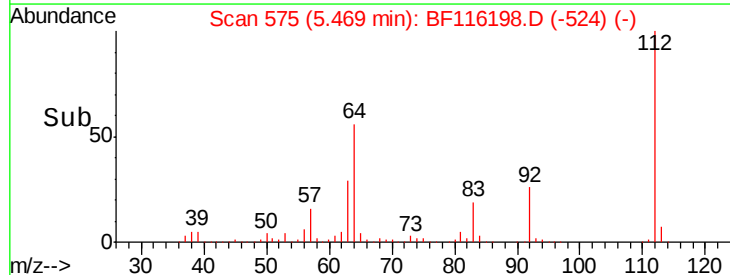
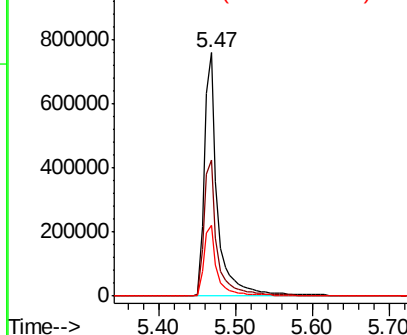


Abundance

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: 114.912 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116198.D

Acq: 12 Aug 2019 19:37

Instrument :

BNA_F

ClientSampleId :

OR-03-080919-B

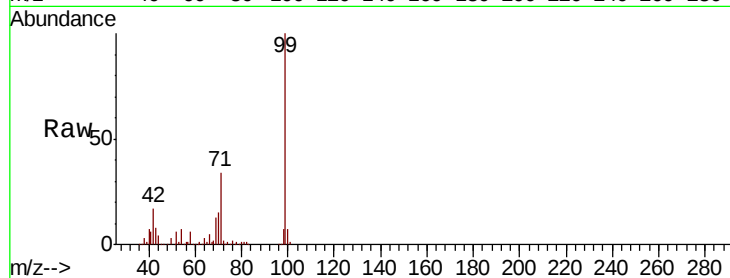
Tot Ion: 99 Resp: 1069083

Ion Ratio Lower Upper

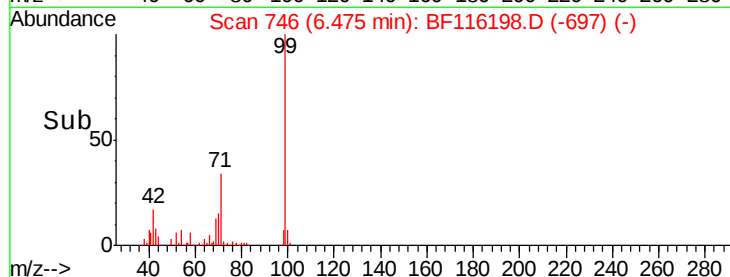
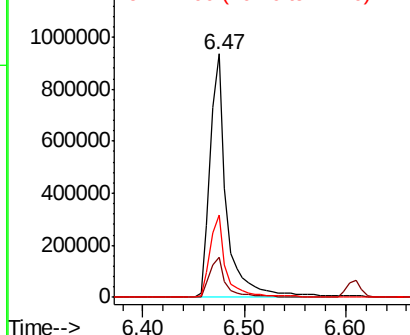
99 100

