

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
 Data File : BG044278.D
 Acq On : 3 Feb 2020 18:41
 Operator : CG/JU
 Sample : L1346-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PD-3-(30-32)

Quant Time: Feb 04 01:27:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

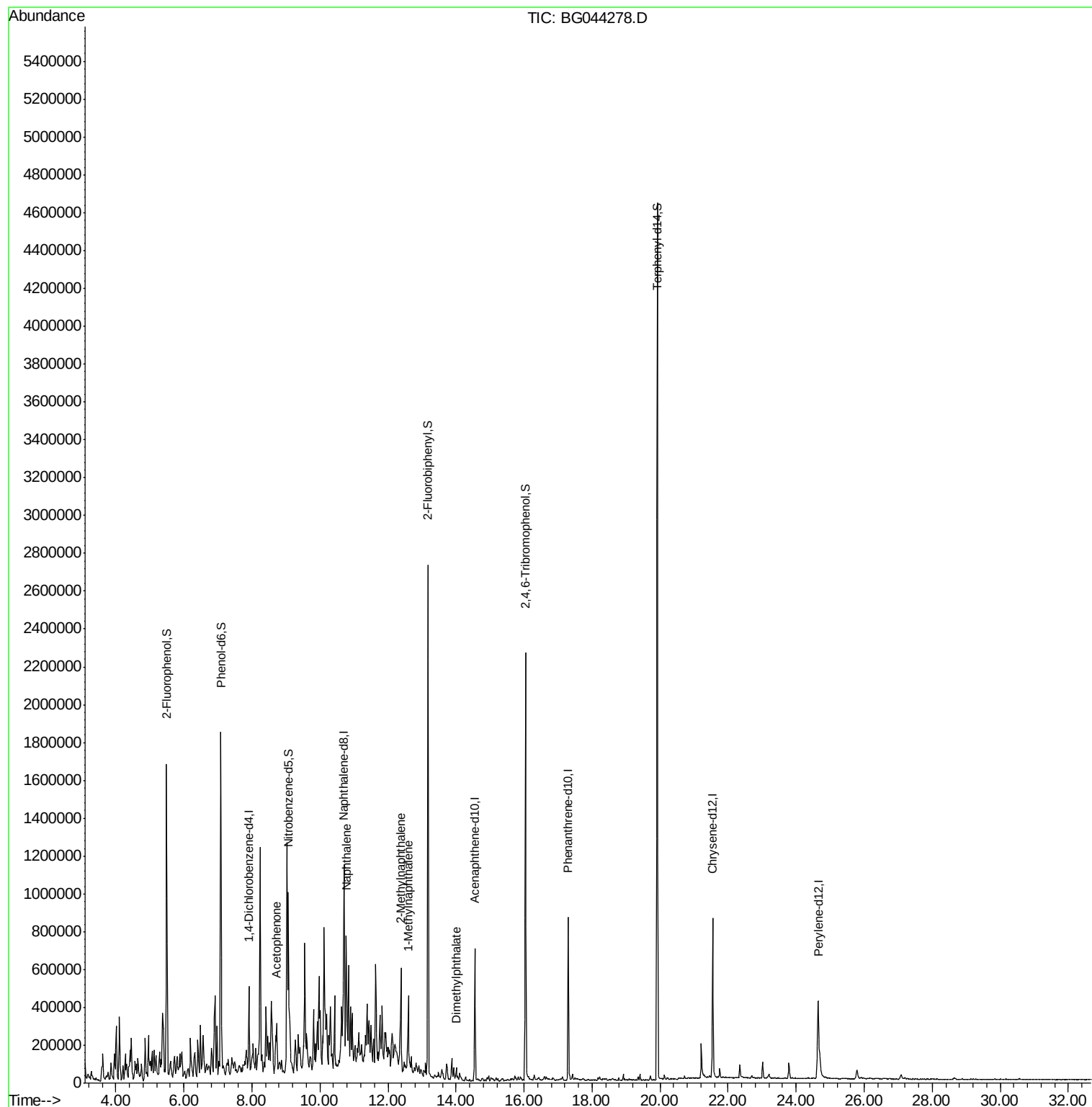
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	71471	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	309210	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	246581	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	549603	20.00	ng	0.00
76) Chrysene-d12	21.55	240	496271	20.00	ng	0.00
87) Perylene-d12	24.65	264	544712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	696040	171.87	ng	0.00
7) Phenol-d6	7.09	99	967300	177.87	ng	0.00
23) Nitrobenzene-d5	9.07	82	588872	107.52	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	457682	158.11	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1404324	95.37	ng	0.00
79) Terphenyl-d14	19.92	244	2182440	90.45	ng	0.00
Target Compounds						
22) Acetophenone	8.73	105	181411	24.117	ng	Qvalue # 58
31) Naphthalene	10.77	128	117702	7.846	ng	# 82
37) 2-Methylnaphthalene	12.38	142	242986	21.815	ng	100
38) 1-Methylnaphthalene	12.60	142	182880	17.415	ng	98
50) Dimethylphthalate	14.01	163	48961	2.762	ng	98

