

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036432.D
 Acq On : 27 Aug 2018 15:24
 Operator : JU/SJ
 Sample : J4509-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-FP-0-4

Quant Time: Aug 27 16:35:13 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

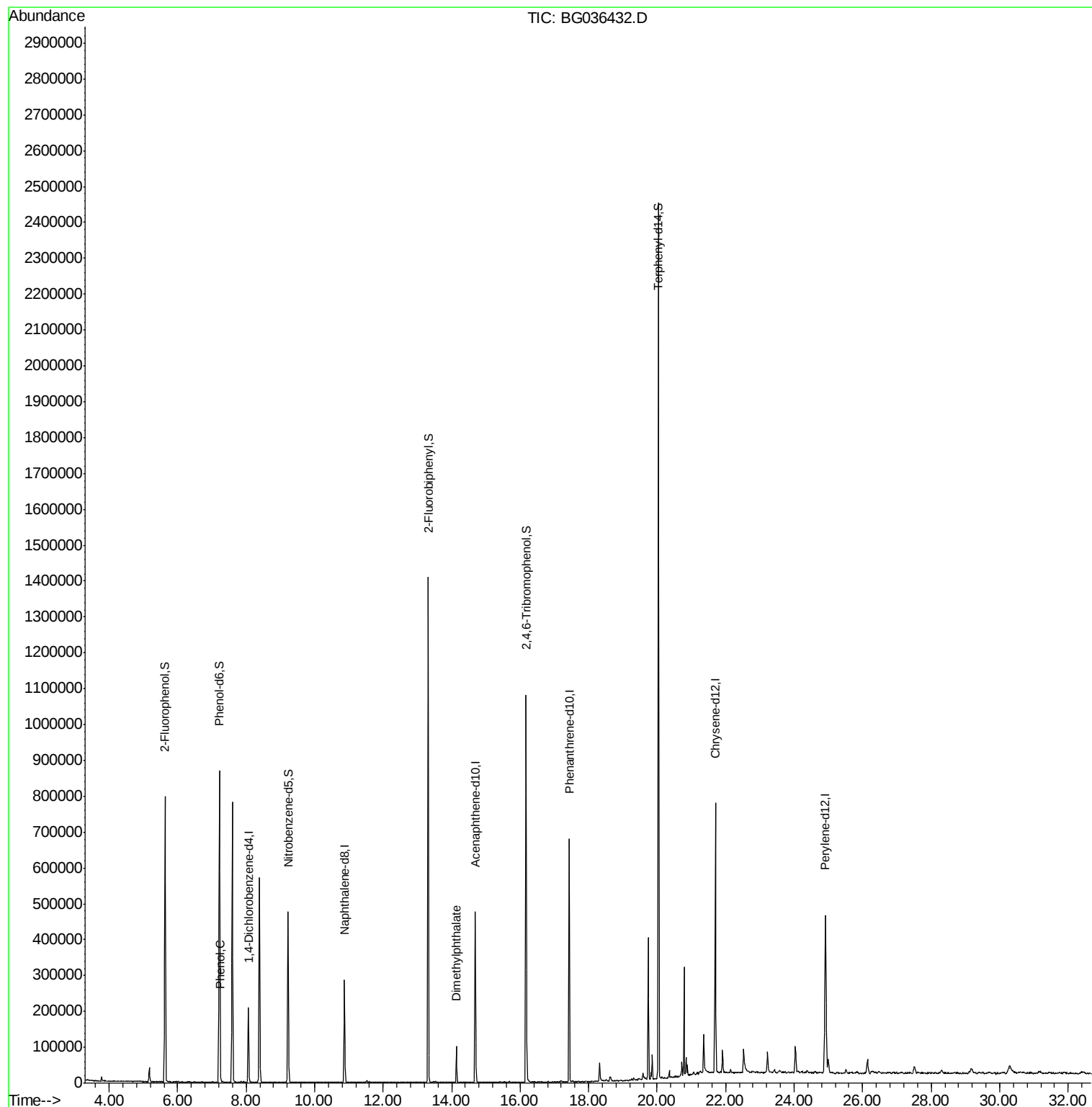
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58414	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	246013	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	161196	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	420614	20.00	ng	0.00
75) Chrysene-d12	21.70	240	455563	20.00	ng	-0.01
86) Perylene-d12	24.91	264	466886	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	346696	94.15	ng	0.00
7) Phenol-d6	7.22	99	499486	94.74	ng	0.00
23) Nitrobenzene-d5	9.23	82	286429	63.17	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	202667	105.37	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	695108	61.57	ng	-0.01
78) Terphenyl-d14	20.04	244	1166673	59.86	ng	-0.01
Target Compounds						
10) Phenol	7.25	94	11332	2.054	ng	97
49) Dimethylphthalate	14.14	163	65286	4.960	ng	98

