

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043826.D
 Acq On : 17 Dec 2019 19:20
 Operator : JU
 Sample : K6294-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Dec 18 01:38:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

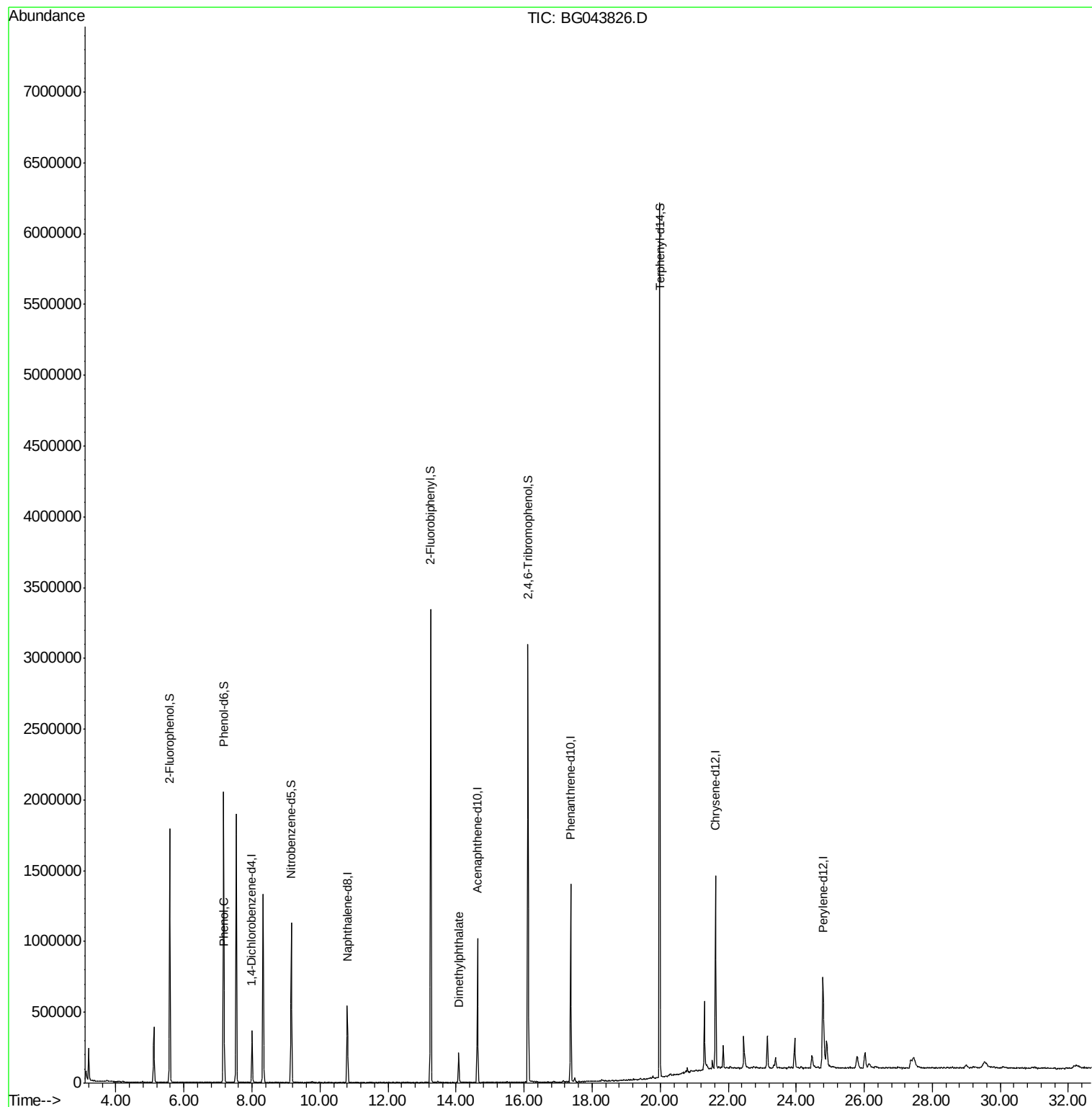
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	105895	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	481730	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	366168	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	879561	20.00	ng	0.00
76) Chrysene-d12	21.63	240	757763	20.00	ng	0.00
87) Perylene-d12	24.79	264	822564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	819995	146.72	ng	0.00
7) Phenol-d6	7.17	99	1226467	152.16	ng	0.00
23) Nitrobenzene-d5	9.16	82	713831	83.20	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	525537	150.55	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1716848	82.36	ng	0.00
79) Terphenyl-d14	19.99	244	2639651	83.80	ng	0.00
Target Compounds						
10) Phenol	7.19	94	30686	3.688	ng	84
50) Dimethylphthalate	14.08	163	148279	5.674	ng	99

