

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112176.D
 Acq On : 22 Jan 2019 00:20
 Operator : JU/SJ
 Sample : K1206-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 011819-DBRI-E-U-M

Quant Time: Jan 22 01:34:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

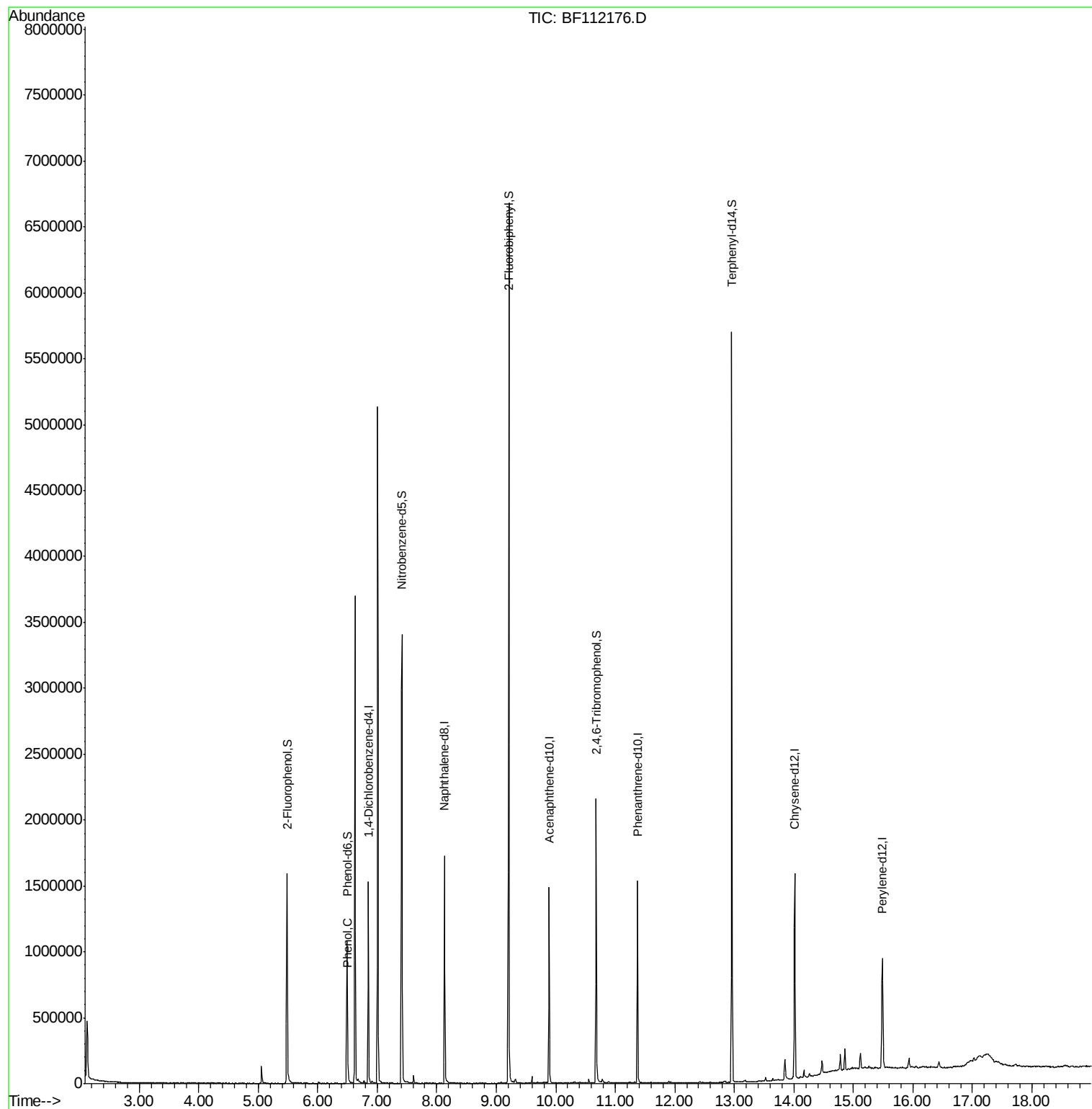
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	218691	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	733116	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	295729	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	534810	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	505024	20.00	ng	-0.01
87) Perylene-d12	15.49	264	364327	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	507293	42.10	ng	0.00
7) Phenol-d6	6.49	99	367643	24.39	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1156206	108.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	290098	90.93	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1992007	98.76	ng	0.00
79) Terphenyl-d14	12.96	244	1973888	83.15	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	50827	3.085	ng	Qvalue # 74

