

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
 Data File : BF111778.D
 Acq On : 27 Dec 2018 22:21
 Operator : JU/SJ
 Sample : J6195-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-122618-A

Quant Time: Dec 28 07:35:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	121752	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	417243	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	186739	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	339365	20.00	ng	0.01
76) Chrysene-d12	14.07	240	284230	20.00	ng	0.02
87) Perylene-d12	15.56	264	206344	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	821453	115.00	ng	0.04
7) Phenol-d6	6.55	99	878668	96.66	ng	0.03
23) Nitrobenzene-d5	7.46	82	723231	100.89	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	277258	125.66	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1275323	99.54	ng	0.00
79) Terphenyl-d14	13.02	244	1371872	91.53	ng	0.02

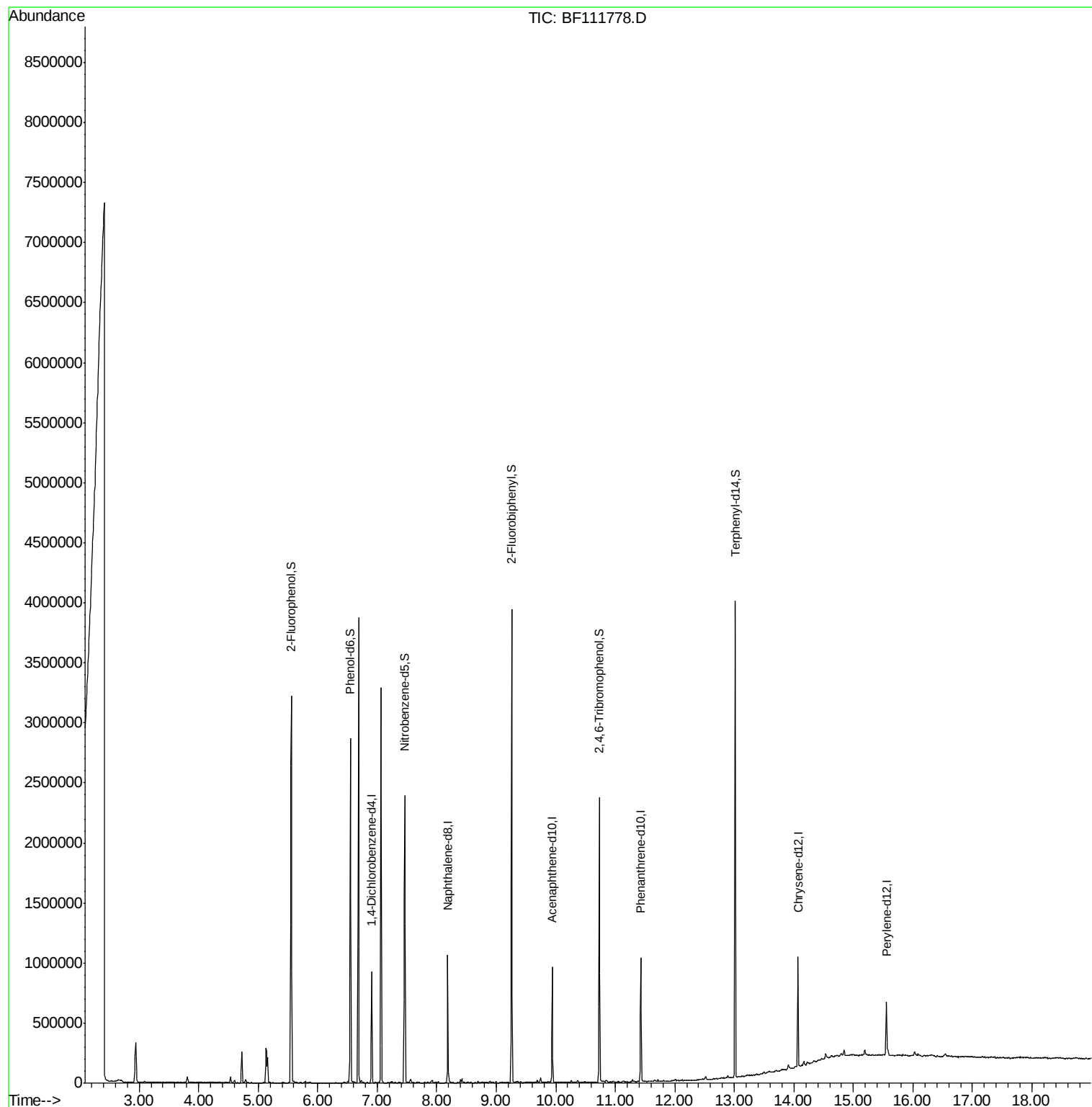
Target Compounds Qvalue

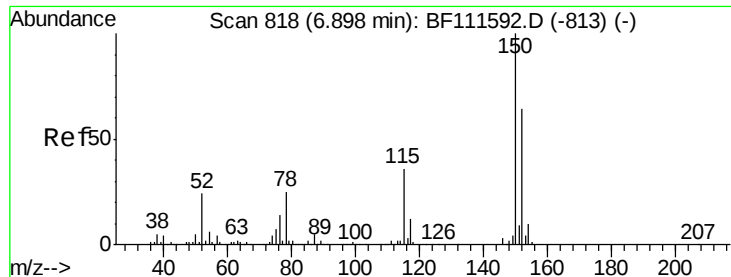
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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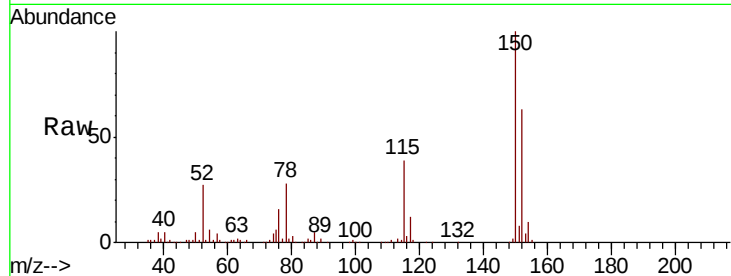


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111778.D
Acq: 27 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.6	189.8
115	60.8	50.7	76.1

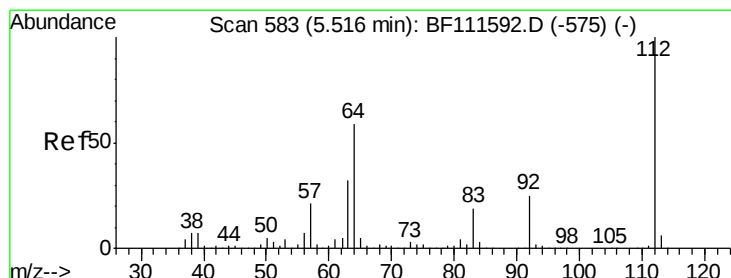
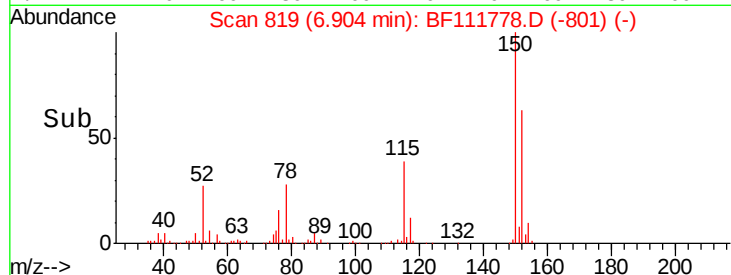
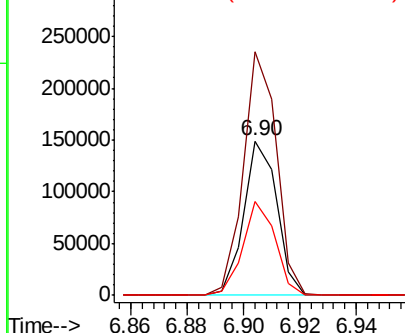


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

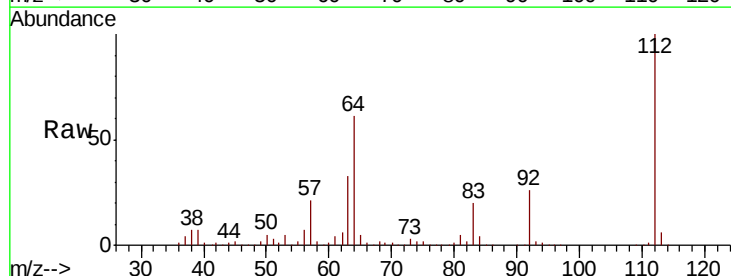
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.004 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.04 min
Lab File: BF111778.D
Acq: 27 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	51.8	77.6
63	33.5	26.8	40.2