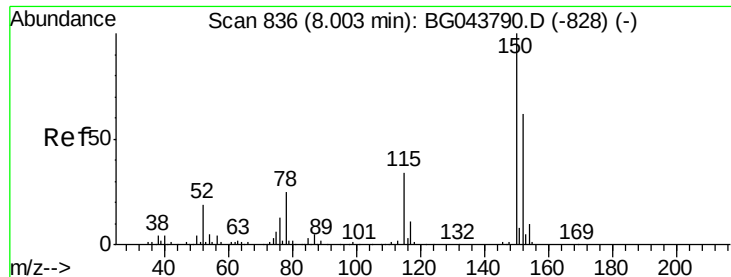
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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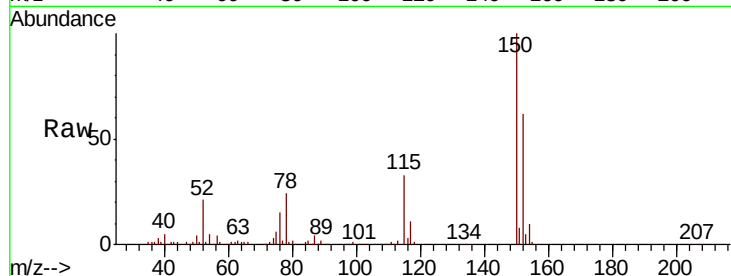


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	128.6	192.8
115	52.5	44.3	66.5

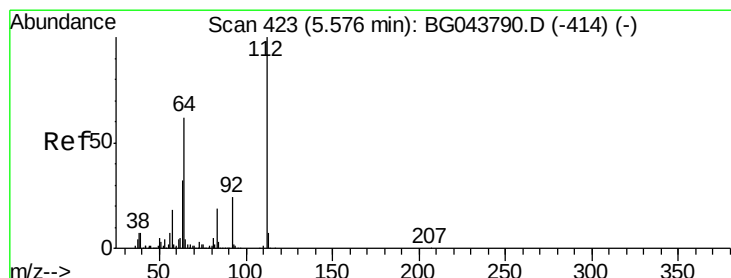
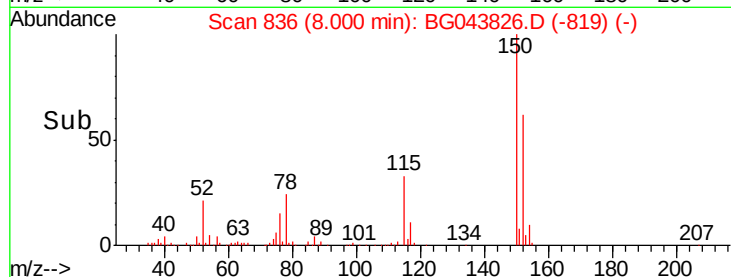
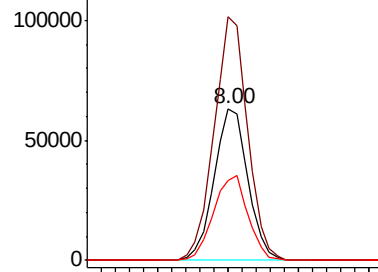


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

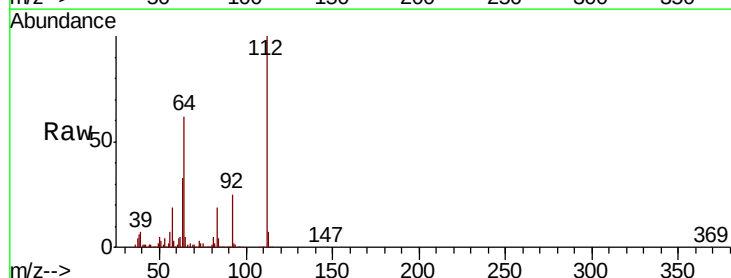
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 146.717 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.9	74.9
63	32.7	26.0	39.0

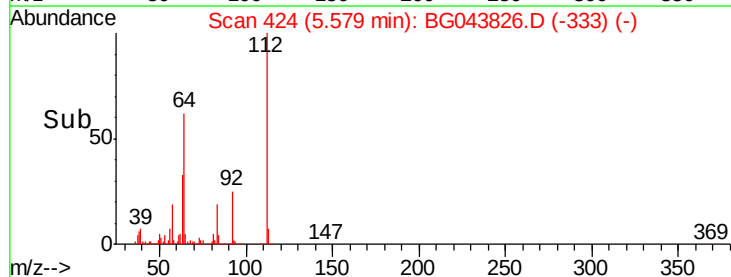
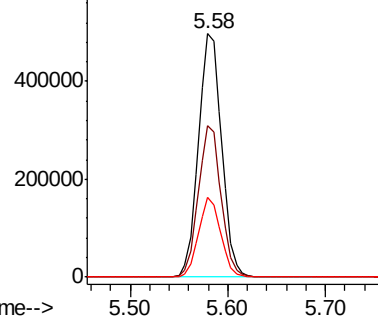


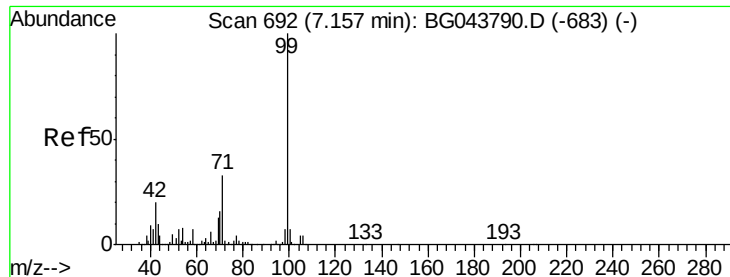
Abundance

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: 152.162 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043826.D