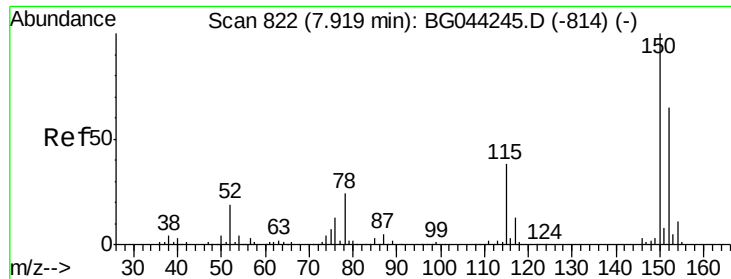
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



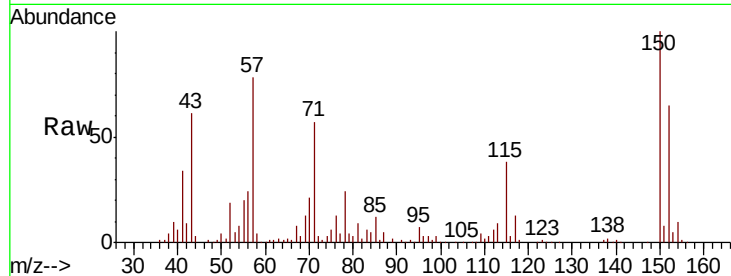


#1

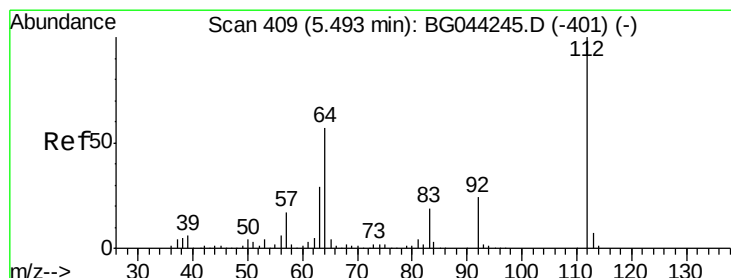
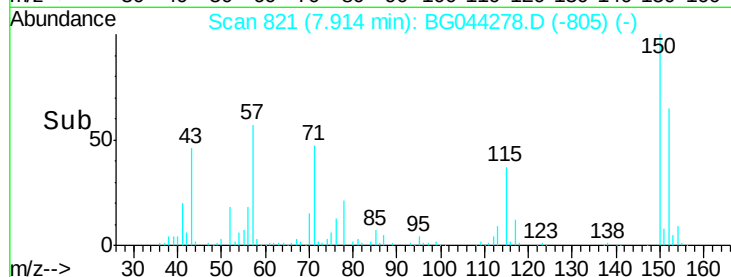
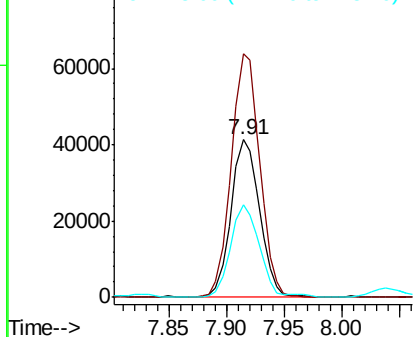
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Instrument :
BNA_G
ClientSampleId :
PD-3-(30-32)

Tot Ion:152 Resp: 71471
Ion Ratio Lower Upper
152 100
150 154.6 122.6 183.8
115 59.1 46.0 69.0



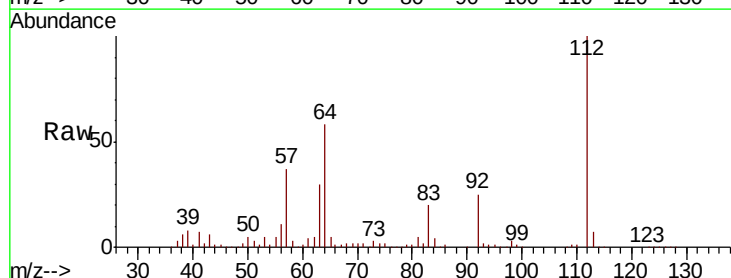
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