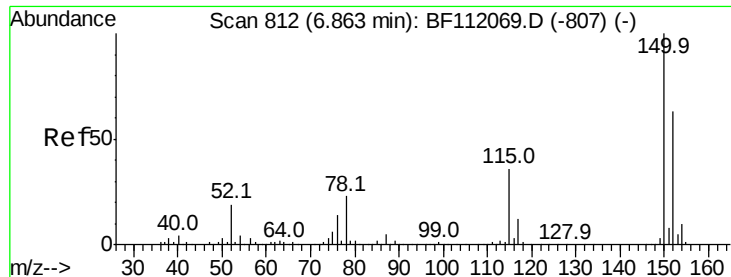
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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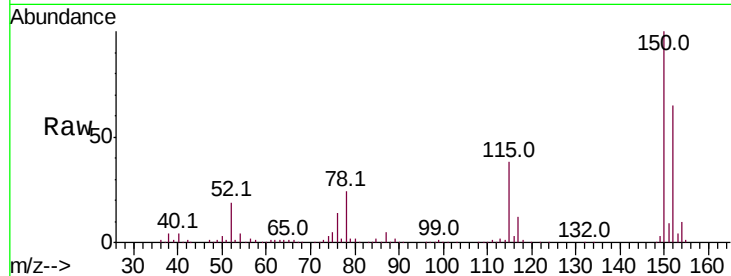


#1

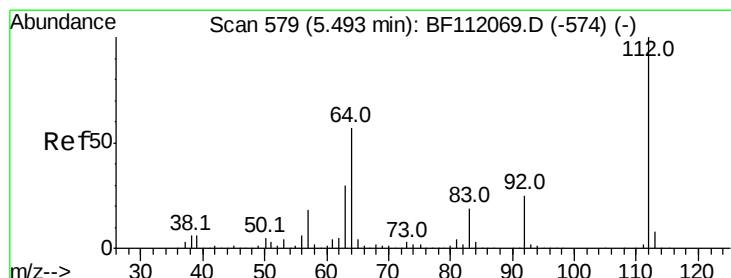
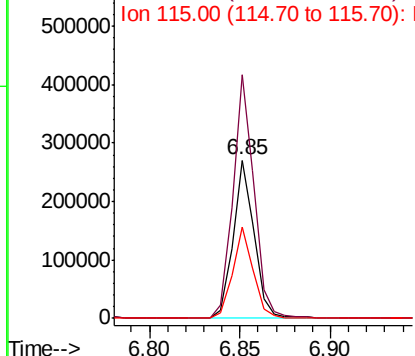
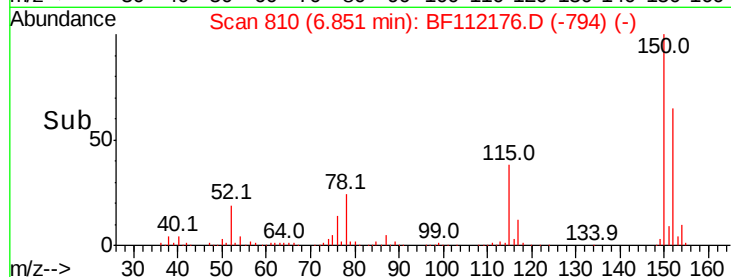
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112176.D
Acq: 22 Jan 2019 00:20

Instrument :
BNA_F
ClientSampleId :
011819-DBRI-E-U-M

Tot Ion:152 Resp: 218691
Ion Ratio Lower Upper
152 100
150 154.0 127.4 191.0
115 58.1 45.5 68.3



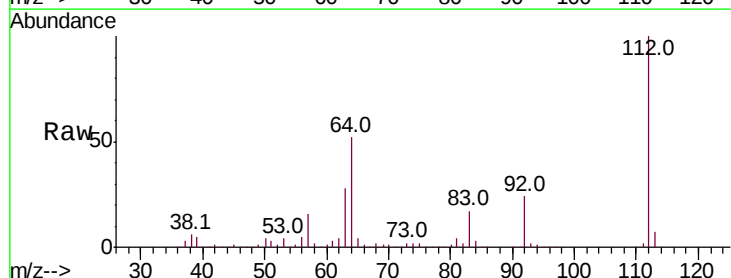
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



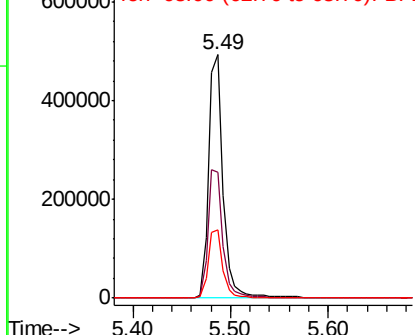
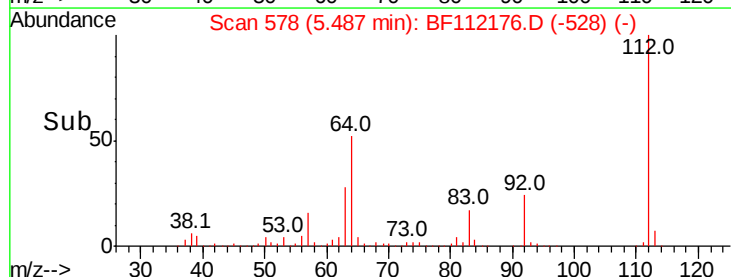
#5