Acq: 17 Dec 2019 19:20

Instrument :

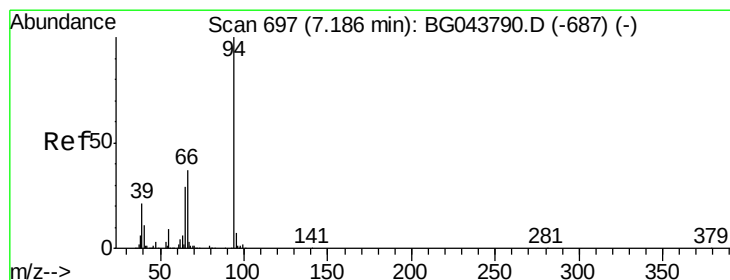
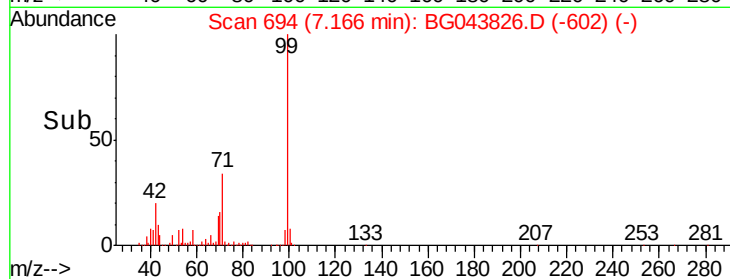
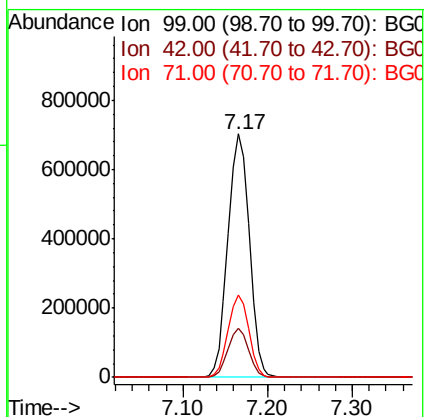
BNA_G

ClientSampled :

TP-1

Tot Ion: 99 Resp: 1226467

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.2	24.2
71	33.9	26.6	40.0



#10

Phenol

Concen: 3.688 ng

RT: 7.19 min Scan# 698

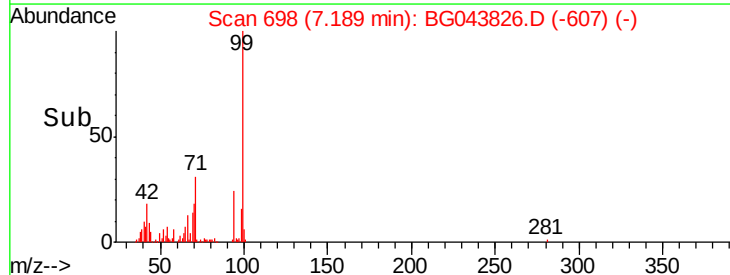
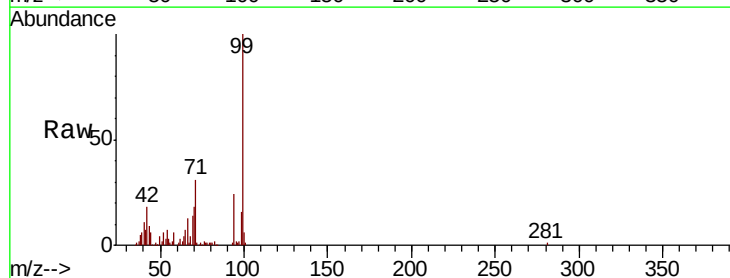
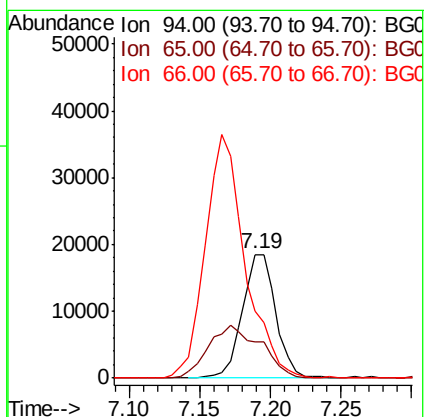
Delta R.T. 0.00 min

