

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112101.D
 Acq On : 17 Jan 2019 21:30
 Operator : JU/SJ
 Sample : K1164-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 011519-BLST-E-D-M

Quant Time: Jan 18 01:01:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	296058	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1053754	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	458264	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	743214	20.00	ng	0.00
76) Chrysene-d12	14.03	240	648948	20.00	ng	0.00
87) Perylene-d12	15.50	264	517155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	653729	40.08	ng	0.00
7) Phenol-d6	6.50	99	500317	24.52	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1599281	104.86	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	401139	81.14	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2859583	91.49	ng	0.00
79) Terphenyl-d14	12.97	244	2339883	76.71	ng	0.00

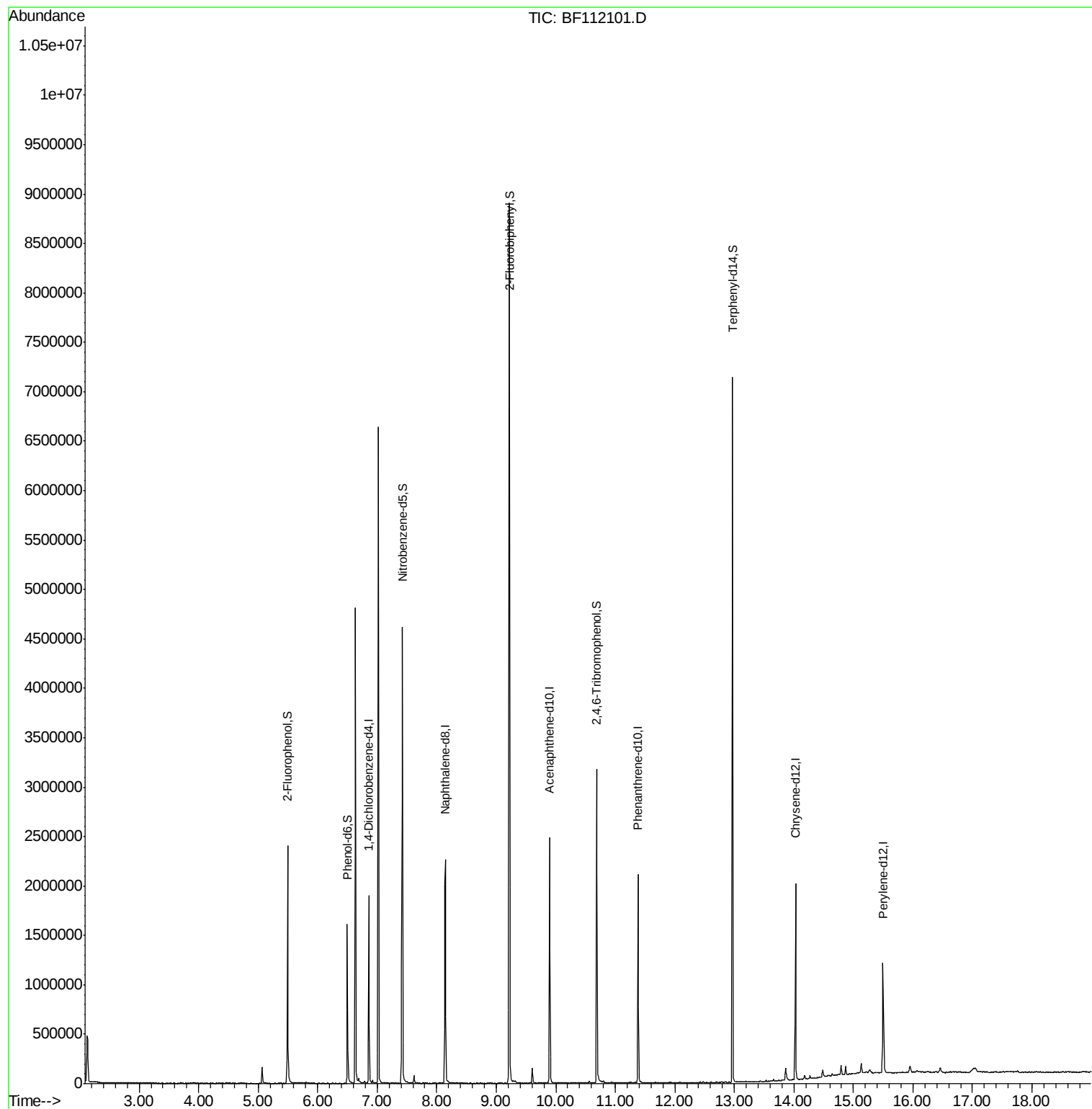
Target Compounds Qvalue

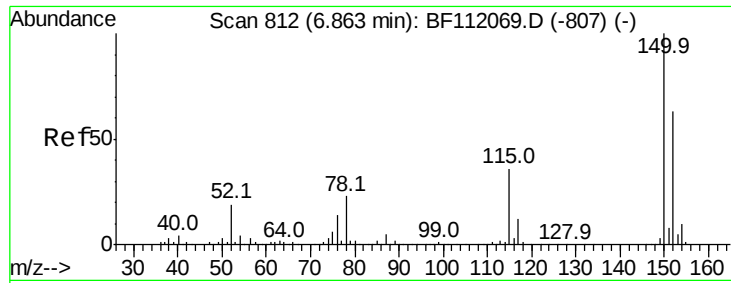
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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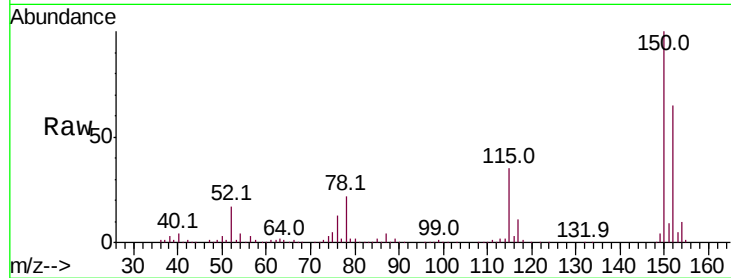


#1

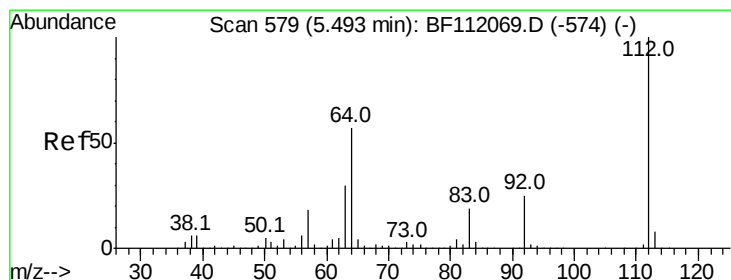
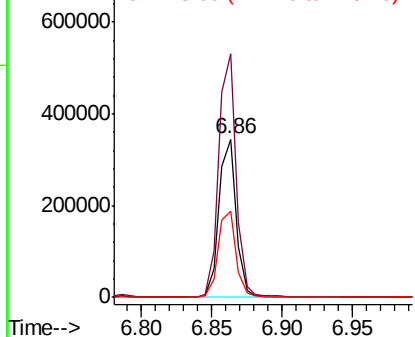
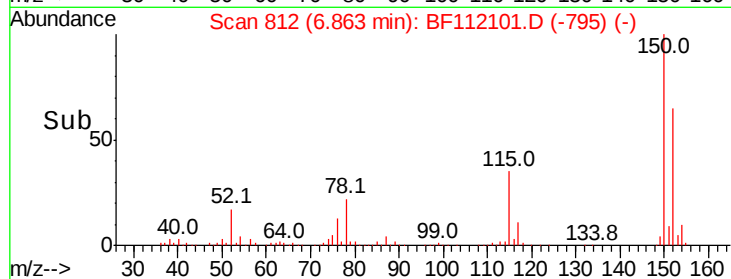
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112101.D
Acq: 17 Jan 2019 21:30

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-D-M

Tot Ion:152 Resp: 296058
Ion Ratio Lower Upper
152 100
150 153.6 127.4 191.0
115 54.0 45.5 68.3



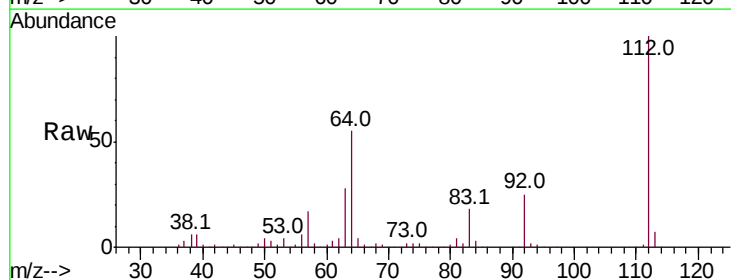
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



