

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116329.D
 Acq On : 16 Aug 2019 20:33
 Operator : HP/JU
 Sample : K4227-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMP

Quant Time: Aug 17 04:39:14 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	6.82	152	159533	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	614111	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	322953	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	582558	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	400493	20.00	ng	-0.03
87) Perylene-d12	15.44	264	356359	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1039773	109.11	ng	-0.01
7) Phenol-d6	6.46	99	1244421	103.50	ng	-0.02
23) Nitrobenzene-d5	7.38	82	947986	89.11	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	400126	127.79	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1559111	90.43	ng	-0.04
79) Terphenyl-d14	12.92	244	1713245	90.14	ng	-0.04

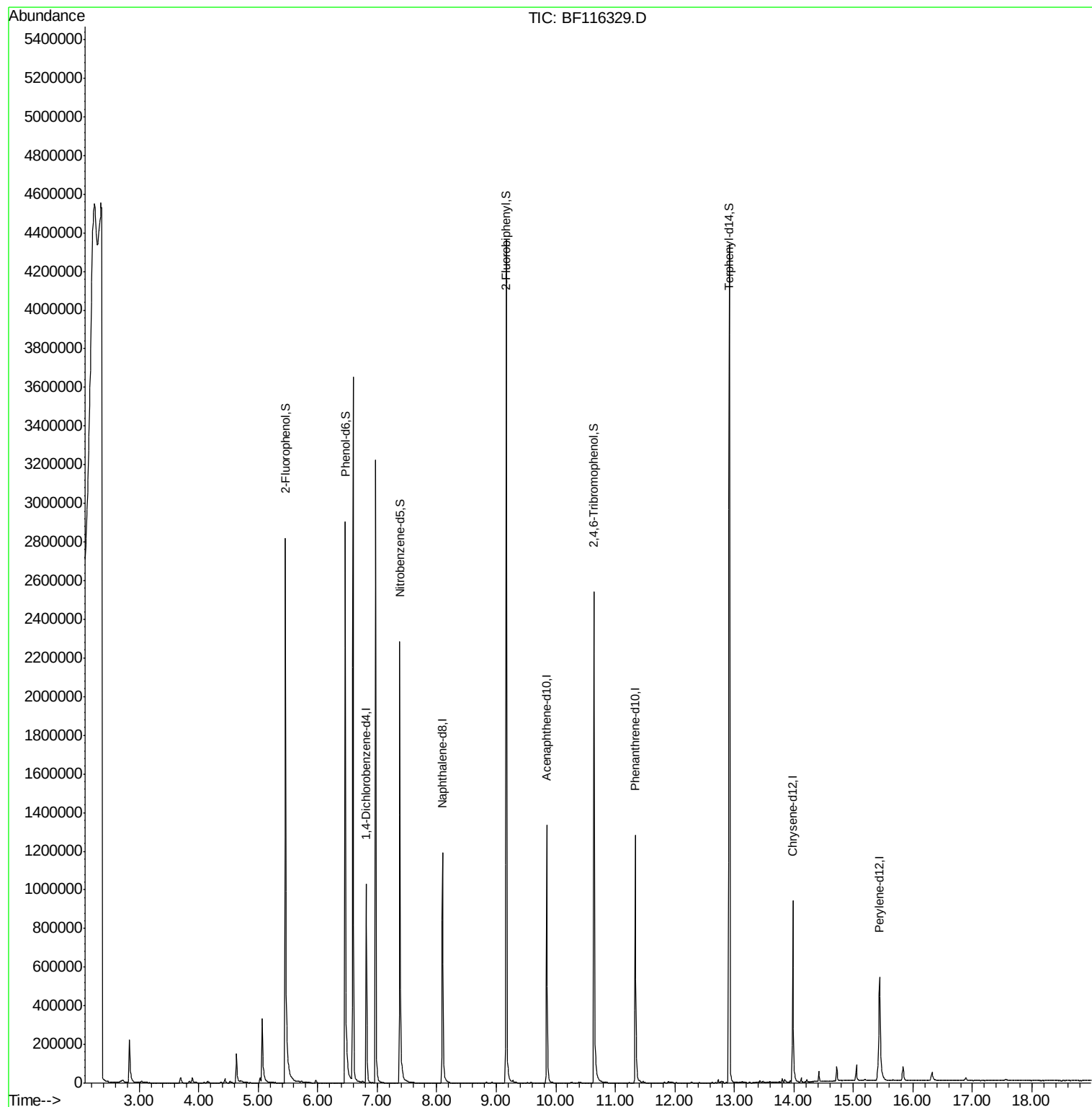
Target Compounds Qvalue

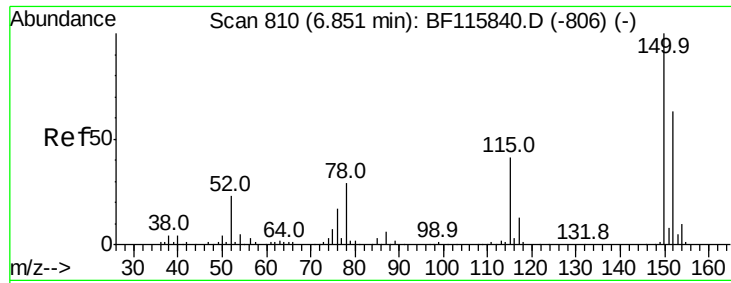
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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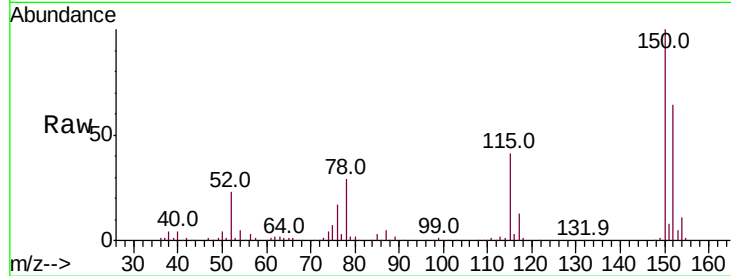


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116329.D
 Acq: 16 Aug 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	64.1	49.9	74.9

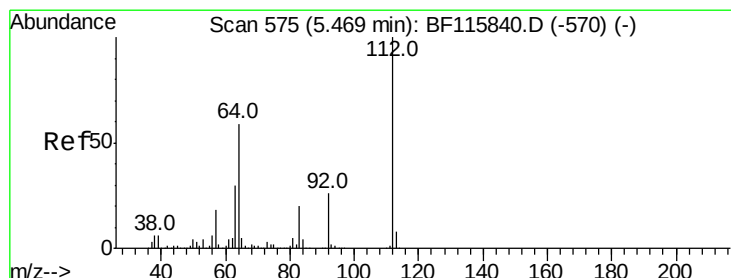
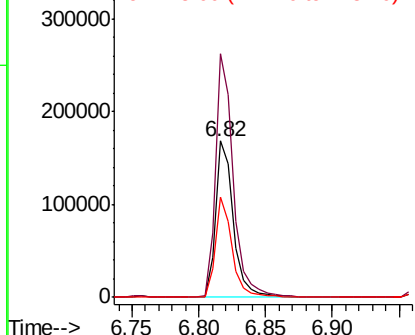
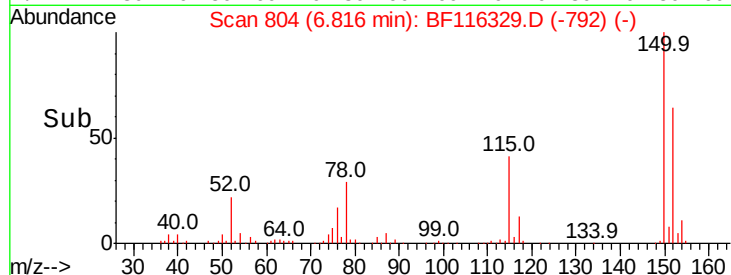


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

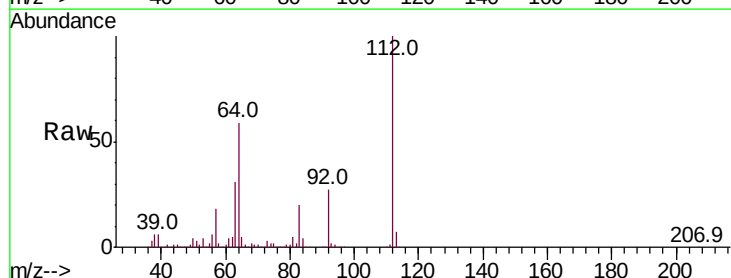
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 109.109 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF116329.D
 Acq: 16 Aug 2019 20:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	45.4	68.2
63	31.1	23.7	35.5

