

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042818.D
 Acq On : 13 Sep 2019 16:00
 Operator : HP/JU
 Sample : K4596-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S403-K1-2.0-2.5-082819

Quant Time: Sep 13 17:03:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

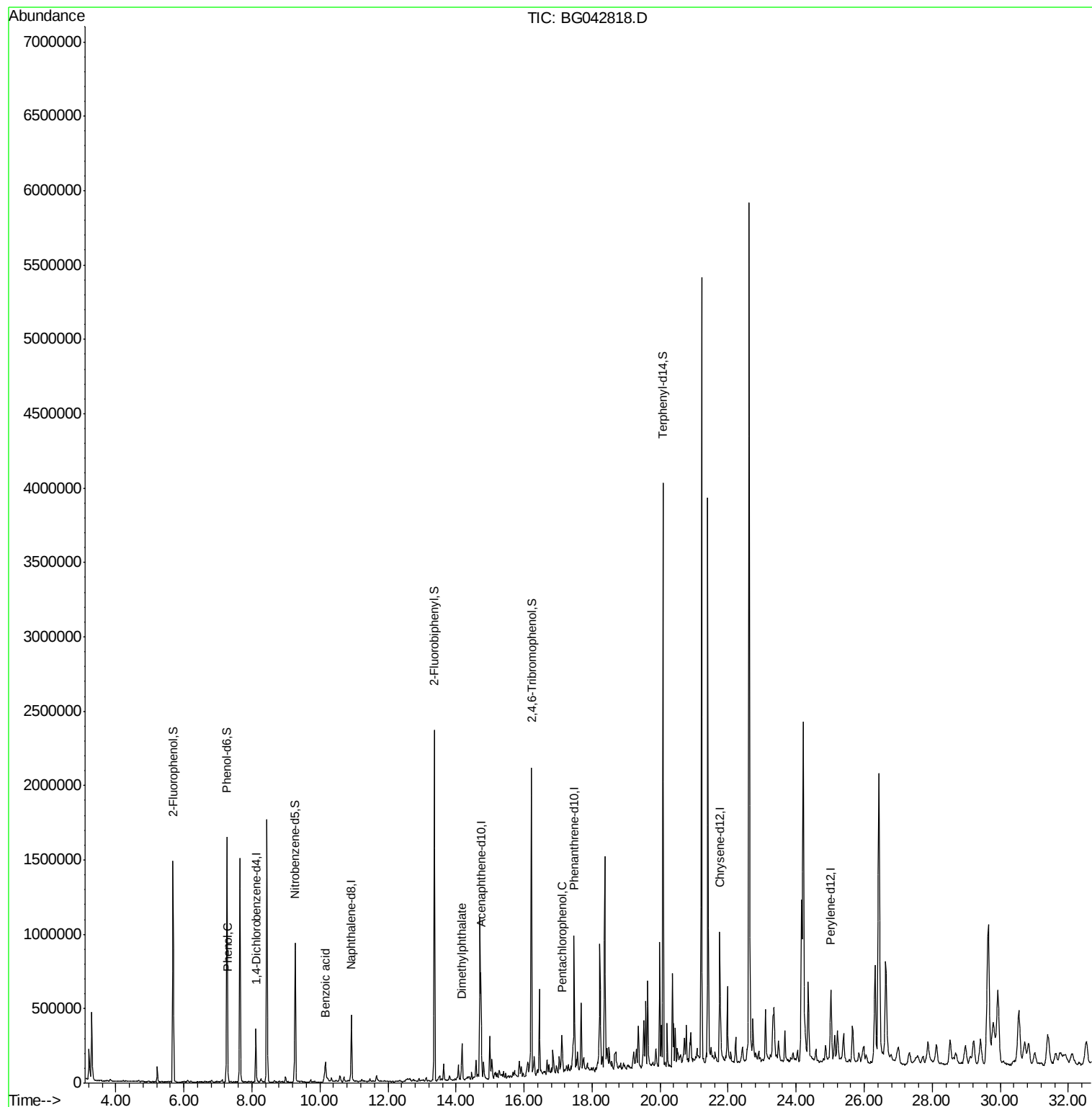
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	96121	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	383785	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	251692	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	543306	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	514961	20.00	ng	-0.01
87) Perylene-d12	25.02	264	552970	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	596614	107.91	ng	0.00
7) Phenol-d6	7.27	99	918337	115.72	ng	0.00
23) Nitrobenzene-d5	9.27	82	569829	77.30	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	374385	111.80	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1254154	78.88	ng	-0.01
79) Terphenyl-d14	20.08	244	1771145	76.23	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	44274	5.440	ng	92
32) Benzoic acid	10.16	122	76466	21.347	ng	91
50) Dimethylphthalate	14.18	163	145420	7.713	ng	99
70) Pentachlorophenol	17.12	266	32070	7.694	ng	89

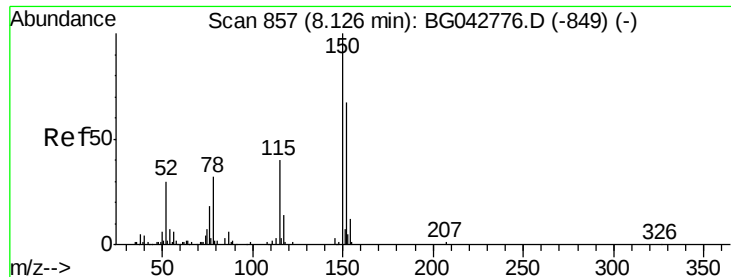
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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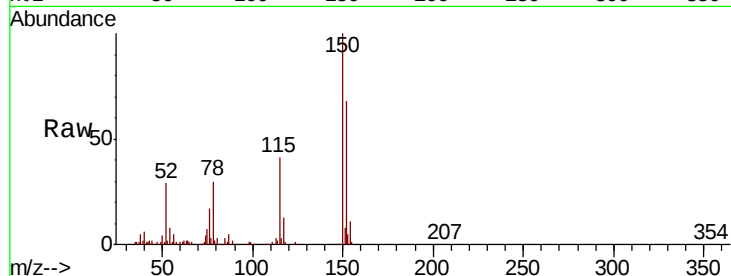