42 16.6 13.8 20.8

71 33.8 27.3 40.9



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116198.D

Acq: 12 Aug 2019 19:37

Tgt Ion: 136 Resp: 476507

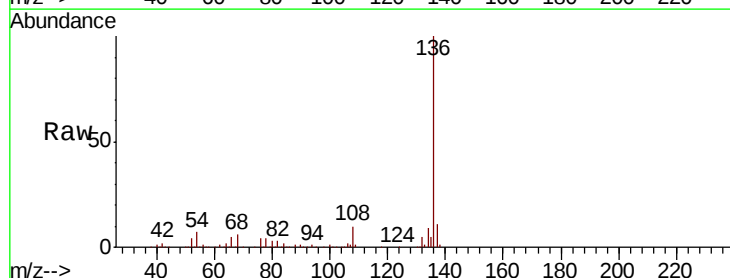
Ion Ratio Lower Upper

136 100

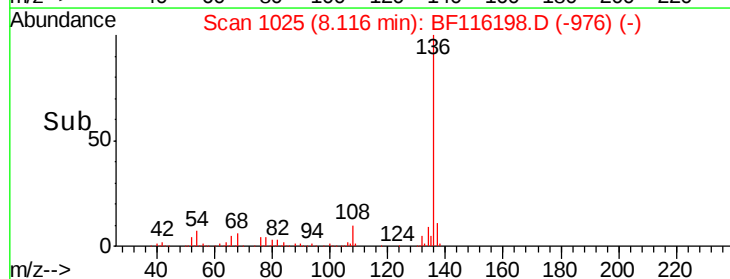
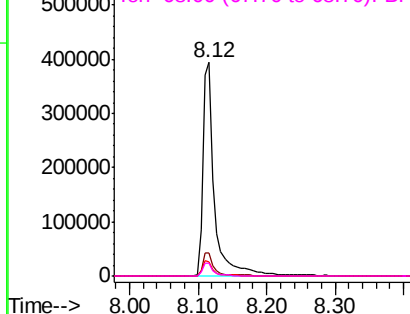
137 11.0 9.0 13.4

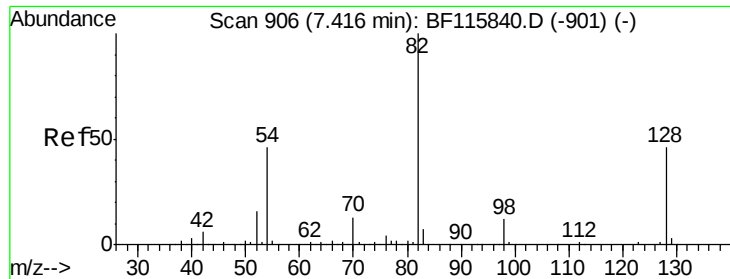
54 6.6 5.8 8.6

68 6.0 5.2 7.8



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

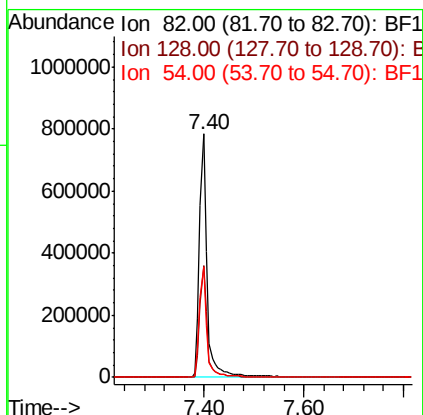
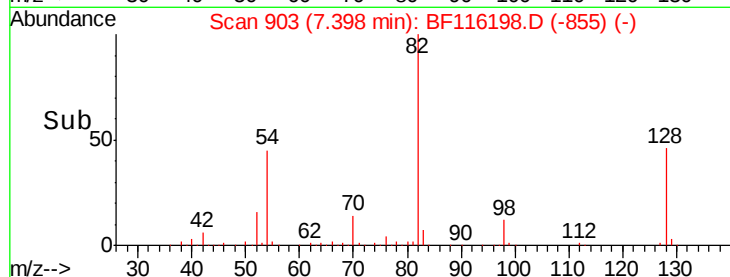
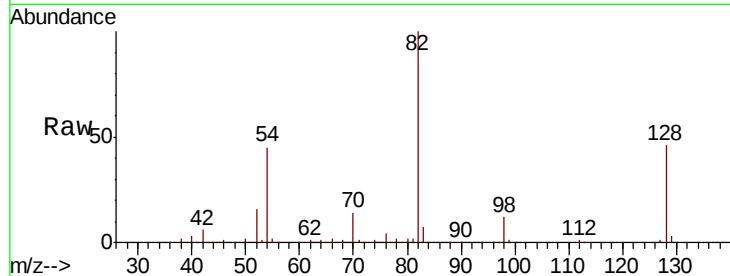




#23
 Nitrobenzene-d5
 Concen: 101.847 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116198.D
 Acq: 12 Aug 2019 19:37