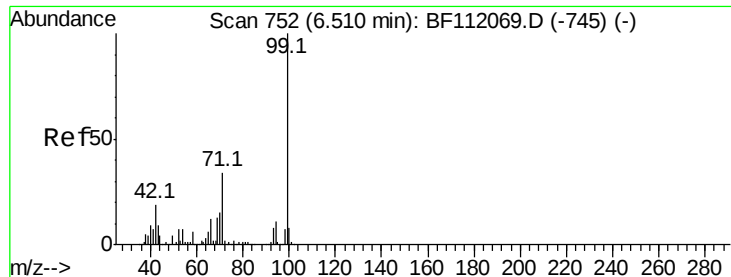
2-Fluorophenol
Concen: 42.103 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112176.D
Acq: 22 Jan 2019 00:20

Tgt Ion:112 Resp: 507293
Ion Ratio Lower Upper
112 100
64 51.8 45.7 68.5
63 27.8 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: 24.388 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF112176.D

Acq: 22 Jan 2019 00:20

Instrument :

BNA_F

ClientSampleId :

011819-DBRI-E-U-M

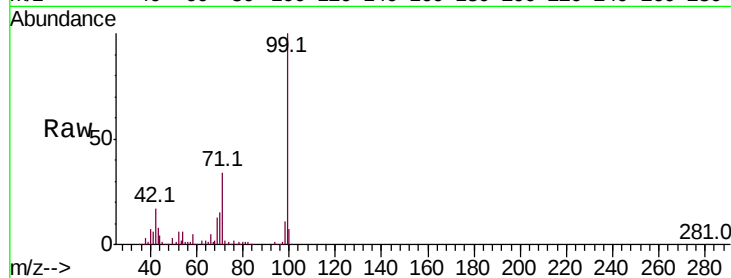
Tot Ion: 99 Resp: 367643

Ion Ratio Lower Upper

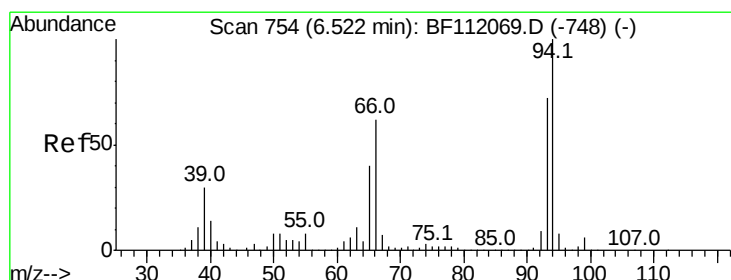
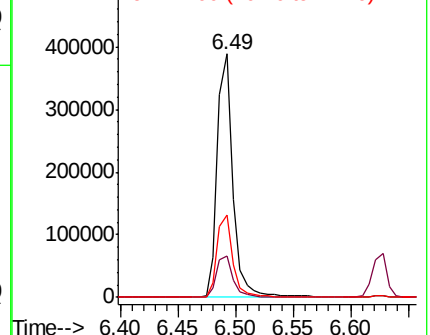
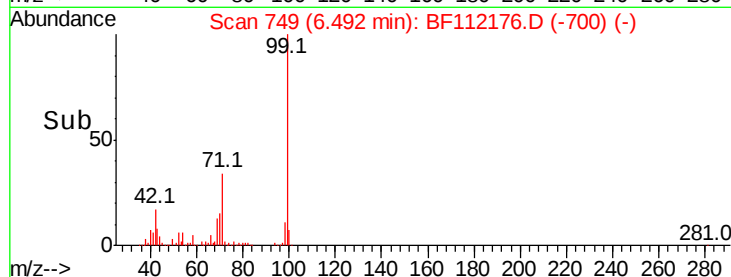
99 100