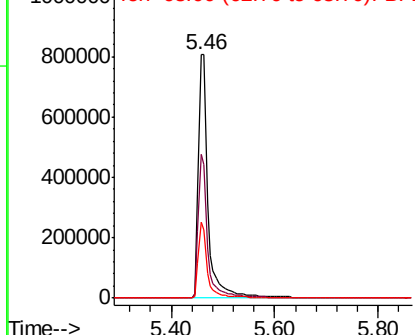
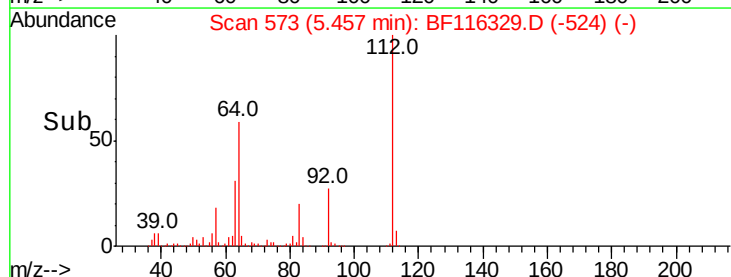


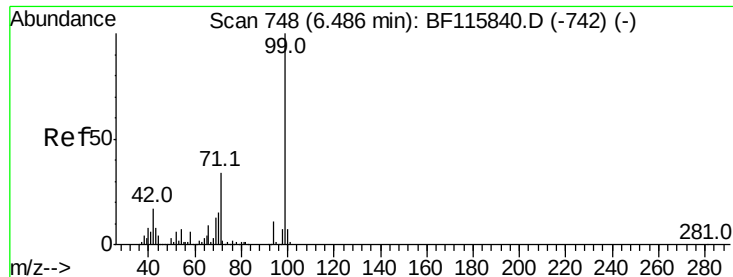
Abundance

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: 103.500 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116329.D

Acq: 16 Aug 2019 20:33

Instrument :

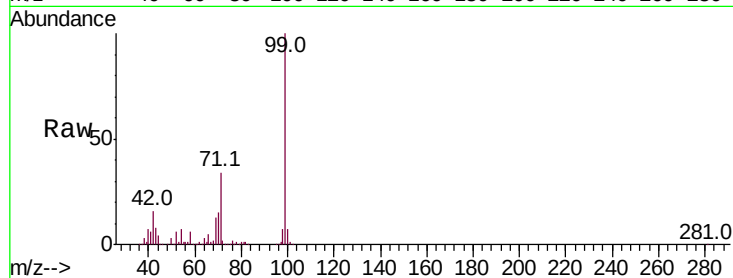
BNA_F

ClientSampleId :

1S-I-(0-1)-COMP

Tot Ion: 99 Resp: 1244421

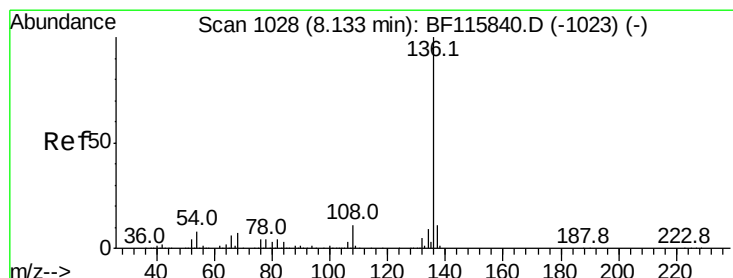
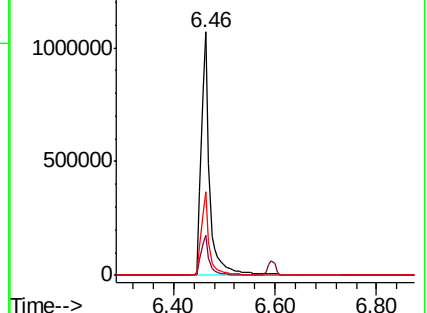
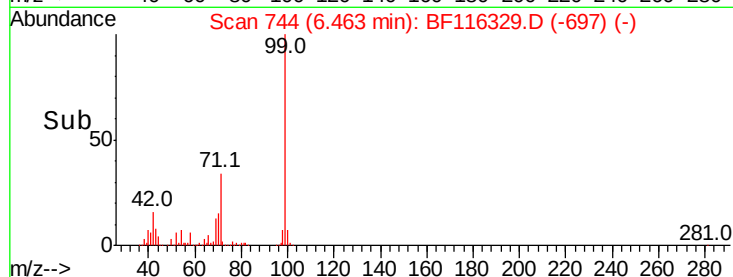
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.8	20.8
71	34.3	27.3	40.9