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

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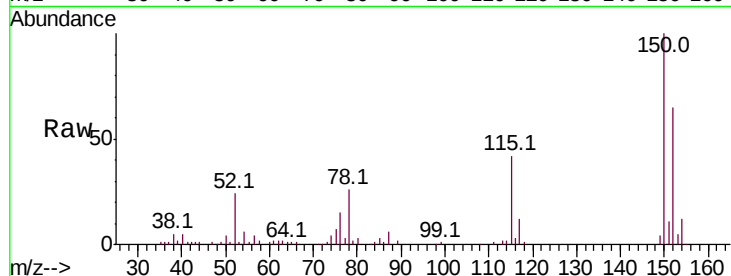


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036432.D
 Acq: 27 Aug 2018 15:24

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-FP-0-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	119.5	179.3
115	64.3	44.5	66.7

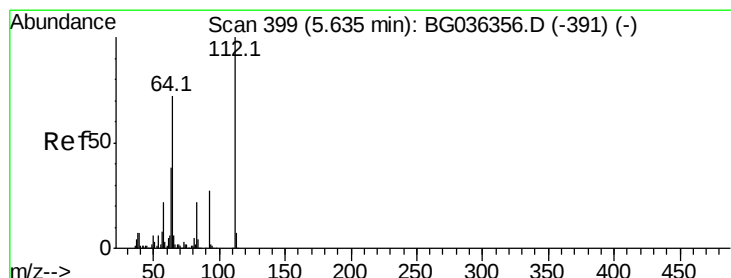
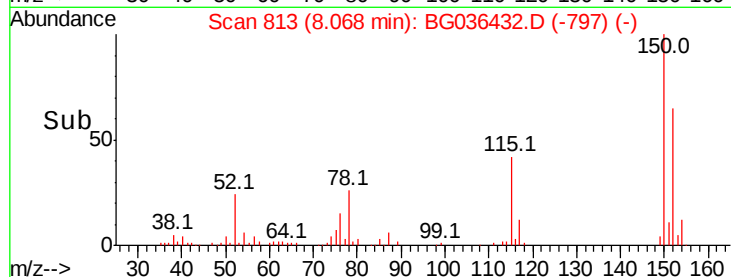
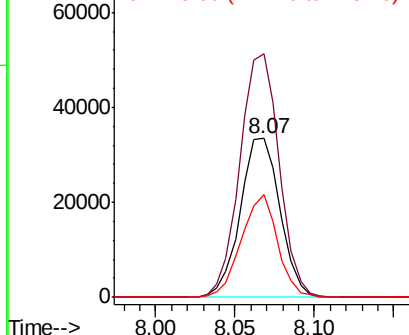


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

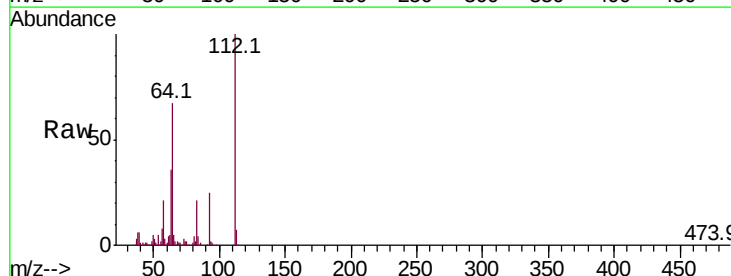
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 94.149 ng
 RT: 5.64 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG036432.D
 Acq: 27 Aug 2018 15:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	57.2	85.8
63	35.6	30.8	46.2

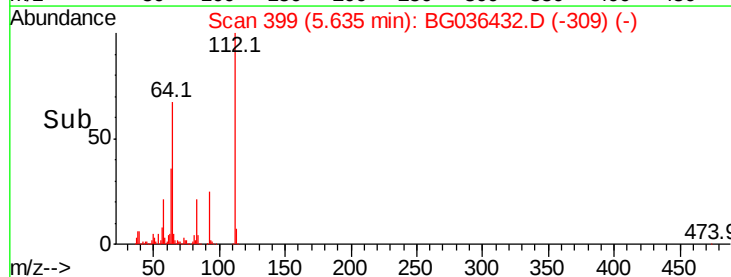
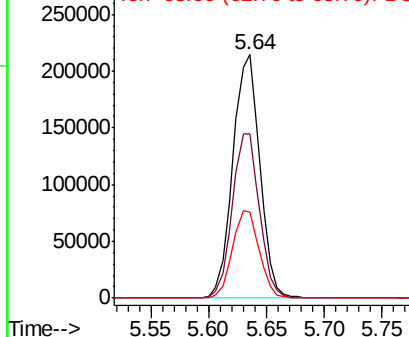


Abundance

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: 94.738 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036432.D

Acq: 27 Aug 2018 15:24

Instrument :

BNA_G

ClientSampleId :