42 17.2 15.1 22.7

71 34.0 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



#10

Phenol

Concen: 3.085 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF112176.D

Acq: 22 Jan 2019 00:20

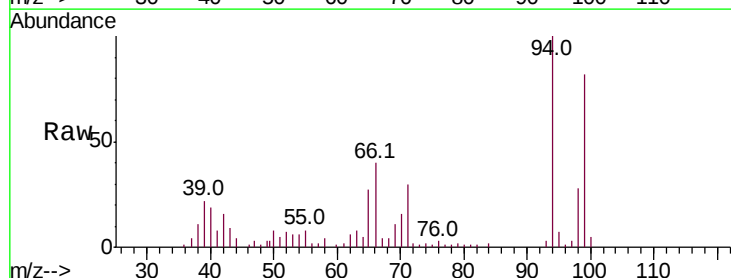
Tgt Ion: 94 Resp: 50827

Ion Ratio Lower Upper

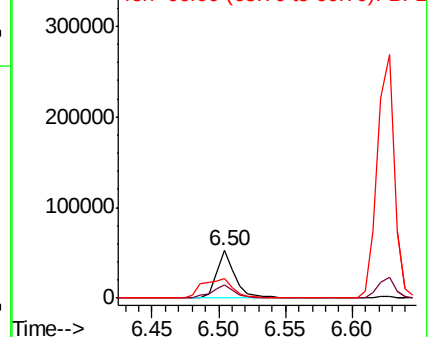
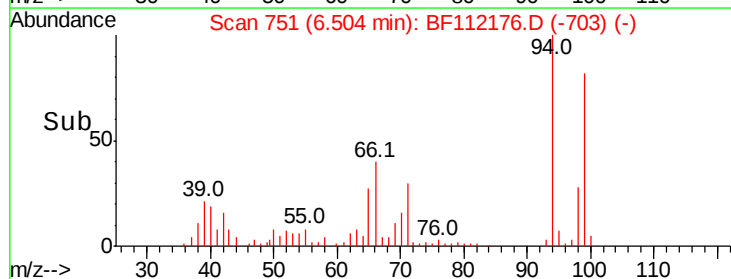
94 100

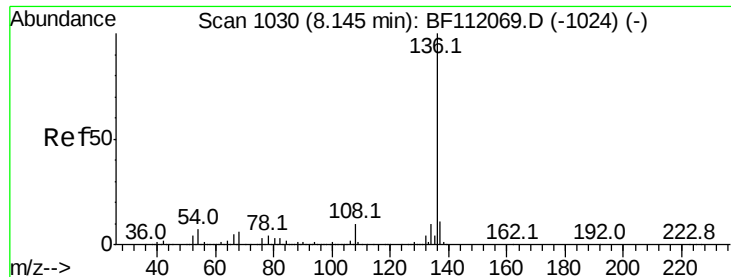
65 26.9 20.3 60.3

66 40.2 42.4 82.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112176.D

Acq: 22 Jan 2019 00:20

Instrument :

BNA_F

ClientSampleId :

011819-DBRI-E-U-M

Tot Ion:136 Resp: 733116

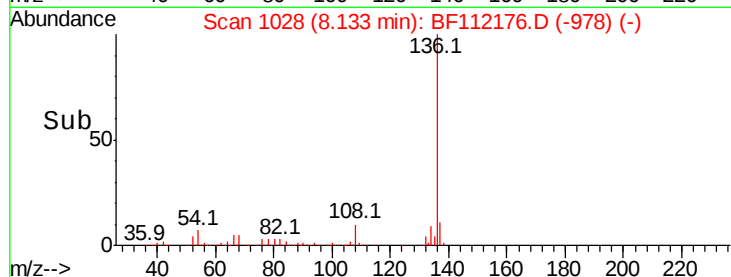
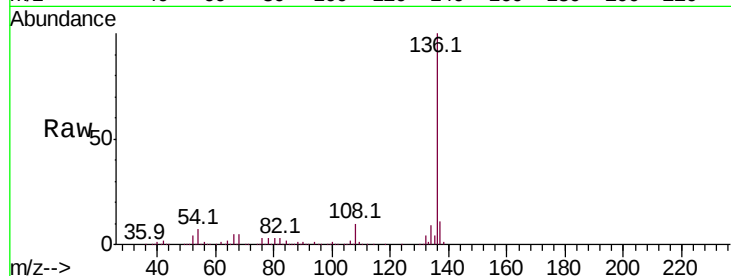
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.5 5.9 8.9

68 5.0 5.1 7.7#

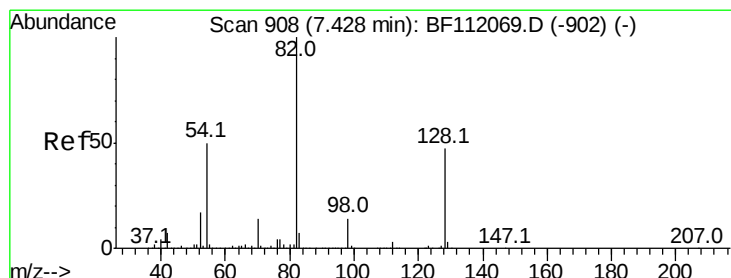
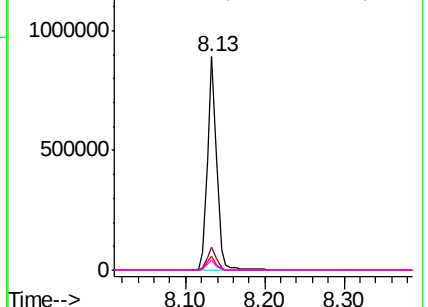


Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.961 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF112176.D

