

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115806.D
 Acq On : 27 Jul 2019 00:04
 Operator : HP/JU
 Sample : K3626-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-072519-A

Quant Time: Jul 27 03:14:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	155412	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	587980	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	309921	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	517420	20.00	ng	0.00
76) Chrysene-d12	14.03	240	315249	20.00	ng	0.00
87) Perylene-d12	15.50	264	368532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	990108	104.21	ng	0.01
7) Phenol-d6	6.50	99	1073514	89.04	ng	0.00
23) Nitrobenzene-d5	7.43	82	970204	95.95	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	400308	110.66	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1708265	96.47	ng	0.00
79) Terphenyl-d14	12.97	244	1538208	90.03	ng	0.00

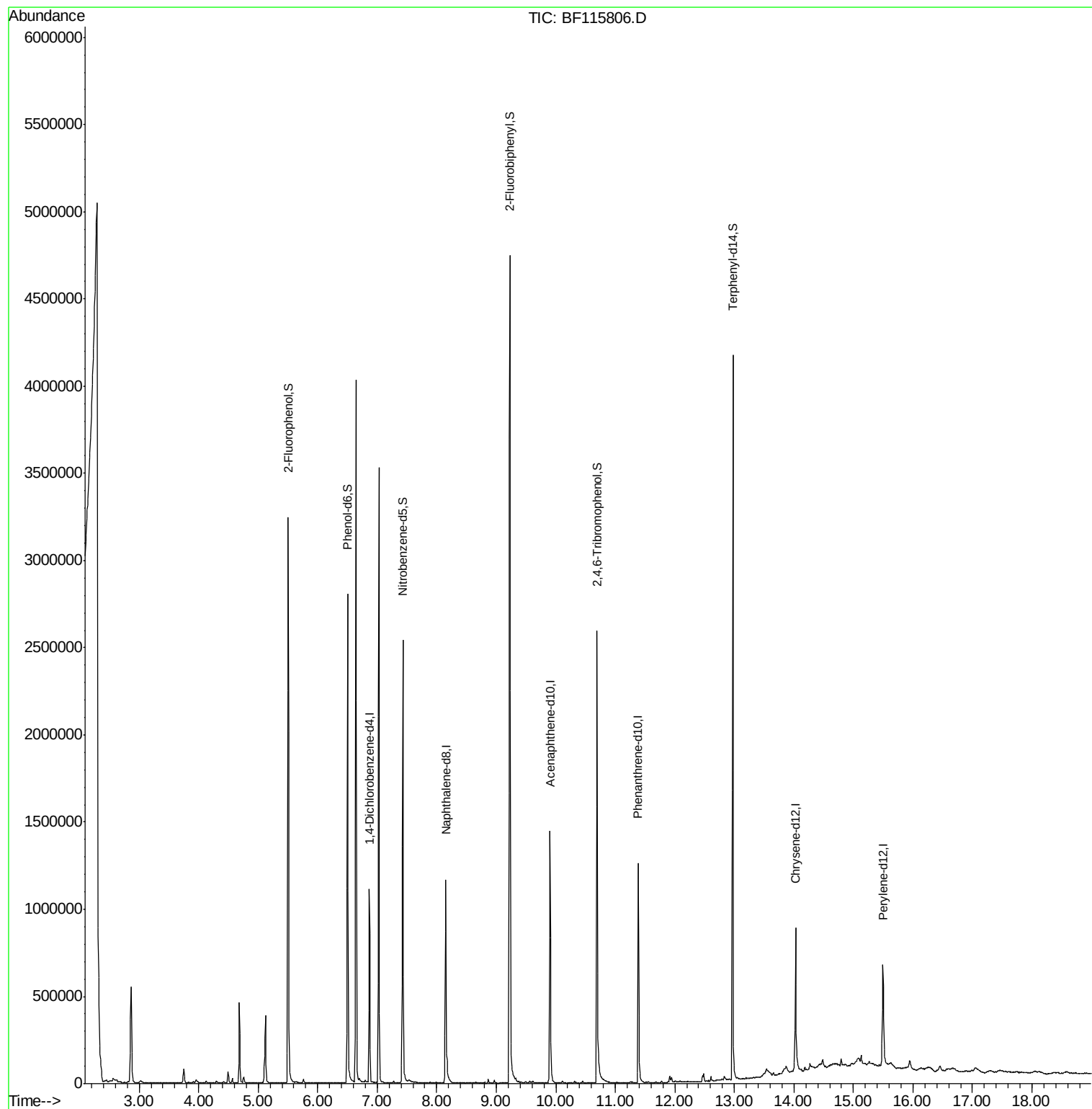
Target Compounds Qvalue

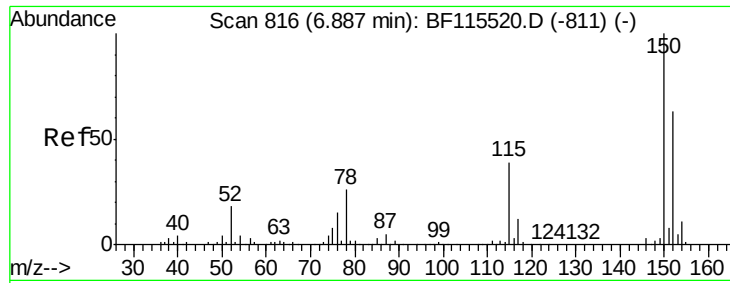
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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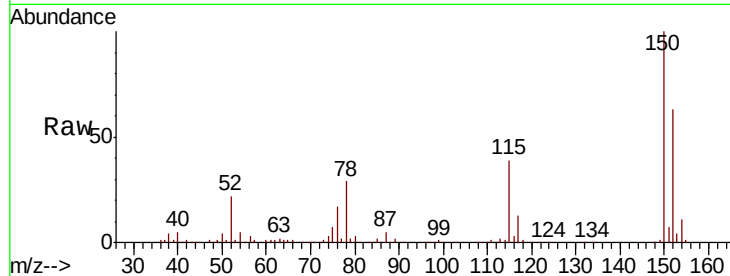


#1

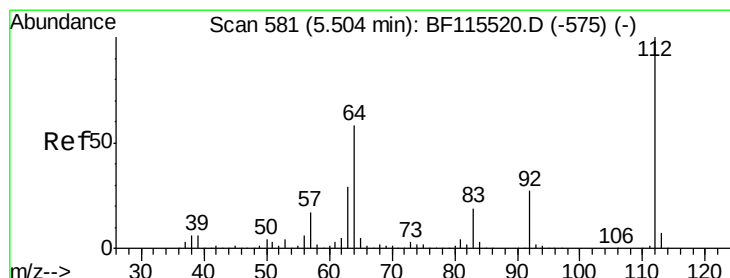
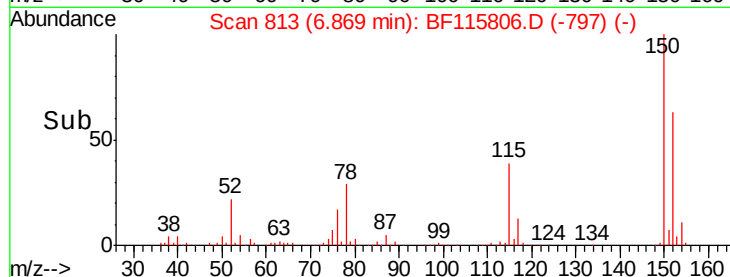
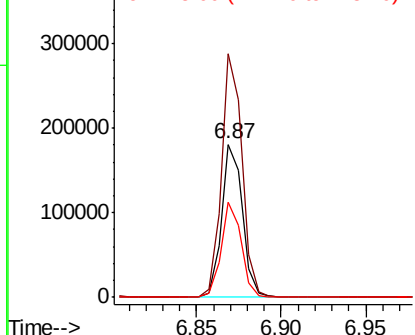
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115806.D
Acq: 27 Jul 2019 00:04

Instrument :
BNA_F
ClientSampleId :
SU-03-072519-A

Tot Ion:152 Resp: 155412
Ion Ratio Lower Upper
152 100
150 159.0 126.6 189.8
115 62.4 47.8 71.6



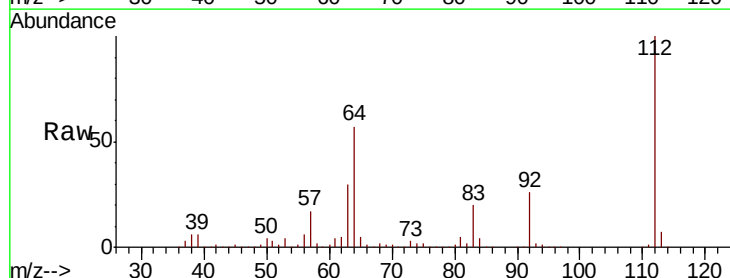
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