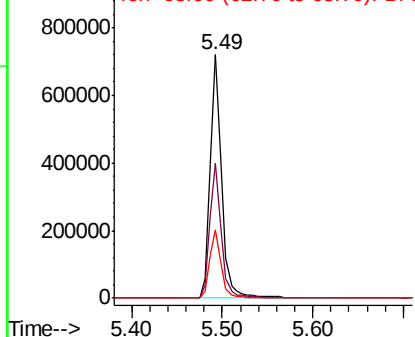
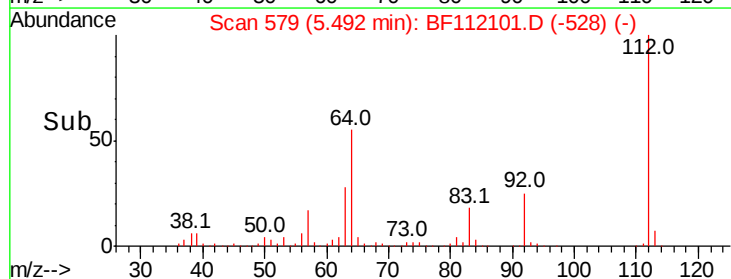
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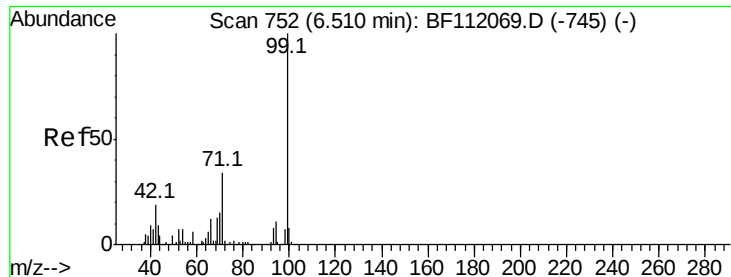
2-Fluorophenol
Concen: 40.078 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF112101.D
Acq: 17 Jan 2019 21:30

Tgt Ion:112 Resp: 653729
Ion Ratio Lower Upper
112 100
64 55.2 45.7 68.5
63 28.2 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: 24.516 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112101.D

Acq: 17 Jan 2019 21:30

Instrument :

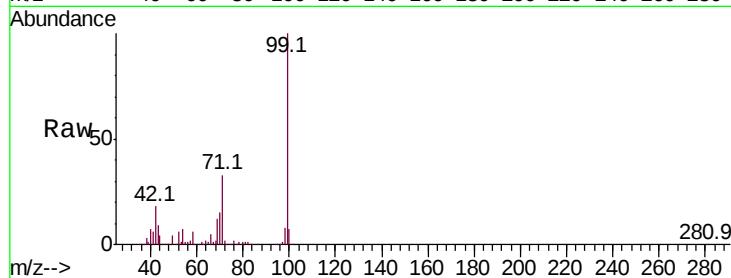
BNA_F

ClientSampleId :

011519-BLST-E-D-M

Tot Ion: 99 Resp: 500317

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.1	22.7
71	32.7	26.9	40.3

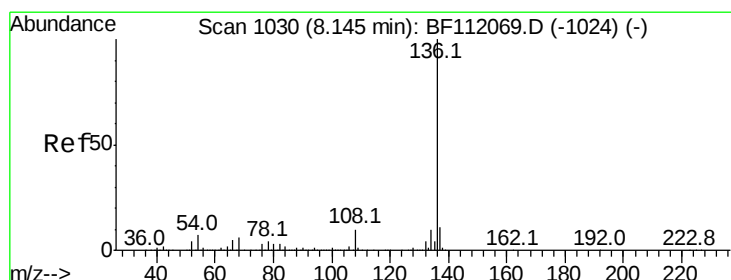
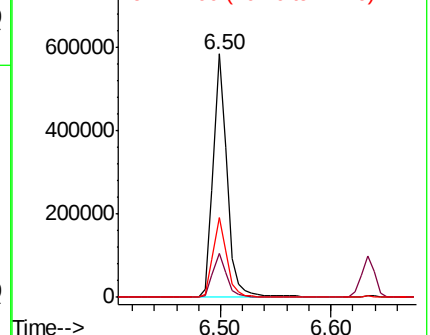
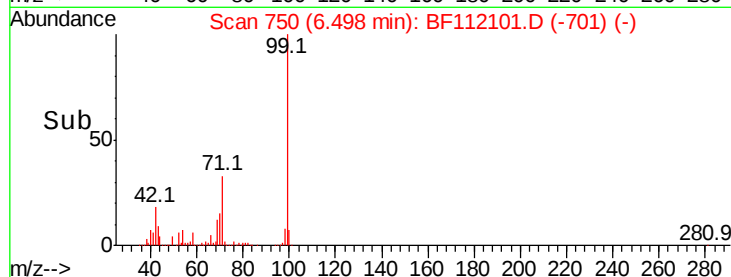