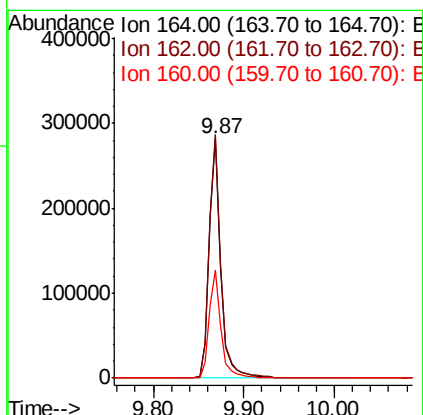
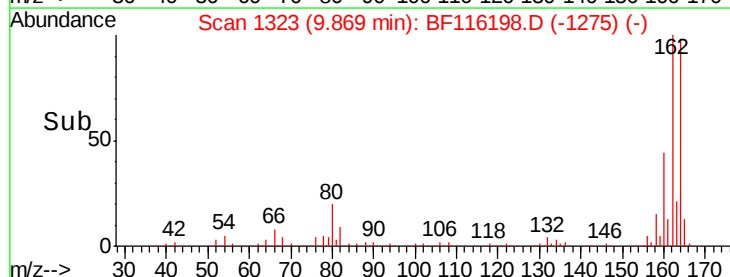
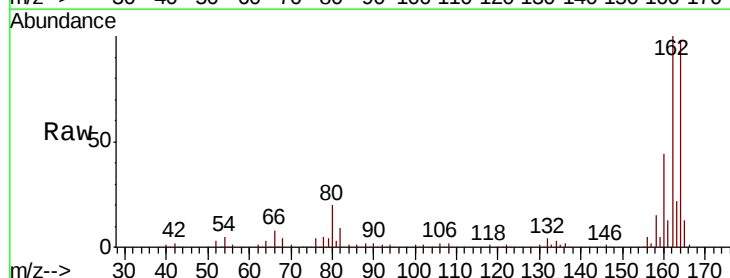
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-080919-B

Tot Ion: 82 Resp: 840752
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.5 54.7
 54 45.4 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116198.D
 Acq: 12 Aug 2019 19:37

Tgt Ion: 164 Resp: 261507
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 124.0
 160 45.3 37.6 56.4

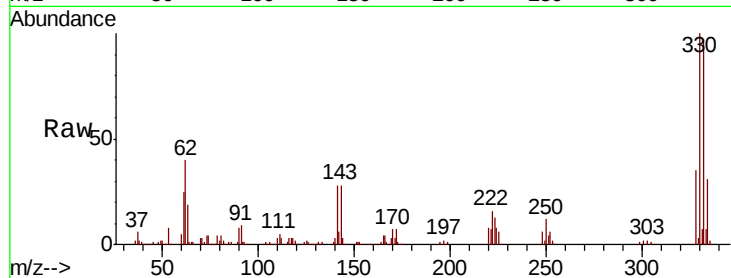




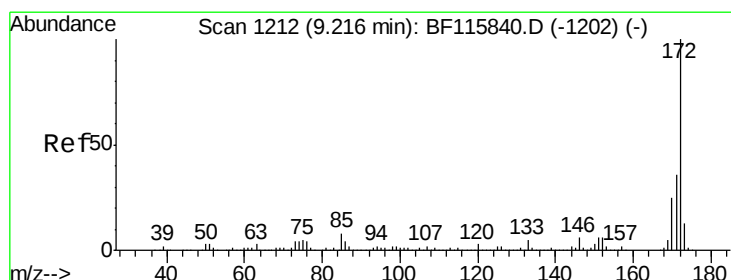
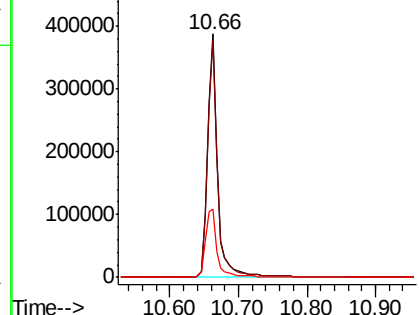
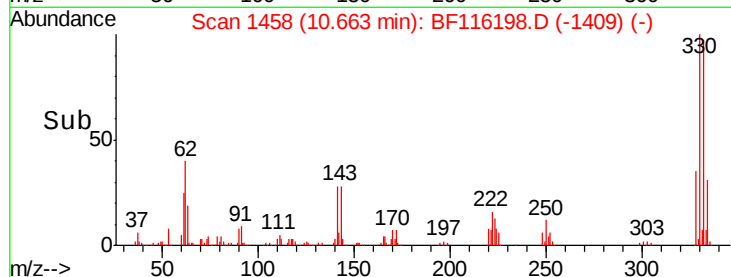
#42
 2,4,6-Tribromophenol
 Concen: 162.511 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116198.D
 Acq: 12 Aug 2019 19:37