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: 8.10 min Scan# 1022

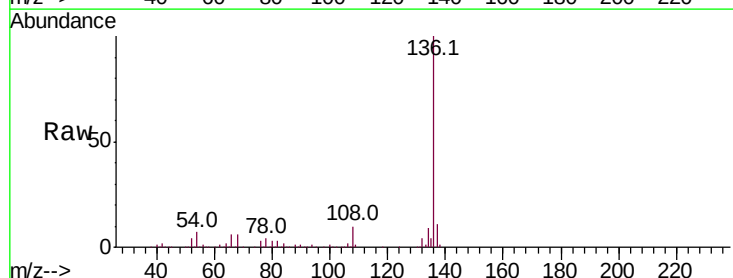
Delta R.T. -0.03 min

Lab File: BF116329.D

Acq: 16 Aug 2019 20:33

Tgt Ion: 136 Resp: 614111

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.8	5.8	8.6
68	6.1	5.2	7.8

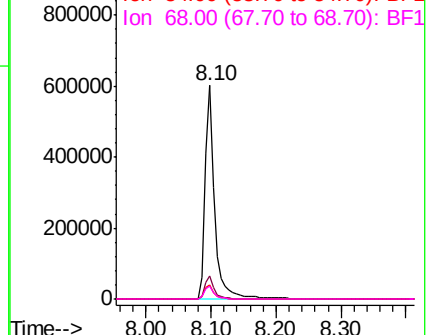
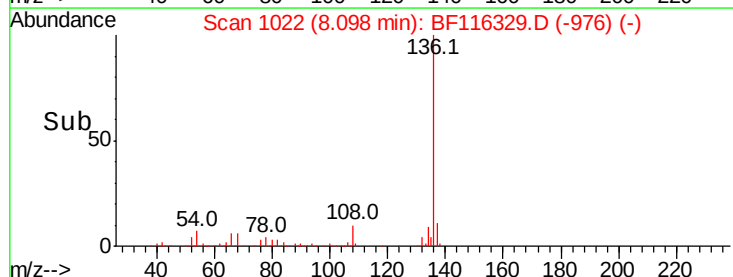


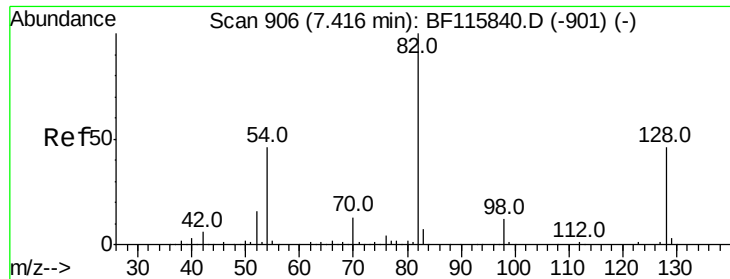
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.106 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116329.D

Acq: 16 Aug 2019 20:33

Instrument :

BNA_F

ClientSampleId :