Abundance

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: 8.15 min Scan# 1030

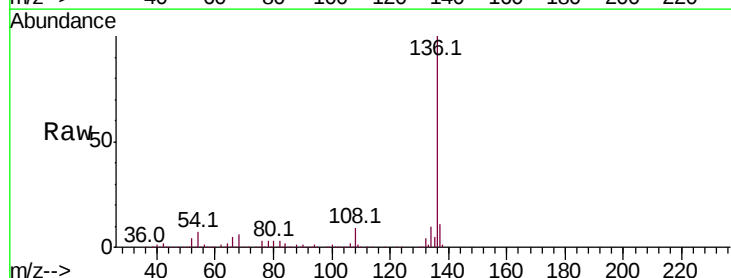
Delta R.T. -0.00 min

Lab File: BF112101.D

Acq: 17 Jan 2019 21:30

Tgt Ion: 136 Resp: 1053754

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.7	5.9	8.9
68	6.0	5.1	7.7



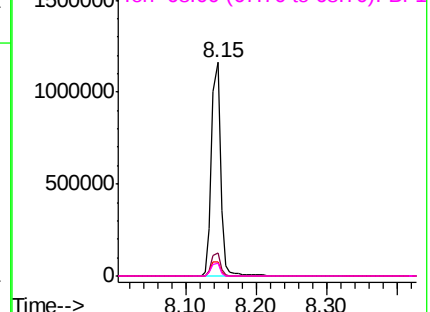
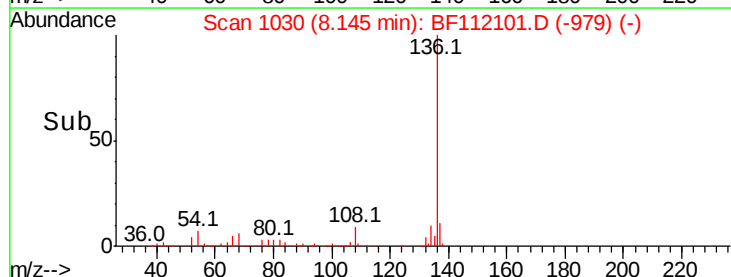
Abundance

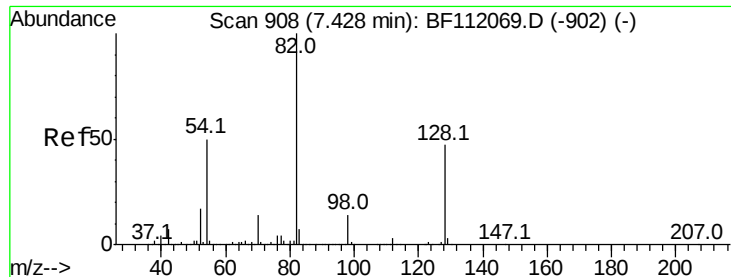
Ion 136.00 (135.70 to 136.70): E

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

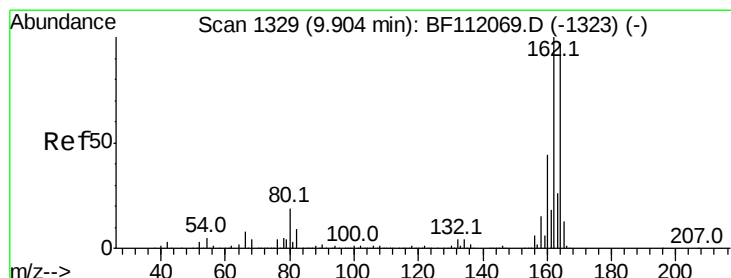
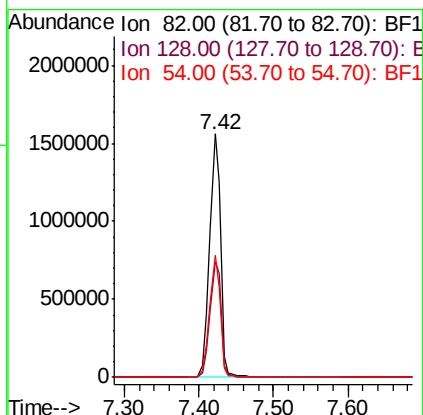
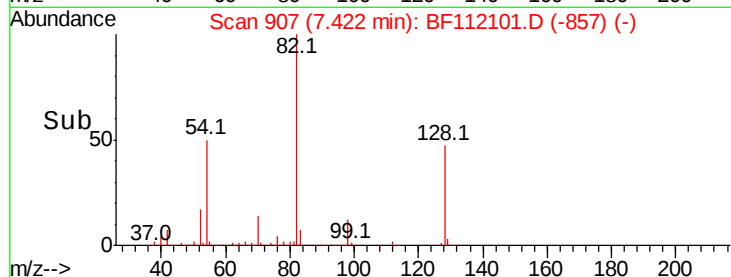
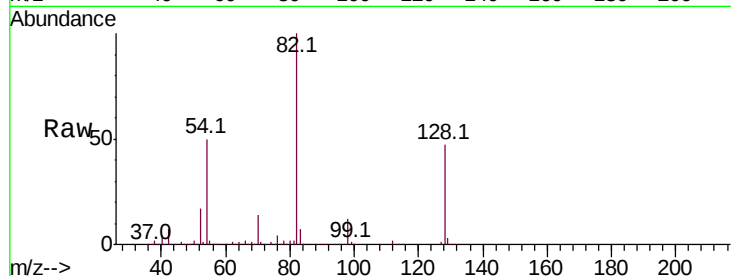




