

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112132.D
 Acq On : 18 Jan 2019 18:47
 Operator : JU/SJ
 Sample : K1011-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-A

Quant Time: Jan 19 00:24:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	283930	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1058457	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	509779	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	872667	20.00	ng	0.00
76) Chrysene-d12	14.02	240	645734	20.00	ng	0.00
87) Perylene-d12	15.49	264	624275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1700539	108.71	ng	0.01
7) Phenol-d6	6.50	99	1935372	98.88	ng	0.00
23) Nitrobenzene-d5	7.42	82	1495871	97.64	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	694785	126.34	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2820256	81.11	ng	0.00
79) Terphenyl-d14	12.97	244	2474021	81.51	ng	0.00

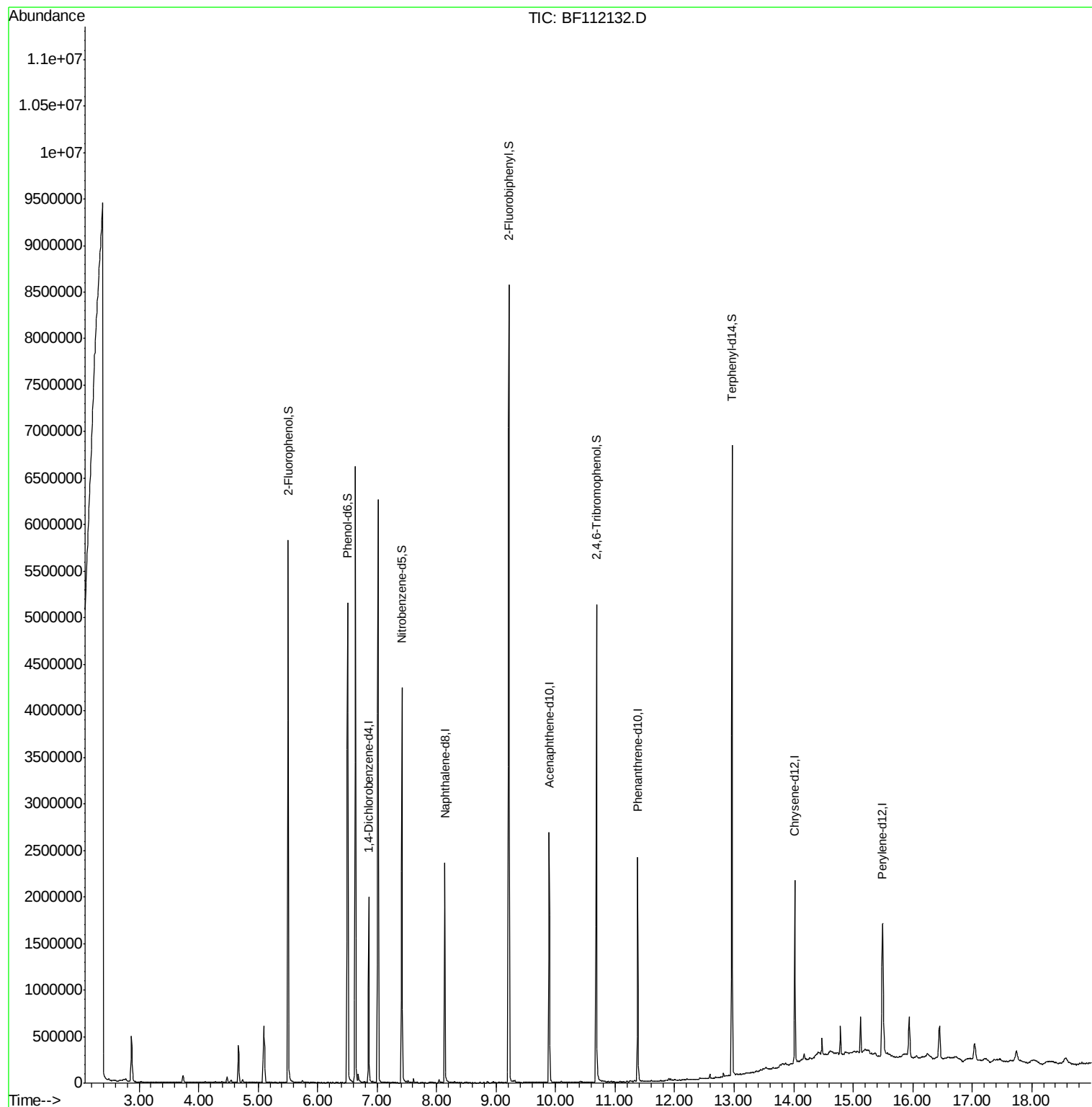
Target Compounds Qvalue

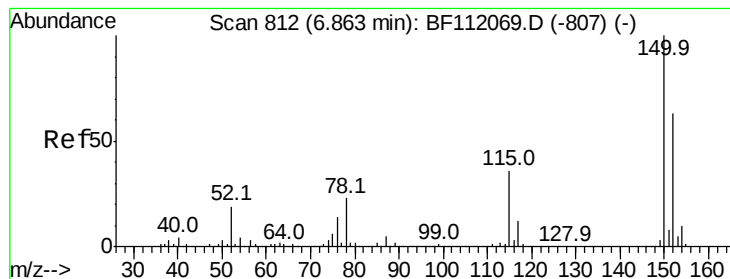
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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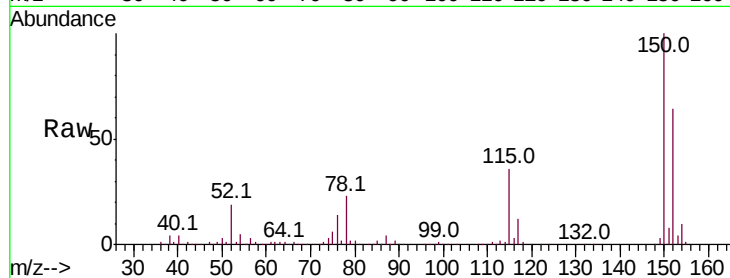


#1

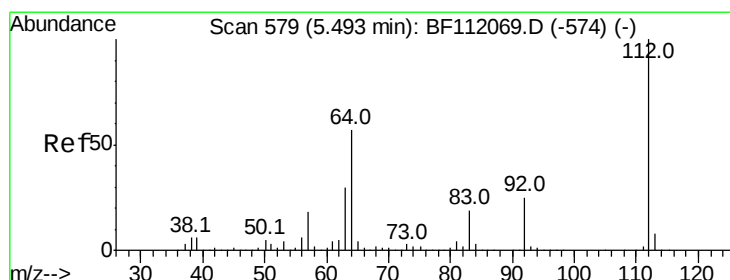
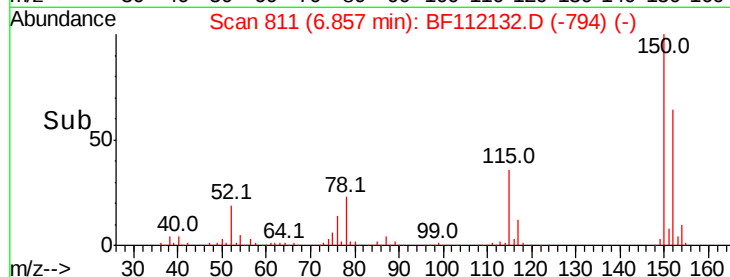
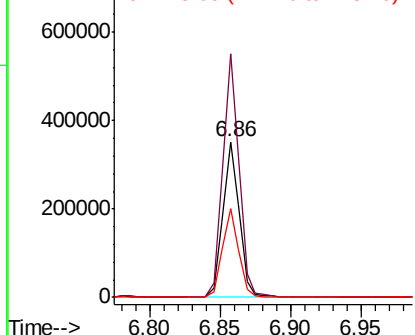
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF112132.D
 Acq: 18 Jan 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-A

Tot Ion:152 Resp: 283930
 Ion Ratio Lower Upper
 152 100
 150 156.8 127.4 191.0
 115 57.0 45.5 68.3



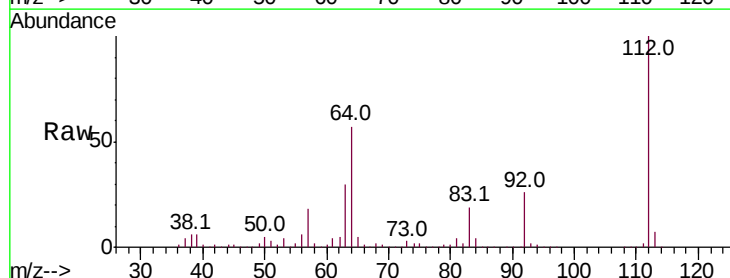
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



