

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046522.D
 Acq On : 3 Sep 2020 18:49
 Operator : CG/JU
 Sample : L3871-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220

Quant Time: Sep 04 02:00:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	84918	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	322750	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	205498	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	473658	20.00	ng	0.00
76) Chrysene-d12	21.55	240	503189	20.00	ng	0.00
86) Perylene-d12	24.65	264	490814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	529759	110.50	ng	0.00
7) Phenol-d6	7.10	99	613902	90.33	ng	0.00
23) Nitrobenzene-d5	9.08	82	499058	88.38	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	311432	111.85	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1187127	88.19	ng	0.00
79) Terphenyl-d14	19.92	244	1823188	77.11	ng	0.00

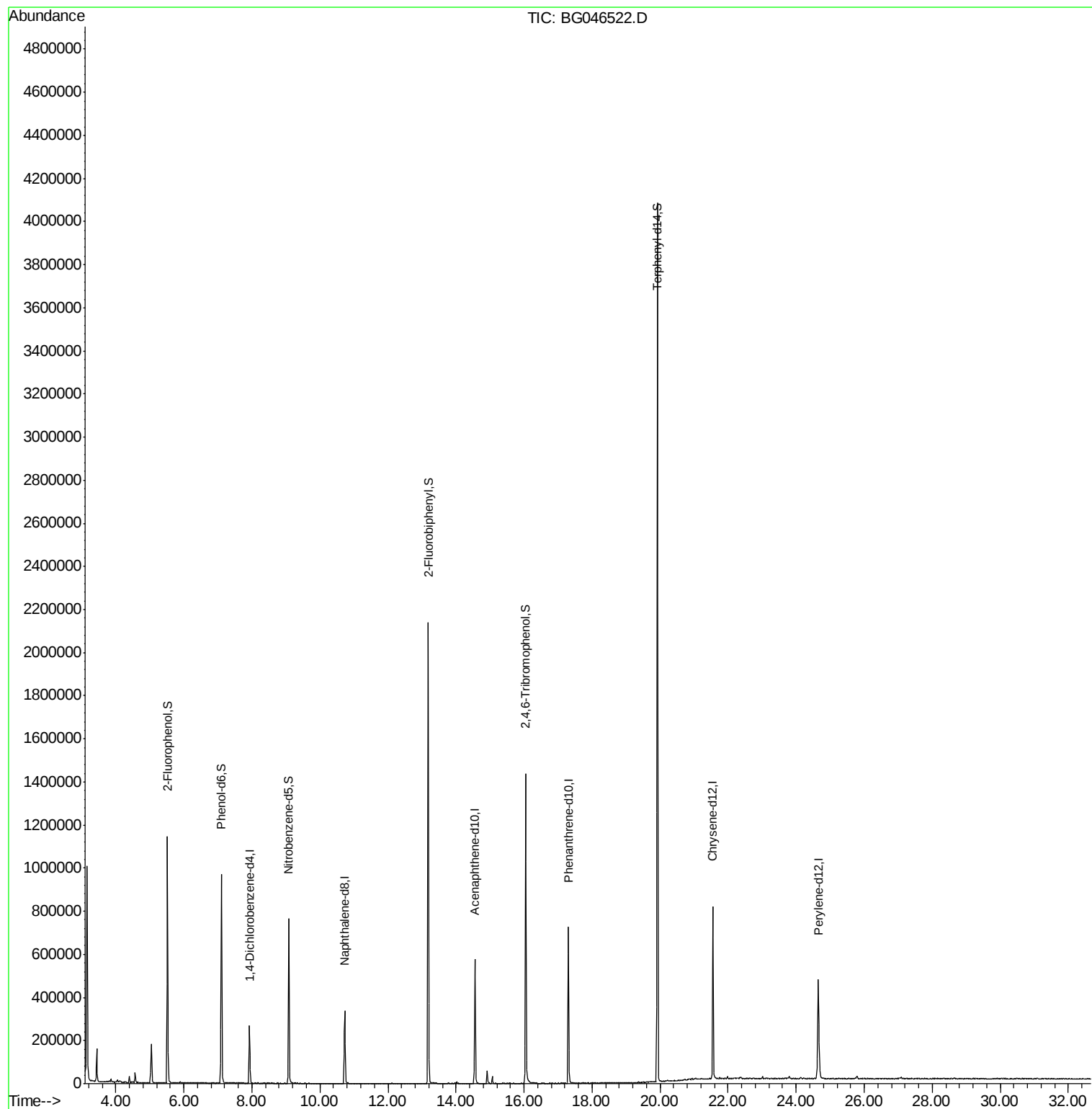
Target Compounds Qvalue

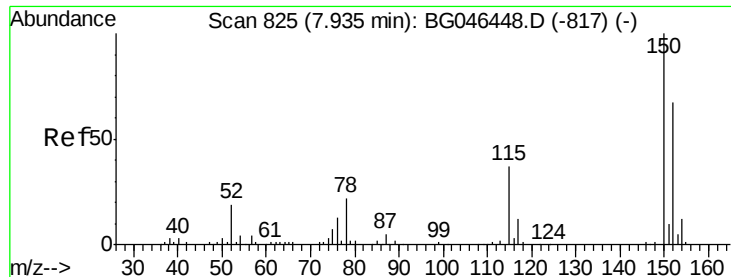
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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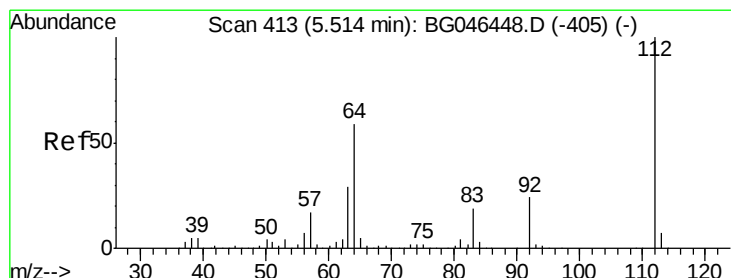
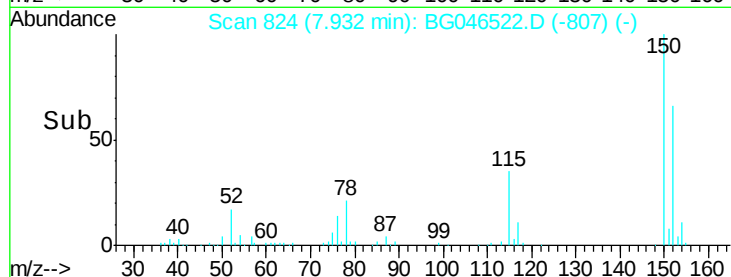
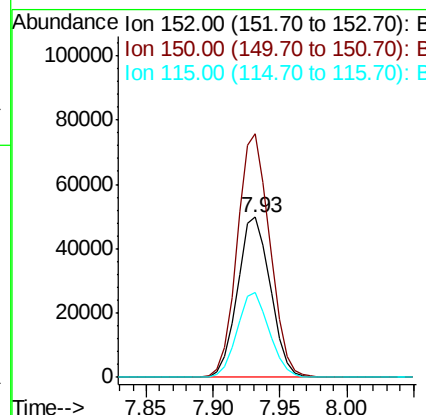
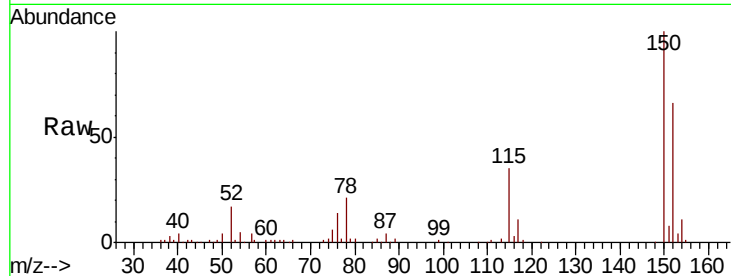


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046522.D
Acq: 3 Sep 2020 18:49

