

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036393.D
 Acq On : 24 Aug 2018 1:24
 Operator : JU/SJ
 Sample : J4278-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-082118-C

Quant Time: Aug 24 04:06:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	50252	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	204731	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	134973	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	369215	20.00	ng	0.00
75) Chrysene-d12	21.70	240	411884	20.00	ng	-0.01
86) Perylene-d12	24.92	264	414900	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	416768	131.56	ng	0.00
7) Phenol-d6	7.22	99	529391	116.72	ng	0.00
23) Nitrobenzene-d5	9.23	82	400105	106.03	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	278562	172.96	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	902208	95.44	ng	0.00
78) Terphenyl-d14	20.05	244	1729729	98.16	ng	0.00

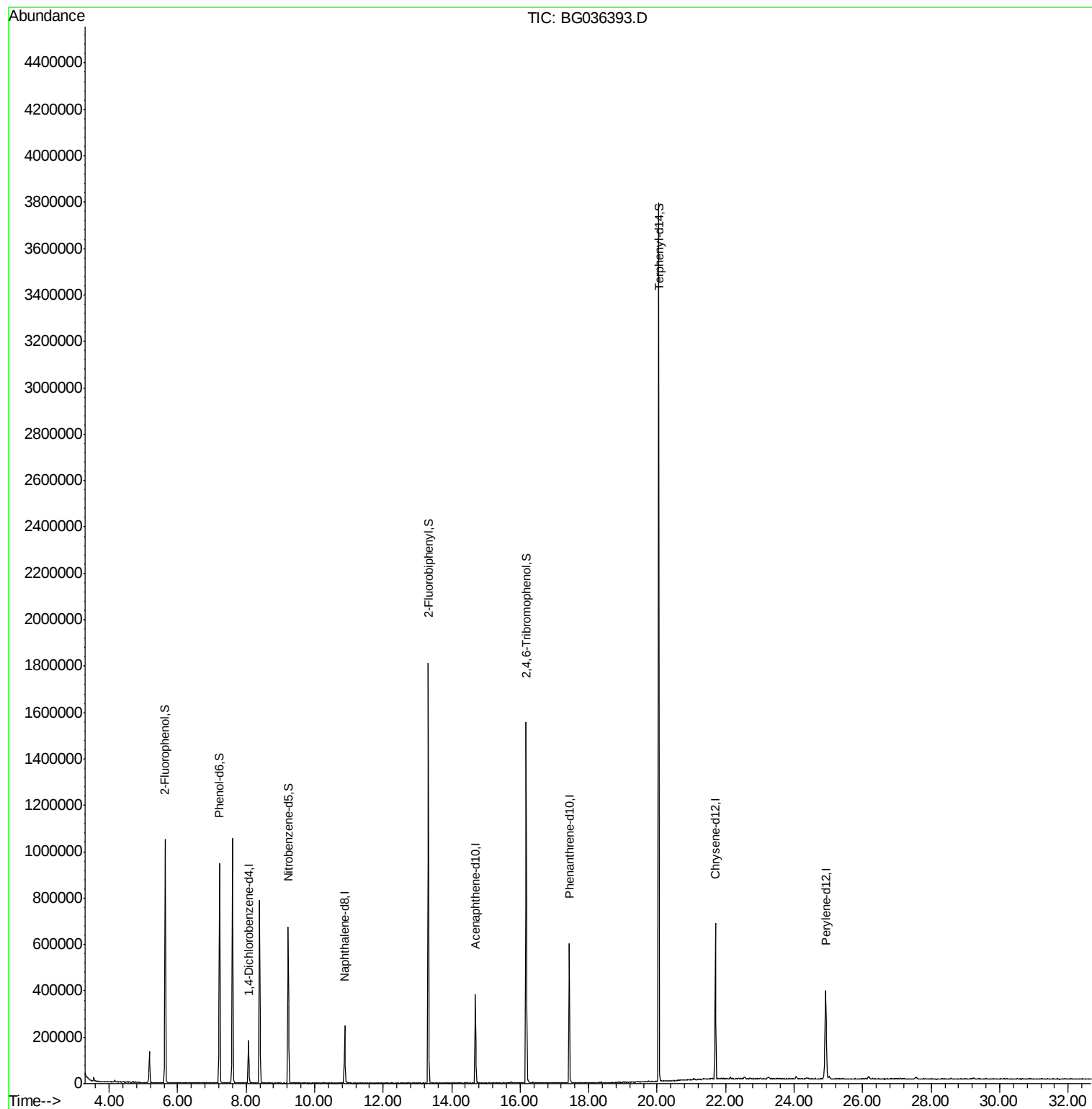
Target Compounds Qvalue

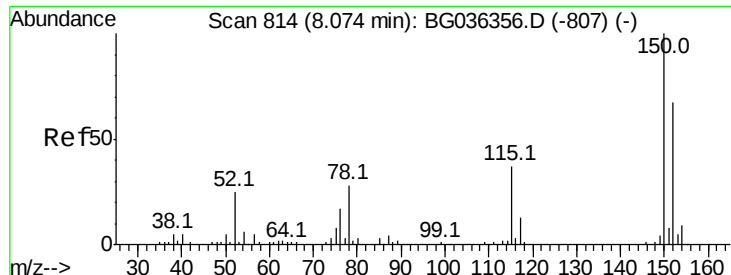
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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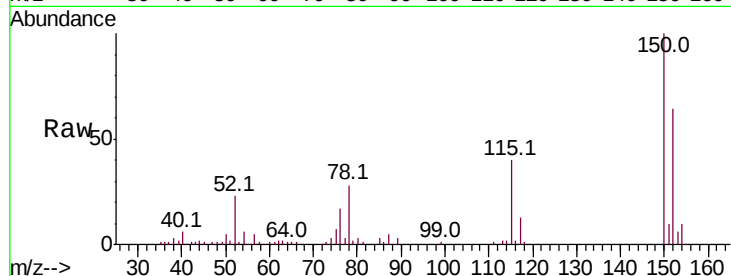




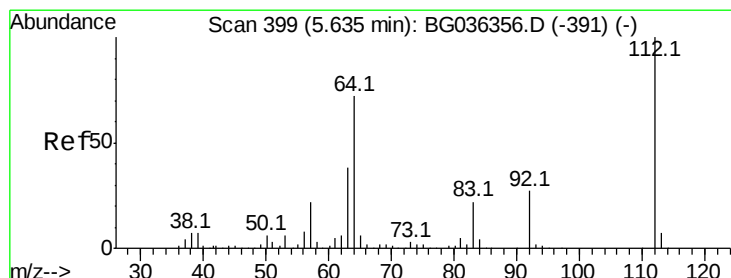
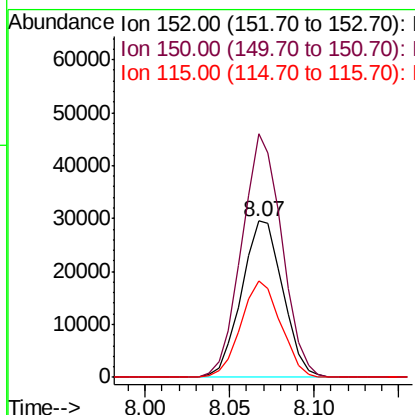
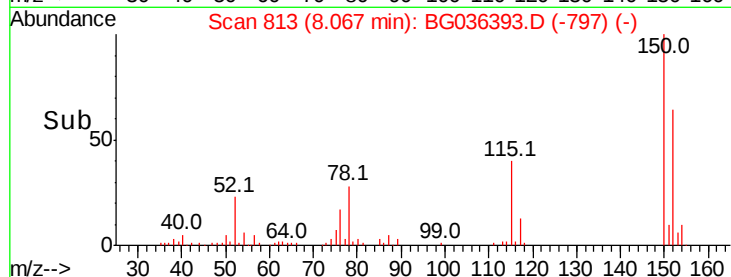
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036393.D
 Acq: 24 Aug 2018 1:24

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-082118-C

Tot Ion:152 Resp: 50252
 Ion Ratio Lower Upper
 152 100
 150 156.1 119.5 179.3
 115 61.8 44.5 66.7