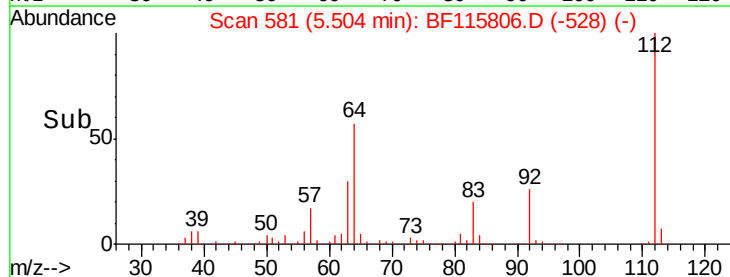
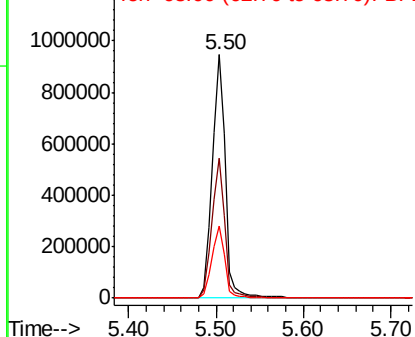
#5

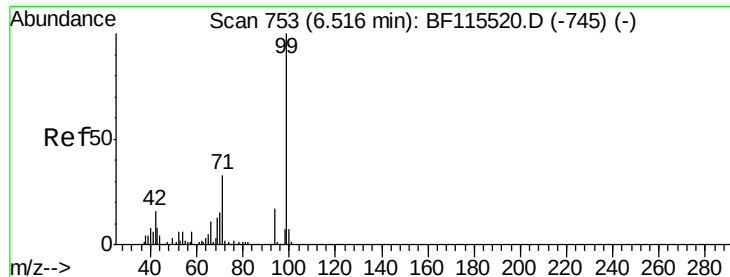
2-Fluorophenol
Concen: 104.209 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF115806.D
Acq: 27 Jul 2019 00:04

Tgt Ion:112 Resp: 990108
Ion Ratio Lower Upper
112 100
64 57.5 45.8 68.8
63 29.8 23.6 35.4



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: 89.045 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF115806.D

Acq: 27 Jul 2019 00:04

Instrument :

BNA_F

ClientSampleId :

SU-03-072519-A

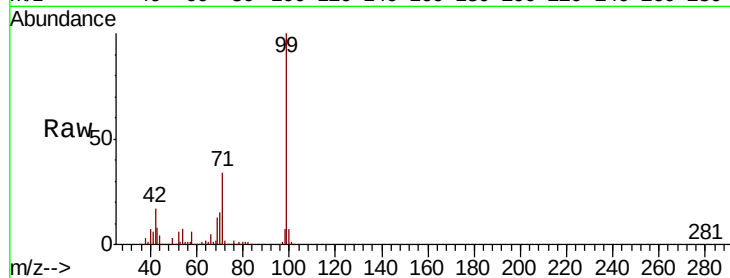
Tot Ion: 99 Resp: 1073514

Ion Ratio Lower Upper

99 100

42 16.7 13.4 20.2

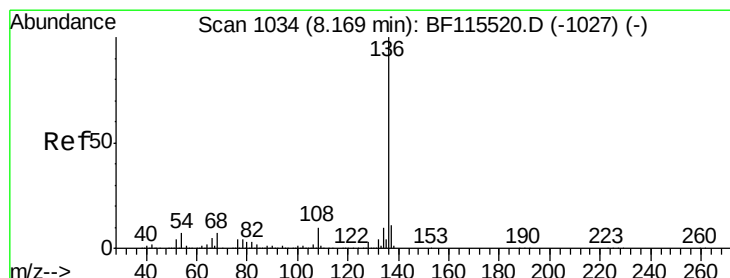
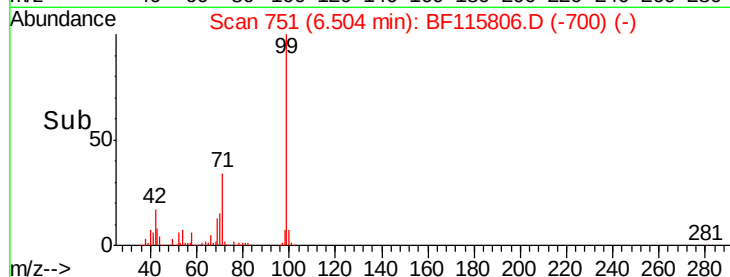
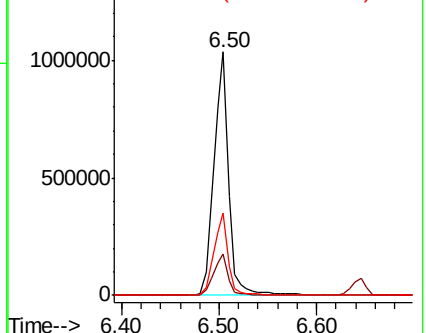
71 33.7 26.7 40.1