Acq: 22 Jan 2019 00:20

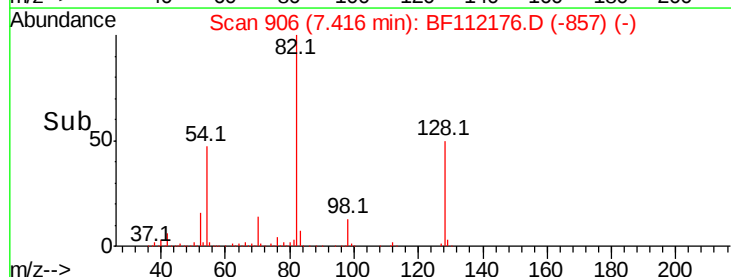
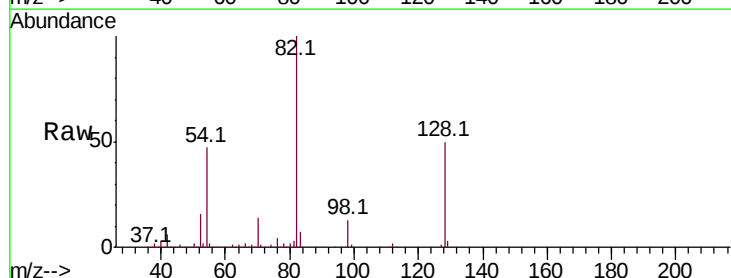
Tgt Ion: 82 Resp: 1156206

Ion Ratio Lower Upper

82 100

128 49.9 37.8 56.8

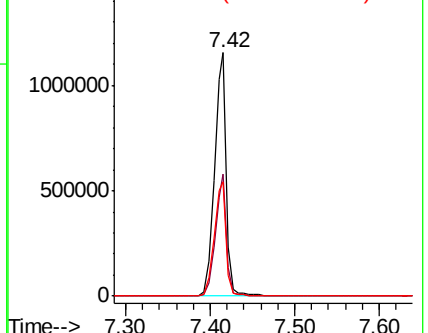
54 46.8 39.7 59.5

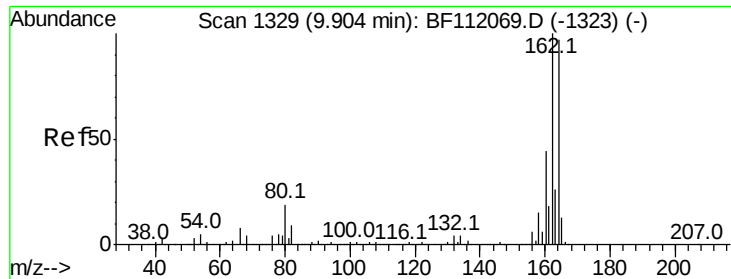


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

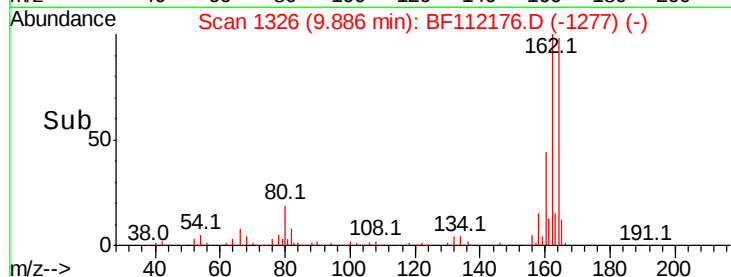
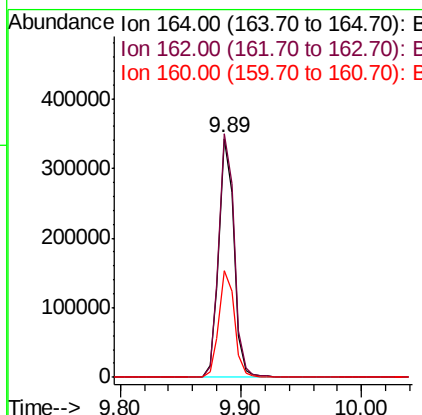
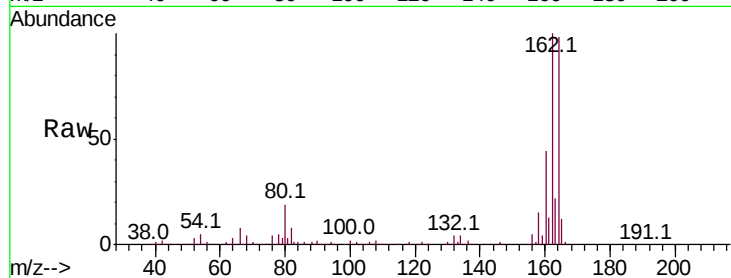




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF112176.D
 Acq: 22 Jan 2019 00:20