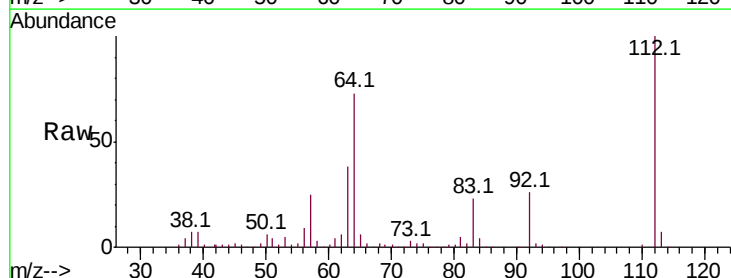


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

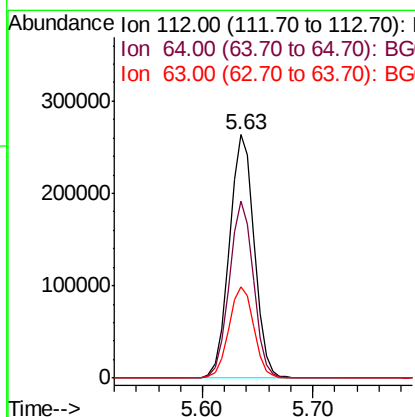
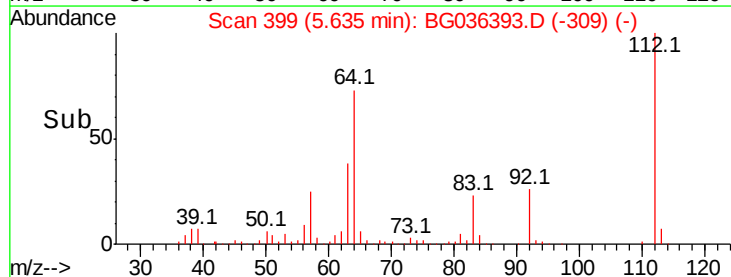


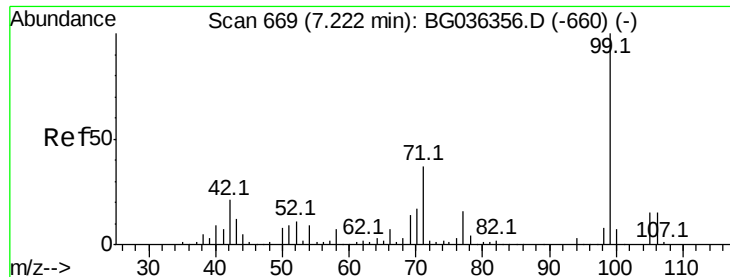
#5
 2-Fluorophenol
 Concen: 131.560 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036393.D
 Acq: 24 Aug 2018 1:24

Tgt Ion:112 Resp: 416768
 Ion Ratio Lower Upper
 112 100
 64 72.9 57.2 85.8
 63 37.8 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 116.718 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036393.D

Acq: 24 Aug 2018 1:24

Instrument :

BNA_G

ClientSampleId :

EO-01-082118-C

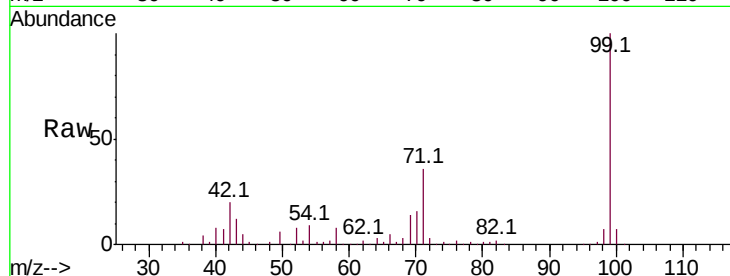
Tot Ion: 99 Resp: 529391

Ion Ratio Lower Upper

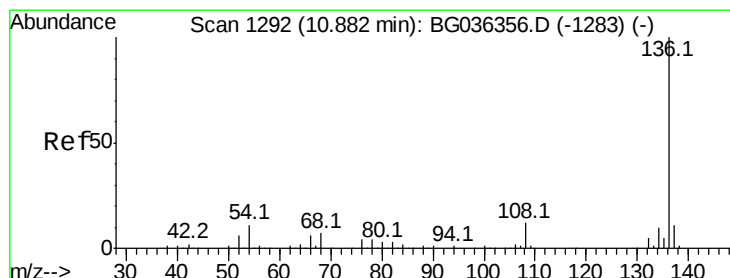
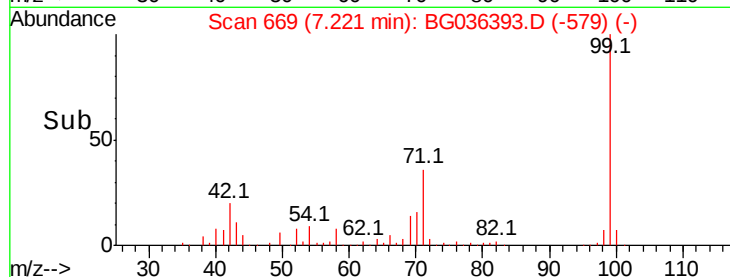
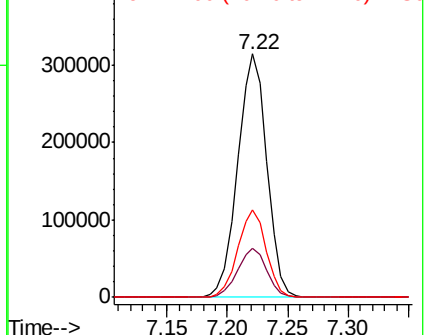
99 100