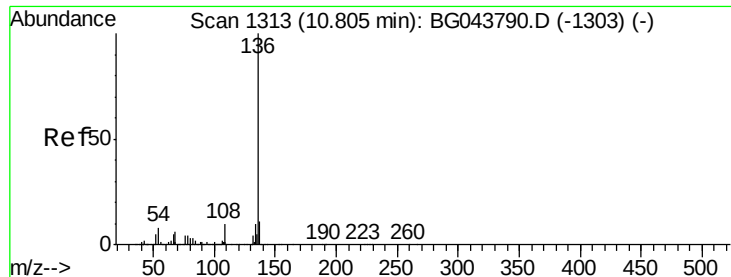
Lab File: BG043826.D

Acq: 17 Dec 2019 19:20

Tgt Ion: 94 Resp: 30686

Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.5	49.5
66	53.8	16.8	56.8

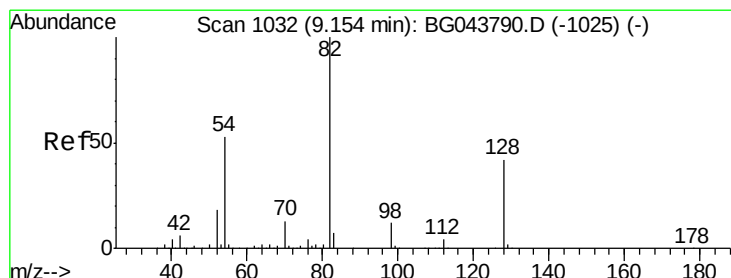
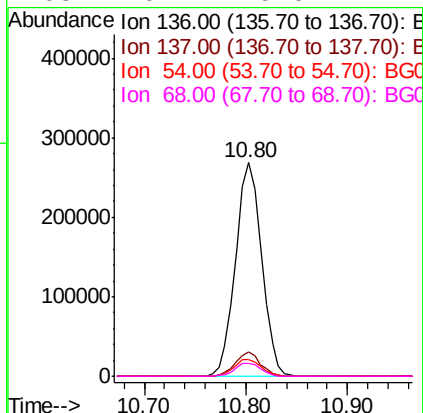
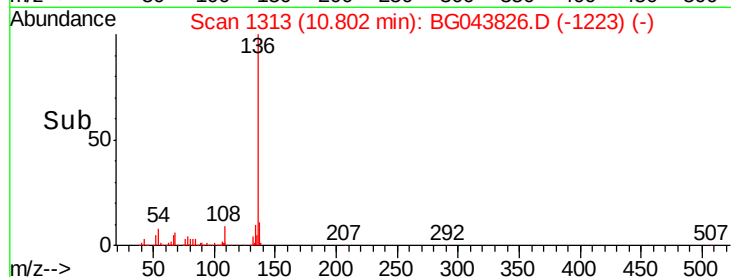
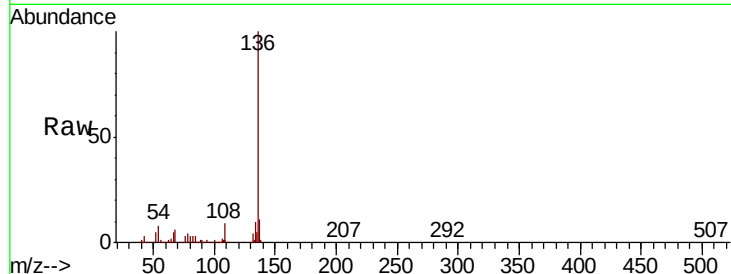




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

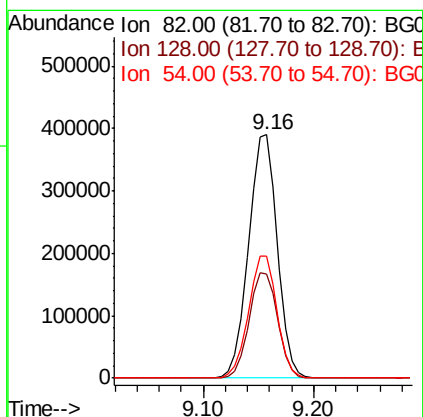
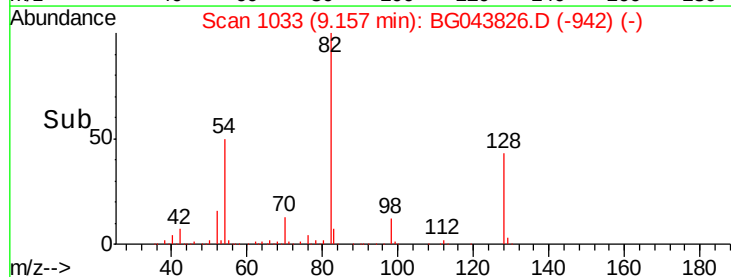
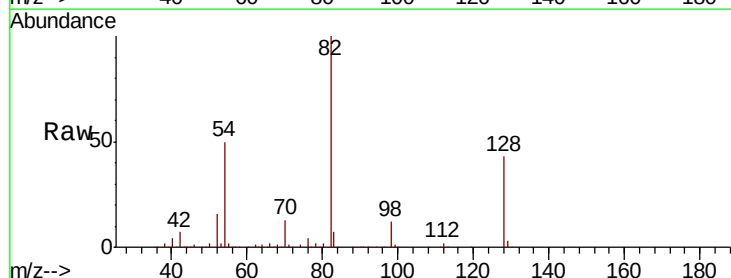
Instrument :
BNA_G
ClientSampleId :
TP-1

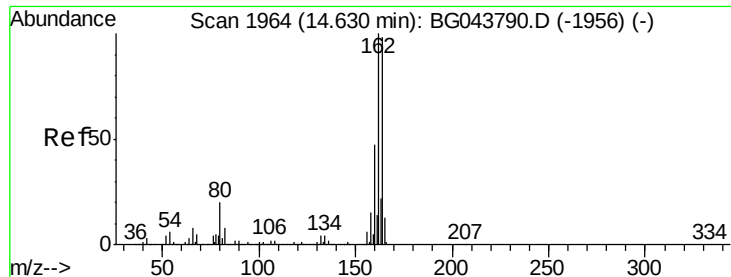
Tot Ion:136	Resp:	481730
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.7 13.1
54	7.7	6.8 10.2
68	6.2	5.0 7.4