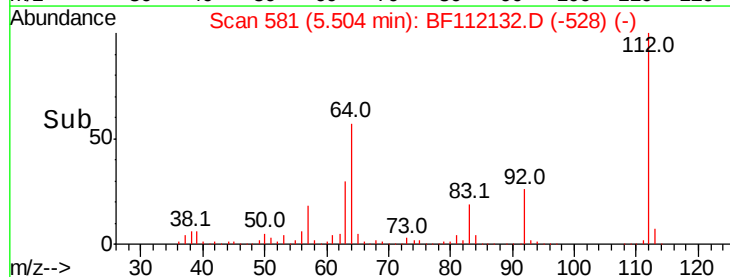
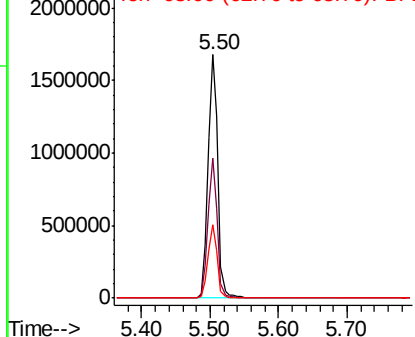
#5

2-Fluorophenol
 Concen: 108.708 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF112132.D
 Acq: 18 Jan 2019 18:47

Tgt Ion:112 Resp: 1700539
 Ion Ratio Lower Upper
 112 100
 64 57.3 45.7 68.5
 63 30.4 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: 98.885 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112132.D

Acq: 18 Jan 2019 18:47

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-A

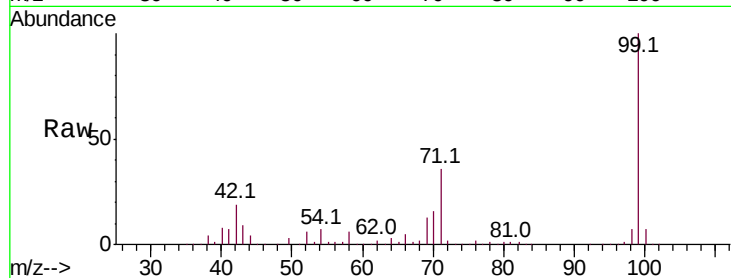
Tot Ion: 99 Resp: 1935372

Ion Ratio Lower Upper

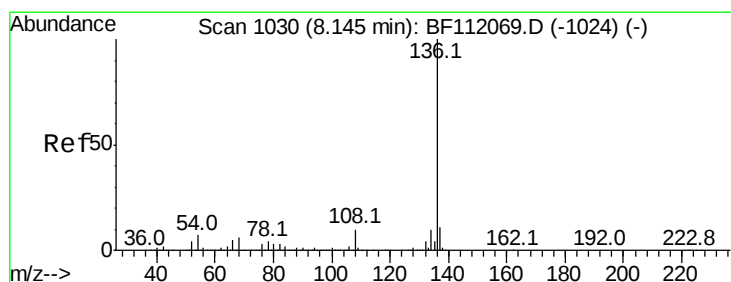
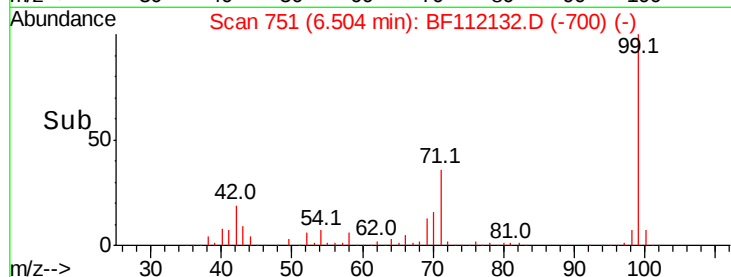
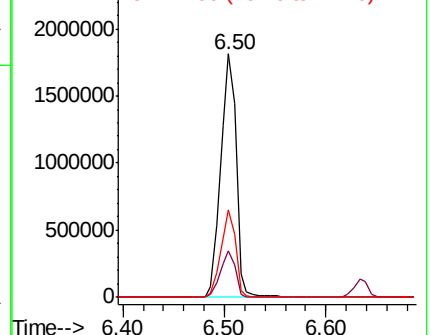
99 100

42 19.2 15.1 22.7

71 35.9 26.9 40.3



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: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF112132.D