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-080919-B

Tot Ion:330 Resp: 412028
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.8 115.2
 141 32.7 26.3 39.5

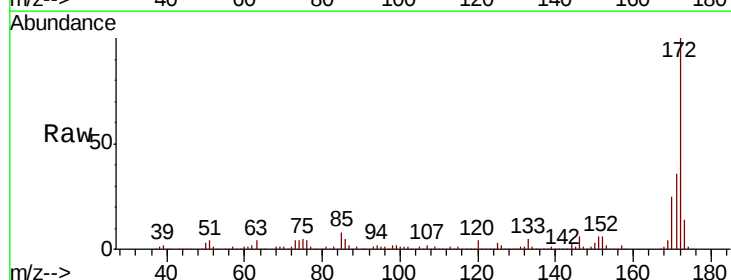


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

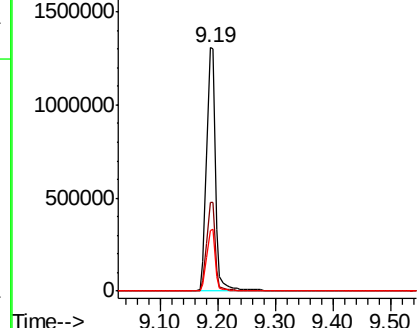
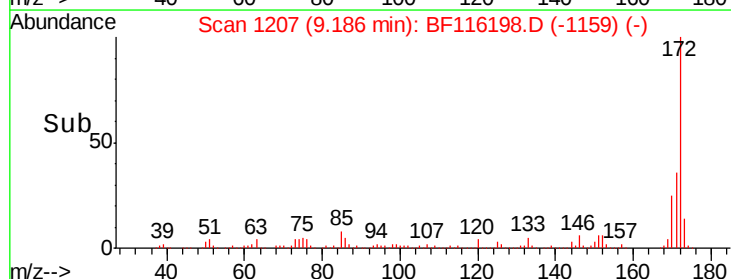


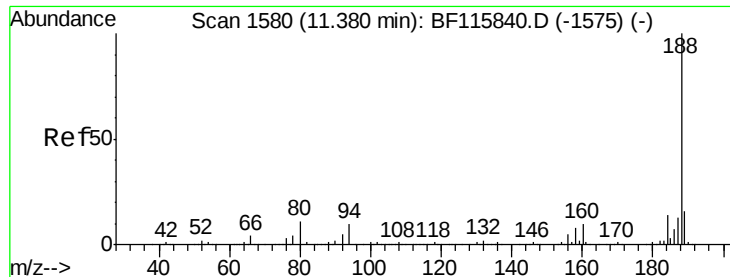
#45
 2-Fluorobiphenyl
 Concen: 105.092 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116198.D
 Acq: 12 Aug 2019 19:37

Tgt Ion:172 Resp: 1467229
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 25.1 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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116198.D

Acq: 12 Aug 2019 19:37

Instrument :

BNA_F

ClientSampleId :