Instrument :
BNA_G
ClientSampleId :
TR-05-090220

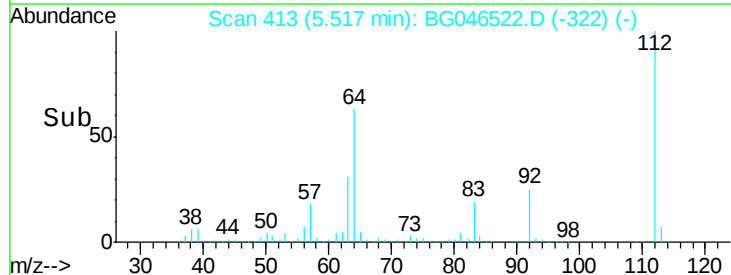
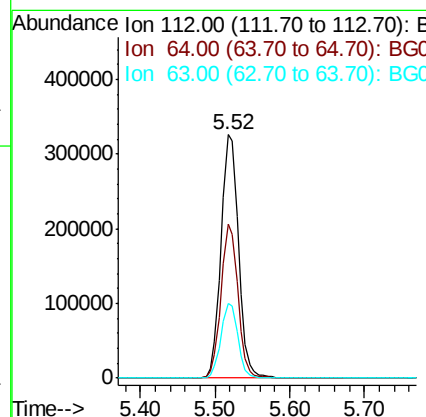
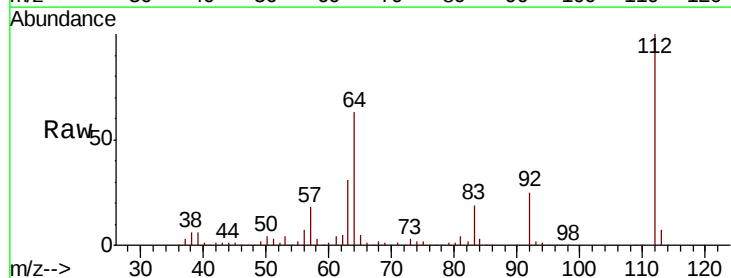
Tot Ion:152 Resp: 84918
Ion Ratio Lower Upper
152 100
150 152.0 119.5 179.3
115 52.8 44.3 66.5



#5

2-Fluorophenol
Concen: 110.495 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046522.D
Acq: 3 Sep 2020 18:49

Tgt Ion:112 Resp: 529759
Ion Ratio Lower Upper
112 100
64 63.1 47.0 70.6
63 30.9 23.5 35.3





#7

Phenol-d6

Concen: 90.325 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046522.D

Acq: 3 Sep 2020 18:49

Instrument :

BNA_G

ClientSampleId :

TR-05-090220

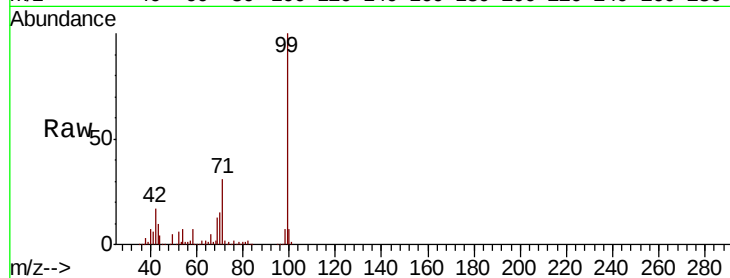
Tot Ion: 99 Resp: 613902

Ion Ratio Lower Upper

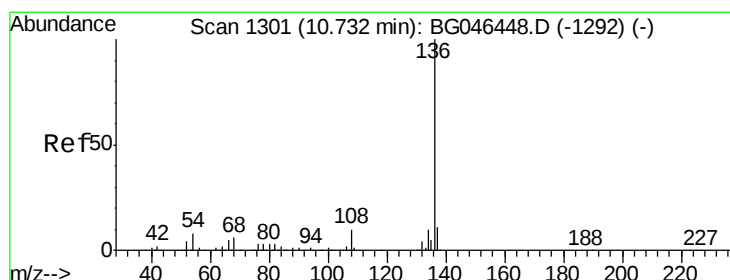
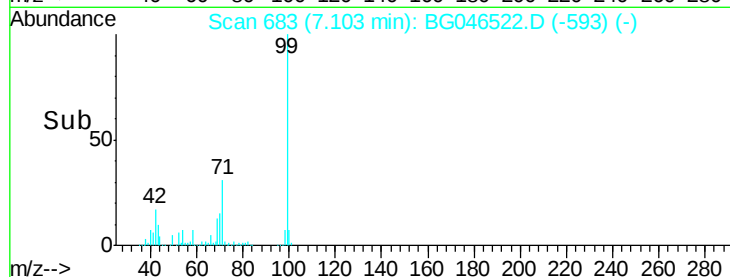
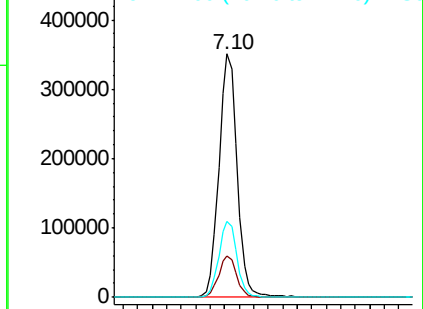
99 100

42 17.1 13.3 19.9

71 31.4 25.3 37.9



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: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046522.D