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115806.D

Acq: 27 Jul 2019 00:04

Tgt Ion: 136 Resp: 587980

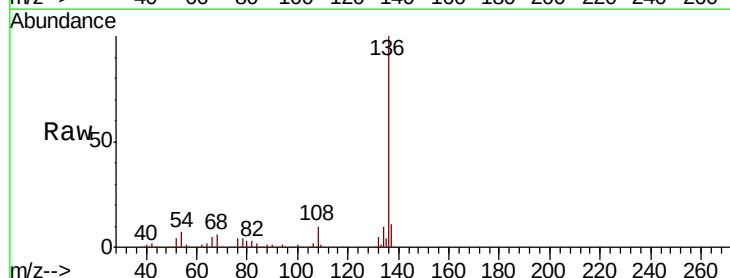
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.7 5.0 7.6

68 5.9 4.7 7.1

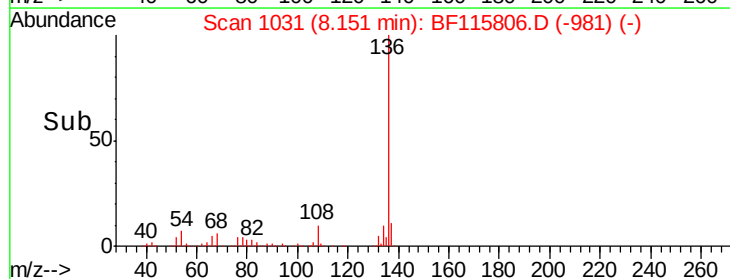
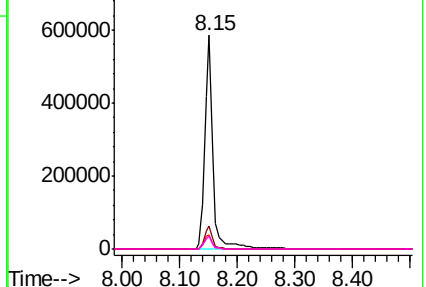


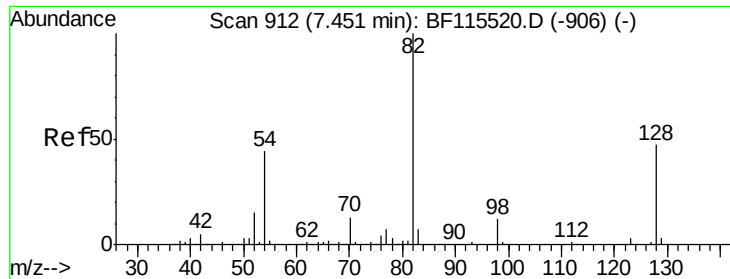
Abundance Ion 136.00 (135.70 to 136.70): E

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

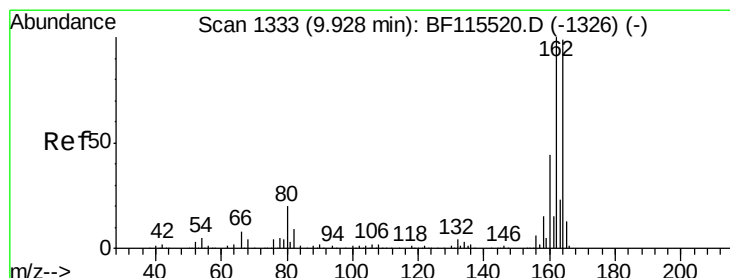
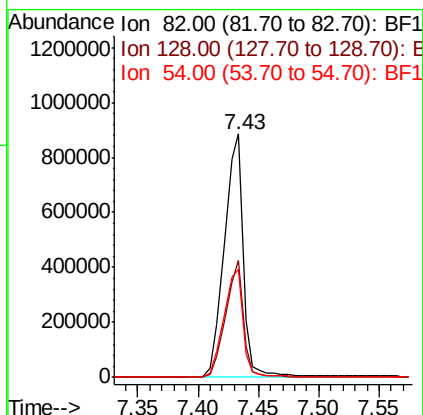
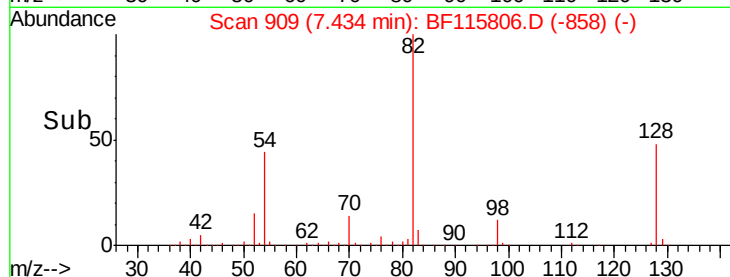
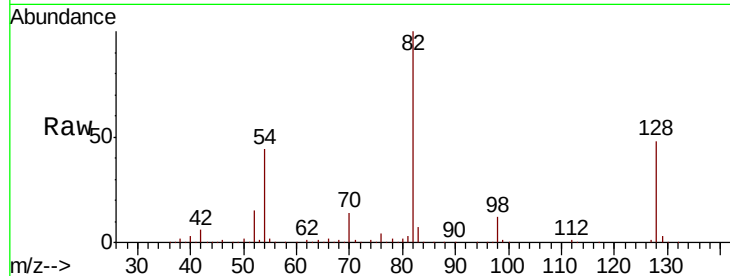