#23
Nitrobenzene-d5
Concen: 83.199 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Tgt Ion: 82	Resp:	713831
Ion Ratio	Lower	Upper
82	100	
128	42.9	33.6 50.4
54	49.9	42.1 63.1

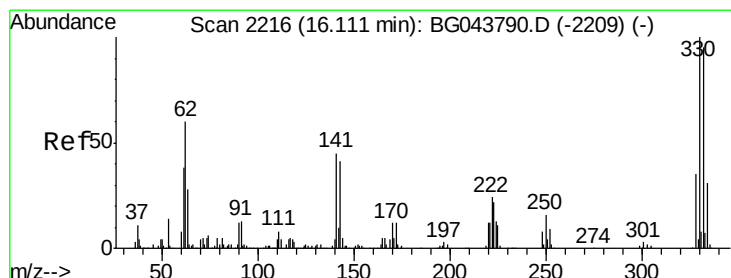
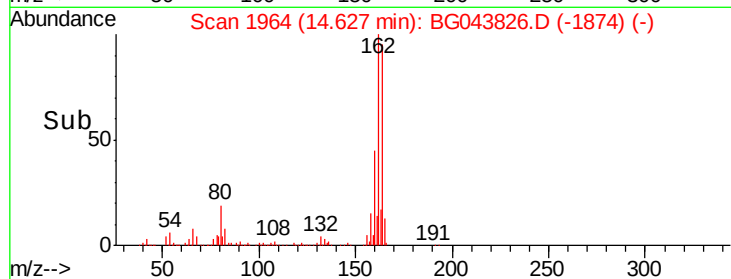
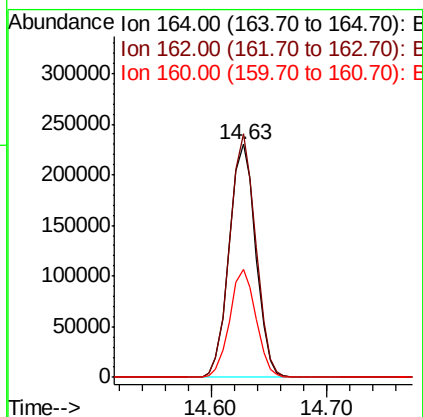
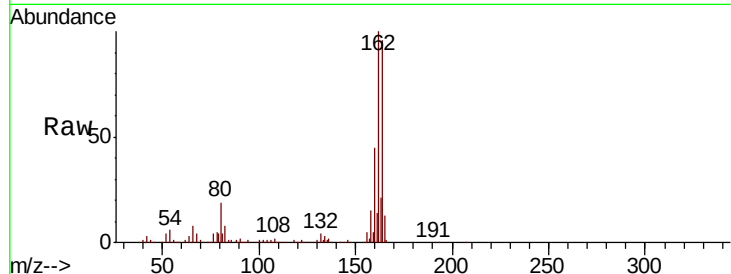




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

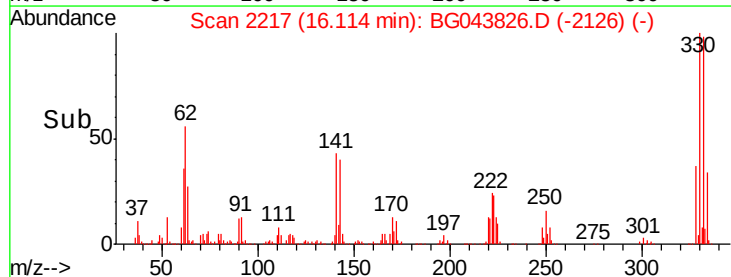
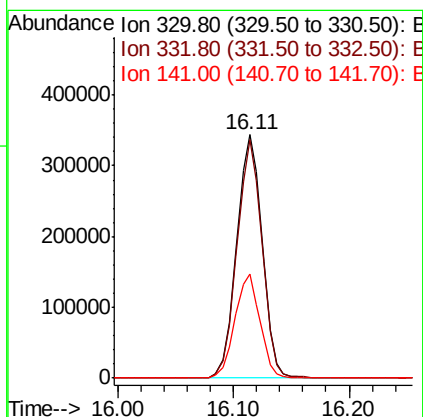
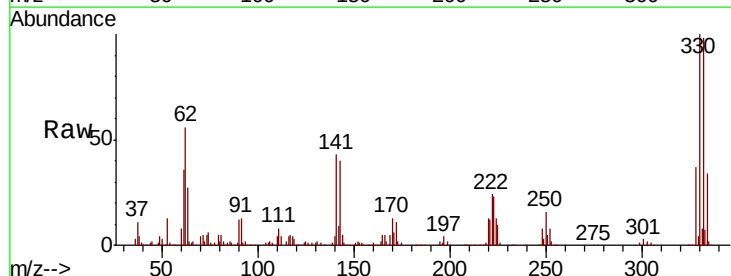
Instrument :
BNA_G
ClientSampleId :
TP-1