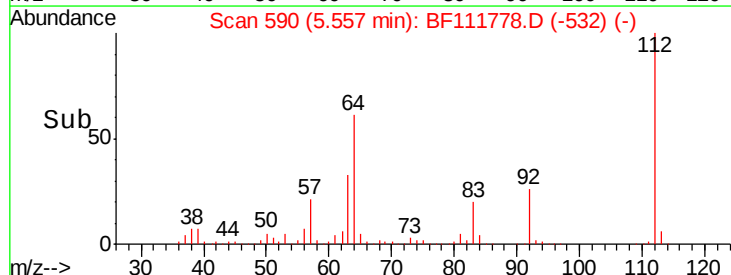
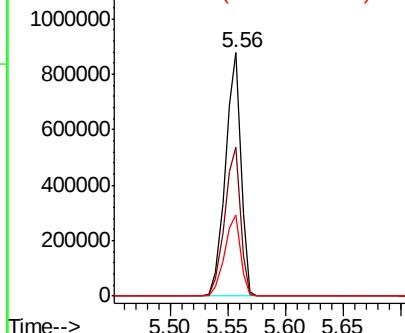


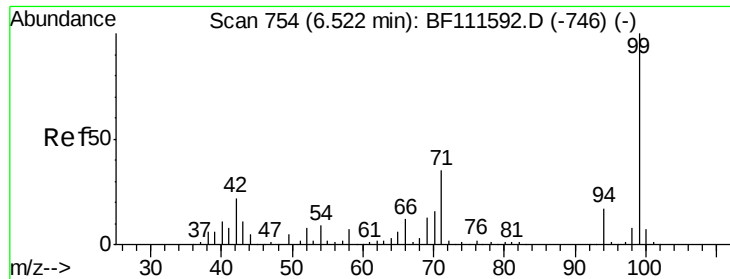
Abundance

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: 96.660 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111778.D

Acq: 27 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

OR-01-122618-A

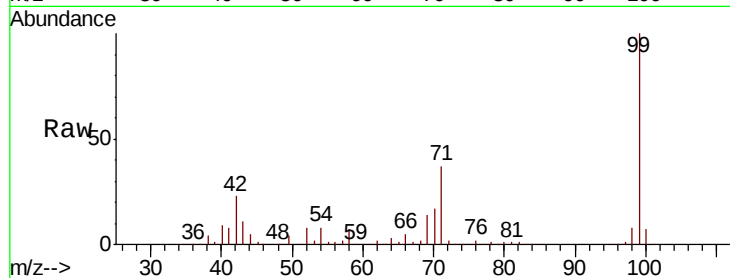
Tot Ion: 99 Resp: 878668

Ion Ratio Lower Upper

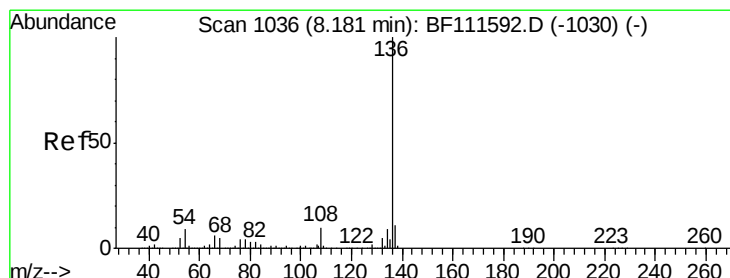
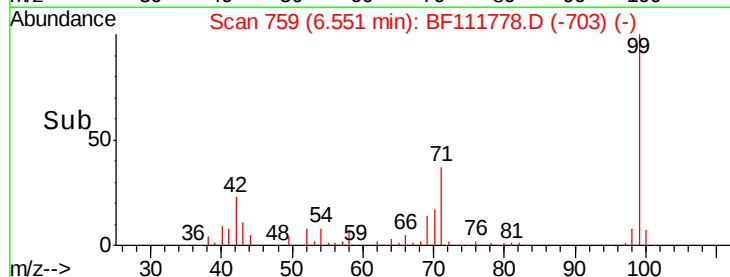
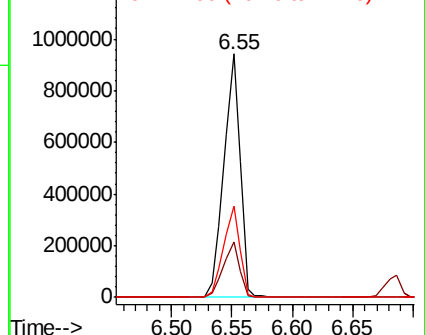
99 100

42 22.9 17.4 26.0

71 37.5 26.1 39.1



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: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111778.D