1S-I(0-1)-COMP

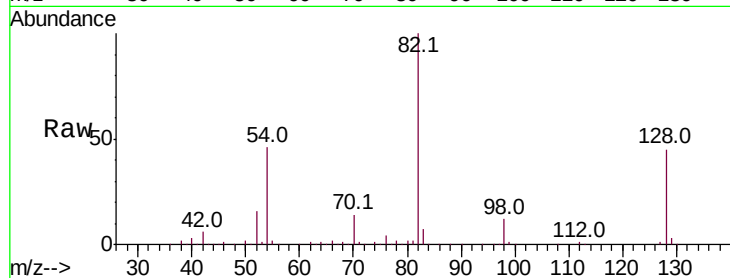
Tot Ion: 82 Resp: 947986

Ion Ratio Lower Upper

82 100

128 45.1 36.5 54.7

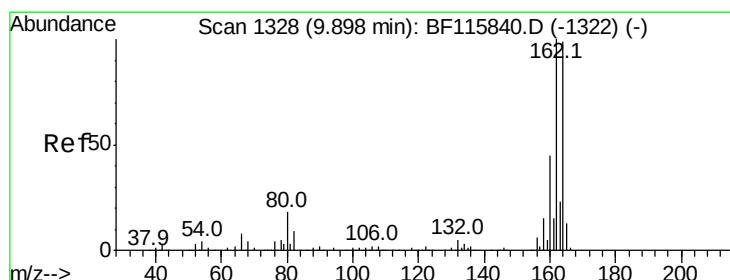
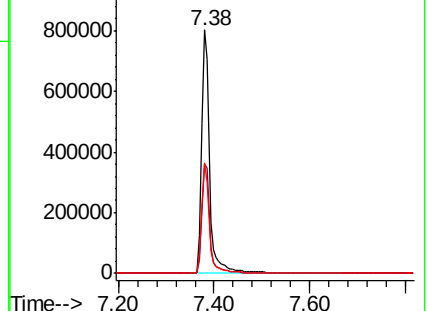
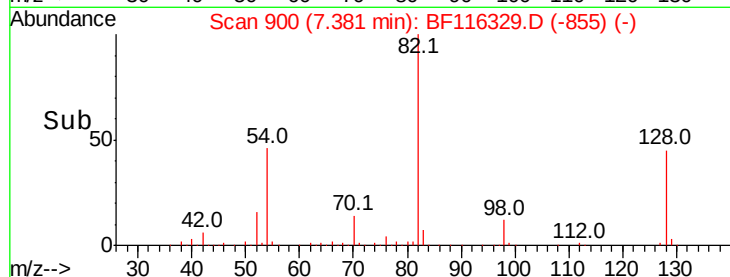
54 45.5 36.0 54.0



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: 9.85 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BF116329.D

Acq: 16 Aug 2019 20:33

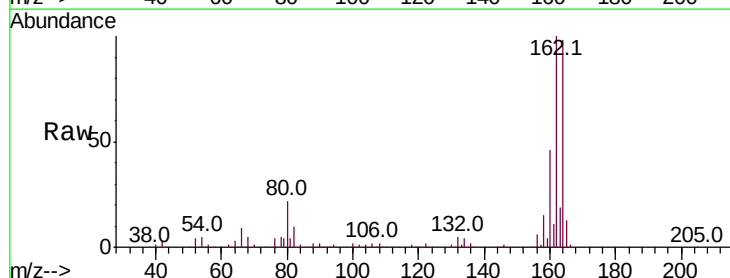
Tgt Ion:164 Resp: 322953

Ion Ratio Lower Upper

164 100

162 101.8 82.6 124.0

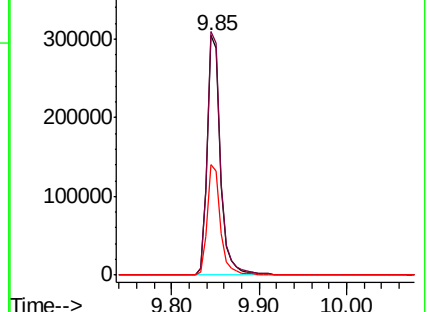
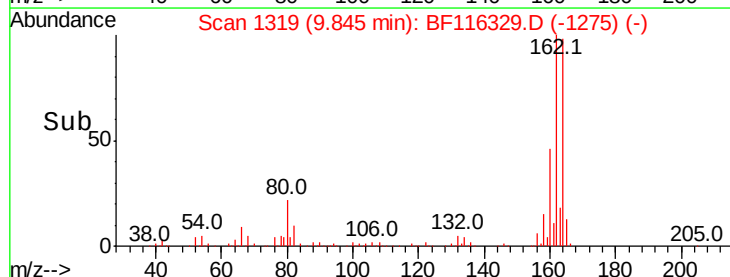
160 46.3 37.6 56.4