Acq: 3 Sep 2020 18:49

Tgt Ion: 136 Resp: 322750

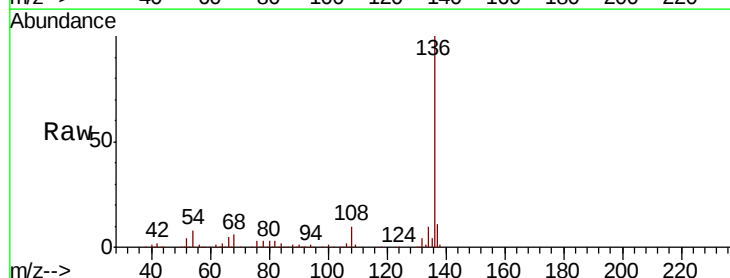
Ion Ratio Lower Upper

136 100

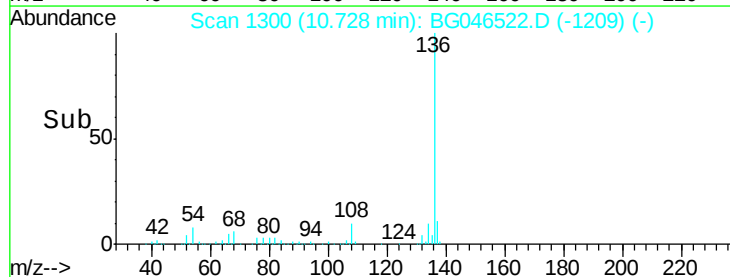
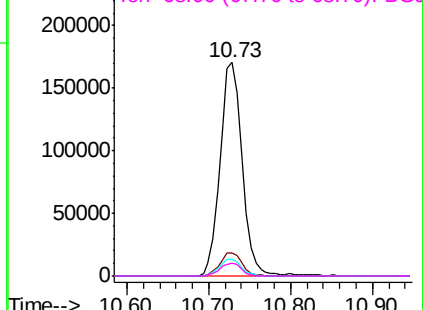
137 11.0 8.8 13.2

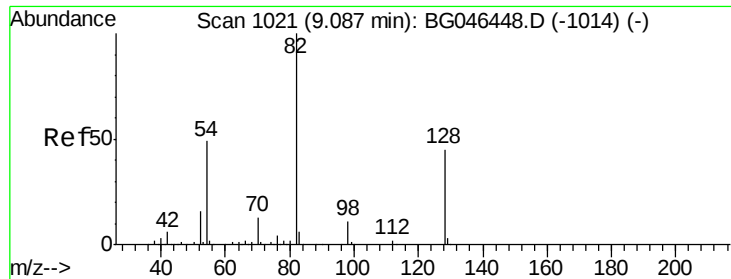
54 7.9 6.1 9.1

68 6.0 4.8 7.2



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

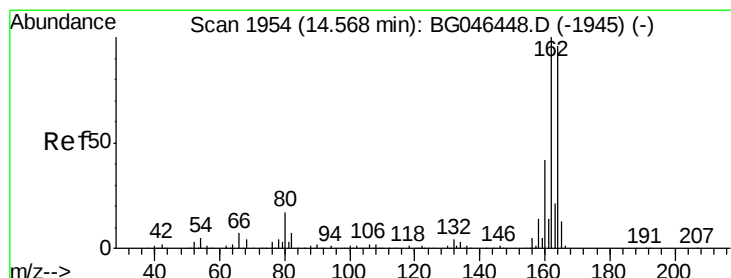
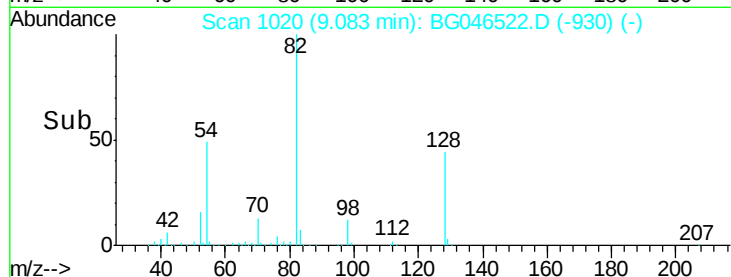
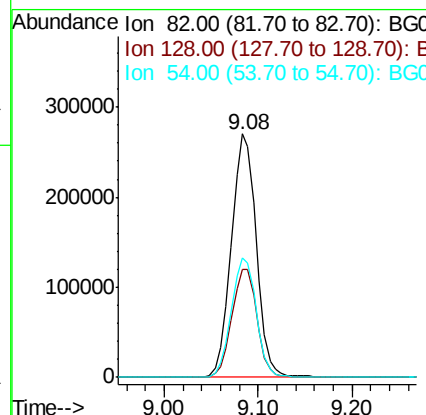
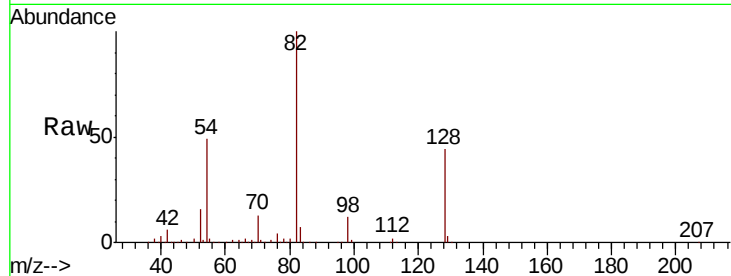