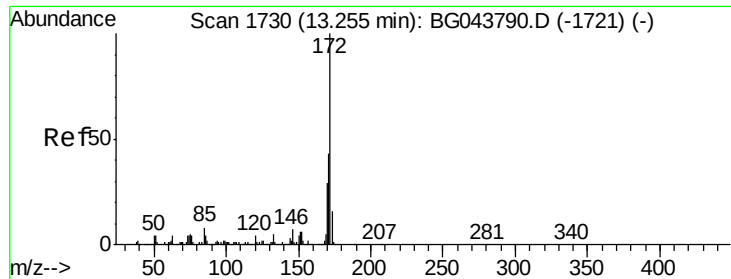
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.9	122.9
160	46.5	38.3	57.5



#42
2,4,6-Tribromophenol
Concen: 150.546 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	42.0	33.8	50.8

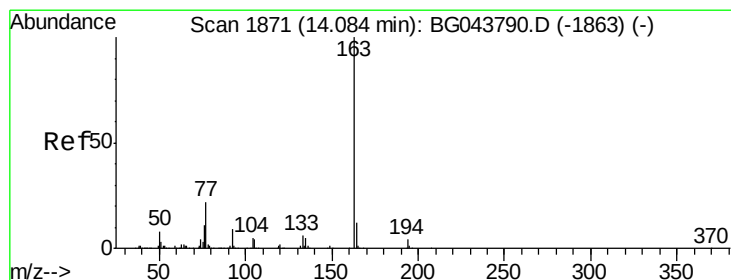
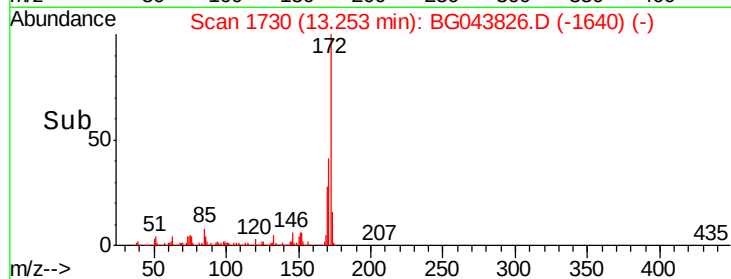
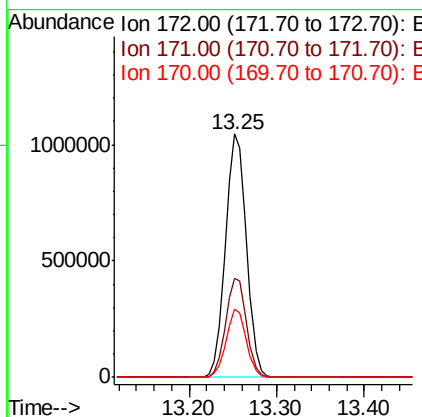
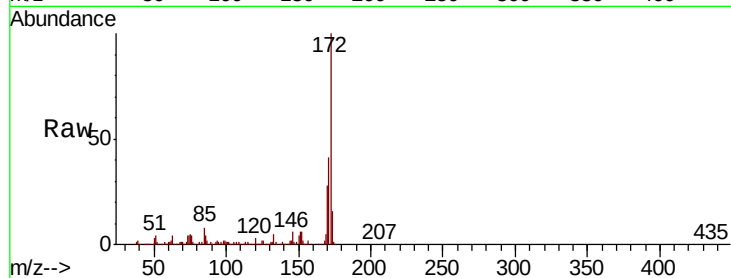




#45
2-Fluorobiphenyl
Concen: 82.360 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

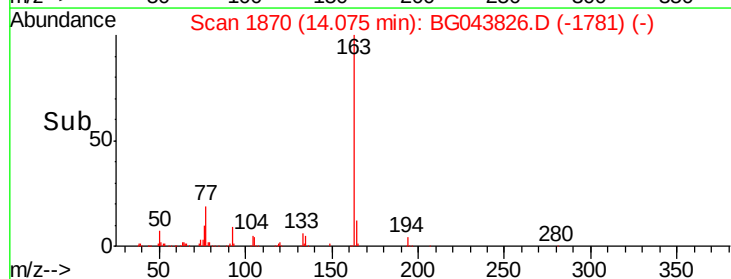
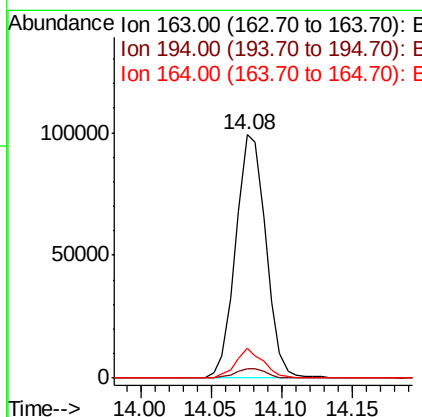
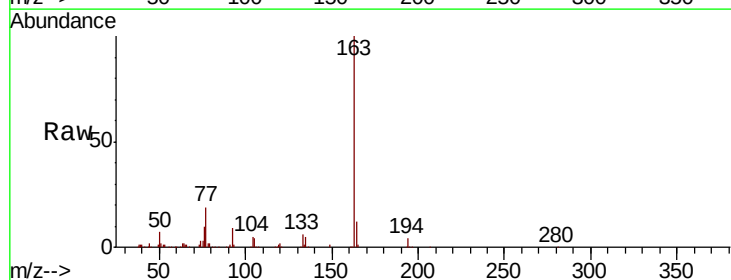
Instrument :
BNA_G
ClientSampled :
TP-1