OR-03-080919-B

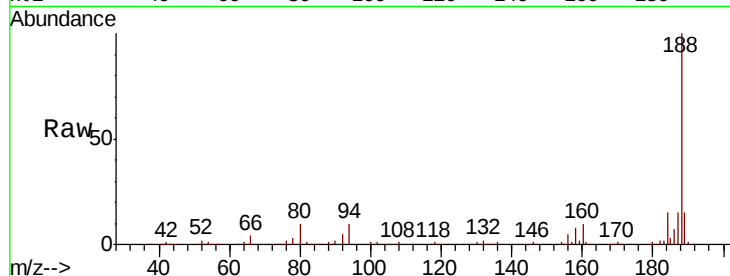
Tot Ion:188 Resp: 508814

Ion Ratio Lower Upper

188 100

94 9.6 8.1 12.1

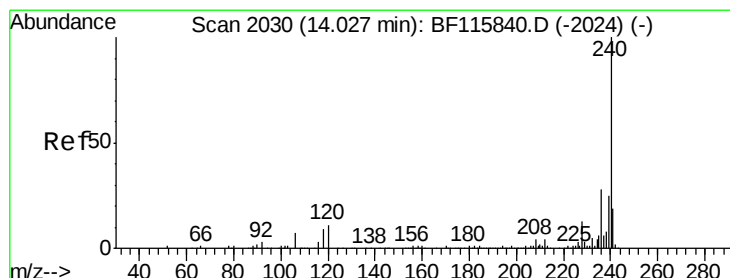
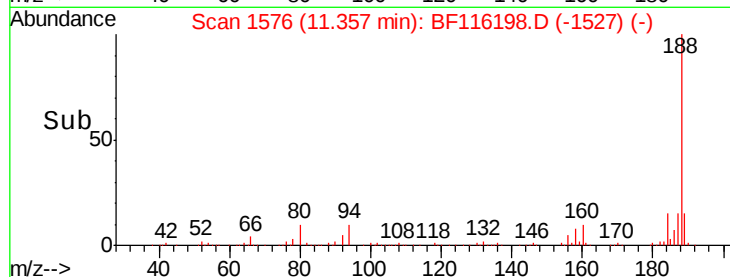
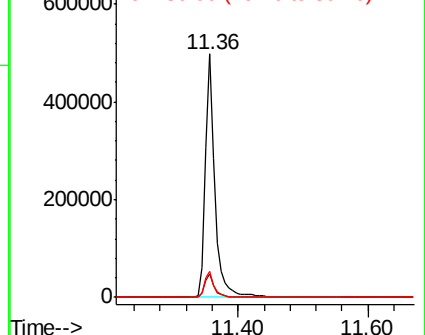
80 10.4 8.7 13.1



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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116198.D

Acq: 12 Aug 2019 19:37

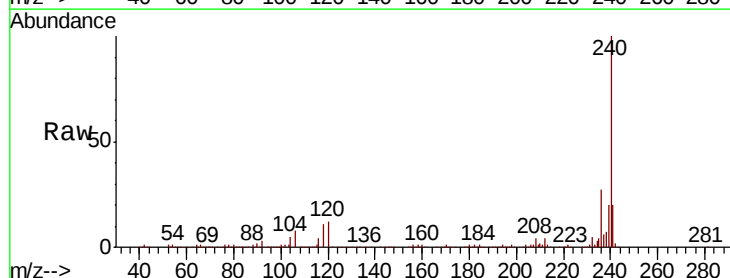
Tgt Ion:240 Resp: 436273

Ion Ratio Lower Upper

240 100

120 12.1 10.7 16.1

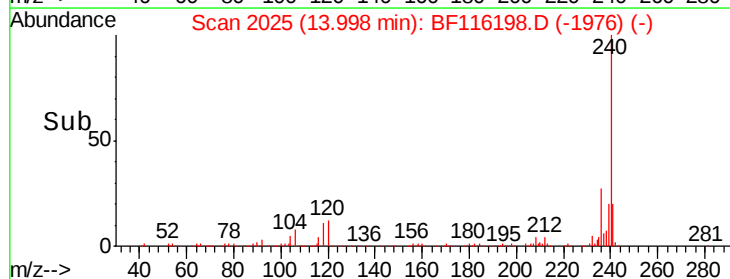
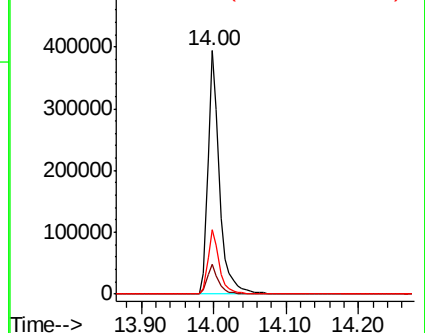
236 26.6 22.2 33.2