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Instrument :
BNA_G
ClientSampleId :
S403-K1-2.0-2.5-082819

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	118.9	178.3
115	60.7	47.4	71.2

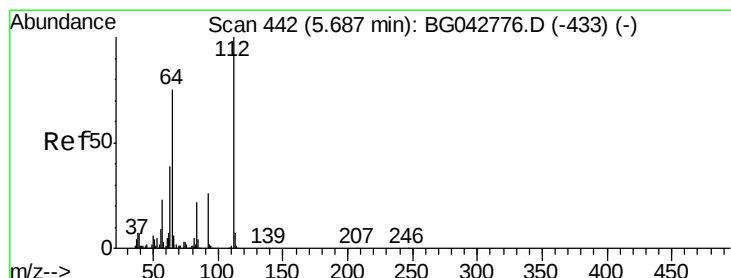
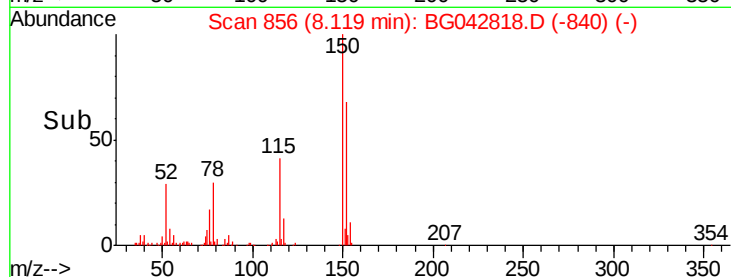
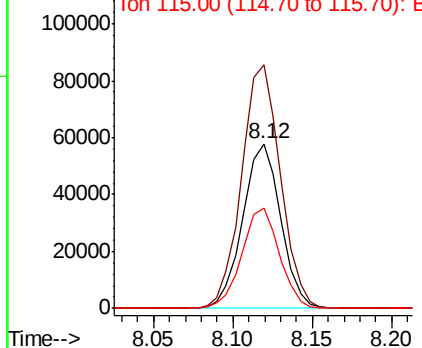


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

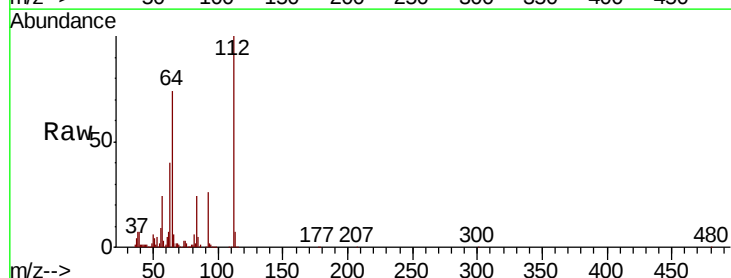
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.910 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.9	60.2	90.2
63	40.3	31.2	46.8

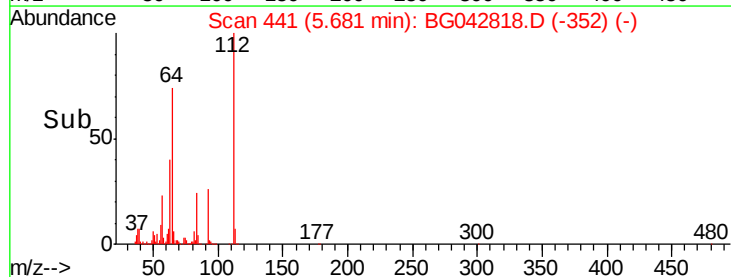
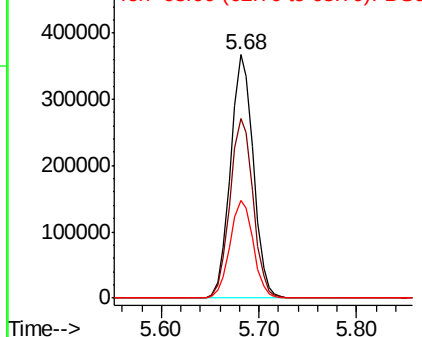


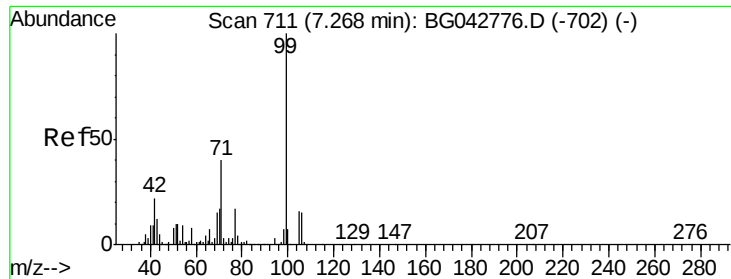
Abundance

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: 115.722 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042818.D

Acq: 13 Sep 2019 16:00

Instrument :

BNA_G

ClientSampleId :