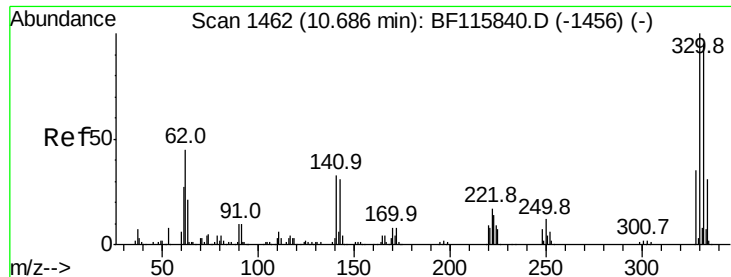


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

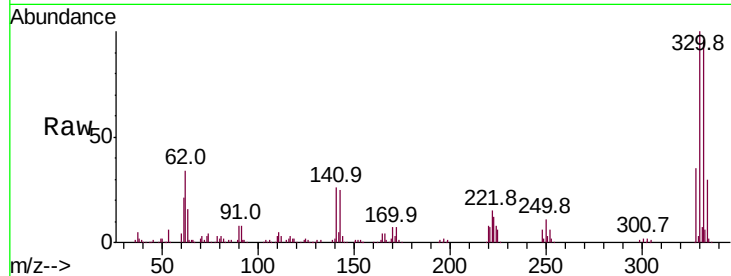




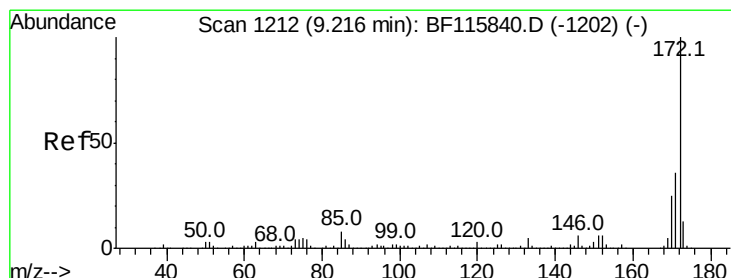
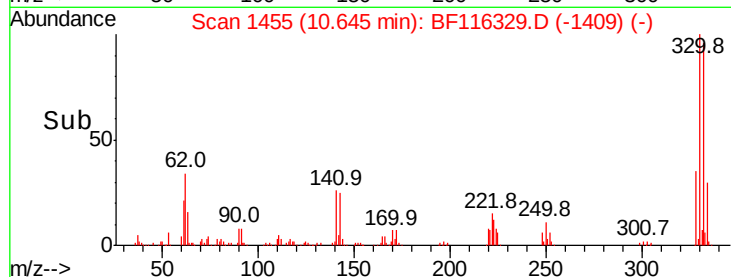
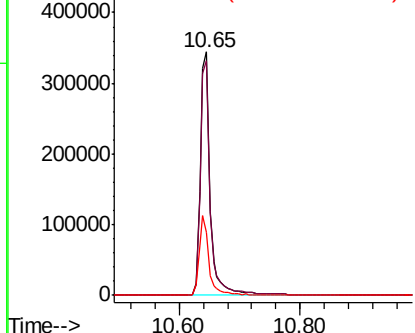
#42
 2,4,6-Tribromophenol
 Concen: 127.790 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF116329.D
 Acq: 16 Aug 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 1S-I(0-1)-COMP

Tot Ion:330 Resp: 400126
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.8 115.2
 141 33.1 26.3 39.5

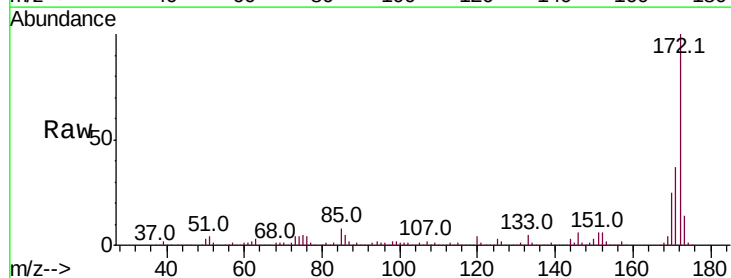


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

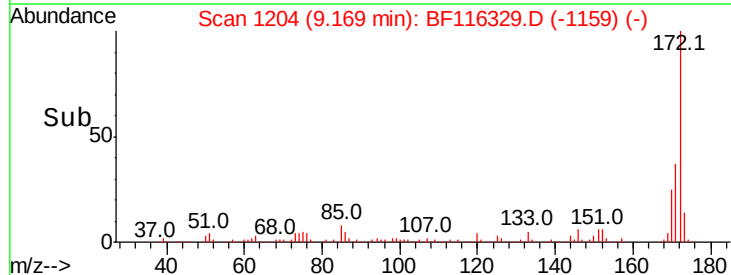
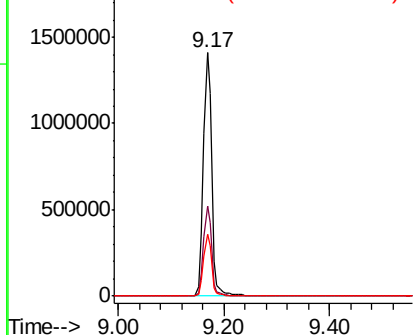


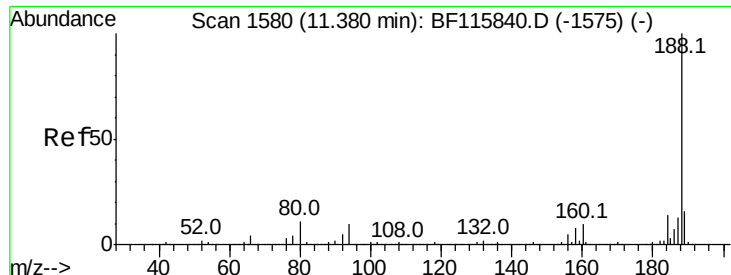
#45
 2-Fluorobiphenyl
 Concen: 90.426 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116329.D
 Acq: 16 Aug 2019 20:33