Acq: 18 Jan 2019 18:47

Tgt Ion: 136 Resp: 1058457

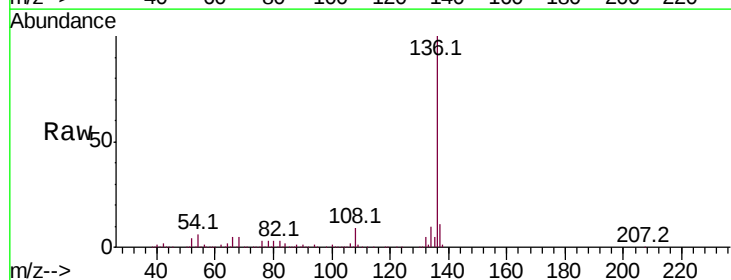
Ion Ratio Lower Upper

136 100

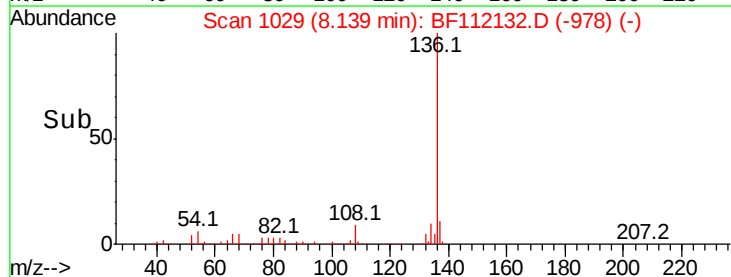
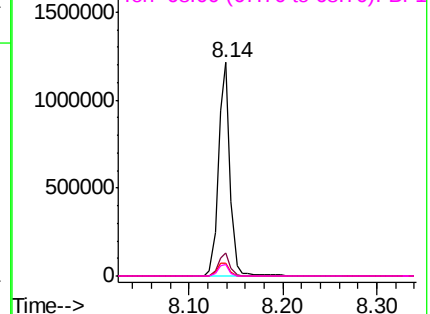
137 10.8 9.1 13.7

54 6.3 5.9 8.9

68 5.4 5.1 7.7



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

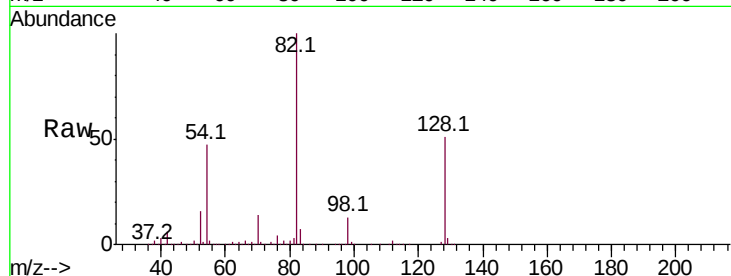




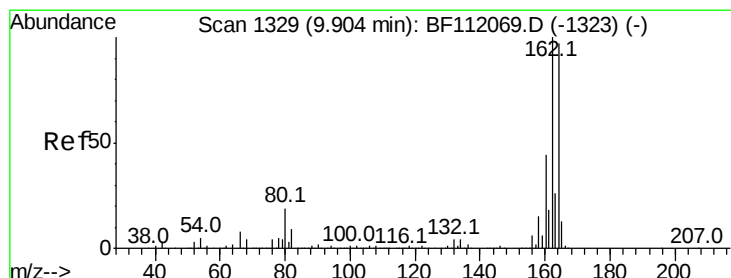
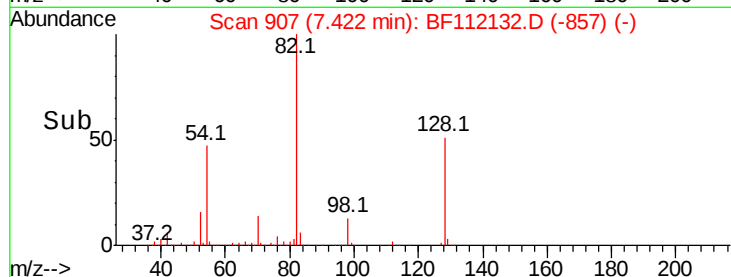
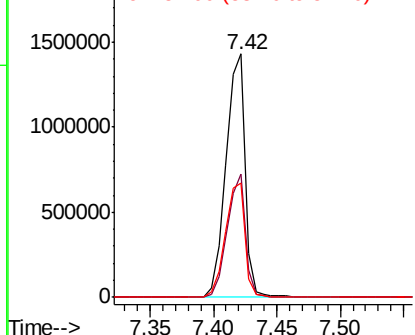
#23
 Nitrobenzene-d5
 Concen: 97.640 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112132.D
 Acq: 18 Jan 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-A