S403-K1-2.0-2.5-082819

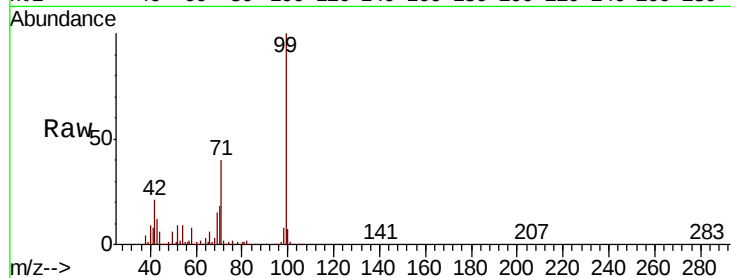
Tot Ion: 99 Resp: 918337

Ion Ratio Lower Upper

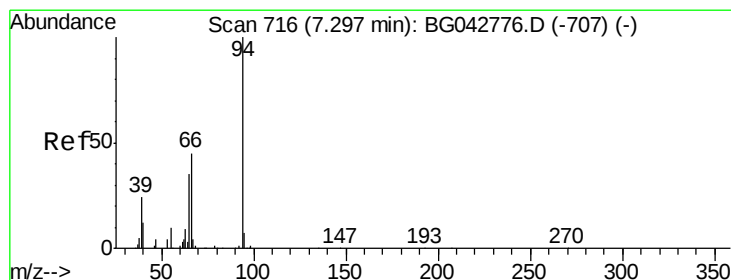
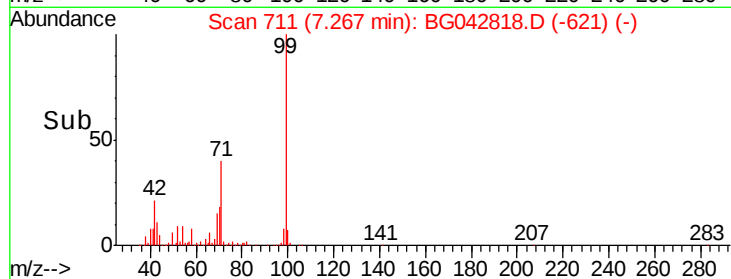
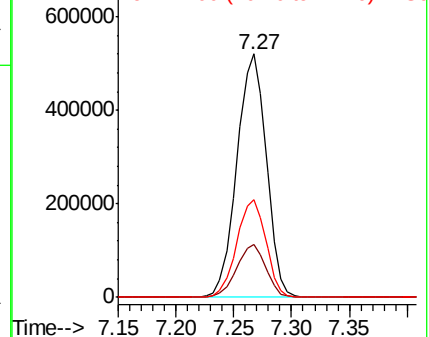
99 100

42 21.5 17.5 26.3

71 39.9 32.0 48.0



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: 5.440 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG042818.D

Acq: 13 Sep 2019 16:00

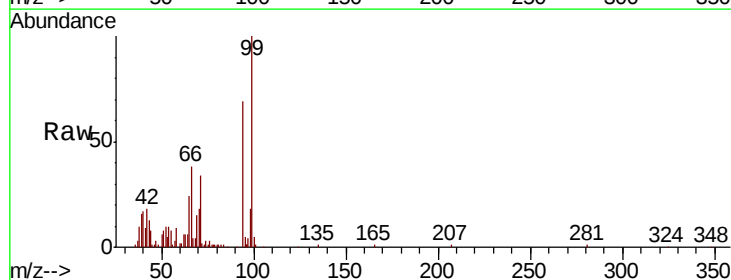
Tgt Ion: 94 Resp: 44274

Ion Ratio Lower Upper

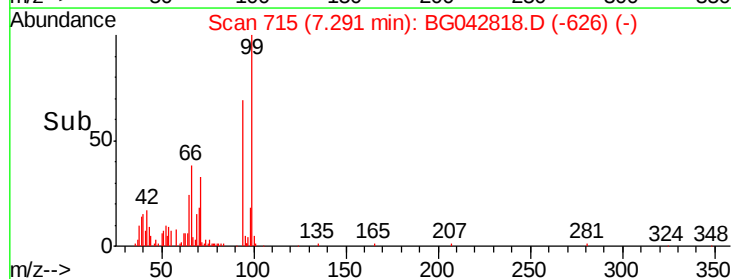
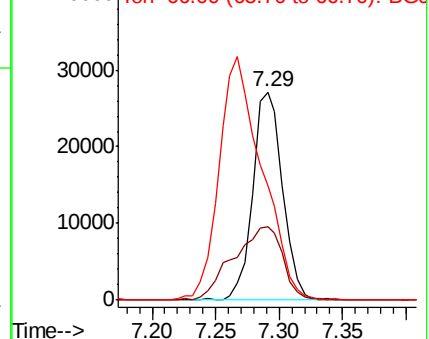
94 100

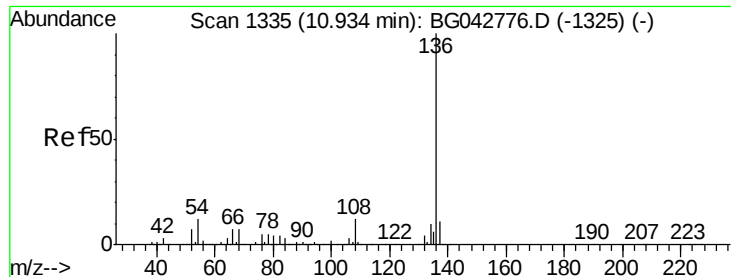
65 35.1 15.0 55.0

66 54.9 26.1 66.1



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

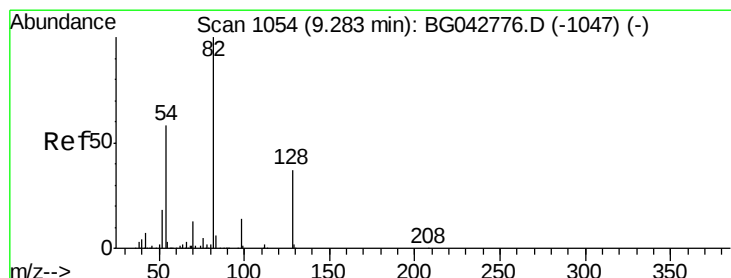
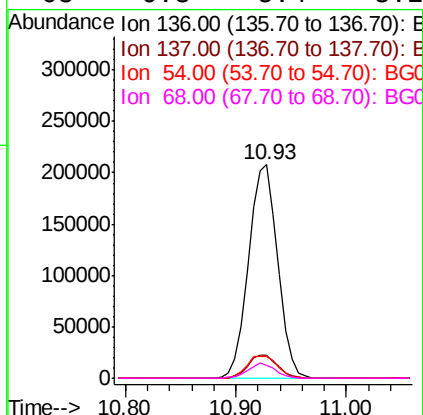
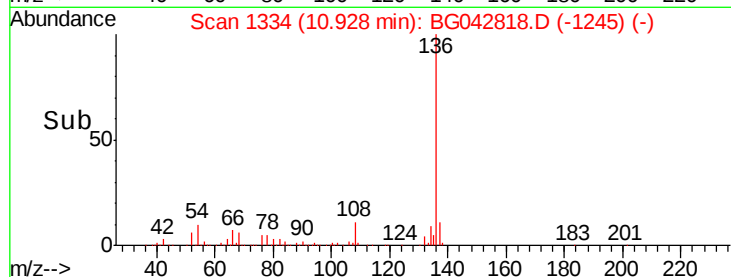
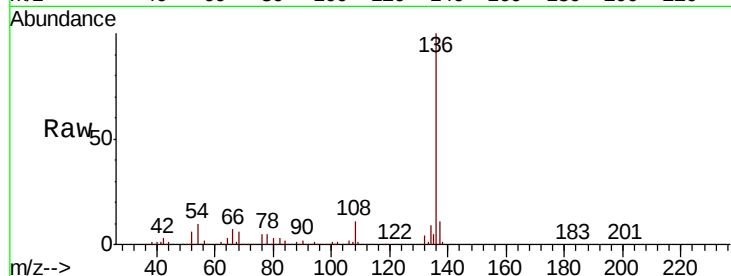