Acq: 27 Dec 2018 22:21

Tgt Ion: 136 Resp: 417243

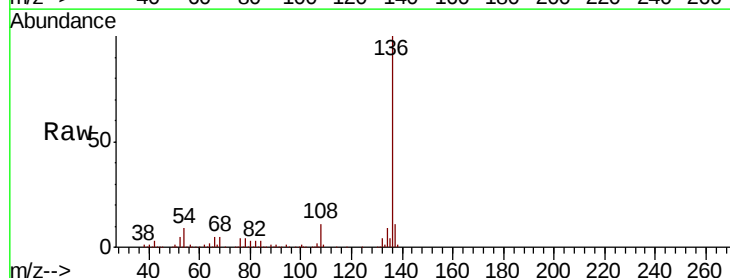
Ion Ratio Lower Upper

136 100

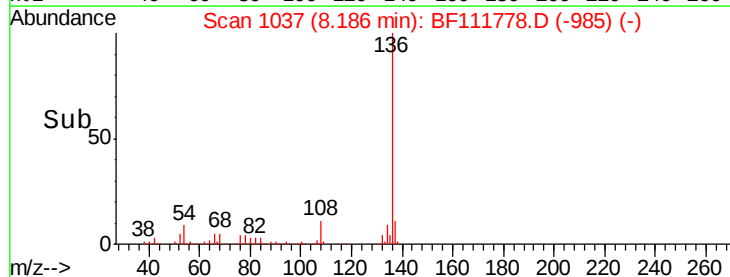
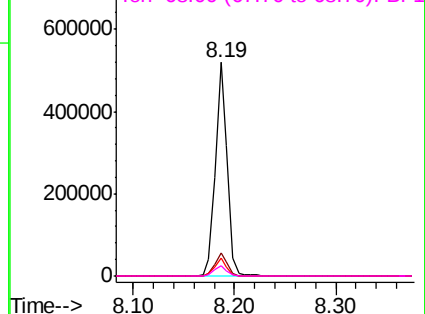
137 10.6 9.1 13.7

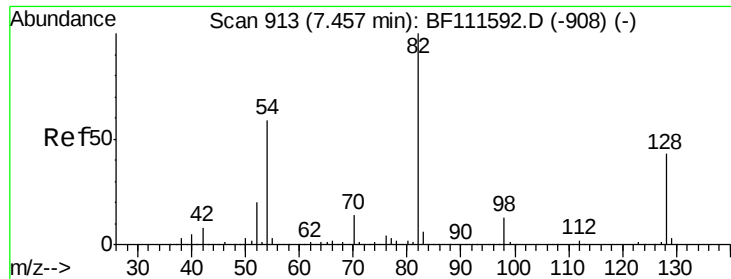
54 8.7 7.7 11.5

68 5.1 4.9 7.3



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

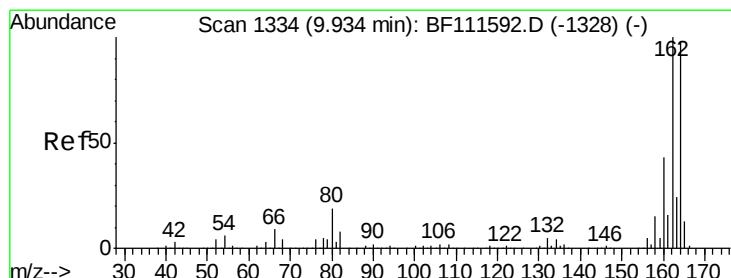
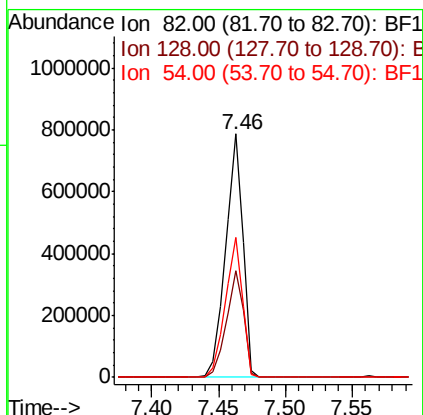
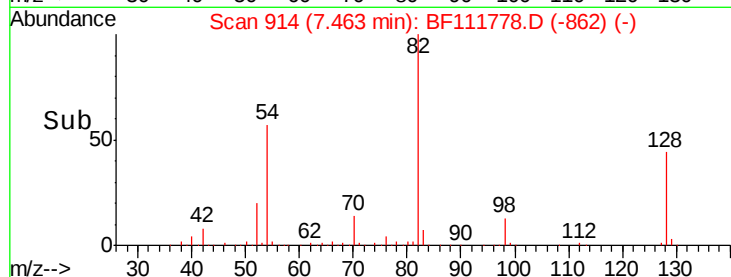
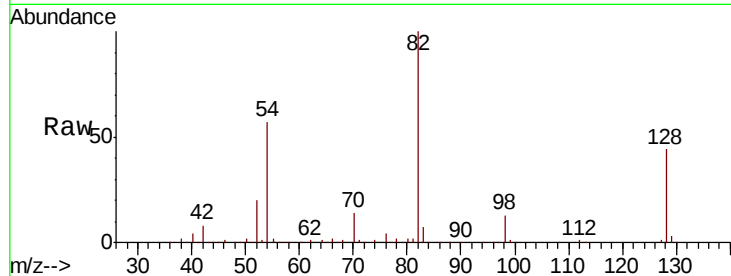