TOD1-FP-0-4

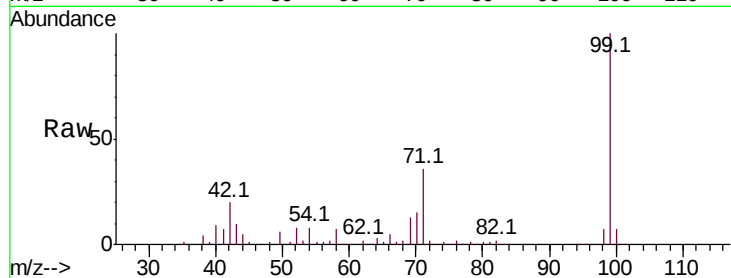
Tot Ion: 99 Resp: 499486

Ion Ratio Lower Upper

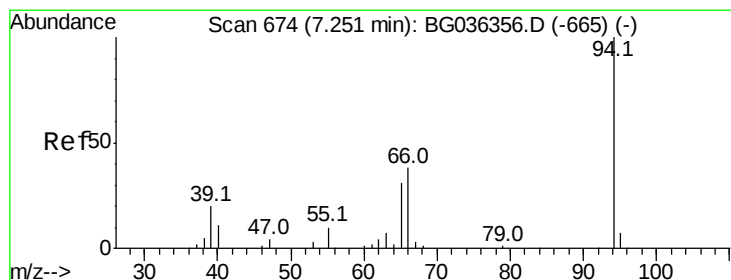
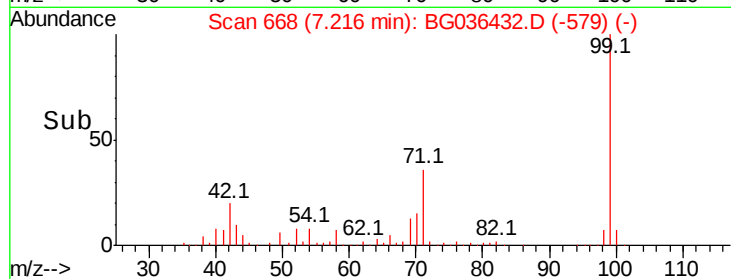
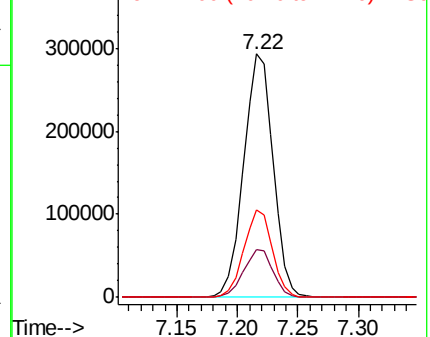
99 100

42 19.8 16.5 24.7

71 35.9 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



#10

Phenol

Concen: 2.054 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG036432.D

Acq: 27 Aug 2018 15:24

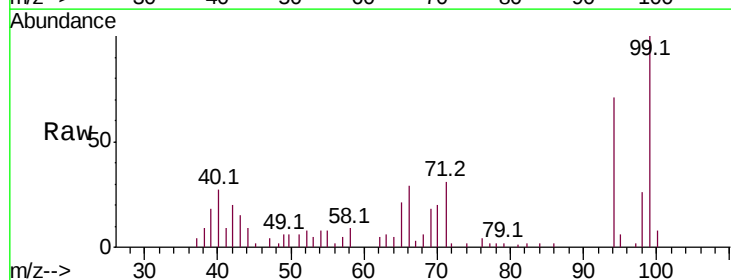
Tgt Ion: 94 Resp: 11332

Ion Ratio Lower Upper

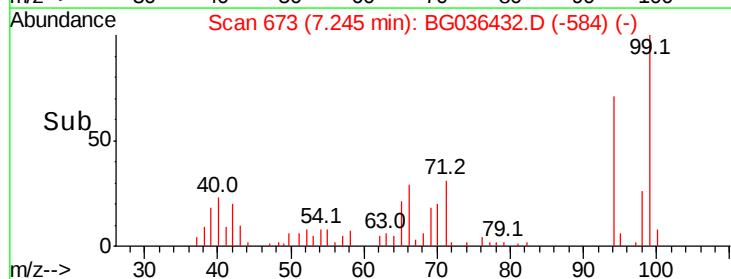
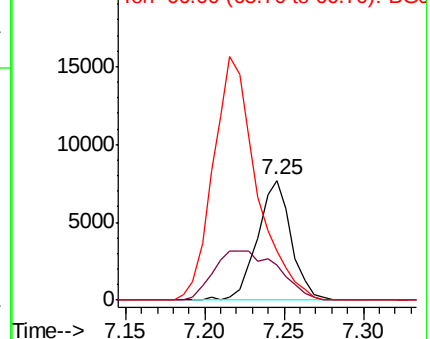
94 100