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

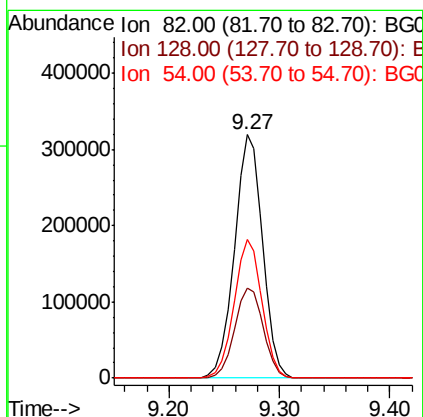
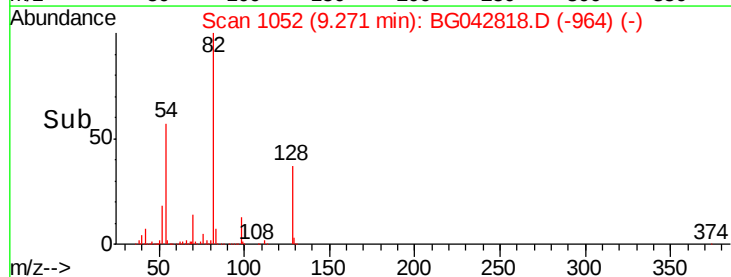
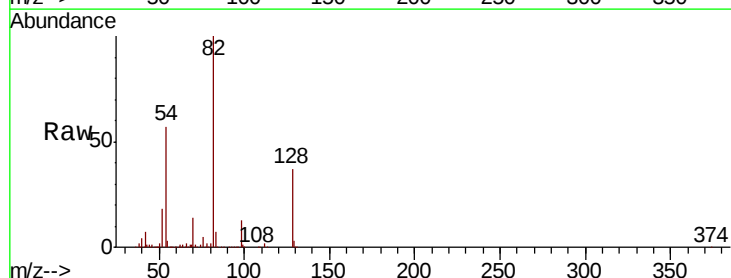
Instrument :
BNA_G
ClientSampleId :
S403-K1-2.0-2.5-082819

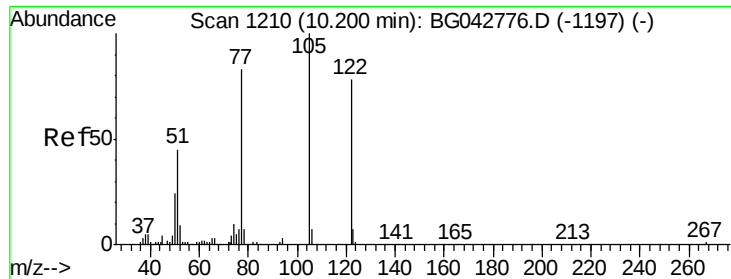
Tot Ion:136	Resp:	383785
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.0	13.6
54 10.5	9.4	14.0
68 6.3	5.4	8.2



#23
Nitrobenzene-d5
Concen: 77.300 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Tgt Ion	82	Resp: Lower	569829 Upper
	Ratio 100		
128	37.0	29.8	44.8
54	57.2	46.1	69.1





#32

Benzoic acid

Concen: 21.347 ng

RT: 10.16 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BG042818.D

Acq: 13 Sep 2019 16:00

Instrument :

BNA_G

ClientSampleId :

S403-K1-2.0-2.5-082819

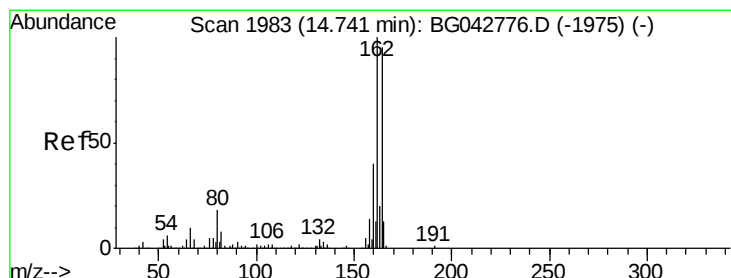
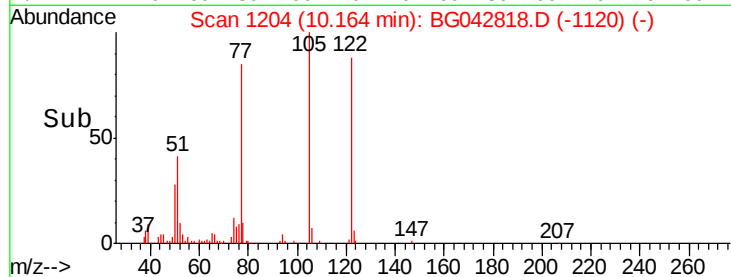
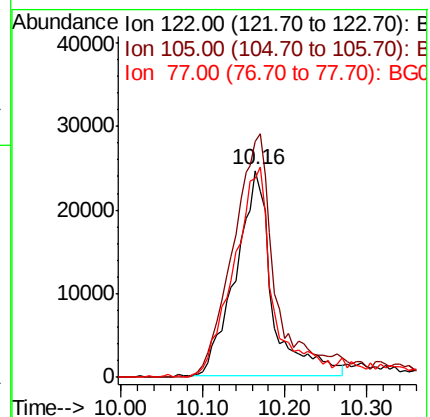
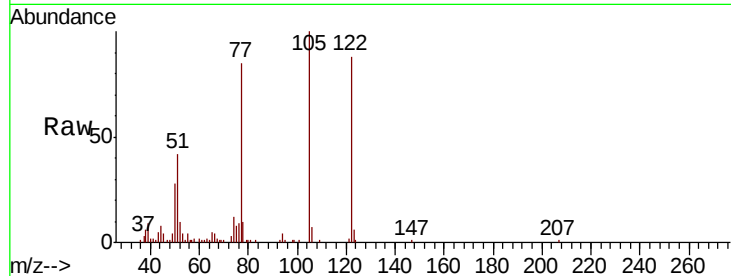
Tot Ion:122 Resp: 76466