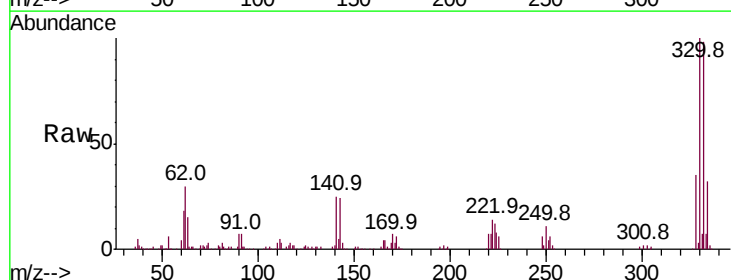
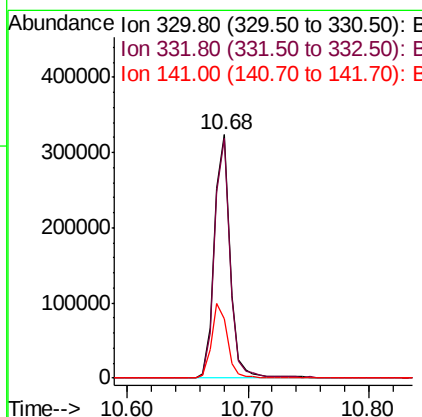
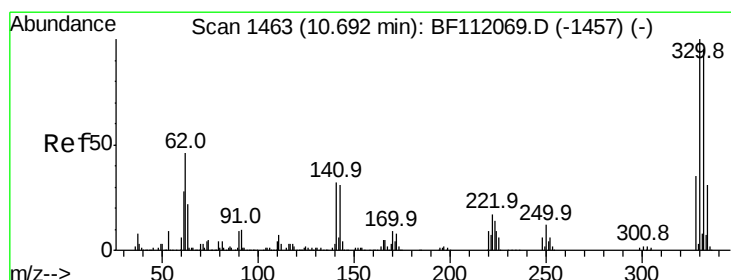
Instrument :
 BNA_F
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 011819-DBRI-E-U-M

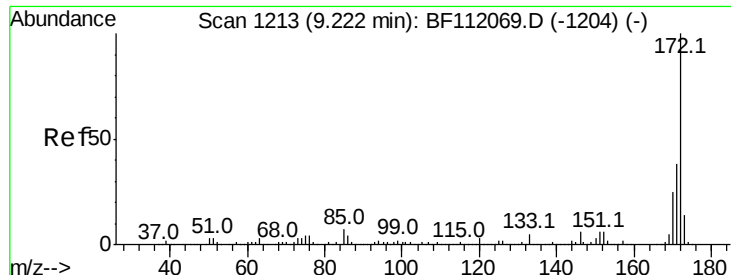
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.2	123.4
160	44.4	36.2	54.4



#42
 2,4,6-Tribromophenol
 Concen: 90.932 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112176.D
 Acq: 22 Jan 2019 00:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	31.4	24.3	36.5



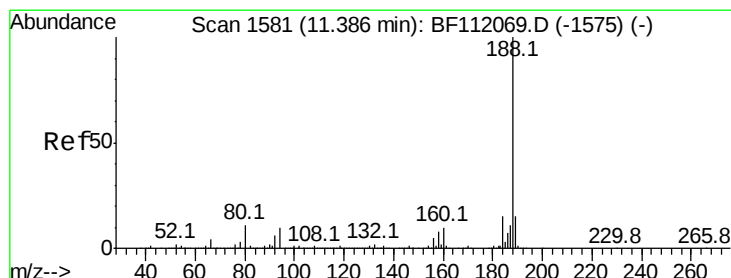
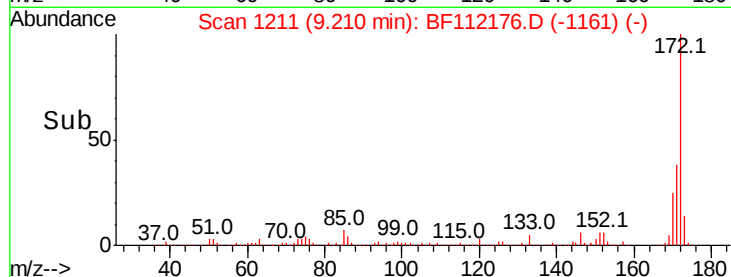
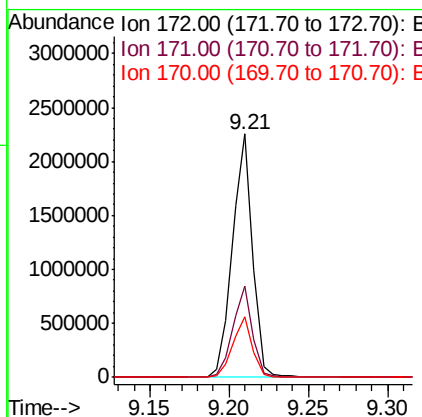
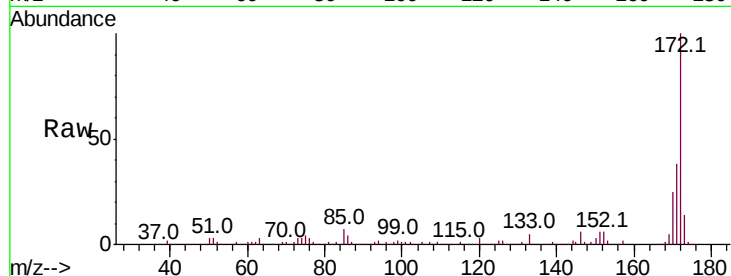