Tot Ion: 82 Resp: 1495871
 Ion Ratio Lower Upper
 82 100
 128 50.9 37.8 56.8
 54 47.1 39.7 59.5

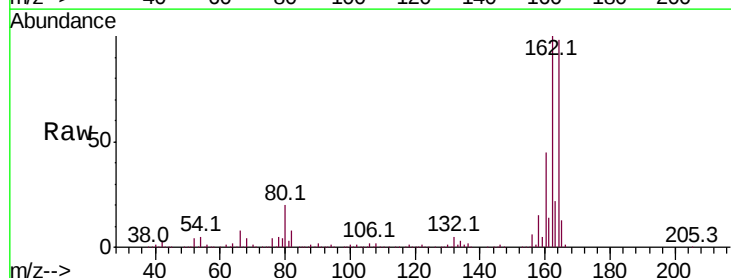


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

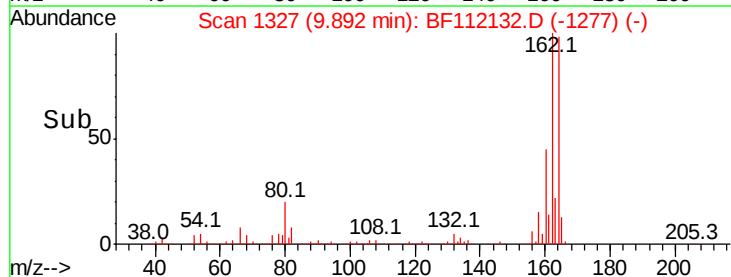
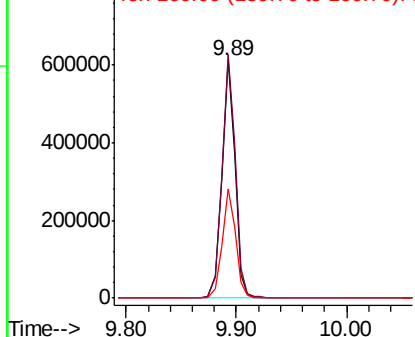


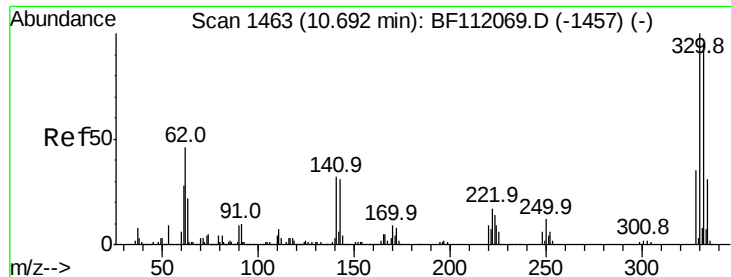
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF112132.D
 Acq: 18 Jan 2019 18:47

Tgt Ion: 164 Resp: 509779
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.2 123.4
 160 45.6 36.2 54.4



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

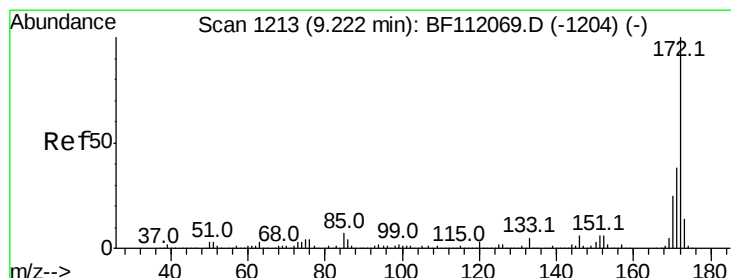
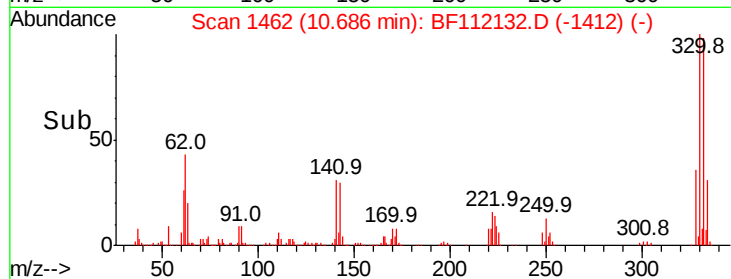
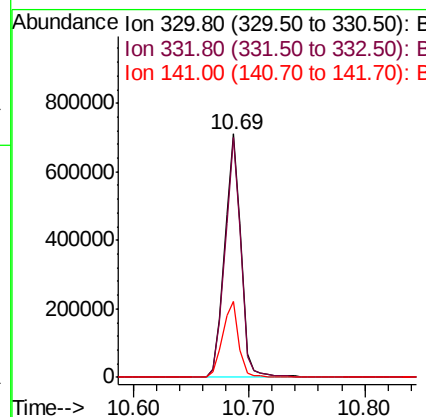
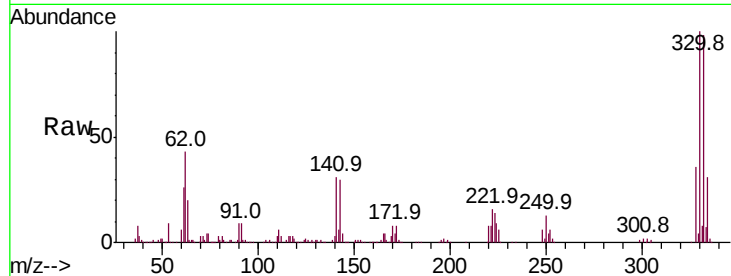