Ion Ratio Lower Upper

122 100

105 113.6 104.0 144.0

77 96.2 84.2 124.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042818.D

Acq: 13 Sep 2019 16:00

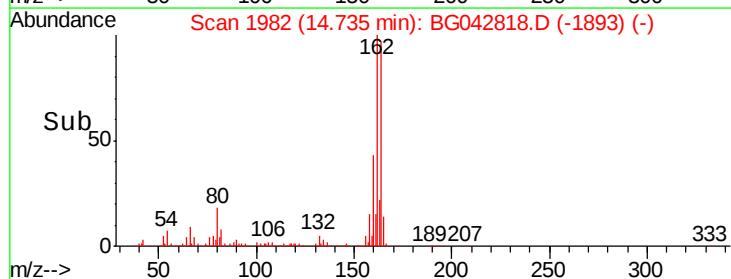
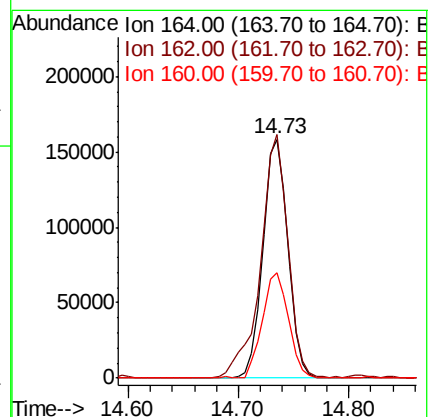
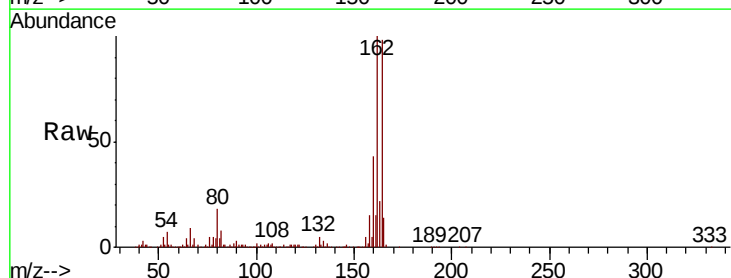
Tgt Ion:164 Resp: 251692

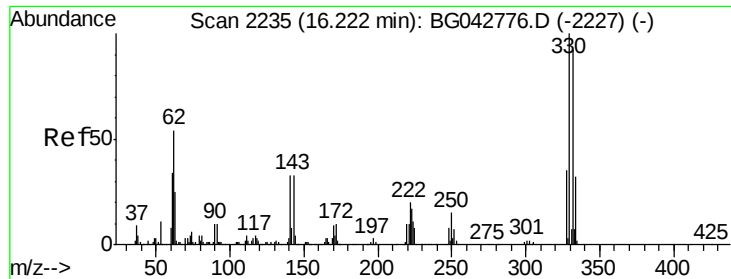
Ion Ratio Lower Upper

164 100

162 101.9 84.6 126.8

160 44.0 34.2 51.2

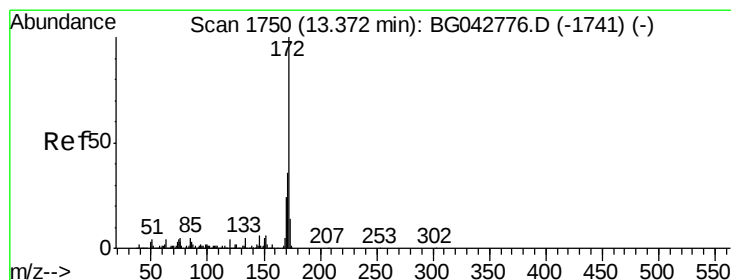
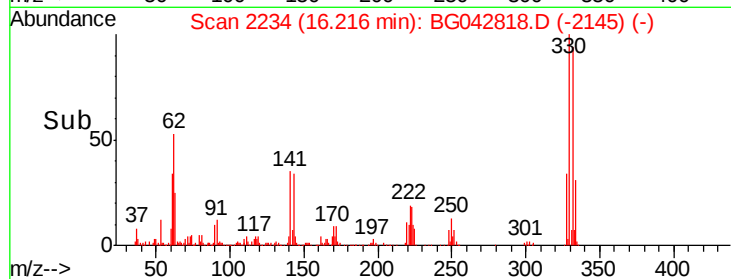
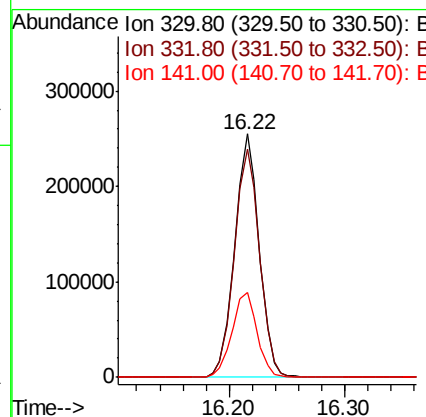
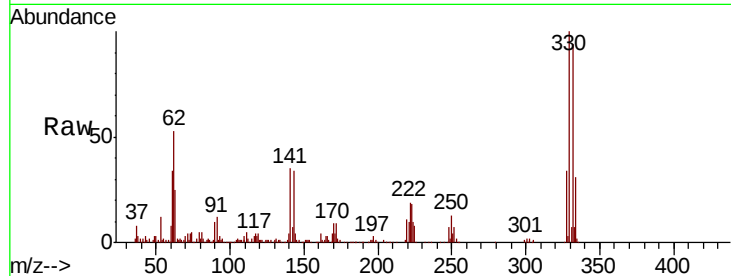