Tgt Ion:172 Resp: 1559111
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 25.3 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

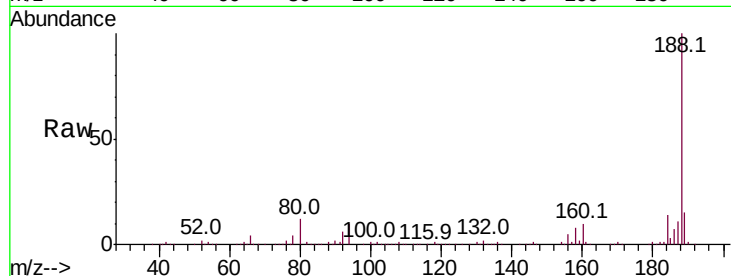




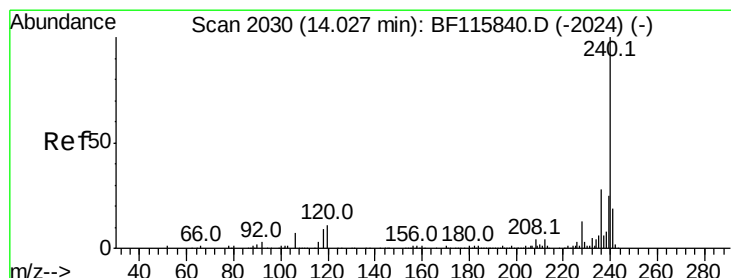
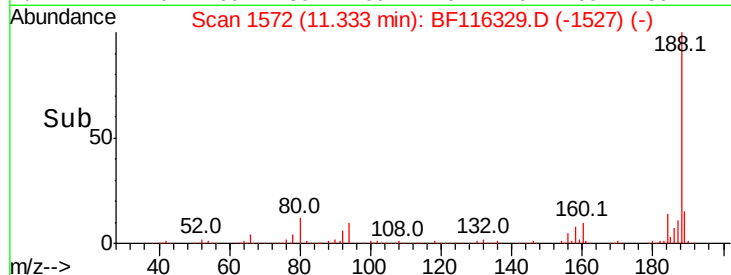
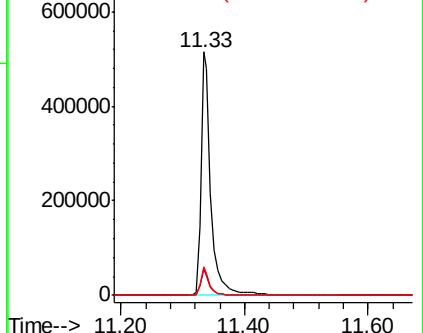
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.04 min
 Lab File: BF116329.D
 Acq: 16 Aug 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	11.5	8.7	13.1

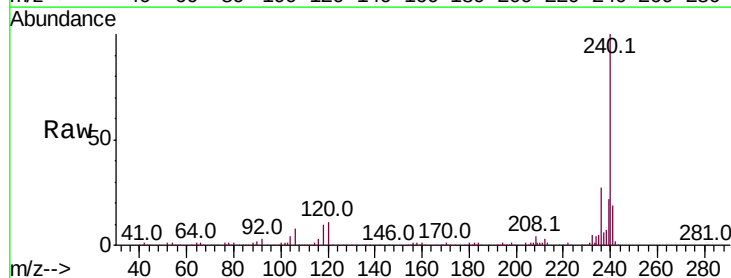


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

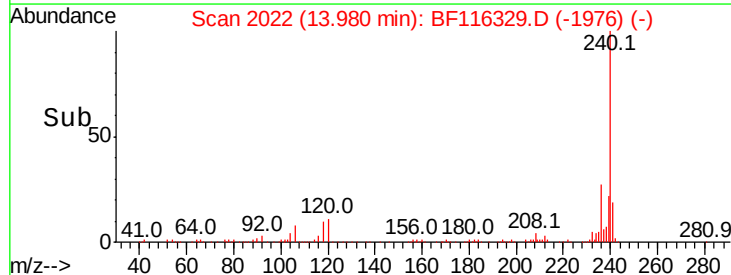
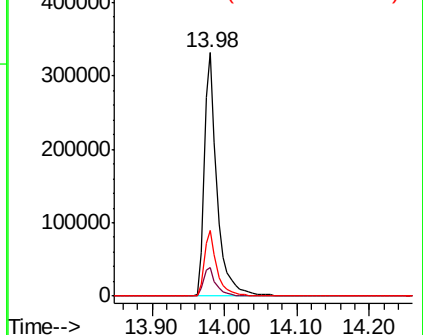