65 29.3 11.5 51.5

66 40.7 19.5 59.5



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

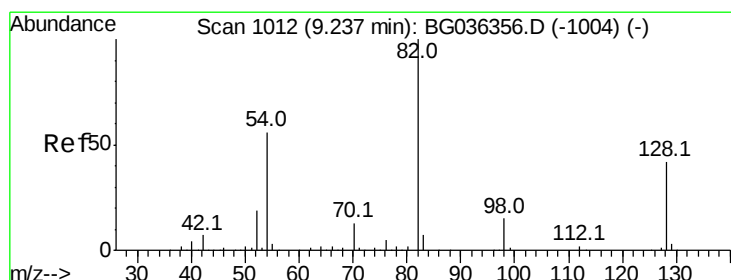
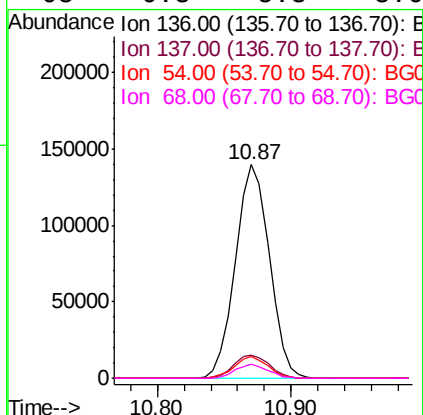
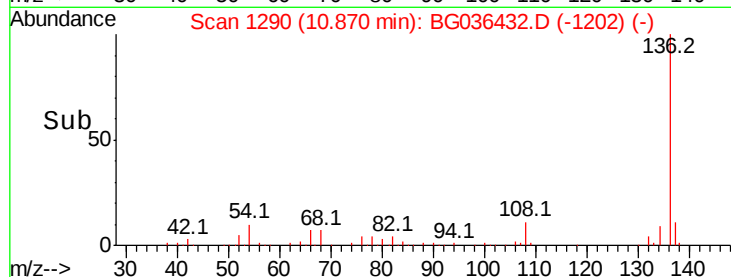
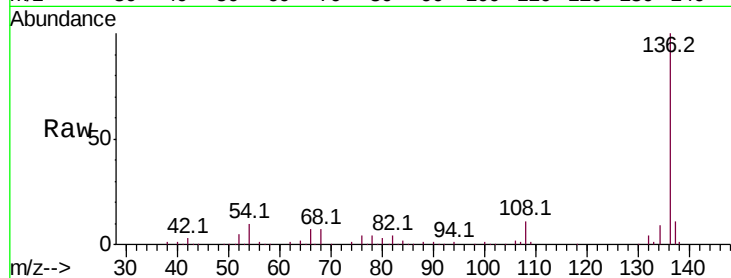




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036432.D
Acq: 27 Aug 2018 15:24

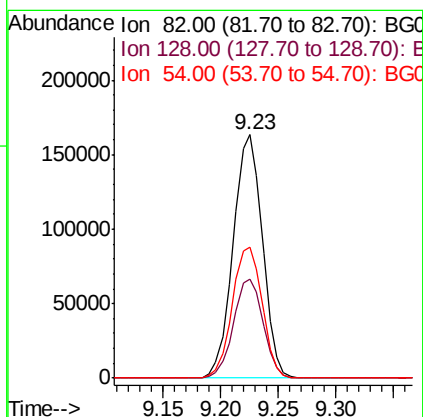
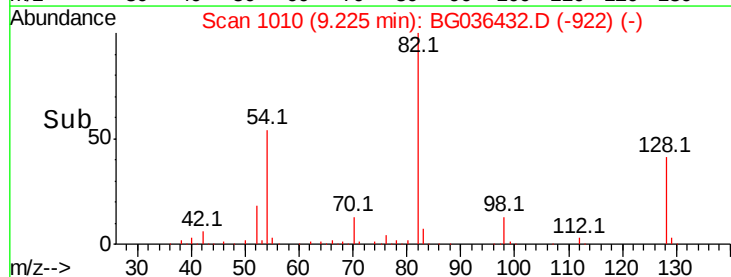
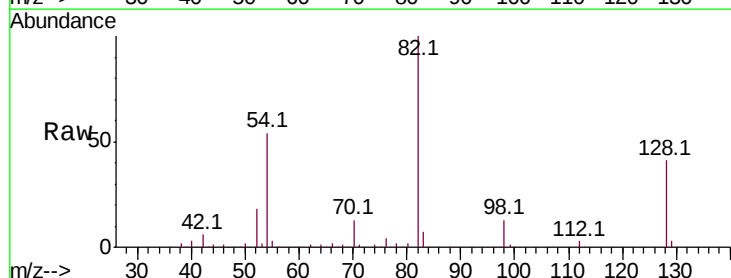
Instrument :
BNA_G
ClientSampleId :
TOD1-FP-0-4