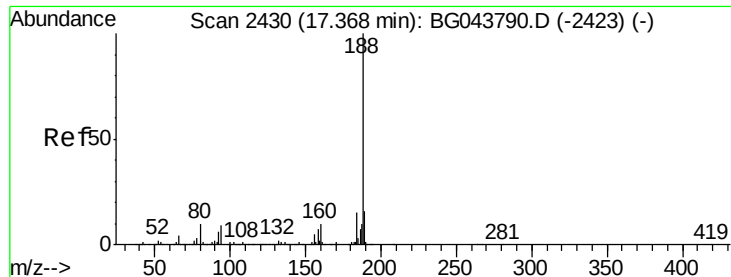
Tot Ion:172 Resp: 1716848
Ion Ratio Lower Upper
172 100
171 40.8 34.6 51.8
170 28.2 23.3 34.9



#50
Dimethylphthalate
Concen: 5.674 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Tgt Ion:163 Resp: 148279
Ion Ratio Lower Upper
163 100
194 3.9 3.6 5.4
164 12.2 9.4 14.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043826.D

Acq: 17 Dec 2019 19:20

Instrument :

BNA_G

ClientSampleId :

TP-1

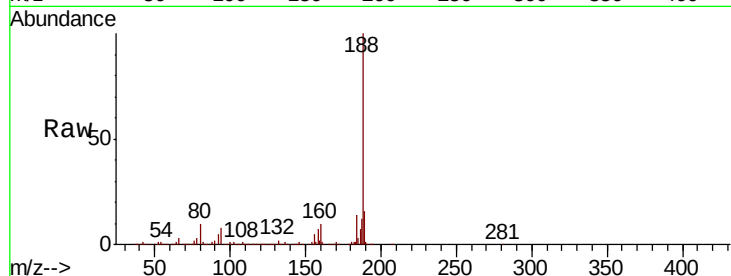
Tot Ion:188 Resp: 879561

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

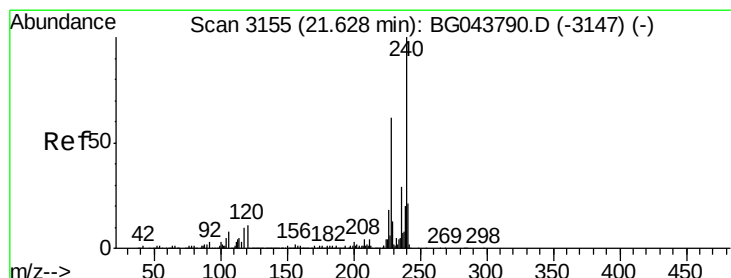
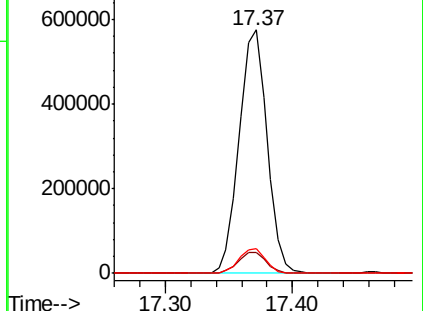
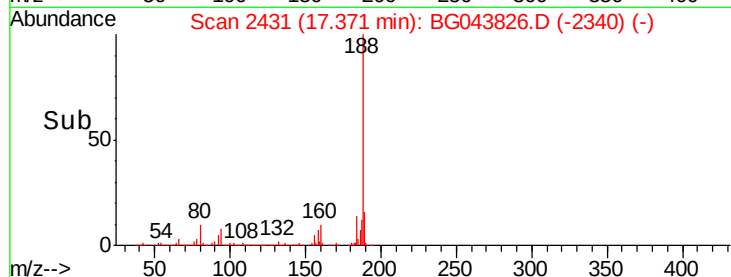
80 9.9 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG043826.D