#23
Nitrobenzene-d5
Concen: 104.856 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112101.D
Acq: 17 Jan 2019 21:30

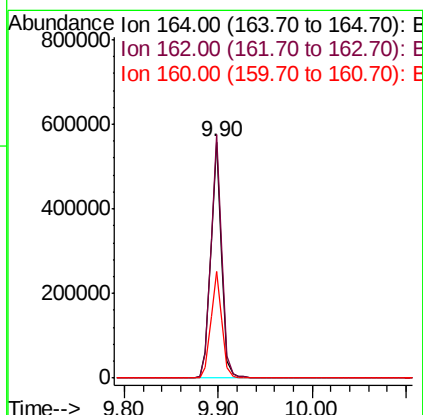
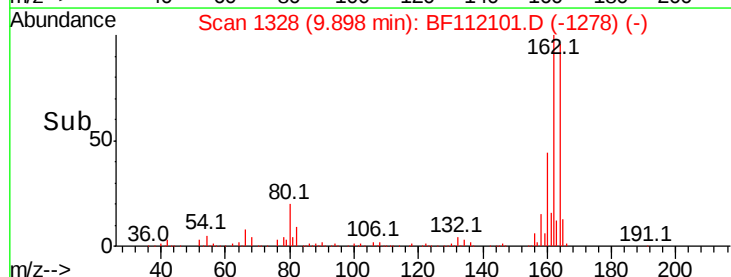
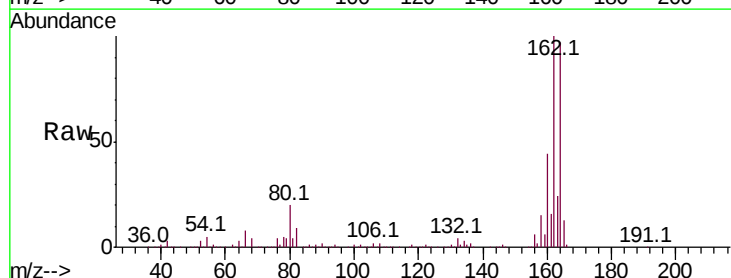
Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-D-M

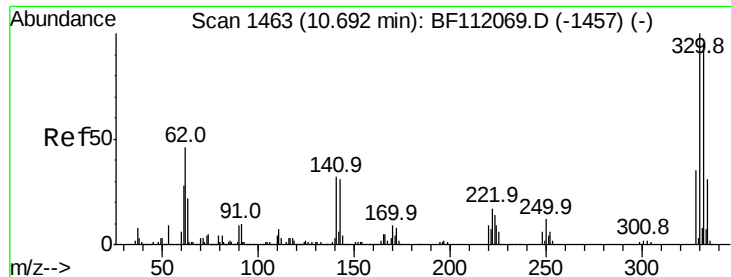
Tot Ion: 82 Resp: 1599281
Ion Ratio Lower Upper
82 100
128 47.4 37.8 56.8
54 50.0 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF112101.D
Acq: 17 Jan 2019 21:30

Tgt Ion:164 Resp: 458264
Ion Ratio Lower Upper
164 100
162 103.1 82.2 123.4
160 45.1 36.2 54.4