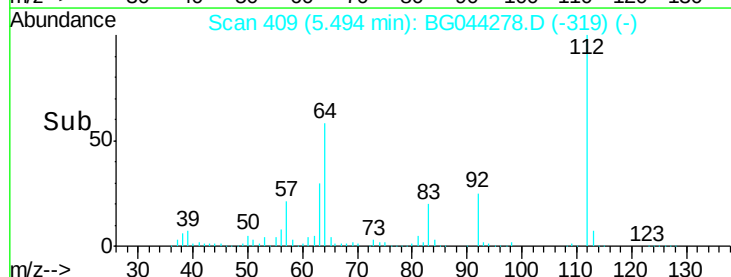
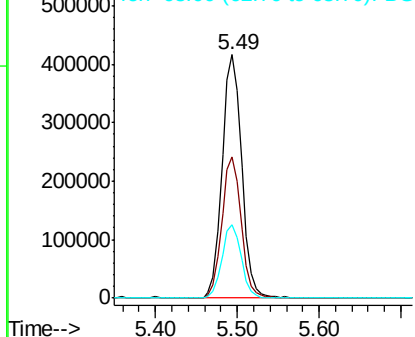
#5

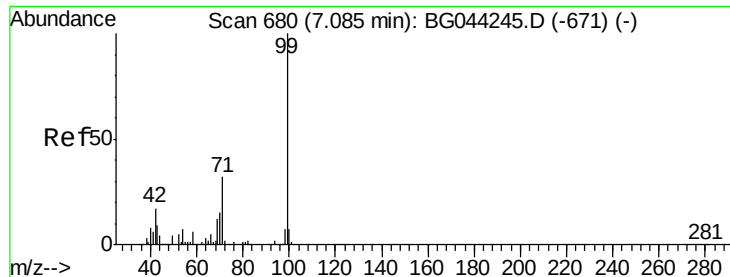
2-Fluorophenol
Concen: 171.874 ng
RT: 5.49 min Scan# 409
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Tgt Ion:112 Resp: 696040
Ion Ratio Lower Upper
112 100
64 58.2 45.4 68.2
63 30.0 22.9 34.3



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: 177.873 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044278.D

Acq: 3 Feb 2020 18:41

Instrument :

BNA_G

ClientSampleId :

PD-3-(30-32)

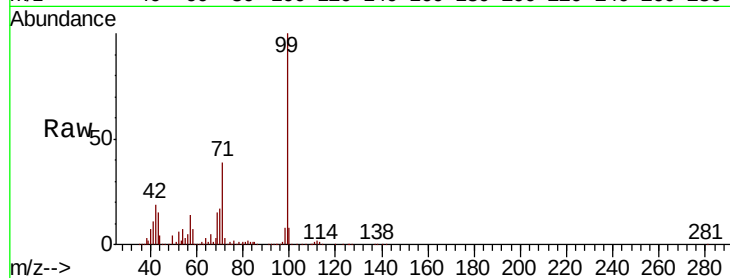
Tot Ion: 99 Resp: 967300

Ion Ratio Lower Upper

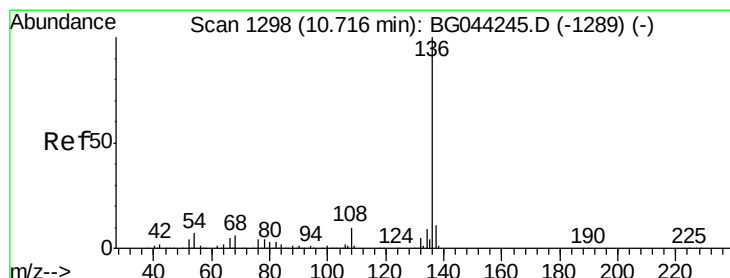
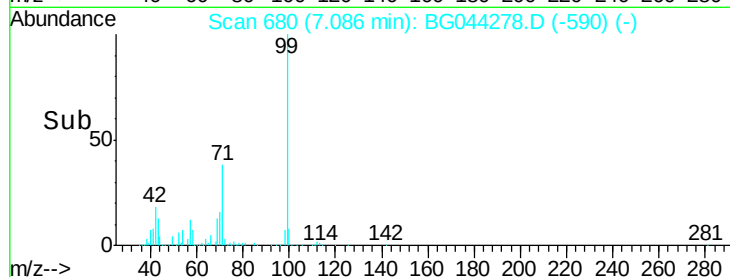
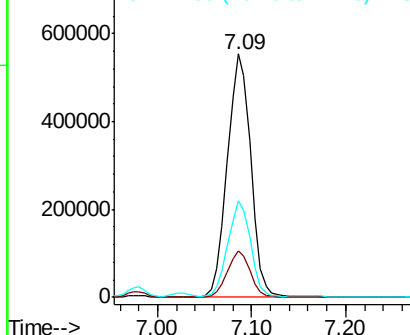
99 100