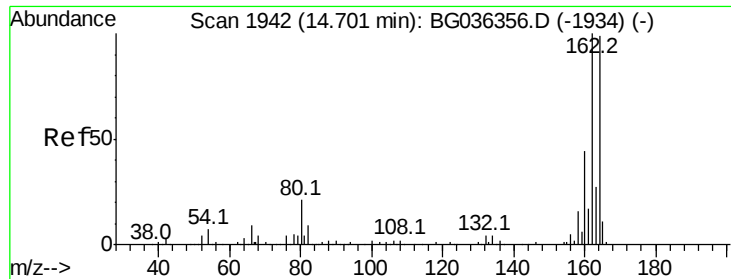
Tot Ion:136	Resp:	246013
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.8	13.2
54 10.3	9.2	13.8
68 6.8	5.8	8.6



#23
Nitrobenzene-d5
Concen: 63.170 ng
RT: 9.23 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036432.D
Acq: 27 Aug 2018 15:24

Tgt Ion: 82	Resp: 286429
Ion Ratio	Lower Upper
82 100	
128 40.7	33.3 49.9
54 53.5	45.1 67.7

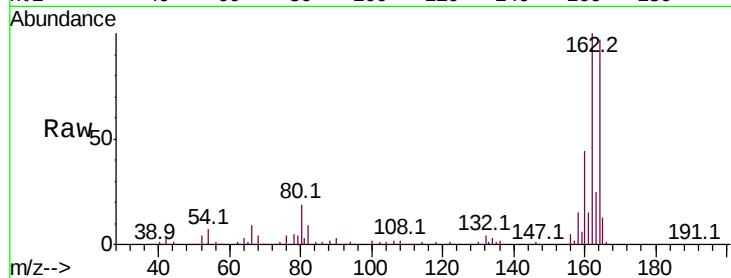




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036432.D
 Acq: 27 Aug 2018 15:24

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-FP-0-4

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.7	121.1
160	45.8	35.3	52.9

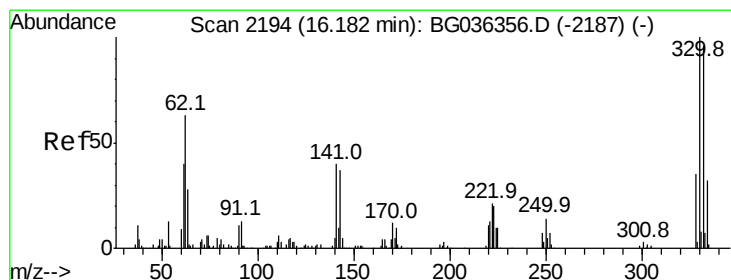
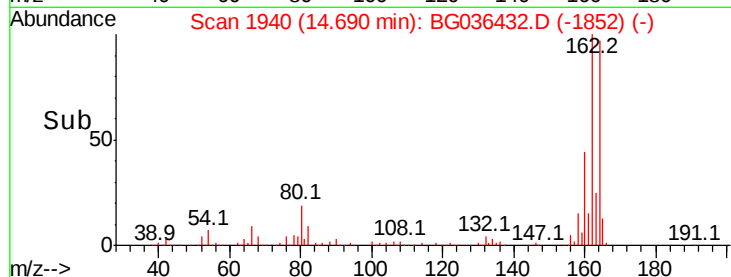
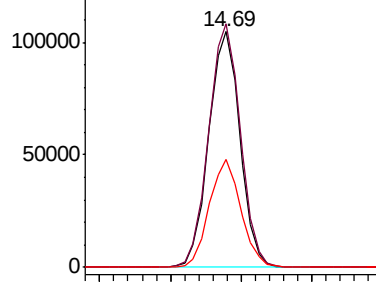


Abundance

Ion 164.00 (163.70 to 164.70): E

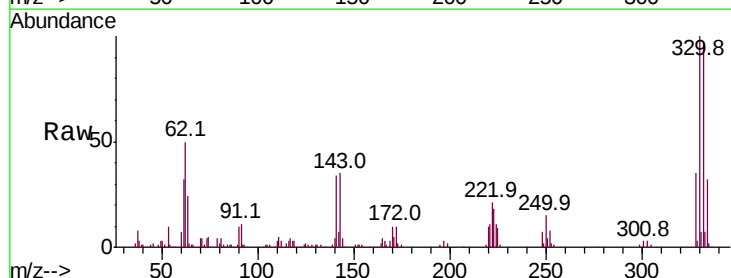
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 105.368 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036432.D
 Acq: 27 Aug 2018 15:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.4	113.2
141	36.7	30.7	46.1

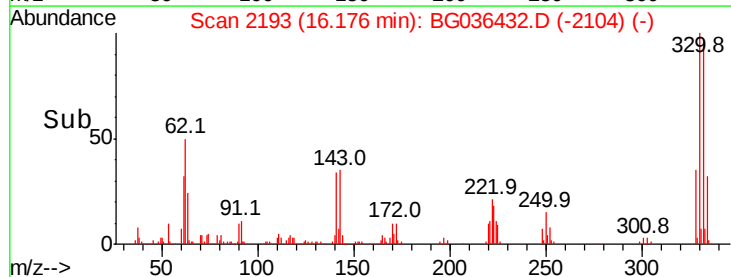
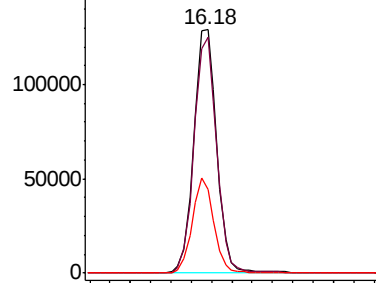