42 20.1 16.5 24.7

71 35.7 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036393.D

Acq: 24 Aug 2018 1:24

Tgt Ion: 136 Resp: 204731

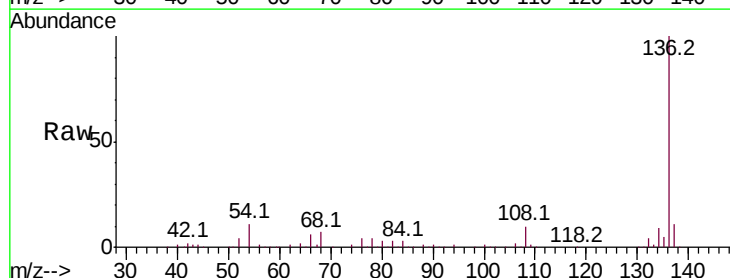
Ion Ratio Lower Upper

136 100

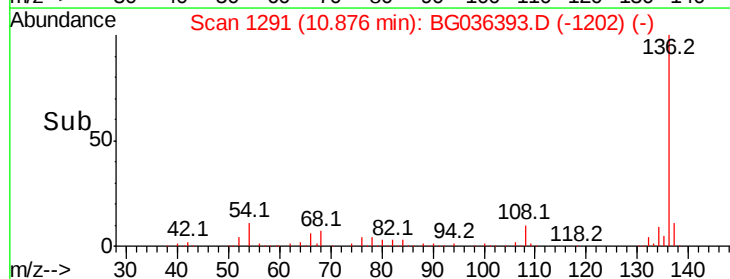
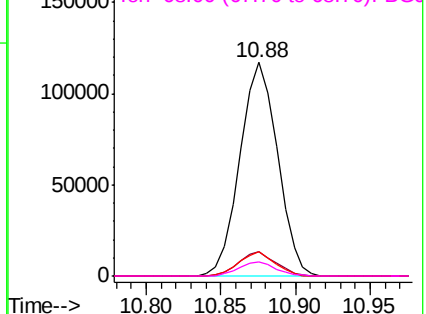
137 11.4 8.8 13.2

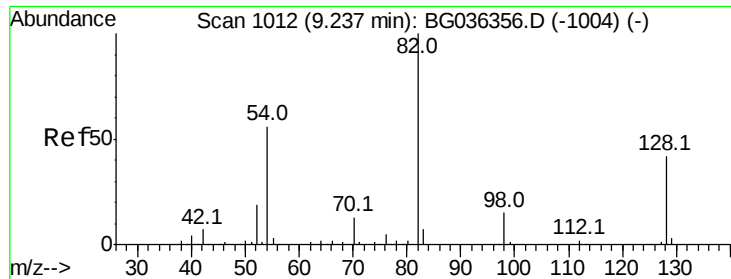
54 11.4 9.2 13.8

68 6.9 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

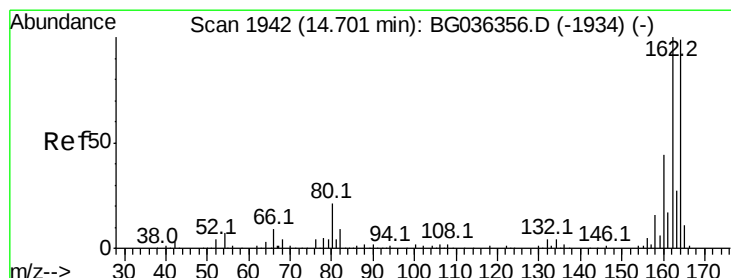
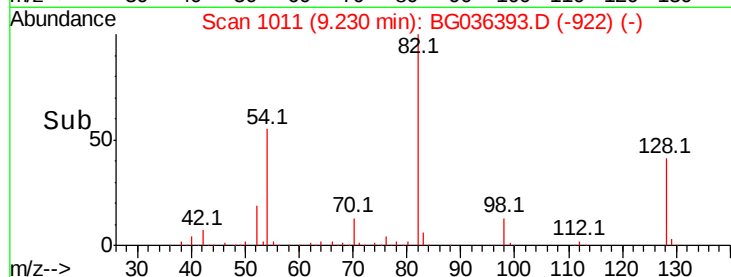
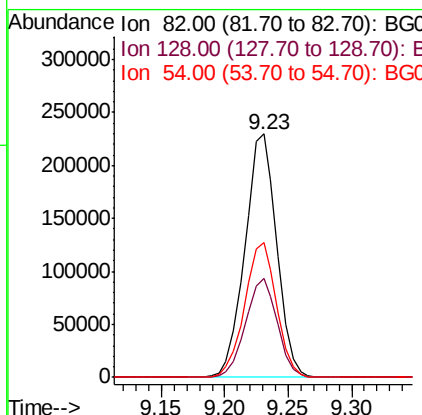
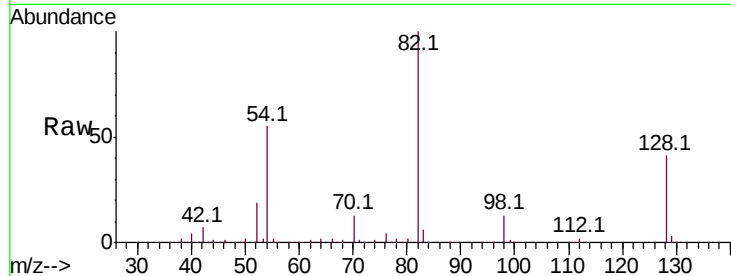