#23
 Nitrobenzene-d5
 Concen: 88.377 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046522.D
 Acq: 3 Sep 2020 18:49

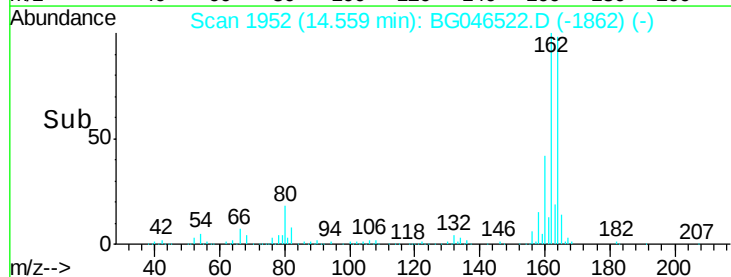
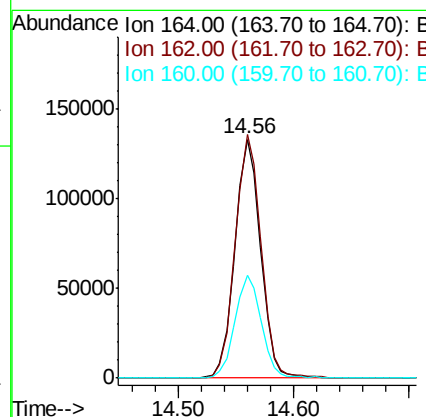
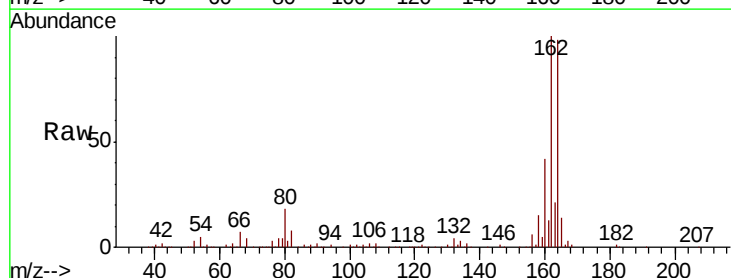
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220

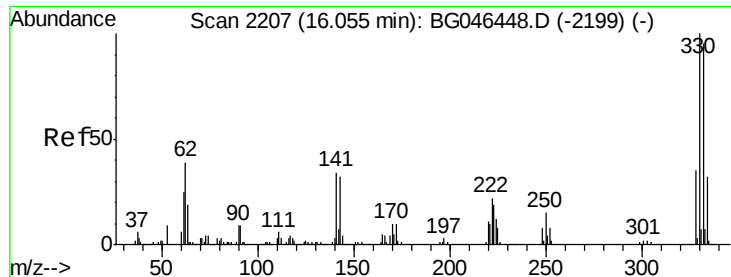
Tot Ion	82	Resp	499058
Ion Ratio	Lower	Upper	
82	100		
128	44.3	35.7	53.5
54	49.3	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046522.D
 Acq: 3 Sep 2020 18:49

Tgt Ion	164	Resp	205498
Ion Ratio	Lower	Upper	
164	100		
162	102.1	83.3	124.9
160	42.9	35.0	52.6