#42
 2,4,6-Tribromophenol
 Concen: 126.338 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112132.D
 Acq: 18 Jan 2019 18:47

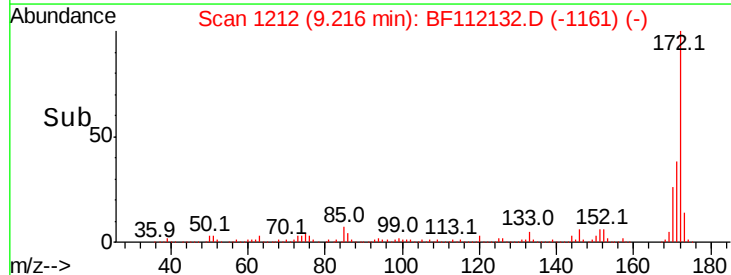
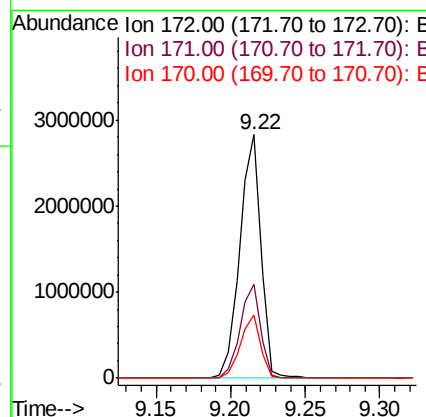
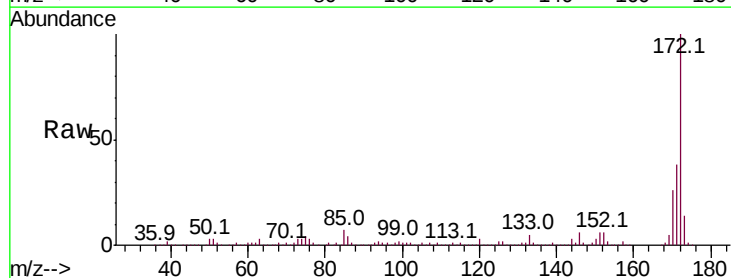
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-A

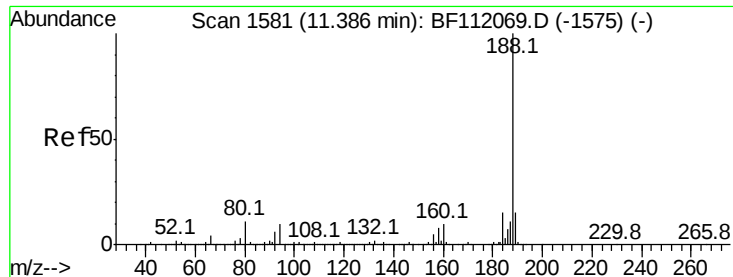
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	31.2	24.3	36.5



#45
 2-Fluorobiphenyl
 Concen: 81.110 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF112132.D
 Acq: 18 Jan 2019 18:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.5	45.7
170	25.7	20.2	30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF112132.D