#23
 Nitrobenzene-d5
 Concen: 106.034 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036393.D
 Acq: 24 Aug 2018 1:24

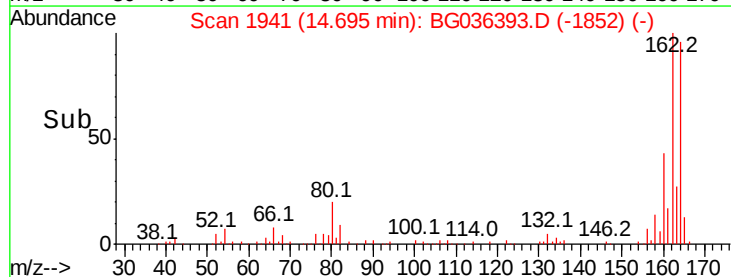
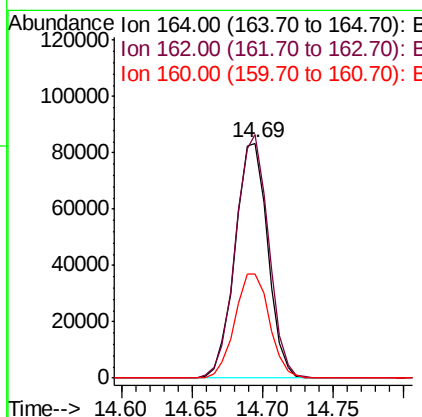
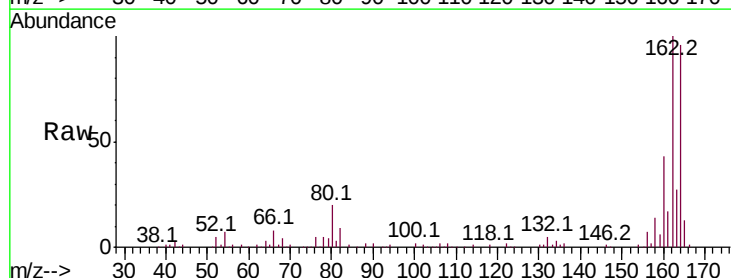
Instrument :
 BNA_G
 ClientSampleId :
 EO-01-082118-C

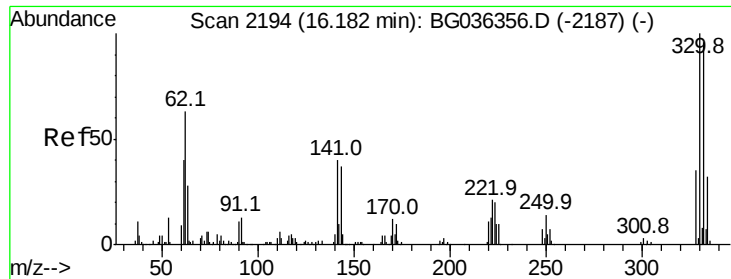
Tot Ion	82	Resp	400105
Ion Ratio	Lower	Upper	
82	100		
128	40.6	33.3	49.9
54	55.3	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG036393.D
 Acq: 24 Aug 2018 1:24

Tgt Ion	164	Resp	134973
Ion Ratio	Lower	Upper	
164	100		
162	103.7	80.7	121.1
160	44.5	35.3	52.9