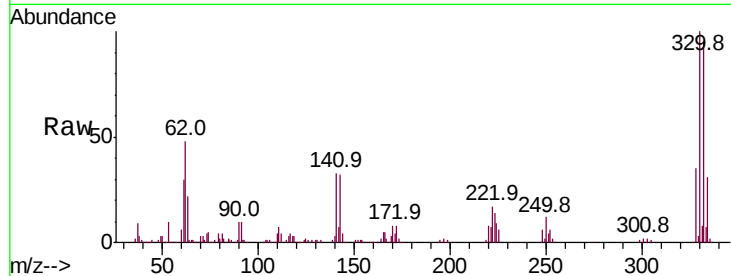




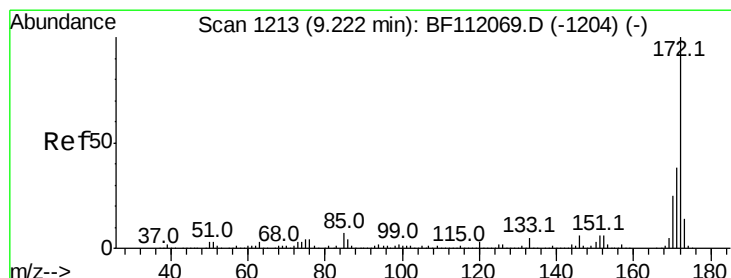
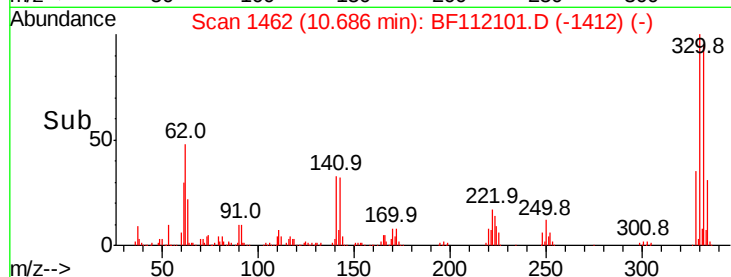
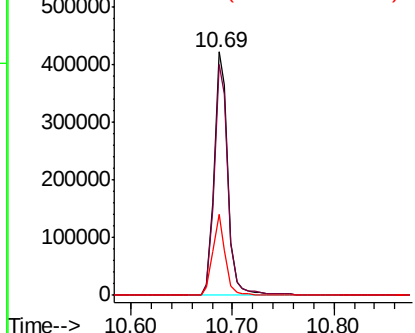
#42
 2,4,6-Tribromophenol
 Concen: 81.142 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112101.D
 Acq: 17 Jan 2019 21:30

Instrument :
 BNA_F
 ClientSampleId :
 011519-BLST-E-D-M

Tot Ion:330 Resp: 401139
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 30.4 24.3 36.5

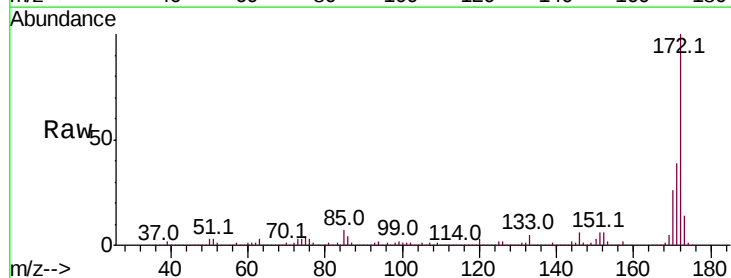


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

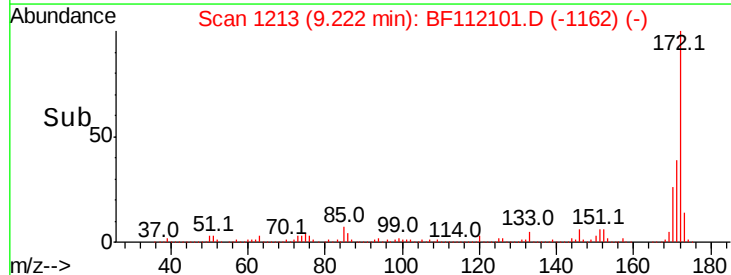
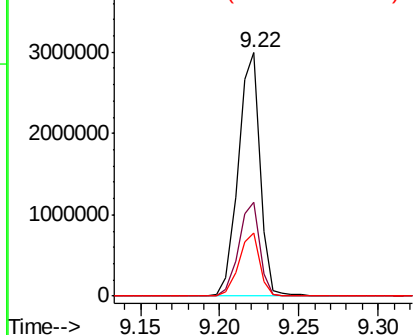


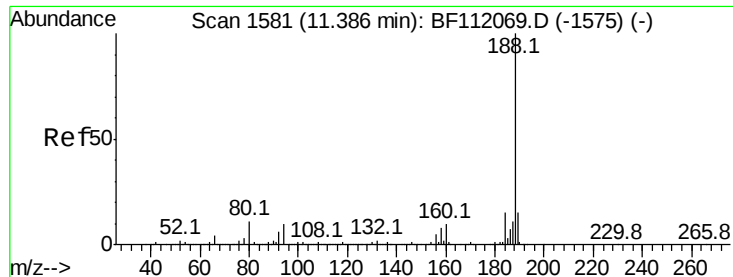
#45
 2-Fluorobiphenyl
 Concen: 91.486 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF112101.D
 Acq: 17 Jan 2019 21:30