Acq: 18 Jan 2019 18:47

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-A

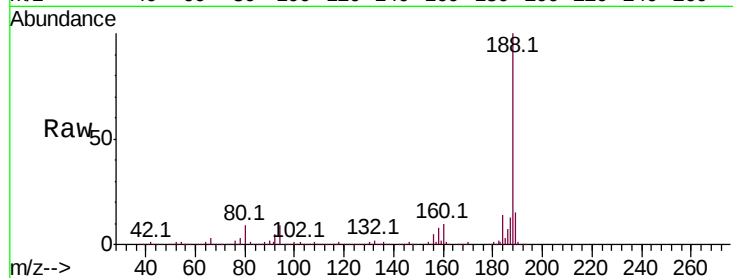
Tot Ion:188 Resp: 872667

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

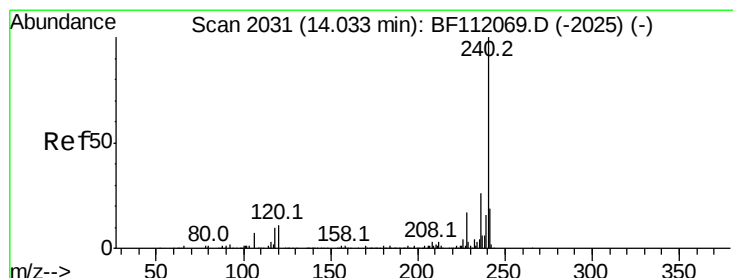
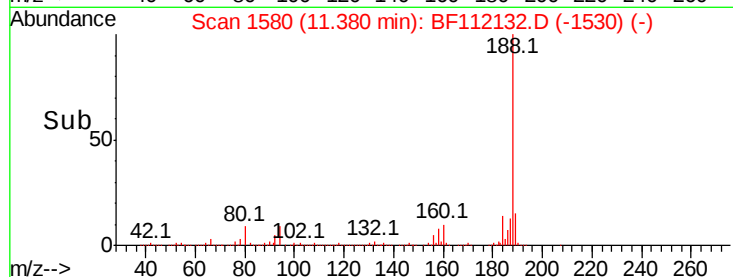
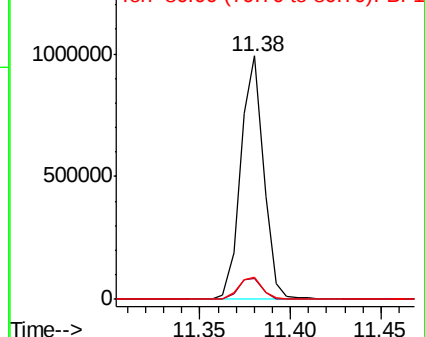
80 9.1 8.9 13.3



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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF112132.D

Acq: 18 Jan 2019 18:47

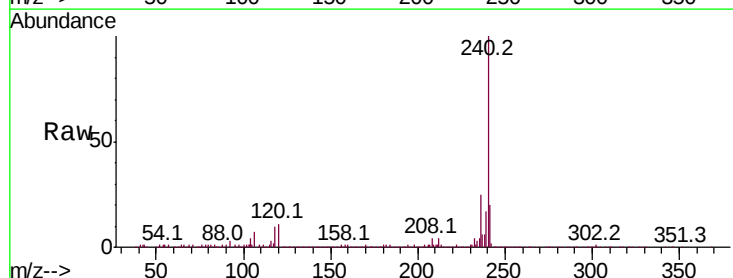
Tgt Ion:240 Resp: 645734

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.6

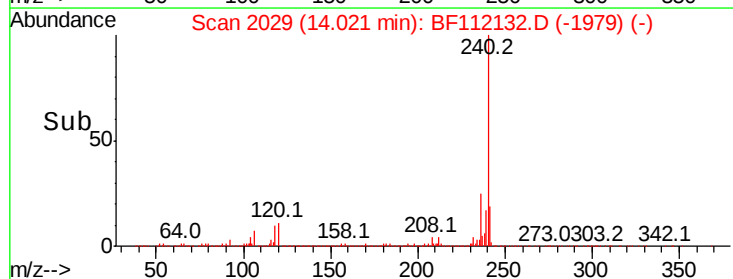
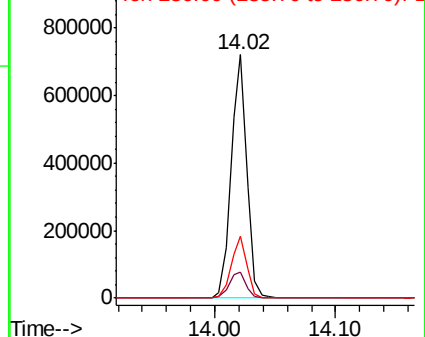
236 25.2 20.7 31.1