#23
 Nitrobenzene-d5
 Concen: 95.946 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF115806.D
 Acq: 27 Jul 2019 00:04

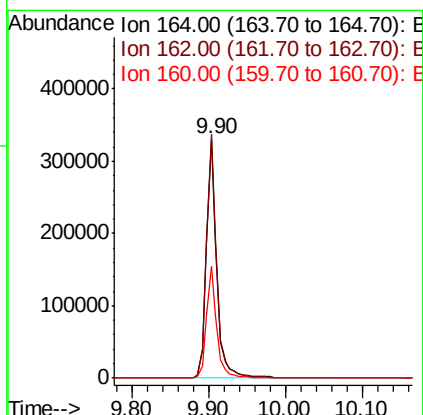
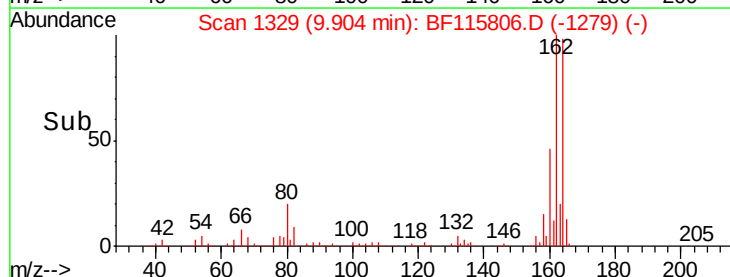
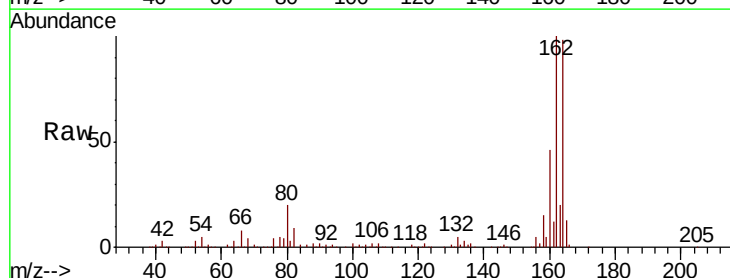
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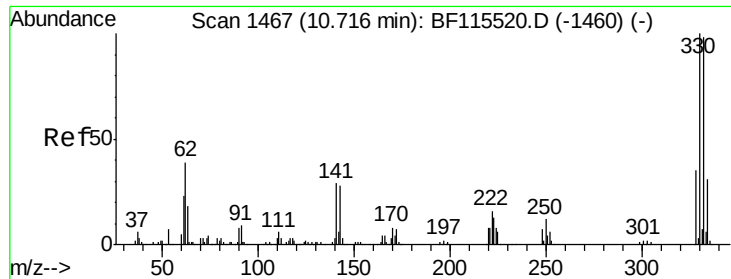
Tot Ion: 82 Resp: 970204
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.6 55.0
 54 44.1 36.6 54.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF115806.D
 Acq: 27 Jul 2019 00:04

Tgt Ion:164 Resp: 309921
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.8 122.6
 160 46.6 37.5 56.3