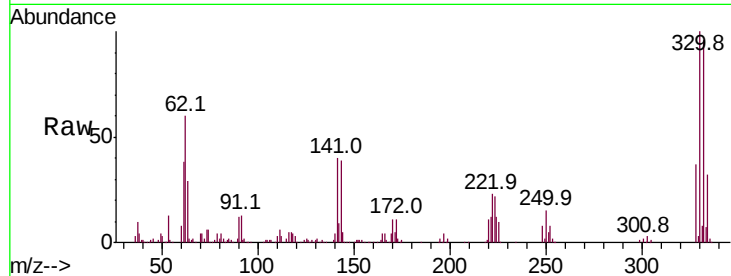




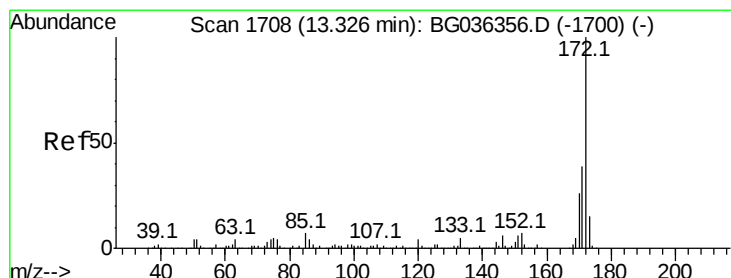
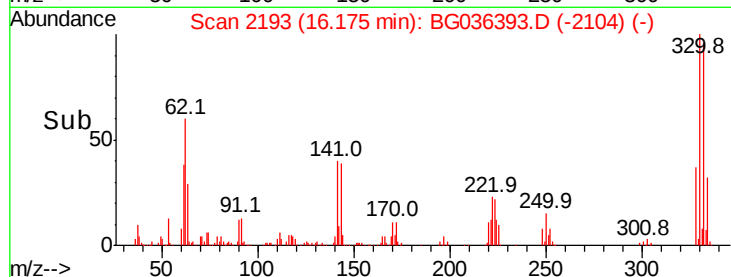
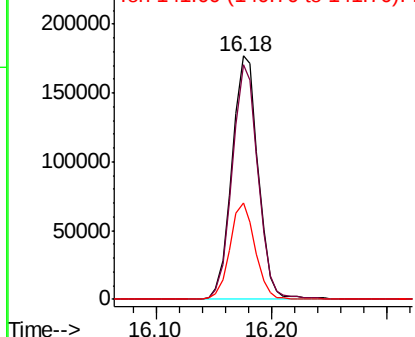
#41
 2,4,6-Tribromophenol
 Concen: 172.963 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036393.D
 Acq: 24 Aug 2018 1:24

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-082118-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.4	113.2
141	37.8	30.7	46.1

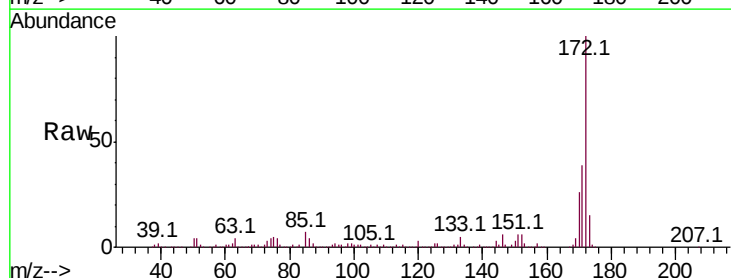


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

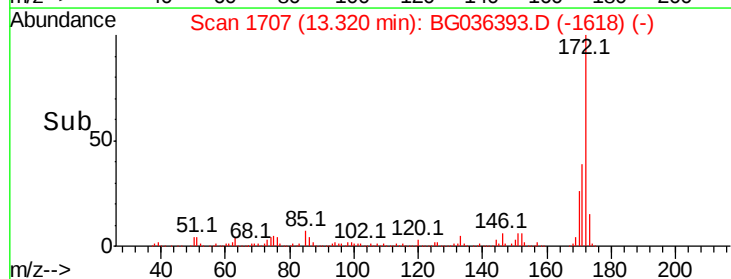
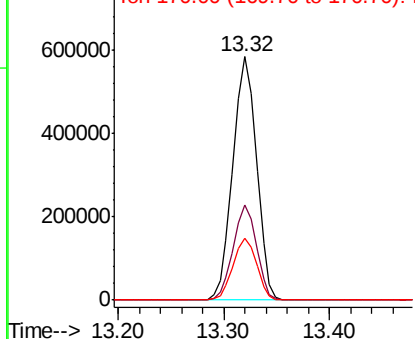


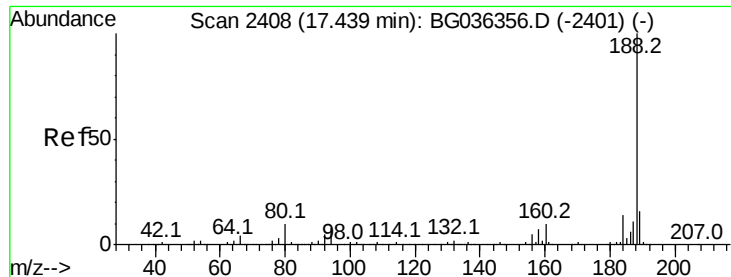
#44
 2-Fluorobiphenyl
 Concen: 95.441 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036393.D
 Acq: 24 Aug 2018 1:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.3	46.9
170	25.7	21.0	31.6