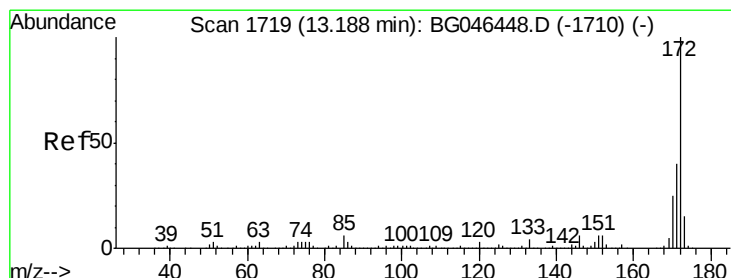
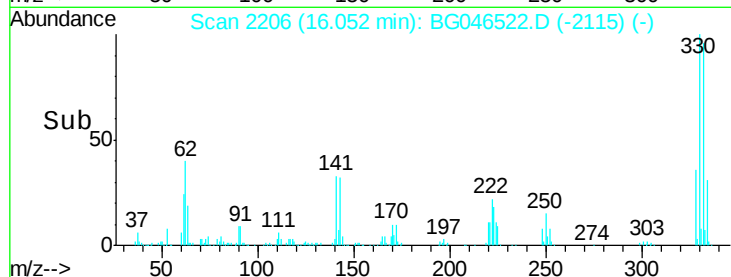
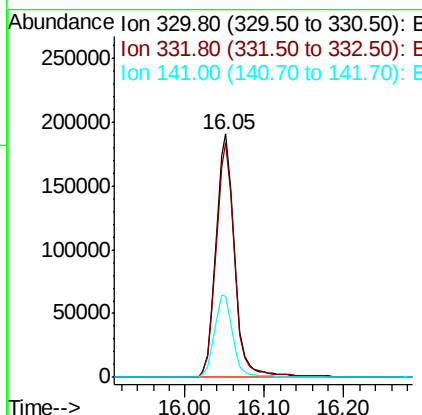
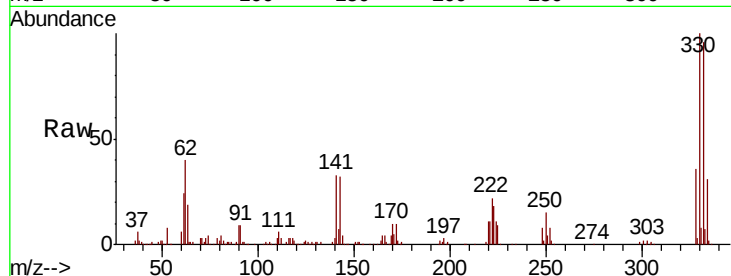




#42
 2,4,6-Tribromophenol
 Concen: 111.851 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG046522.D
 Acq: 3 Sep 2020 18:49

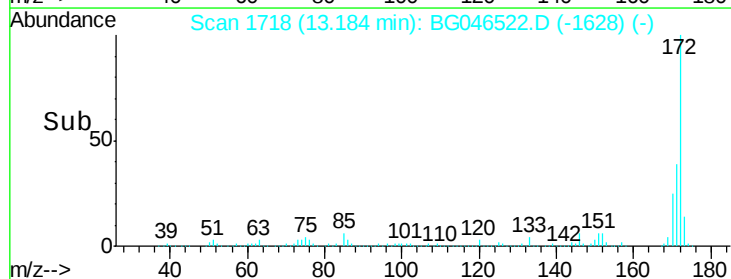
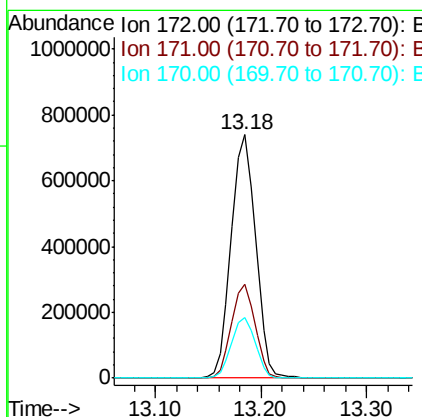
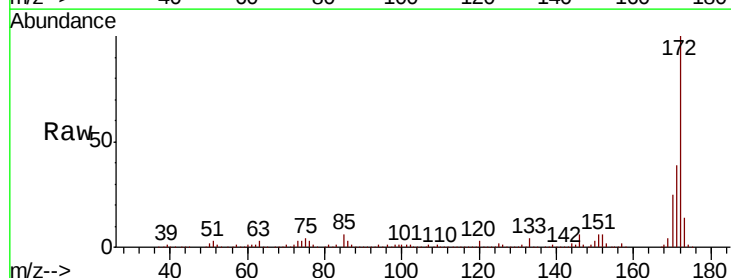
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220

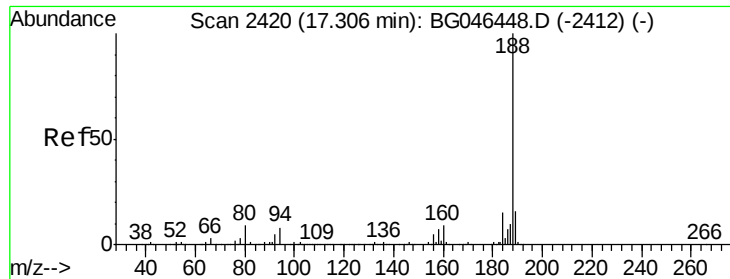
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.1	114.1
141	33.4	26.1	39.1