#42
 2,4,6-Tribromophenol
 Concen: 111.805 ng
 RT: 16.22 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BG042818.D
 Acq: 13 Sep 2019 16:00

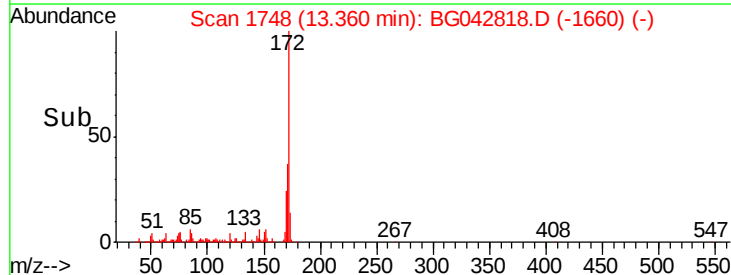
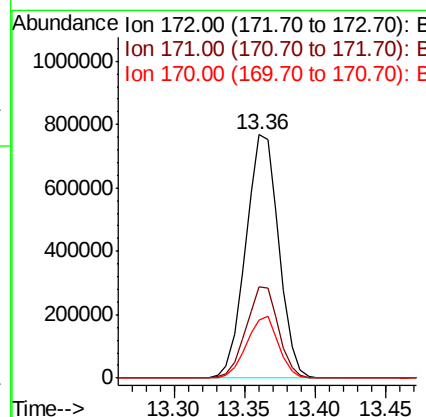
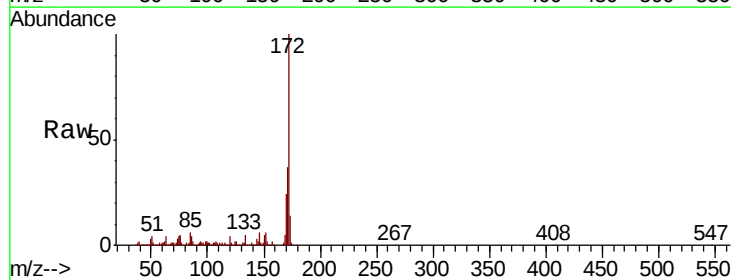
Instrument :
 BNA_G
 ClientSampleId :
 S403-K1-2.0-2.5-082819

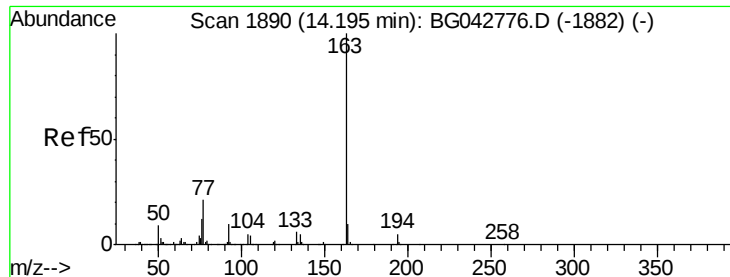
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	35.6	27.0	40.6



#45
 2-Fluorobiphenyl
 Concen: 78.876 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG042818.D
 Acq: 13 Sep 2019 16:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.9	43.3
170	23.6	19.1	28.7

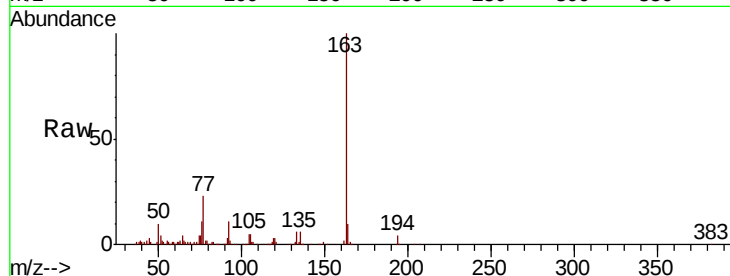




#50
Dimethylphthalate
Concen: 7.713 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Instrument :
BNA_G
ClientSampleId :
S403-K1-2.0-2.5-082819

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.2	6.4
164	10.4	8.4	12.6

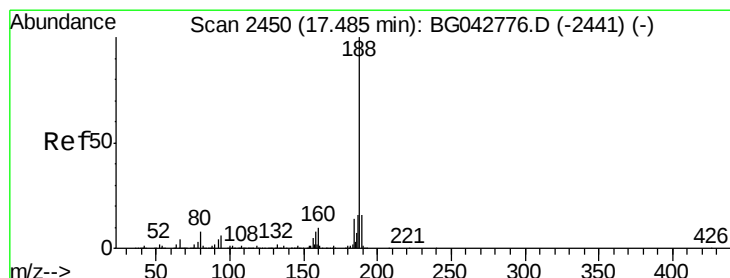
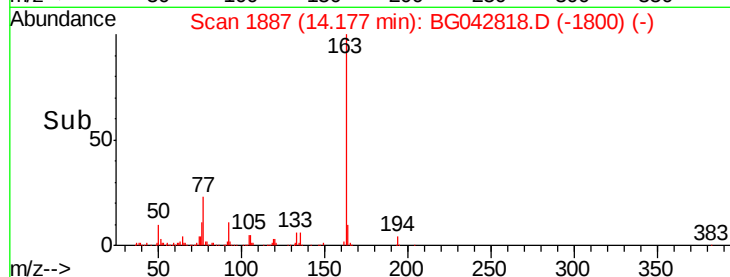
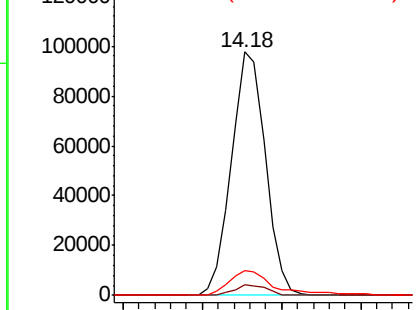