Abundance

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

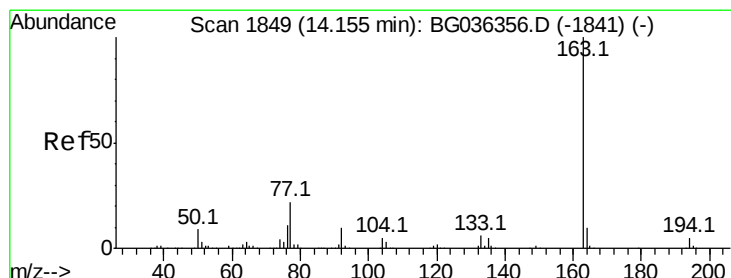
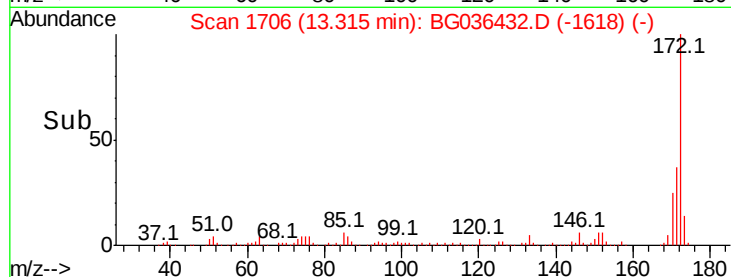
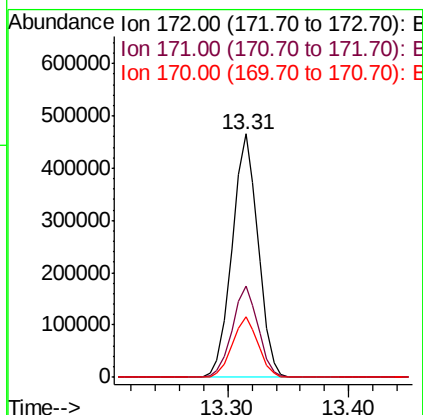
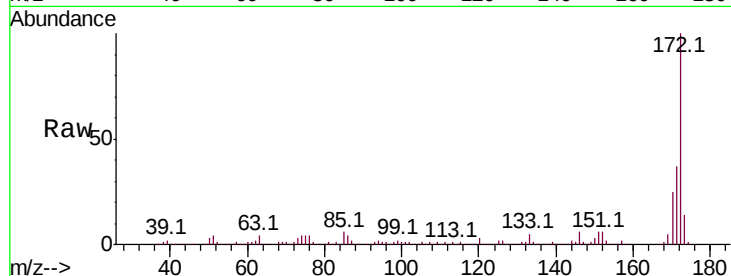




#44
 2-Fluorobiphenyl
 Concen: 61.570 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036432.D
 Acq: 27 Aug 2018 15:24

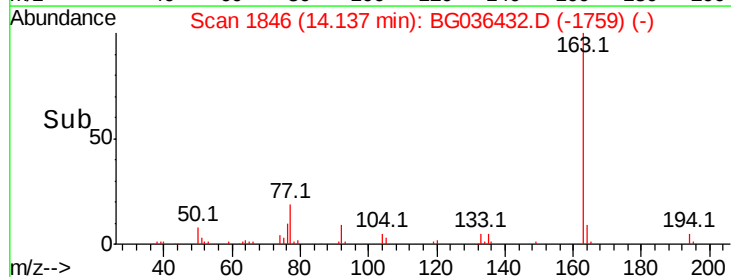
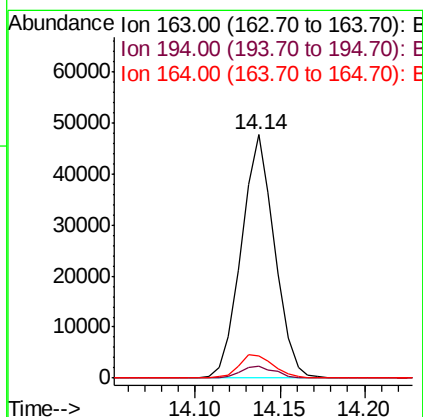
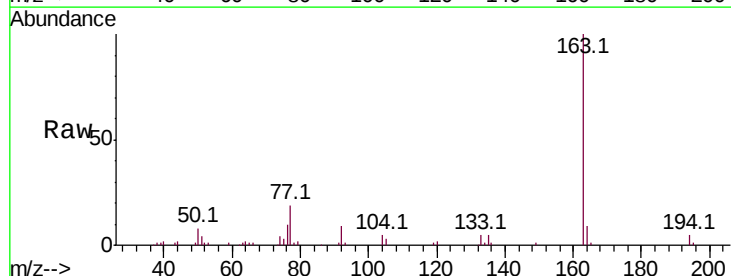
Instrument :
 BNA_G
 ClientSampleId :
 TOD1-FP-0-4