Acq: 17 Dec 2019 19:20

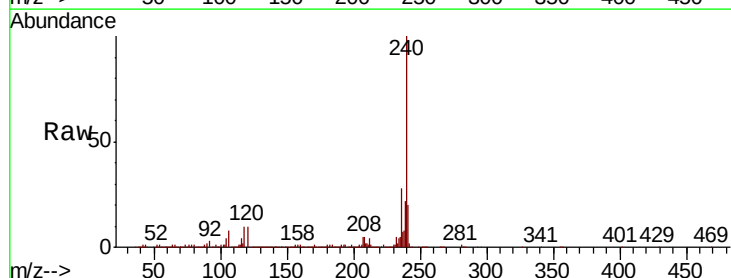
Tgt Ion:240 Resp: 757763

Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

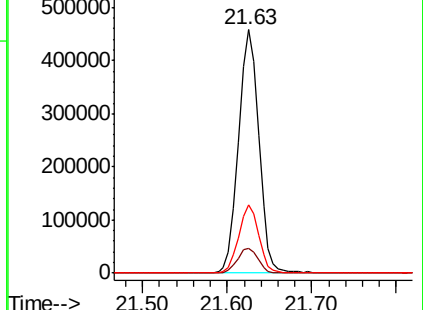
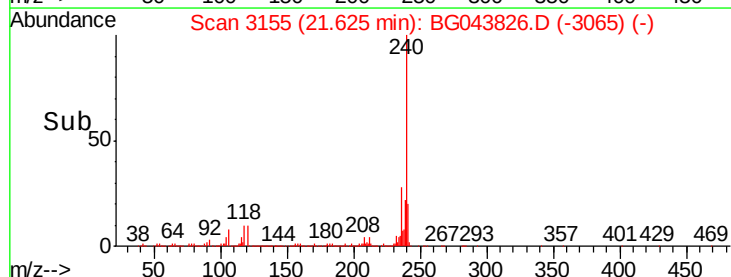
236 28.3 23.1 34.7

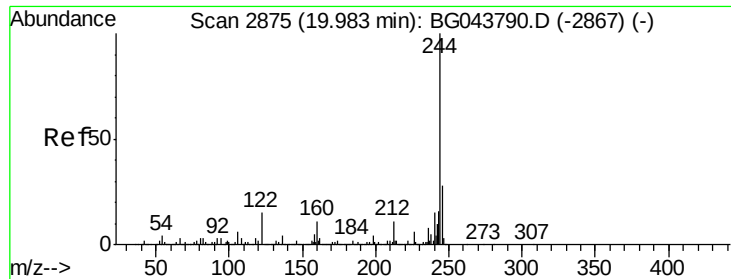


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.805 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043826.D

Acq: 17 Dec 2019 19:20

Instrument :

BNA_G

ClientSampleId :

TP-1

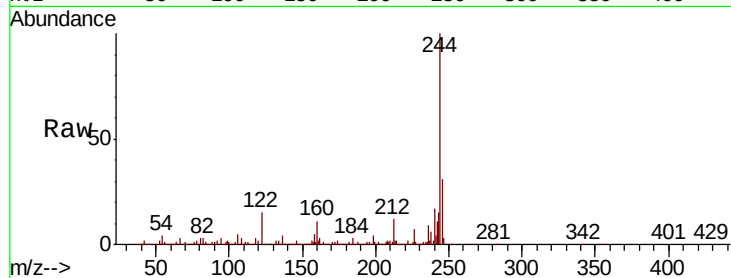
Tot Ion:244 Resp: 2639651

Ion Ratio Lower Upper

244 100

212 12.2 9.1 13.7

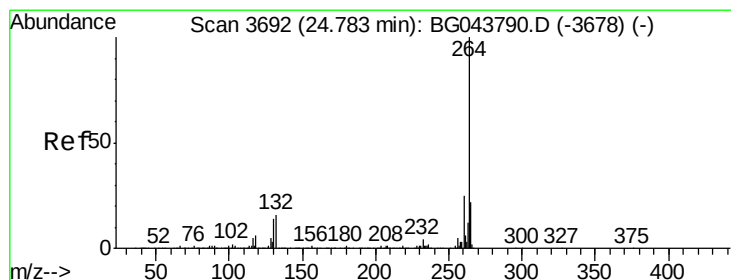
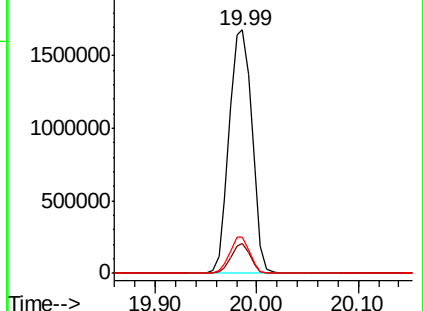
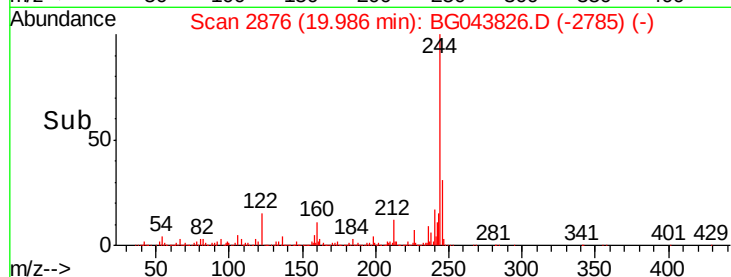
122 15.1 11.6 17.4



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: 24.79 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG043826.D

Acq: 17 Dec 2019 19:20

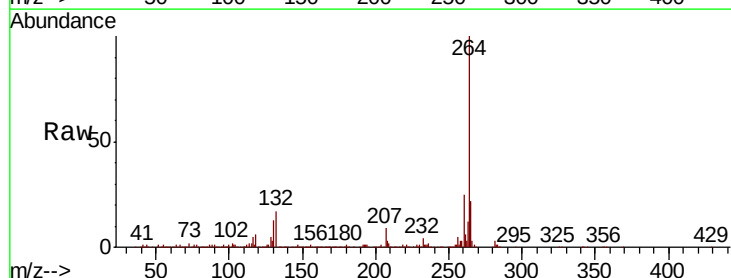
Tgt Ion:264 Resp: 822564

Ion Ratio Lower Upper

264 100

260 25.2 19.8 29.8

265 22.4 17.9 26.9



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