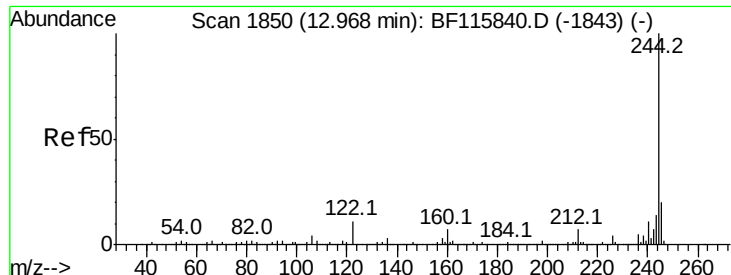
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116329.D
 Acq: 16 Aug 2019 20:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.7	16.1
236	26.8	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

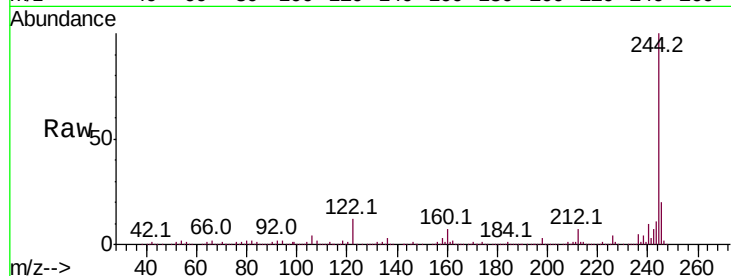




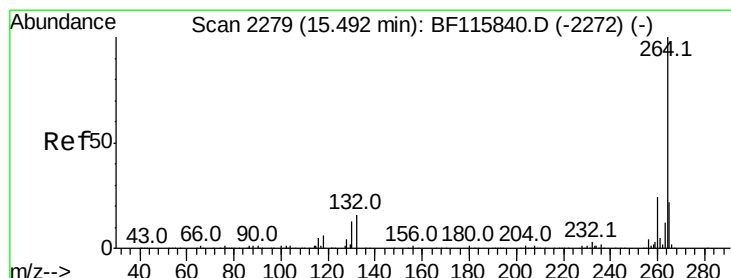
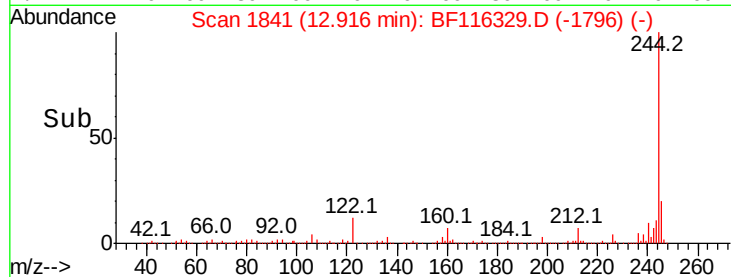
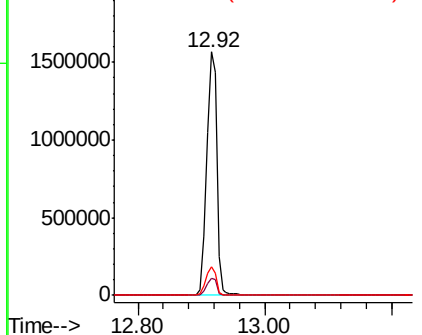
#79
 Terphenyl-d14
 Concen: 90.141 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF116329.D
 Acq: 16 Aug 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMP

Tot Ion:244 Resp: 1713245
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.6 9.0 13.4

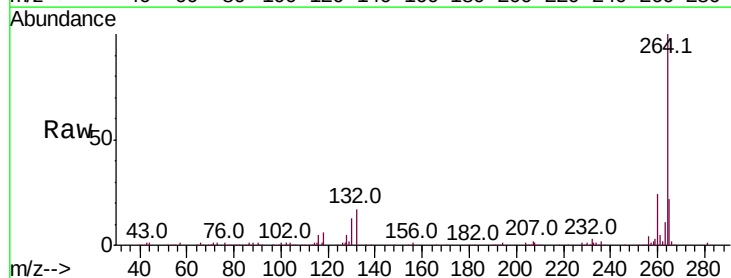


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BF116329.D
 Acq: 16 Aug 2019 20:33

Tgt Ion:264 Resp: 356359
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.7 29.5
 265 21.7 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