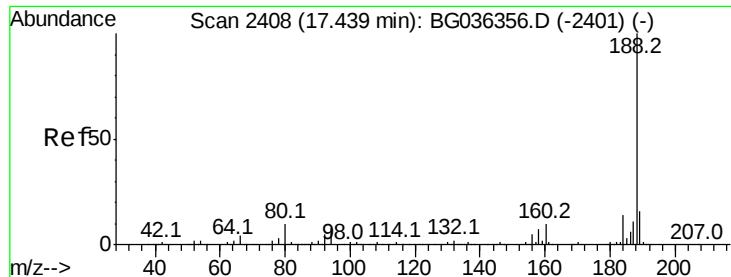
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.3	46.9
170	24.8	21.0	31.6



#49
 Dimethylphthalate
 Concen: 4.960 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BG036432.D
 Acq: 27 Aug 2018 15:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.0	6.0
164	9.1	8.1	12.1

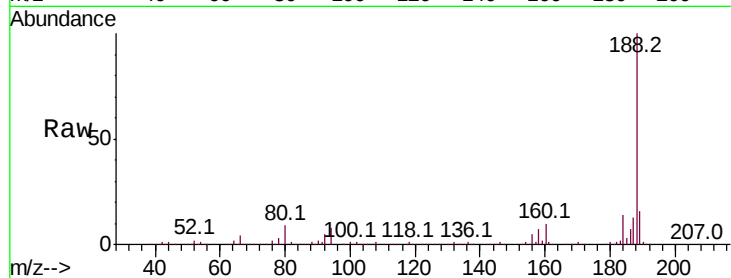




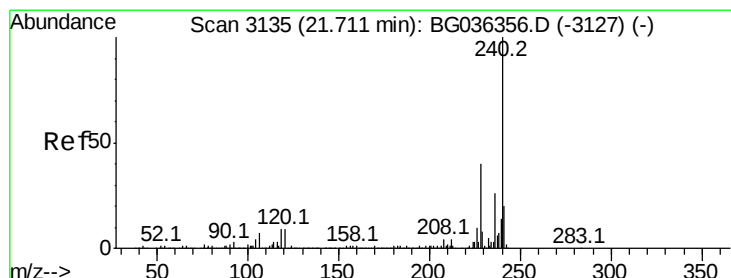
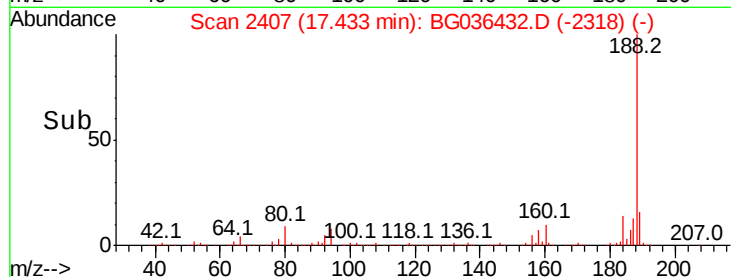
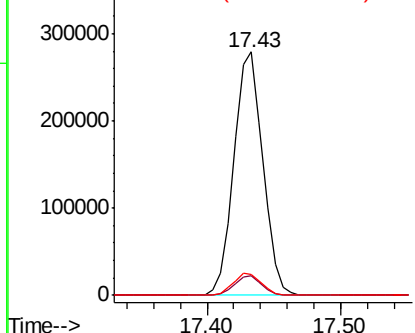
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036432.D
Acq: 27 Aug 2018 15:24

Instrument :
BNA_G
ClientSampleId :
TOD1-FP-0-4

Tot Ion:188 Resp: 420614
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.8 8.1 12.1