Abundance

Ion 163.00 (162.70 to 163.70): E

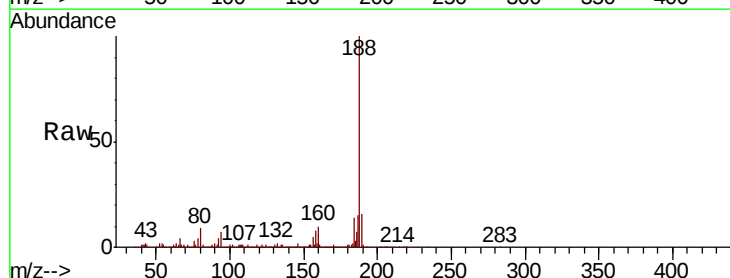
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	4.8	7.2#
80	9.2	6.6	9.8

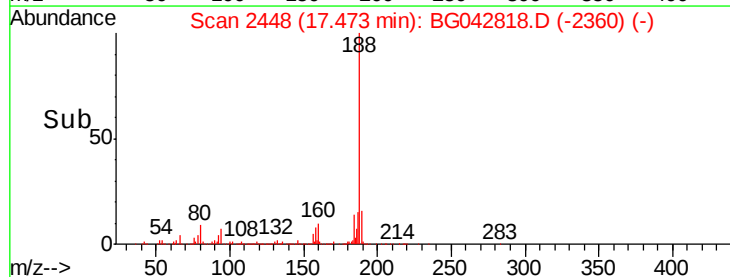
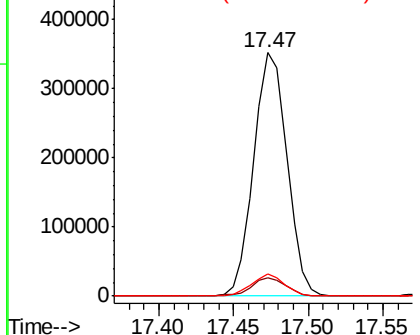


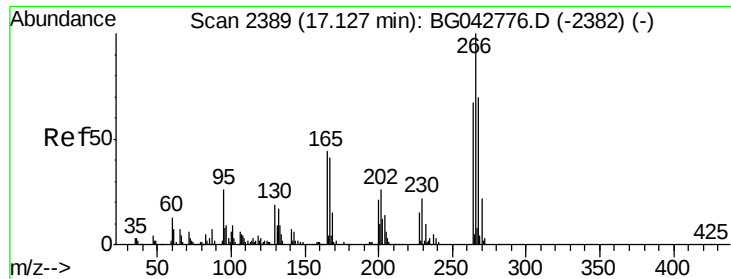
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

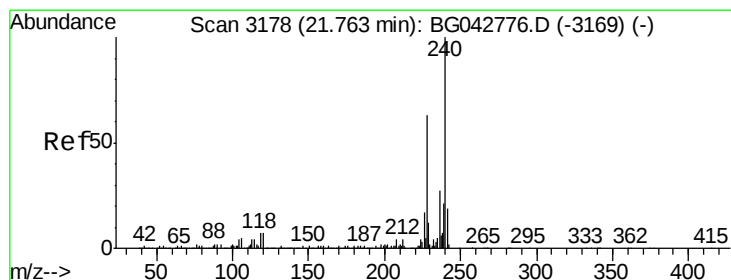
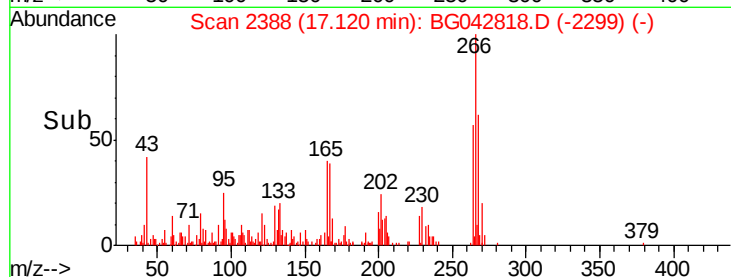
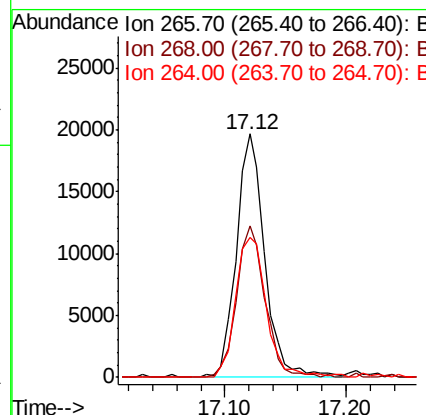
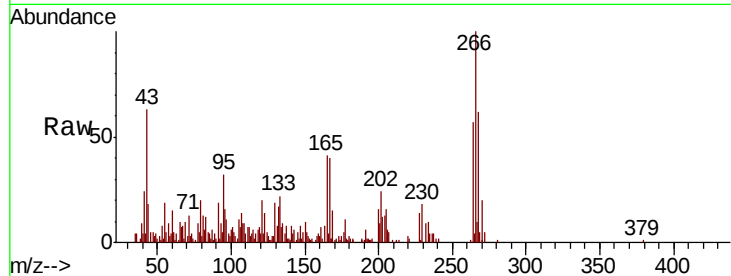




#70
 Pentachlorophenol
 Concen: 7.694 ng
 RT: 17.12 min Scan# 2388
 Delta R.T. -0.01 min
 Lab File: BG042818.D
 Acq: 13 Sep 2019 16:00