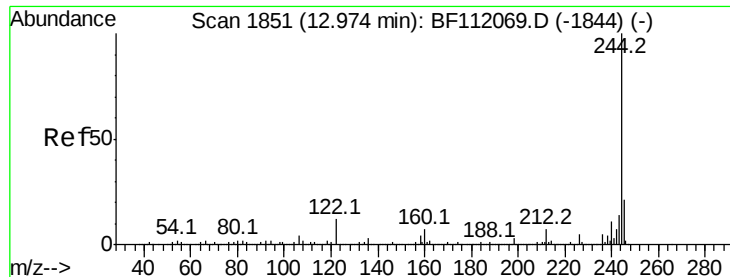


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.507 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF112132.D

Acq: 18 Jan 2019 18:47

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-A

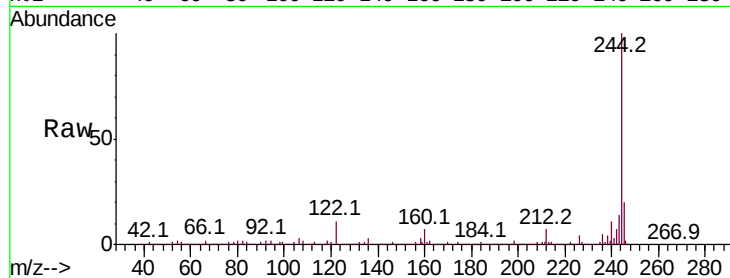
Tot Ion:244 Resp: 2474021

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

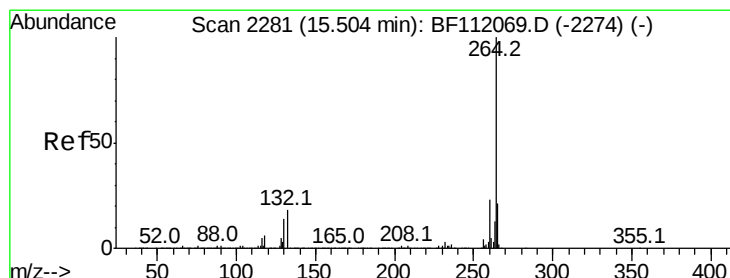
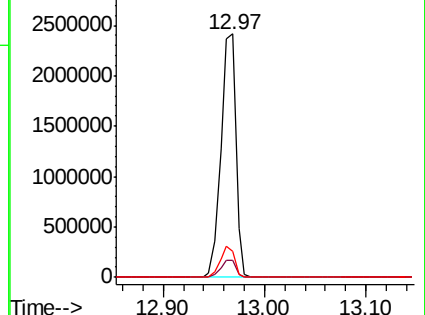
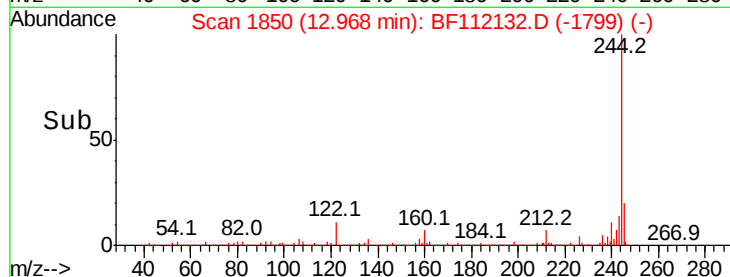
122 10.5 9.8 14.6



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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112132.D

Acq: 18 Jan 2019 18:47

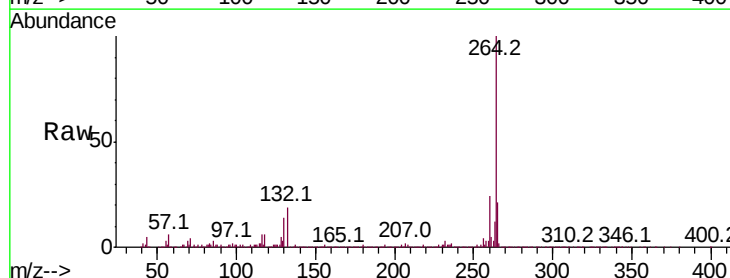
Tgt Ion:264 Resp: 624275

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

265 21.4 17.0 25.4



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