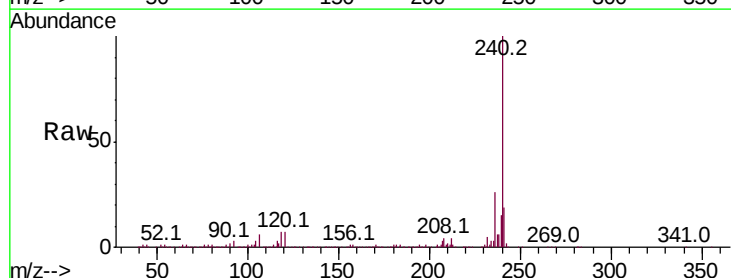


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

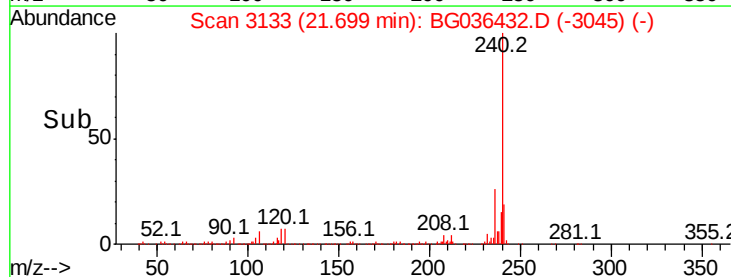
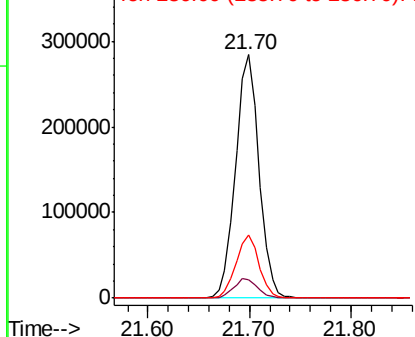


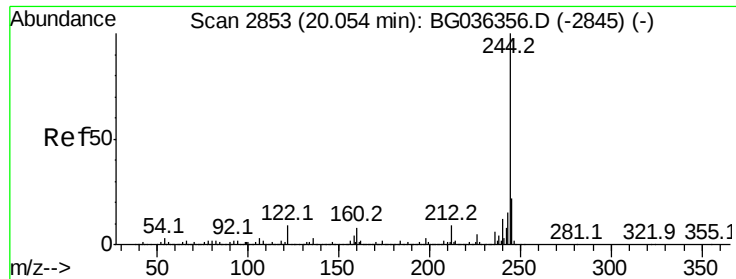
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036432.D
Acq: 27 Aug 2018 15:24

Tgt Ion:240 Resp: 455563
Ion Ratio Lower Upper
240 100
120 7.4 6.9 10.3
236 25.8 21.2 31.8



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



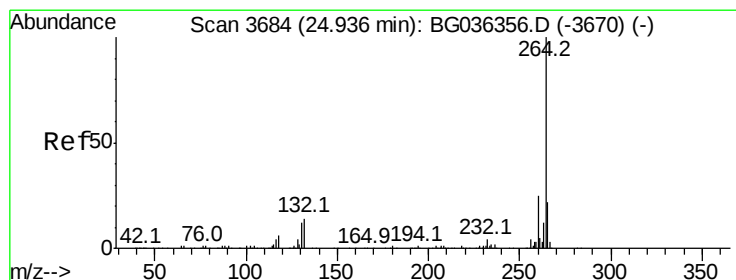
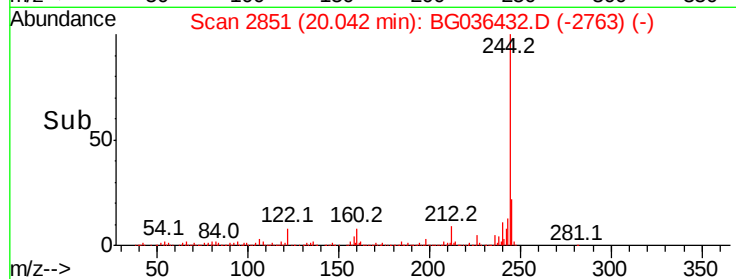
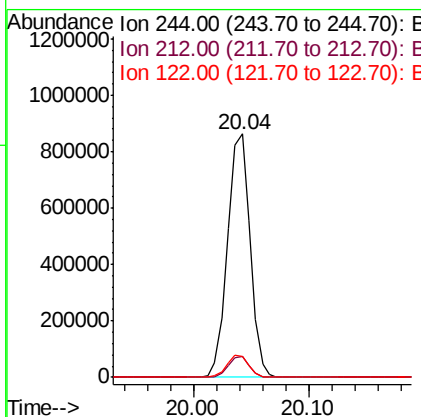
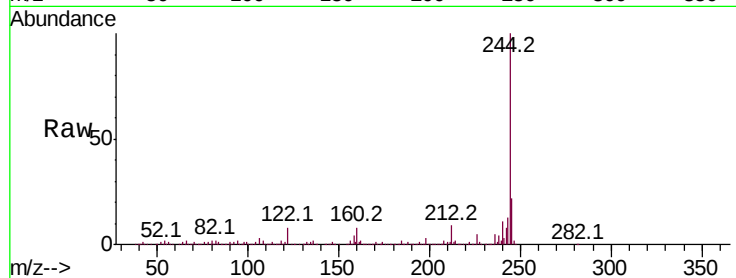


#78
 Terphenyl-d14
 Concen: 59.858 ng
 RT: 20.04 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BG036432.D
 Acq: 27 Aug 2018 15:24

Instrument :
 BNA_G
 ClientSampleId :
 TOD1-FP-0-4

Tot Ion:244 Resp: 1166673

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	8.5	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.02 min
 Lab File: BG036432.D
 Acq: 27 Aug 2018 15:24

Tgt Ion:264 Resp: 466886

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	22.6	17.4	26.0