#23
 Nitrobenzene-d5
 Concen: 100.895 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111778.D
 Acq: 27 Dec 2018 22:21

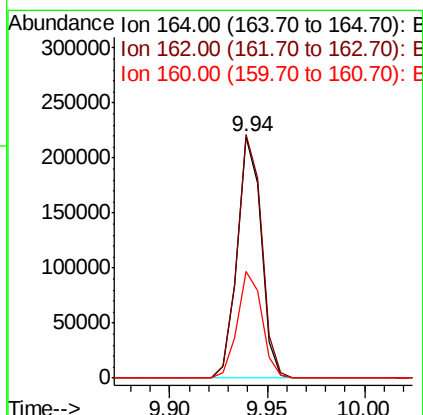
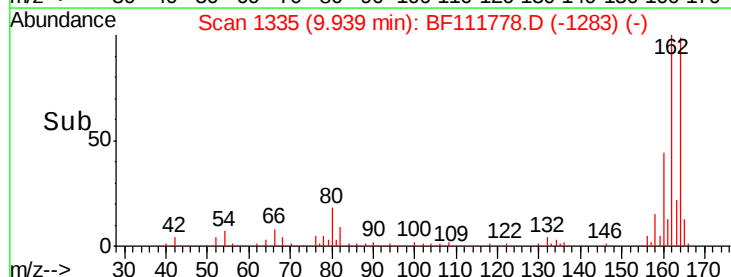
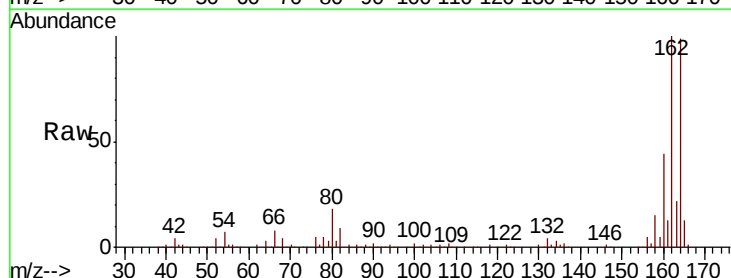
Instrument :
 BNA_F
 ClientSampleId :
 OR-01-122618-A

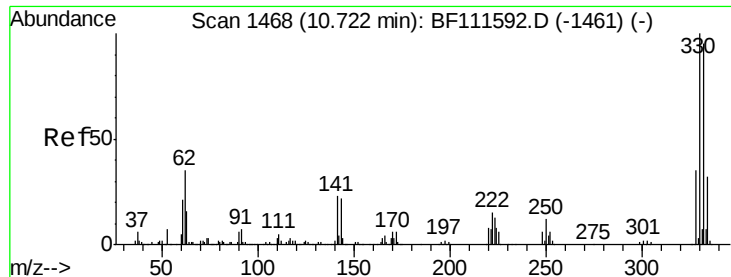
Tot Ion: 82 Resp: 723231
 Ion Ratio Lower Upper
 82 100
 128 43.6 37.4 56.2
 54 57.3 47.6 71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111778.D
 Acq: 27 Dec 2018 22:21

Tgt Ion:164 Resp: 186739
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.4 122.0
 160 43.9 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 125.657 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111778.D