#45
 2-Fluorobiphenyl
 Concen: 88.187 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046522.D
 Acq: 3 Sep 2020 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.8	47.6
170	25.1	20.3	30.5

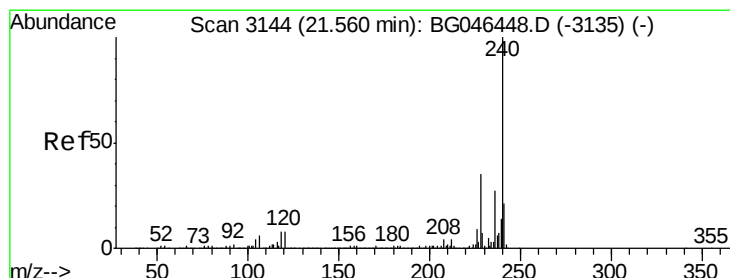
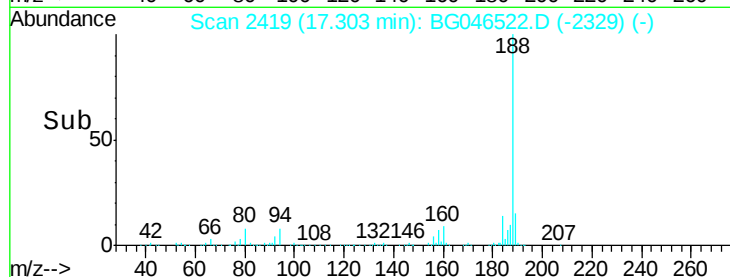
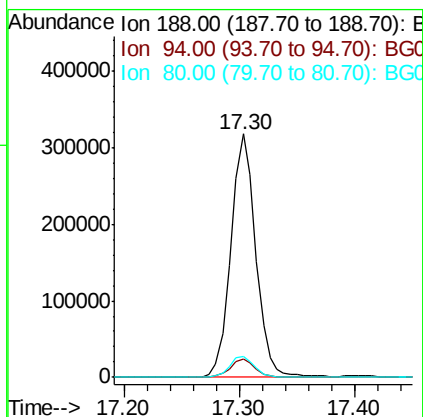
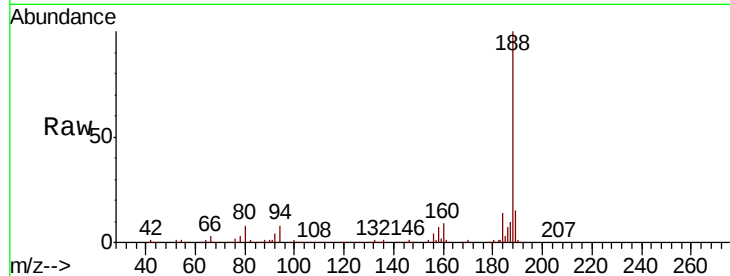




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046522.D
Acq: 3 Sep 2020 18:49

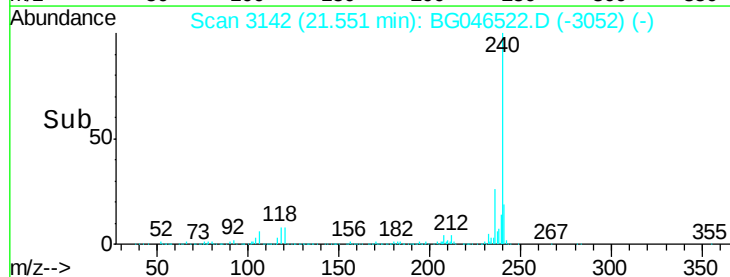
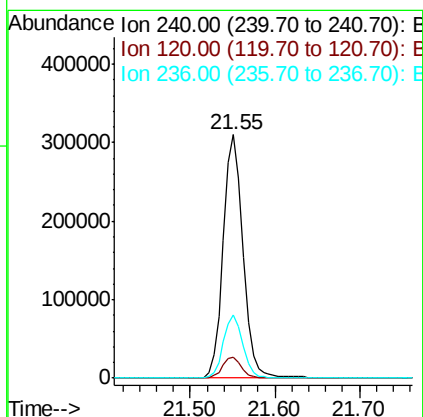
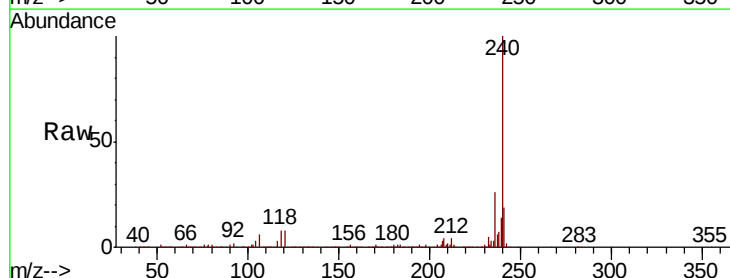
Instrument :
BNA_G
ClientSampleId :
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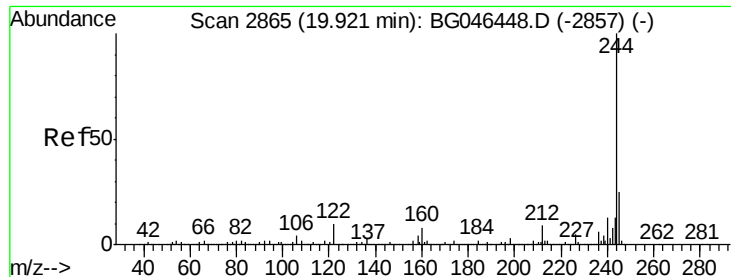
Tot Ion:188 Resp: 473658
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 8.4 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046522.D
Acq: 3 Sep 2020 18:49