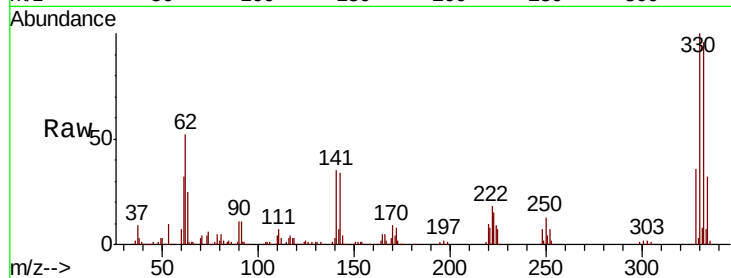




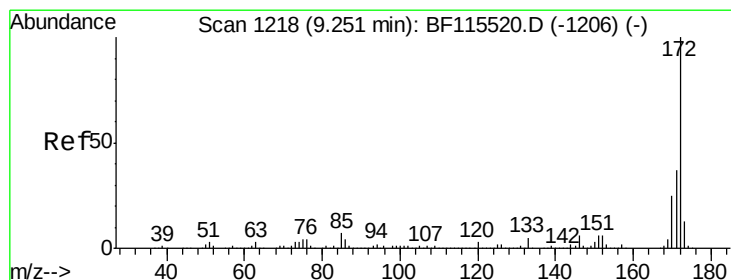
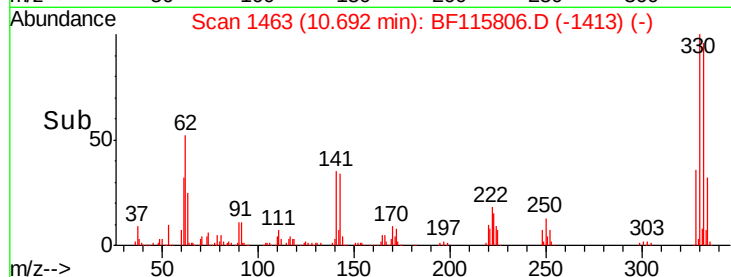
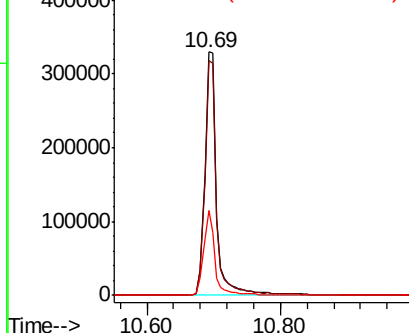
#42
 2,4,6-Tribromophenol
 Concen: 110.658 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115806.D
 Acq: 27 Jul 2019 00:04

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-072519-A

Tot Ion:330 Resp: 400308
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.1 114.1
 141 33.4 25.9 38.9

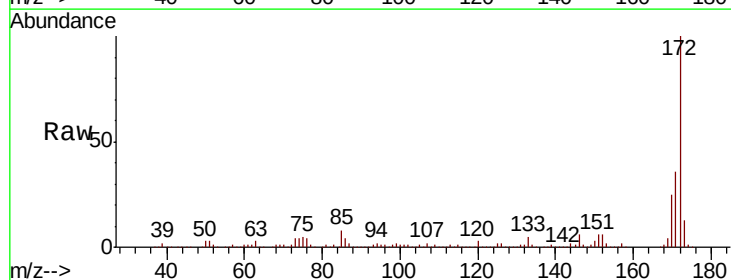


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

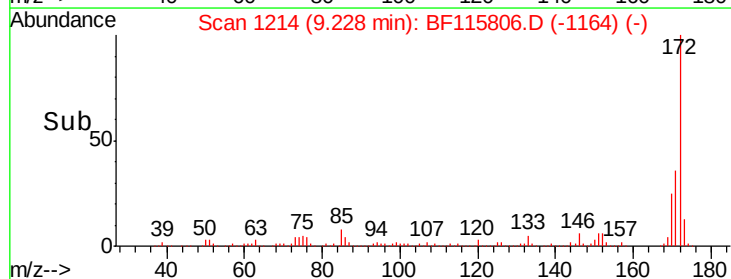
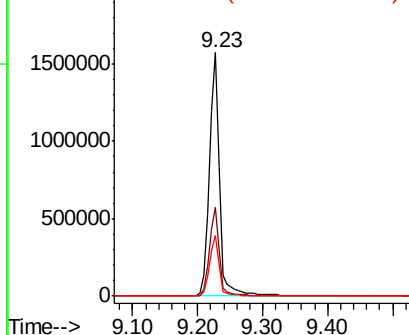