Tgt Ion:172 Resp: 2859583
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.5 45.7
 170 26.1 20.2 30.4



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

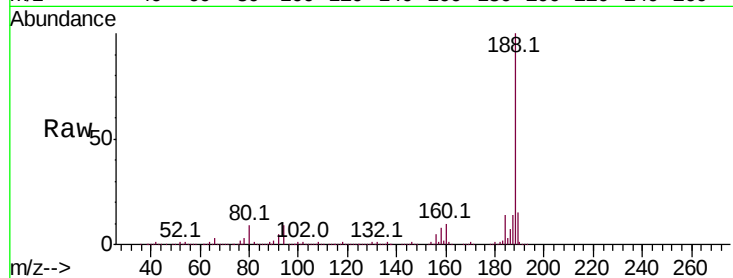




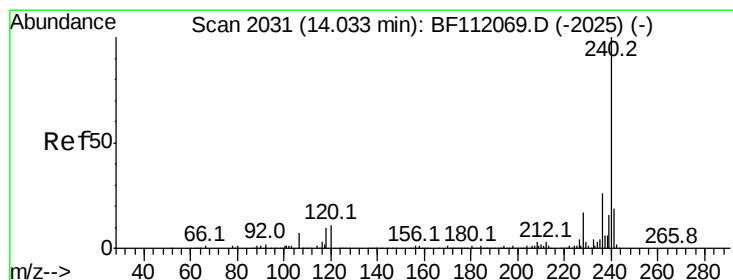
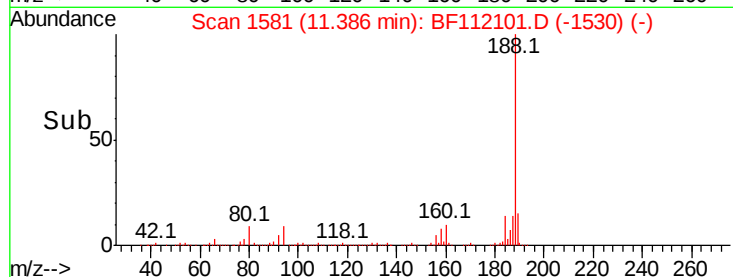
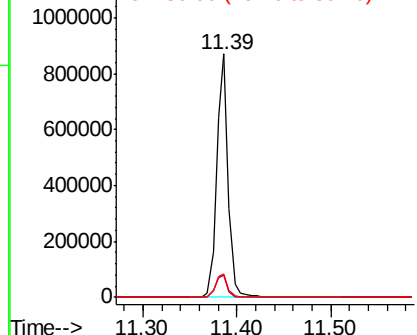
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112101.D
Acq: 17 Jan 2019 21:30

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-D-M

Tot Ion:188 Resp: 743214
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.5 8.9 13.3

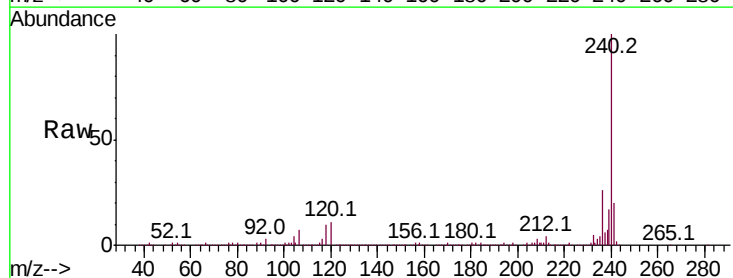


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

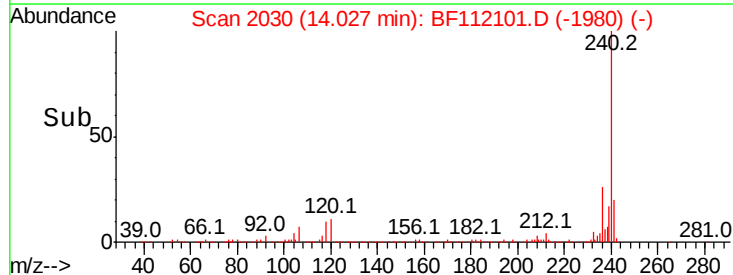
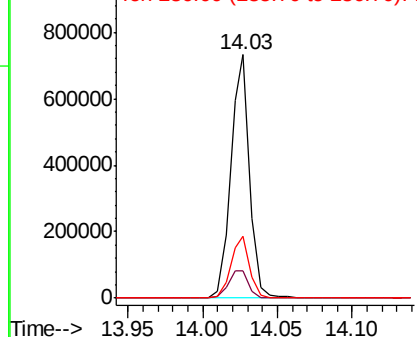