Tgt Ion:240 Resp: 503189
Ion Ratio Lower Upper
240 100
120 8.3 6.6 10.0
236 26.1 21.4 32.2



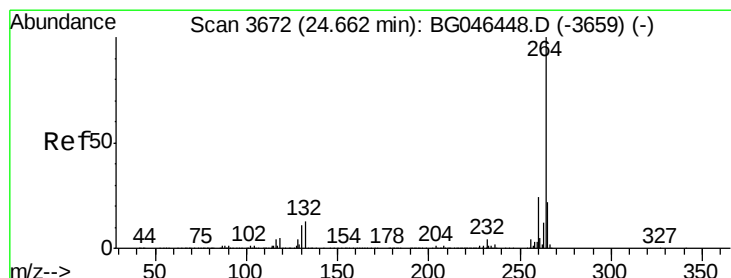
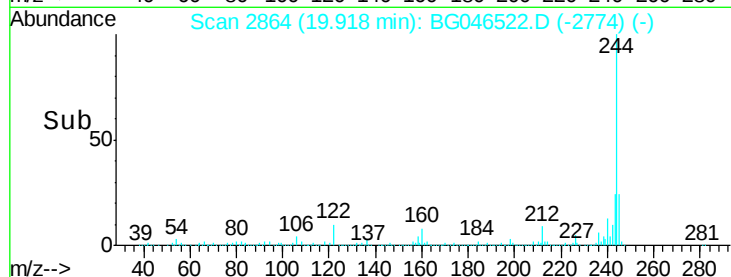
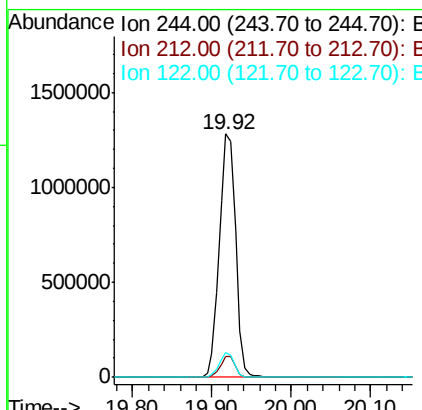
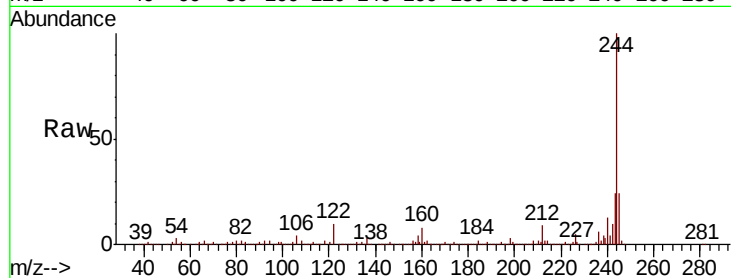


#79
 Terphenyl-d14
 Concen: 77.110 ng
 RT: 19.92 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BG046522.D
 Acq: 3 Sep 2020 18:49

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220

Tot Ion:244 Resp: 1823188

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	10.3	8.2	12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.65 min Scan# 3670
 Delta R.T. -0.00 min
 Lab File: BG046522.D
 Acq: 3 Sep 2020 18:49

Tgt Ion:264 Resp: 490814

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.3	17.9	26.9