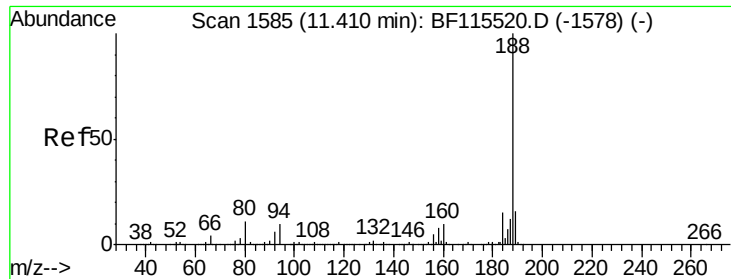
#45
 2-Fluorobiphenyl
 Concen: 96.474 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115806.D
 Acq: 27 Jul 2019 00:04

Tgt Ion:172 Resp: 1708265
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 24.9 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

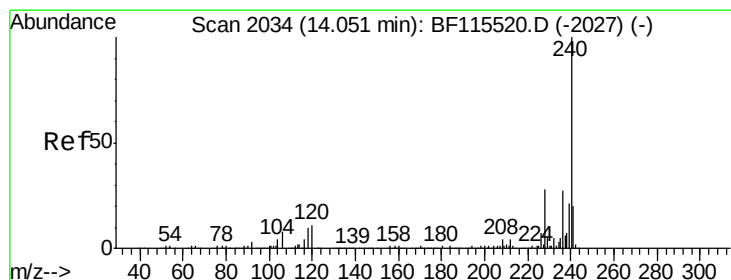
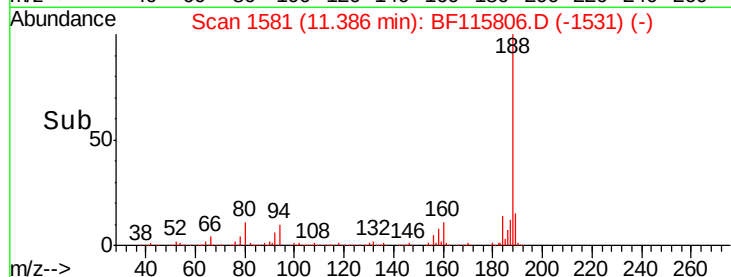
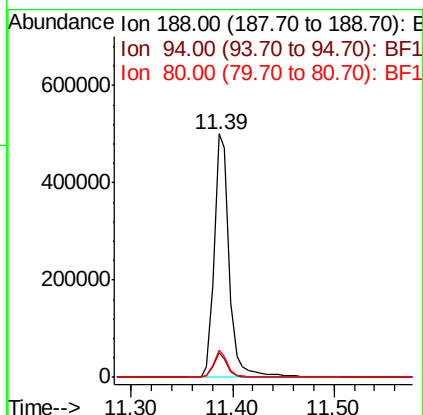
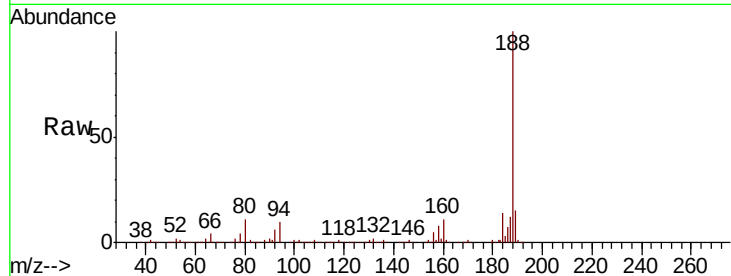




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF115806.D
Acq: 27 Jul 2019 00:04