Acq: 27 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

OR-01-122618-A

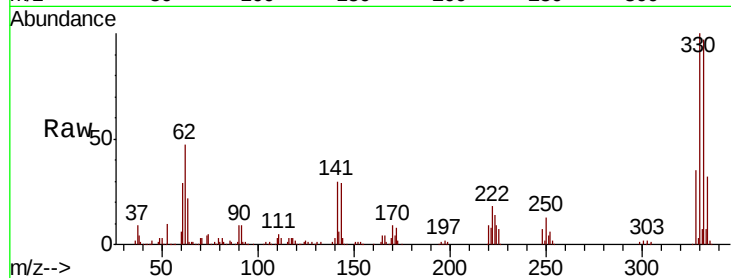
Tot Ion:330 Resp: 277258

Ion Ratio Lower Upper

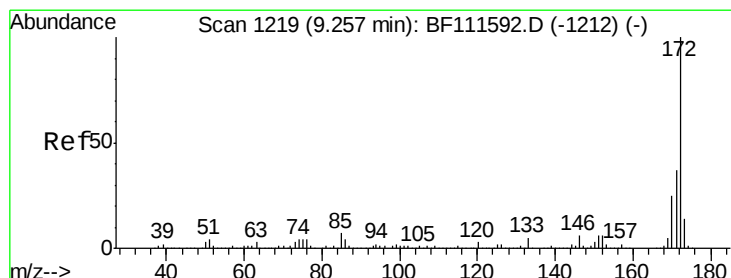
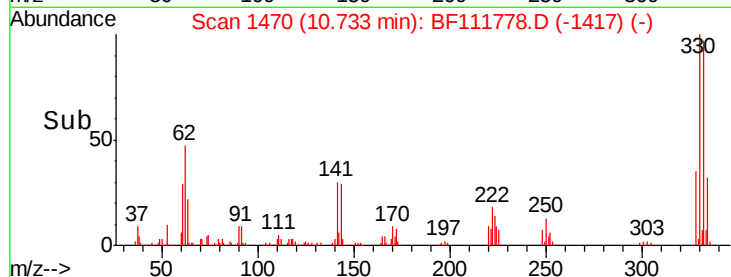
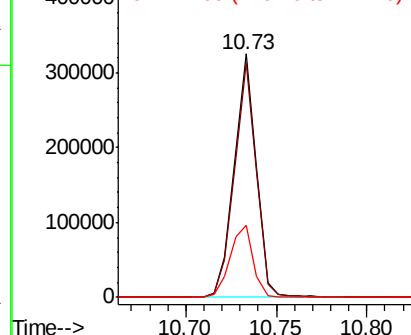
330 100

332 96.2 76.0 114.0

141 31.0 31.0 46.6#



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: 99.544 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF111778.D

Acq: 27 Dec 2018 22:21

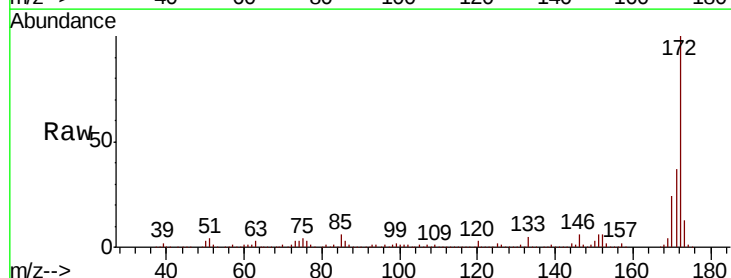
Tgt Ion:172 Resp: 1275323

Ion Ratio Lower Upper

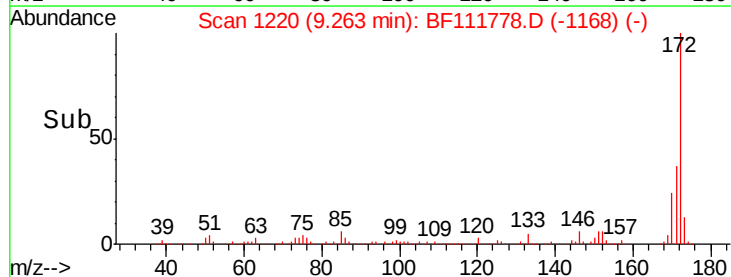
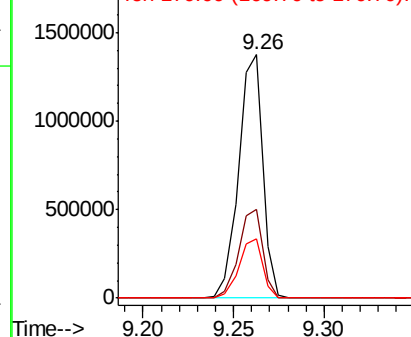
172 100