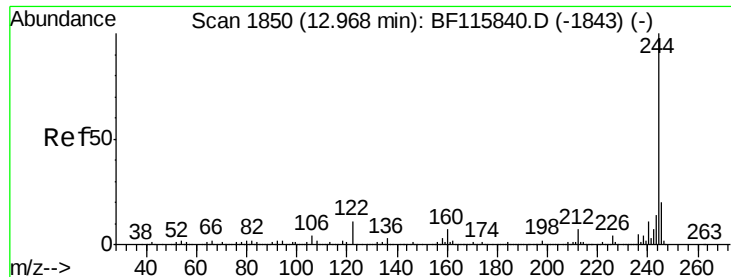


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.611 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116198.D

Acq: 12 Aug 2019 19:37

Instrument :

BNA_F

ClientSampleId :

OR-03-080919-B

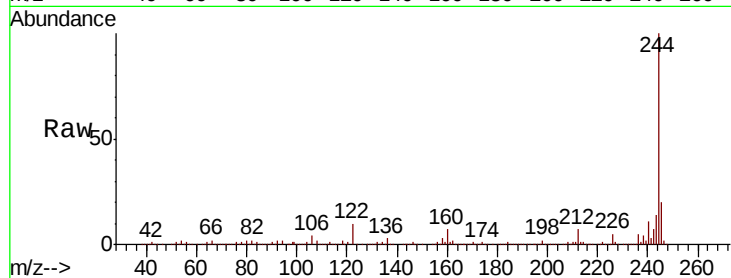
Tot Ion:244 Resp: 1958861

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

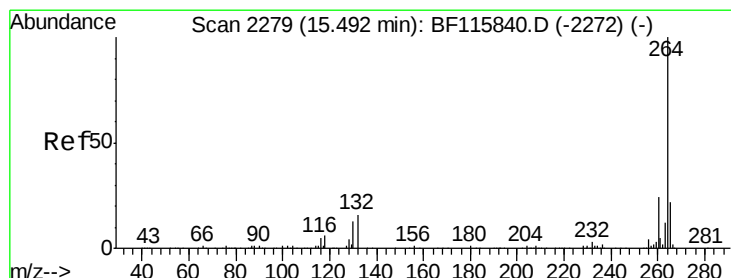
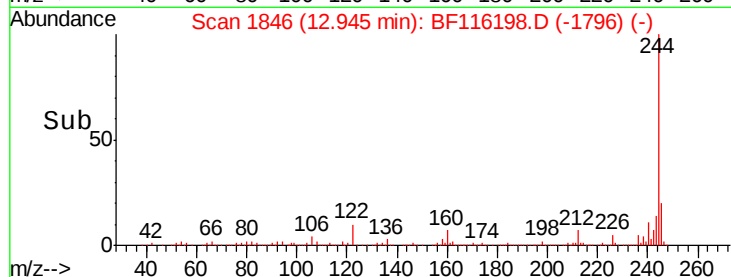
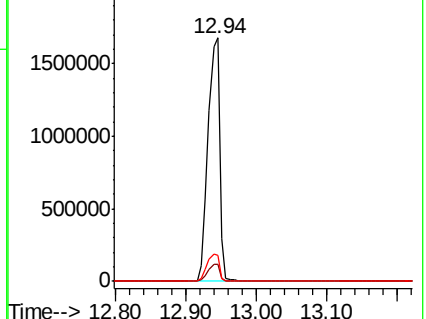
122 10.5 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116198.D

Acq: 12 Aug 2019 19:37

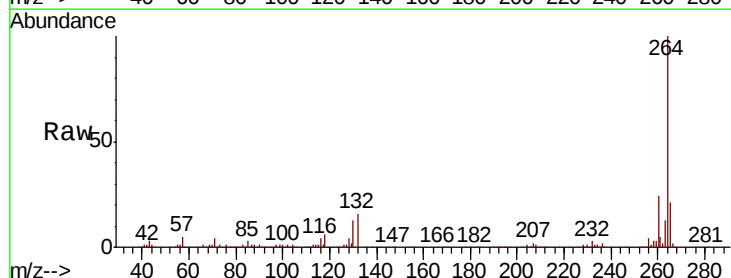
Tgt Ion:264 Resp: 414068

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

265 20.8 17.4 26.0



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