#45
 2-Fluorobiphenyl
 Concen: 98.756 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112176.D
 Acq: 22 Jan 2019 00:20

Instrument :
 BNA_F
 ClientSampleId :
 011819-DBRI-E-U-M

Tot Ion:172 Resp: 1992007

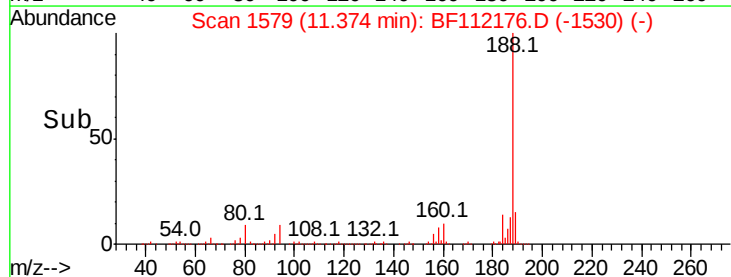
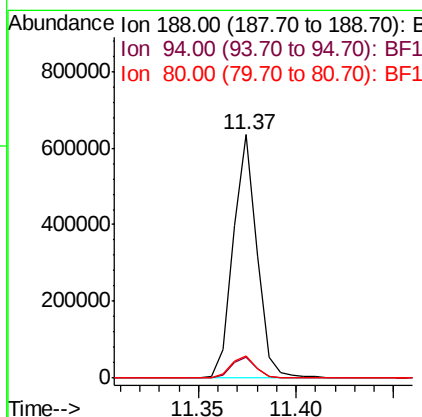
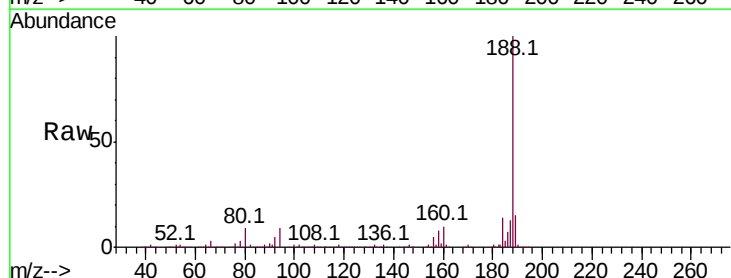
Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	24.8	20.2	30.4

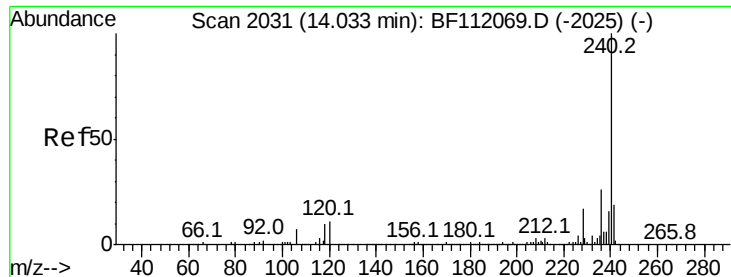


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF112176.D
 Acq: 22 Jan 2019 00:20

Tgt Ion:188 Resp: 534810

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.3	8.9	13.3

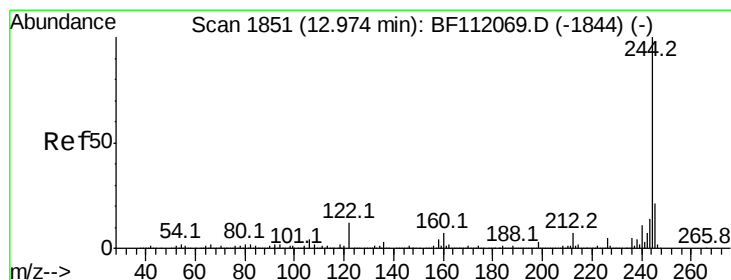
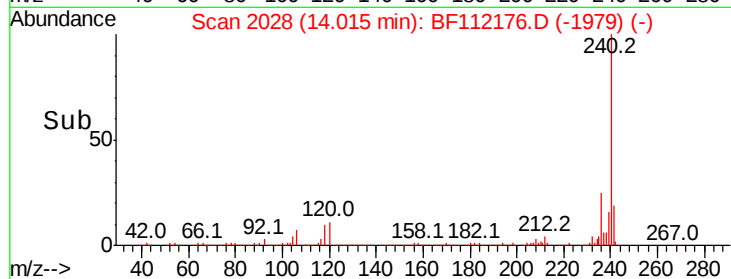
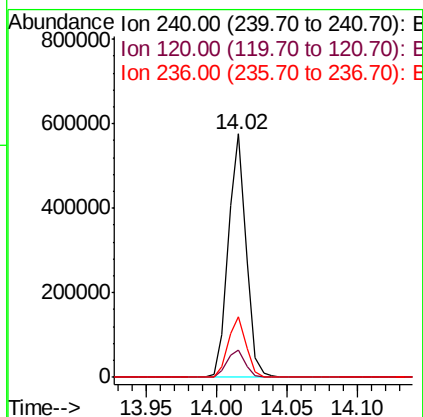
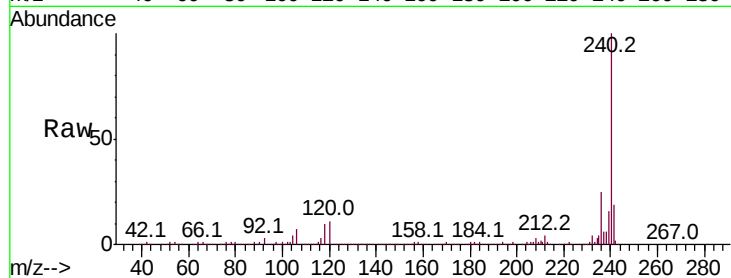