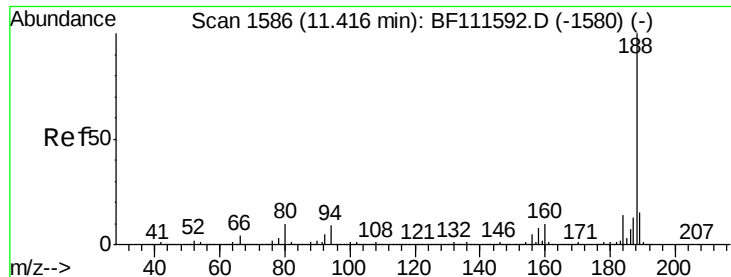
171 36.5 33.0 49.4

170 24.2 22.3 33.5



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

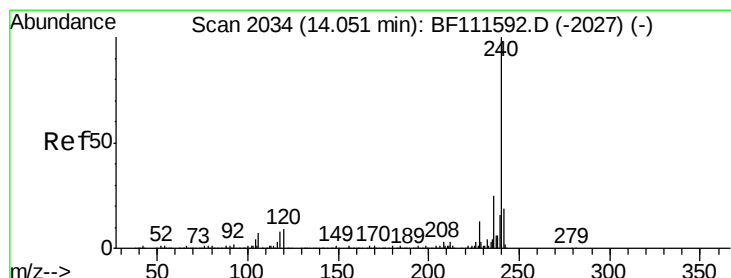
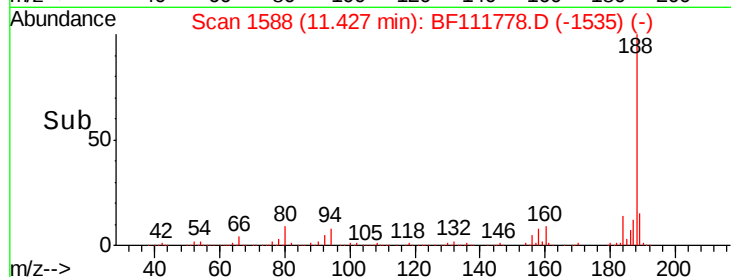
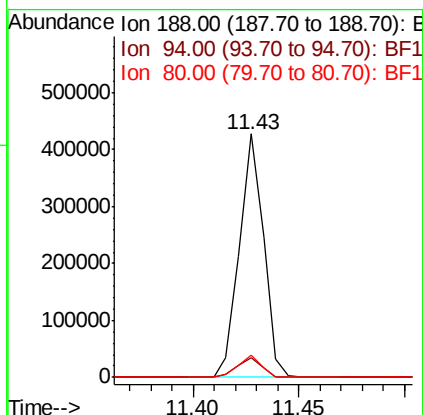
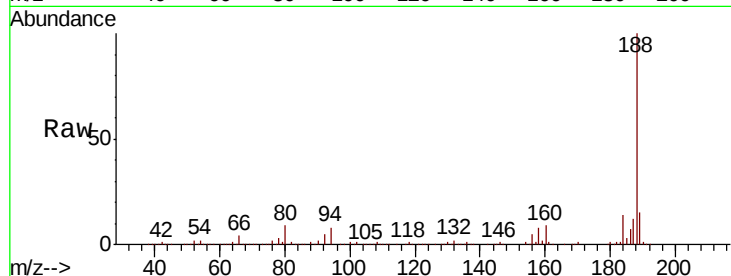




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111778.D
Acq: 27 Dec 2018 22:21

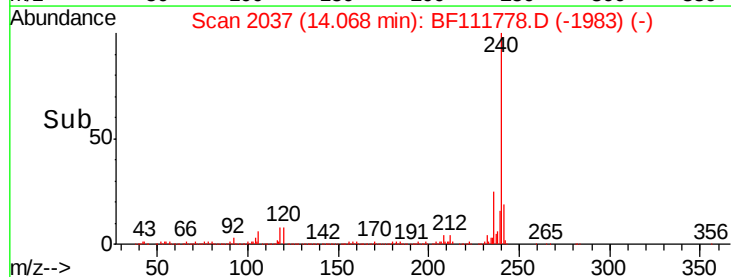
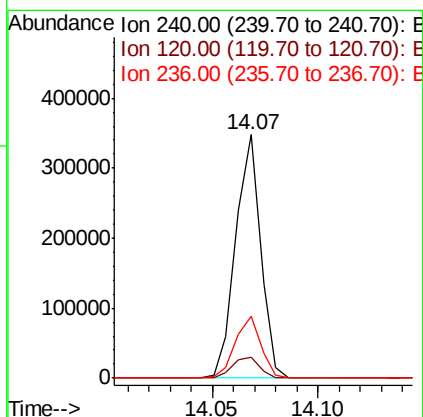
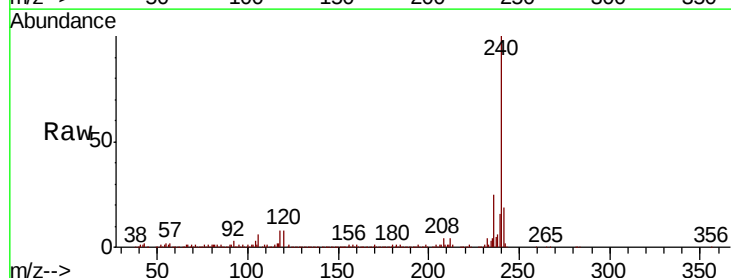
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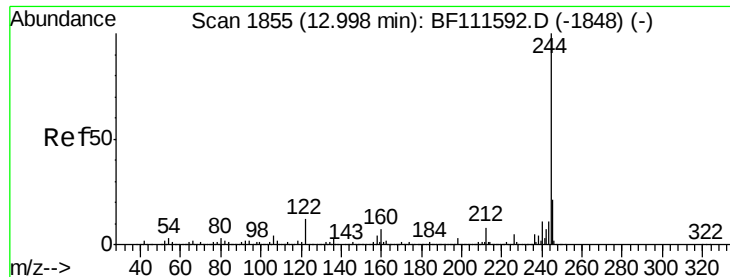
Tot Ion:188 Resp: 339365
Ion Ratio Lower Upper
188 100
94 8.2 9.6 14.4#
80 9.0 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111778.D
Acq: 27 Dec 2018 22:21