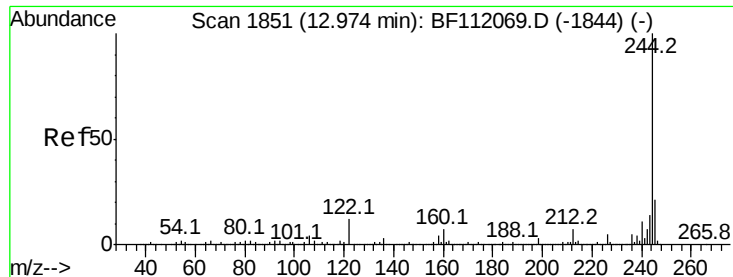
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112101.D
Acq: 17 Jan 2019 21:30

Tgt Ion:240 Resp: 648948
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.6
236 25.7 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: 76.706 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112101.D

Acq: 17 Jan 2019 21:30

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-D-M

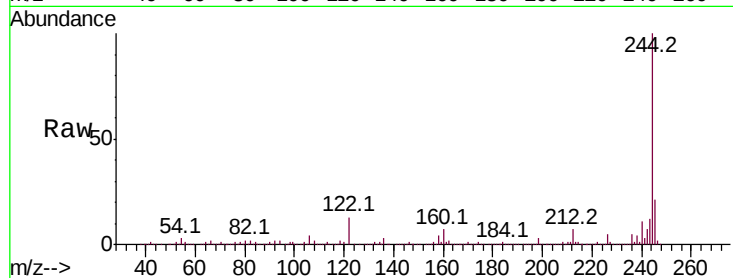
Tot Ion:244 Resp: 2339883

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

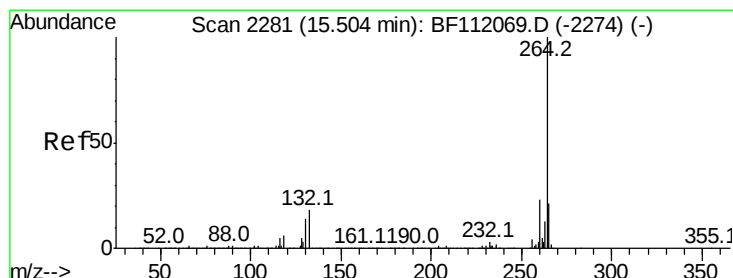
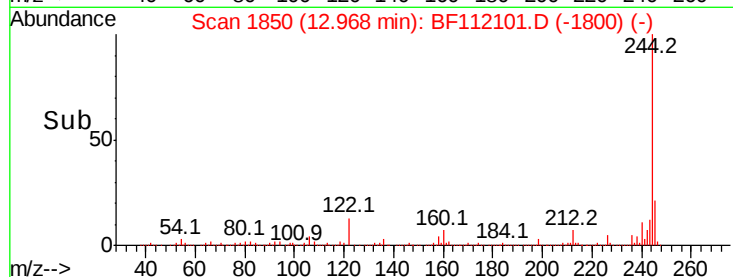
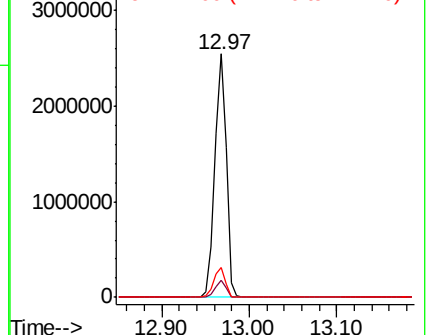
122 12.5 9.8 14.6



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: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF112101.D

Acq: 17 Jan 2019 21:30

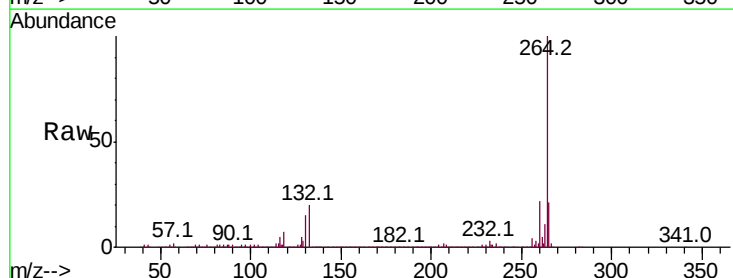
Tgt Ion:264 Resp: 517155

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.2

265 21.3 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