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

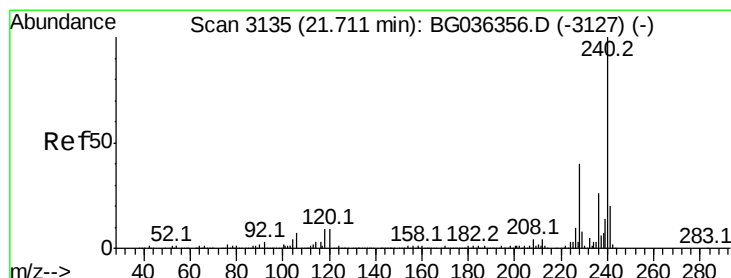
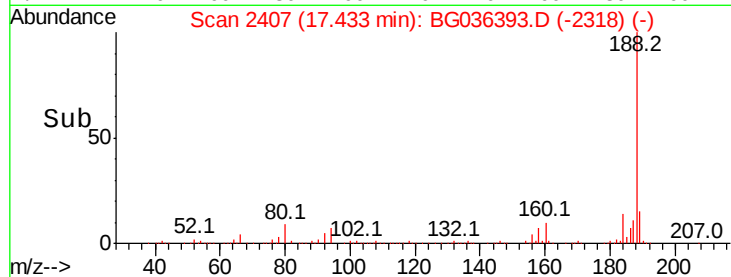
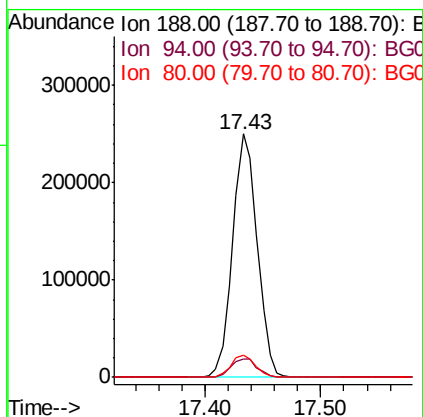
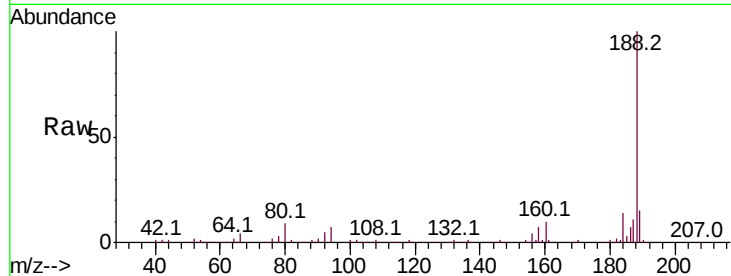




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036393.D
Acq: 24 Aug 2018 1:24

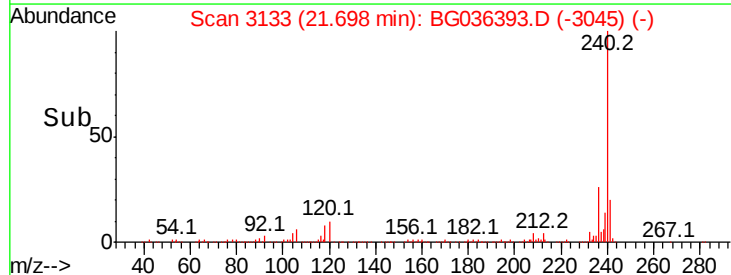
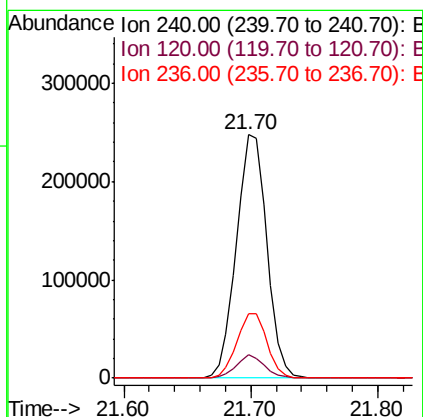
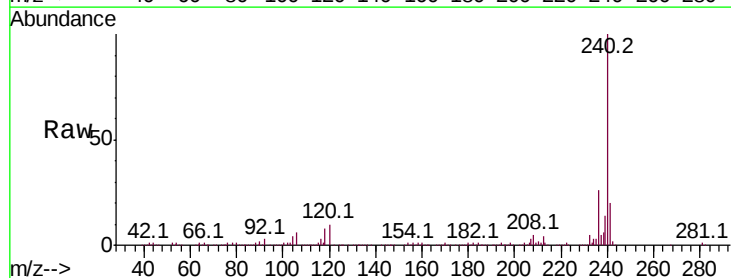
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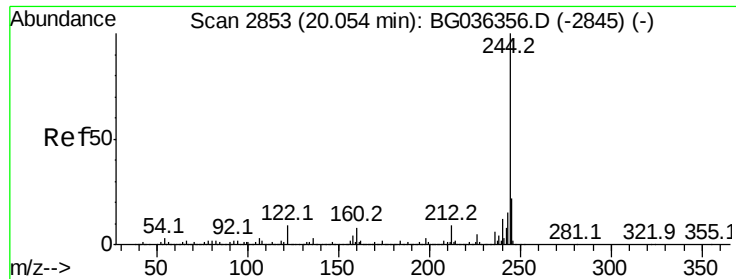
Tot Ion:188 Resp: 369215
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 9.1 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036393.D
Acq: 24 Aug 2018 1:24