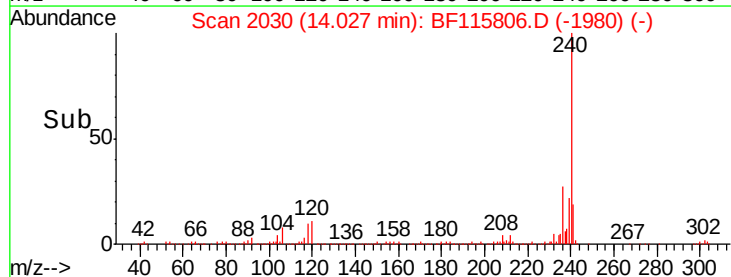
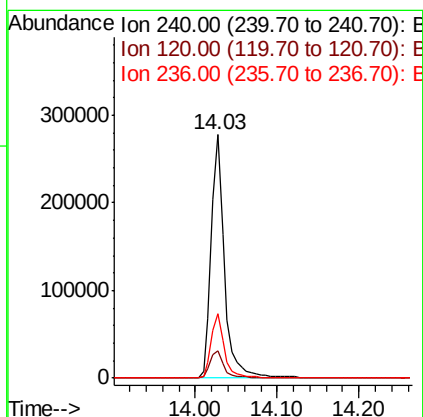
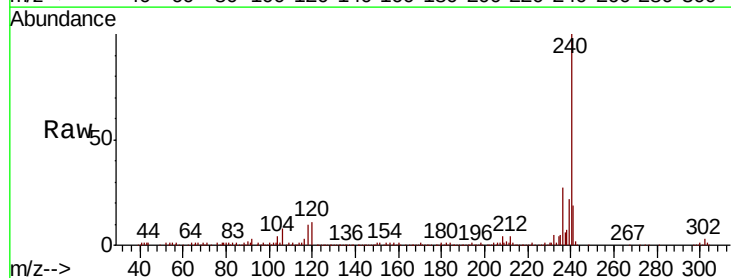
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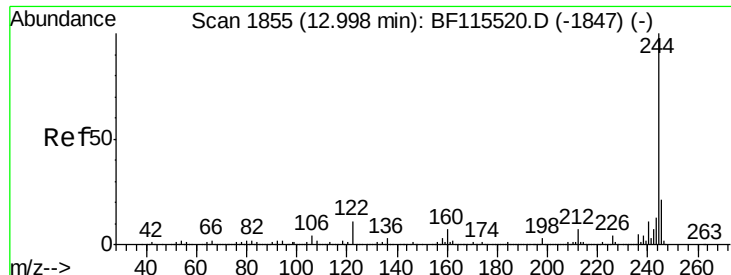
Tot Ion:188 Resp: 517420
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 11.0 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115806.D
Acq: 27 Jul 2019 00:04

Tgt Ion:240 Resp: 315249
Ion Ratio Lower Upper
240 100
120 11.1 10.0 15.0
236 26.6 21.8 32.6

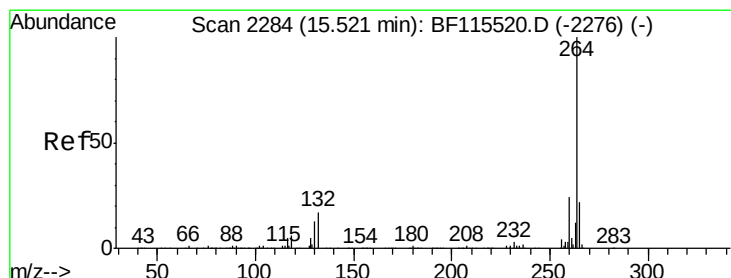
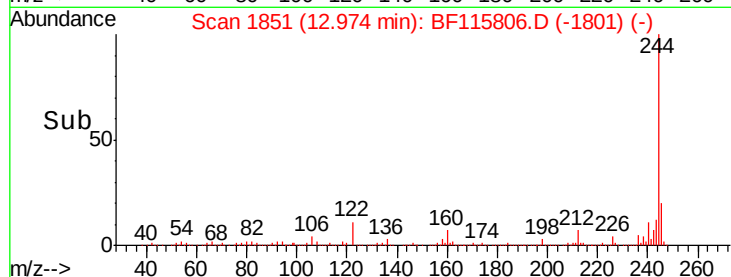
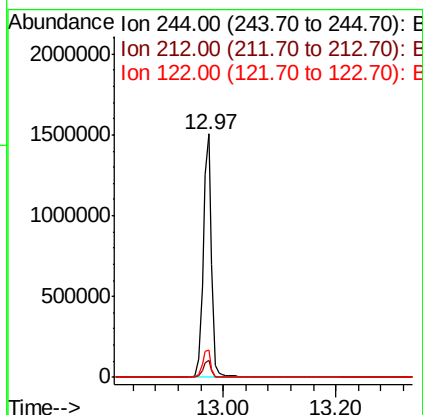
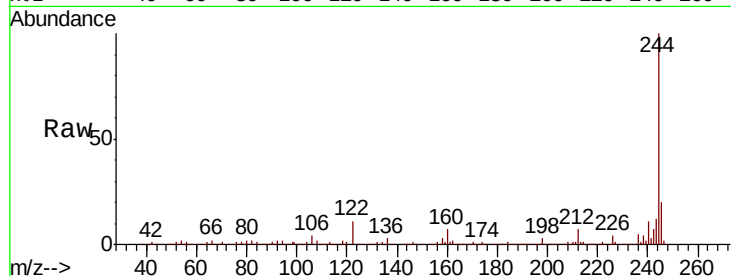




#79
 Terphenyl-d14
 Concen: 90.032 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115806.D
 Acq: 27 Jul 2019 00:04

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 1538208
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 11.4 8.2 12.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BF115806.D
 Acq: 27 Jul 2019 00:04

Tgt Ion:264 Resp: 368532
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 22.1 17.5 26.3