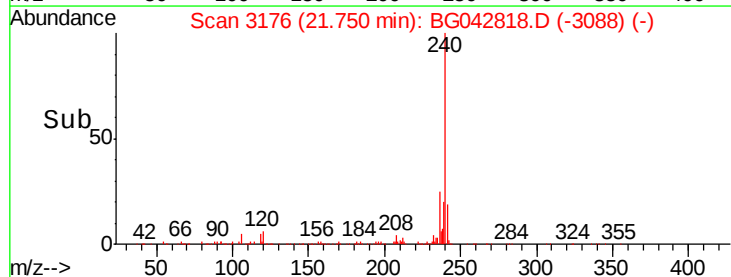
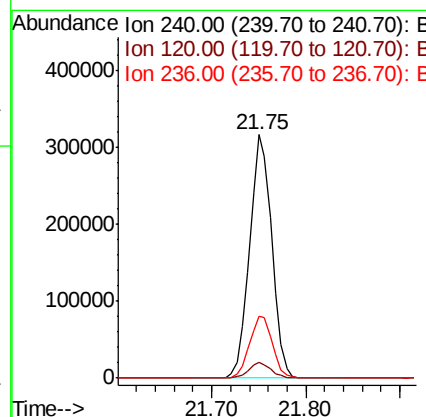
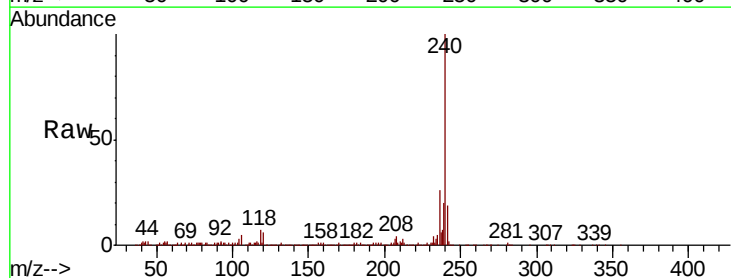
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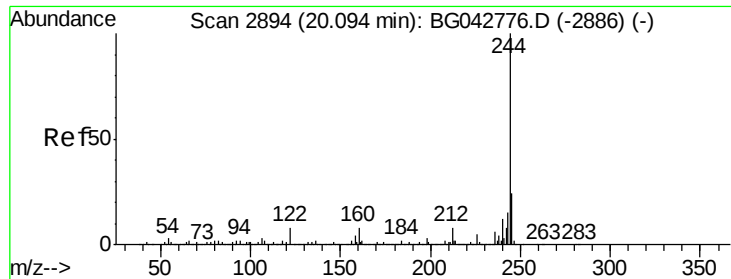
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.1	56.2	84.4
264	57.5	53.4	80.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG042818.D
 Acq: 13 Sep 2019 16:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.4	8.2
236	25.7	21.7	32.5





#79

Terphenyl-d14

Concen: 76.226 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042818.D

Acq: 13 Sep 2019 16:00

Instrument :

BNA_G

ClientSampleId :

S403-K1-2.0-2.5-082819

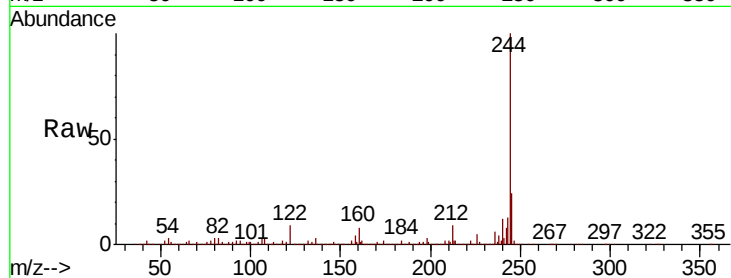
Tot Ion:244 Resp: 1771145

Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

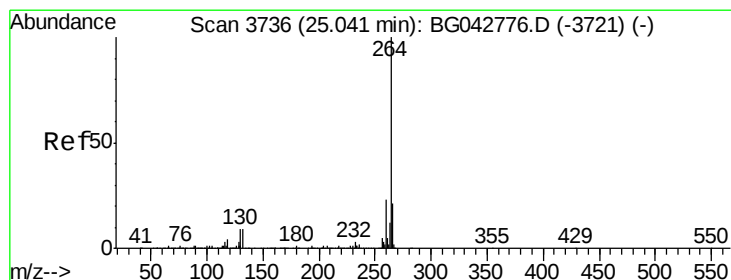
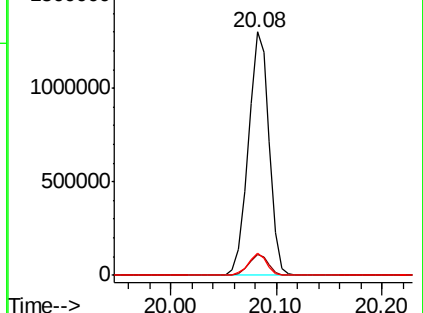
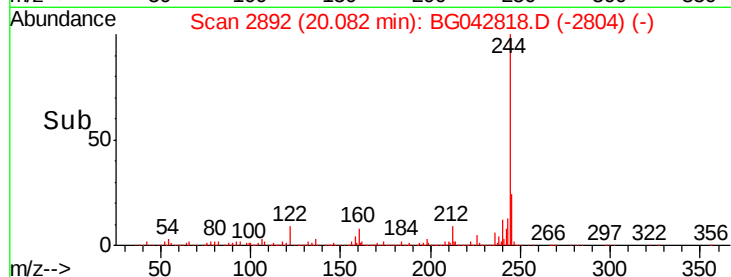
122 8.9 6.2 9.4



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: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042818.D

Acq: 13 Sep 2019 16:00

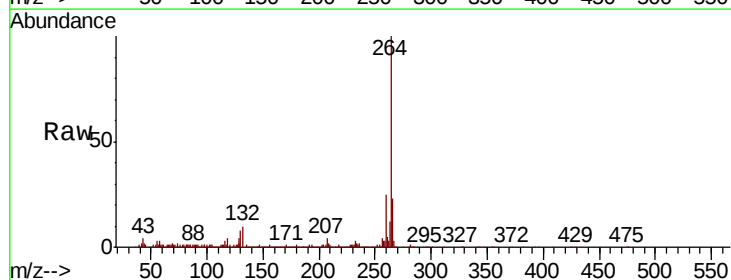
Tgt Ion:264 Resp: 552970

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.2

265 23.5 16.9 25.3



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