Tgt Ion:240 Resp: 411884
Ion Ratio Lower Upper
240 100
120 9.7 6.9 10.3
236 26.4 21.2 31.8





#78

Terphenyl-d14

Concen: 98.158 ng

RT: 20.05 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036393.D

Acq: 24 Aug 2018 1:24

Instrument :

BNA_G

ClientSampleId :

EO-01-082118-C

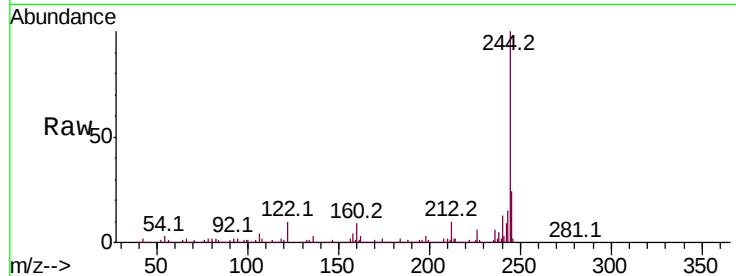
Tot Ion:244 Resp: 1729729

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

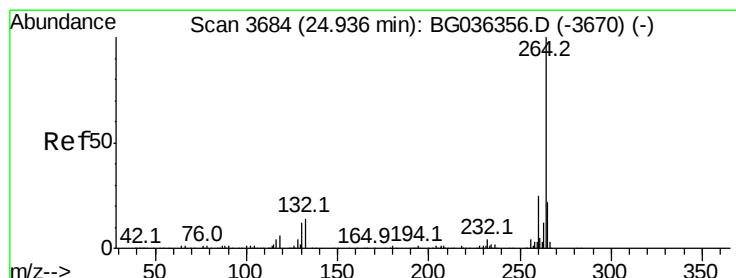
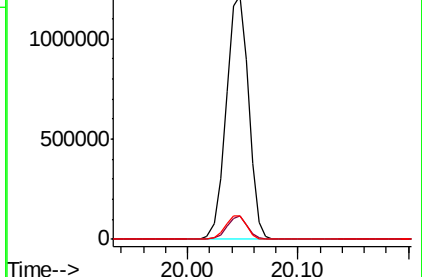
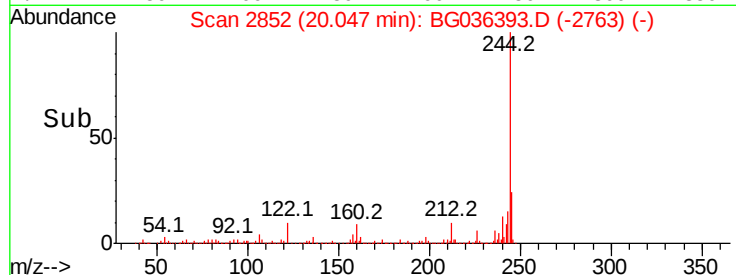
122 9.7 7.1 10.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG036393.D

Acq: 24 Aug 2018 1:24

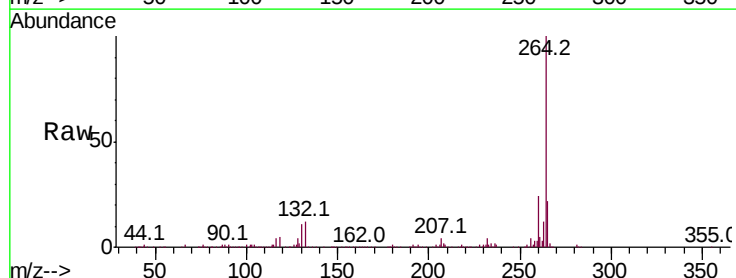
Tgt Ion:264 Resp: 414900

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 21.8 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