Tgt Ion:240 Resp: 284230
Ion Ratio Lower Upper
240 100
120 8.4 12.2 18.2#
236 25.3 20.2 30.2





#79

Terphenyl-d14

Concen: 91.533 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111778.D

Acq: 27 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

OR-01-122618-A

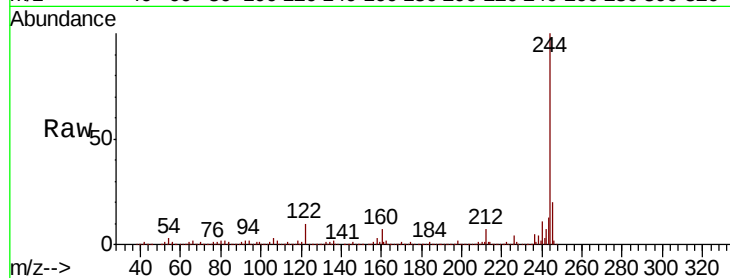
Tot Ion:244 Resp: 1371872

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

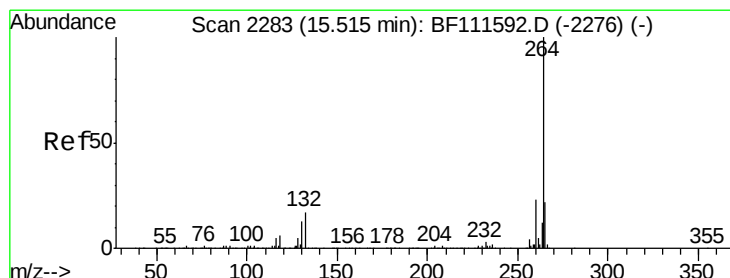
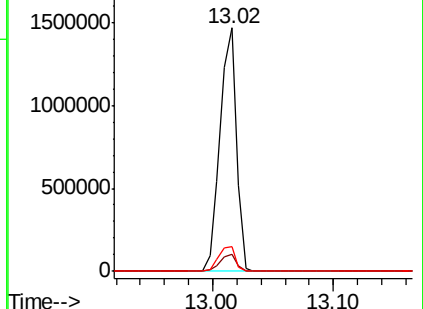
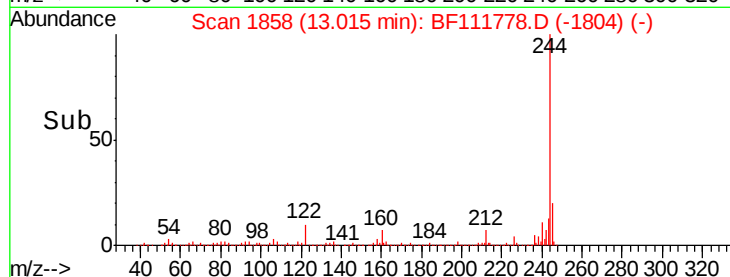
122 10.0 13.1 19.7#



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: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111778.D

Acq: 27 Dec 2018 22:21

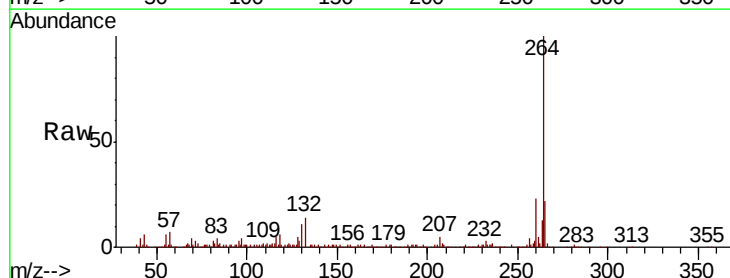
Tgt Ion:264 Resp: 206344

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 22.4 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