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF112176.D
 Acq: 22 Jan 2019 00:20

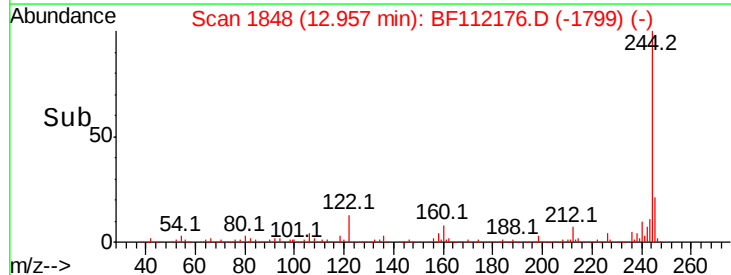
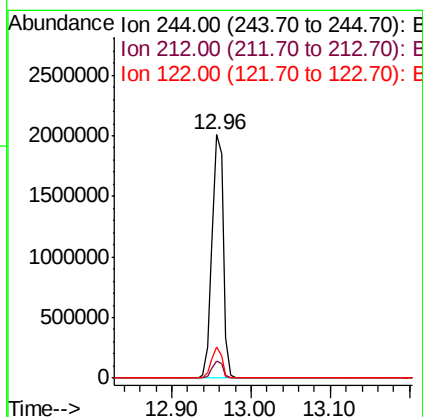
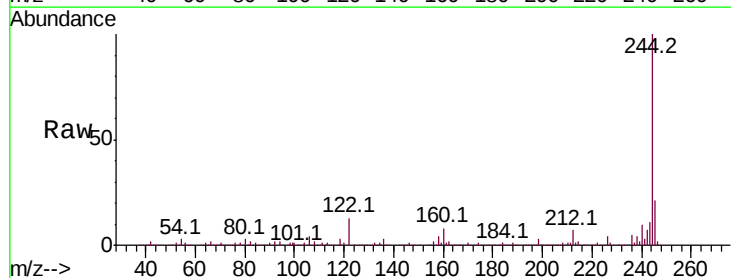
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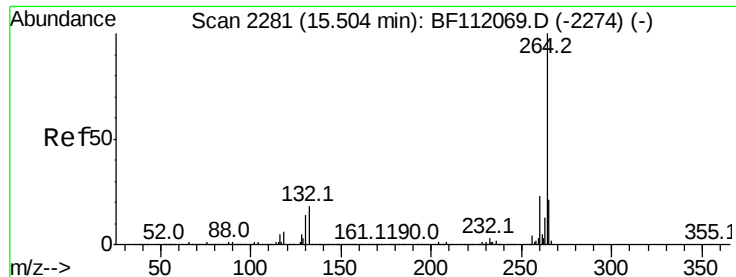
Tot Ion:240 Resp: 505024
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.0 13.6
 236 25.1 20.7 31.1



#79
 Terphenyl-d14
 Concen: 83.149 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF112176.D
 Acq: 22 Jan 2019 00:20

Tgt Ion:244 Resp: 1973888
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.8 9.8 14.6

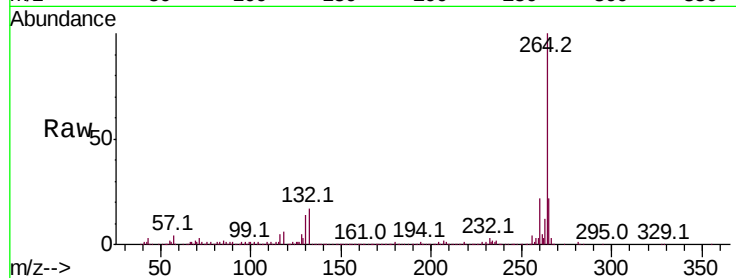




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF112176.D
Acq: 22 Jan 2019 00:20

Instrument :
BNA_F
ClientSampleId :
011819-DBRI-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.2
265	22.3	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