42 19.0 13.8 20.6

71 39.4 25.5 38.3#



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: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG044278.D

Acq: 3 Feb 2020 18:41

Tgt Ion: 136 Resp: 309210

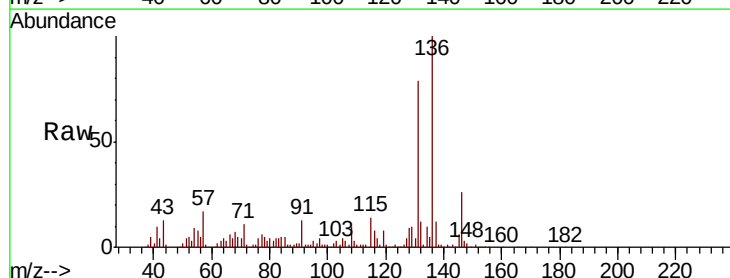
Ion Ratio Lower Upper

136 100

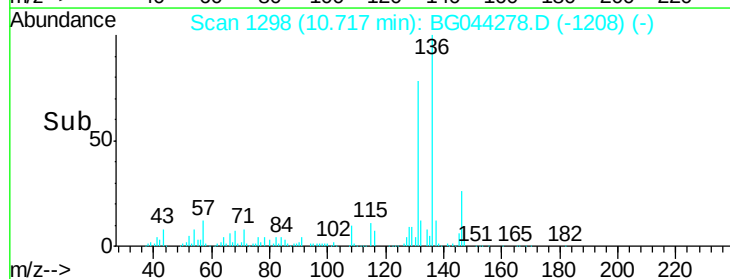
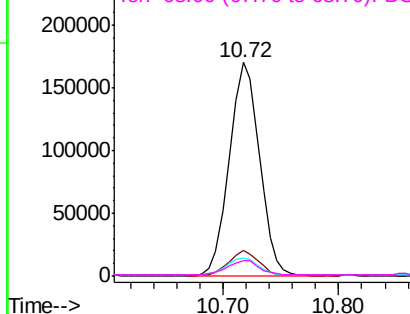
137 12.1 8.8 13.2

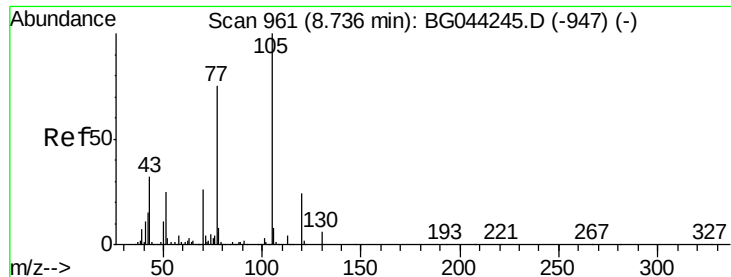
54 8.6 5.8 8.8

68 7.2 4.6 6.8#



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

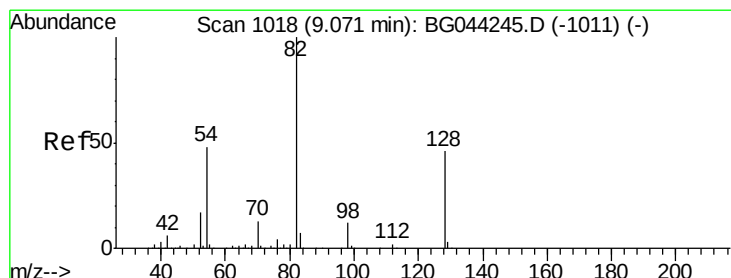
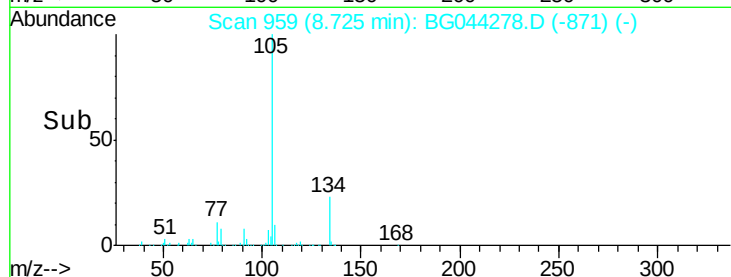
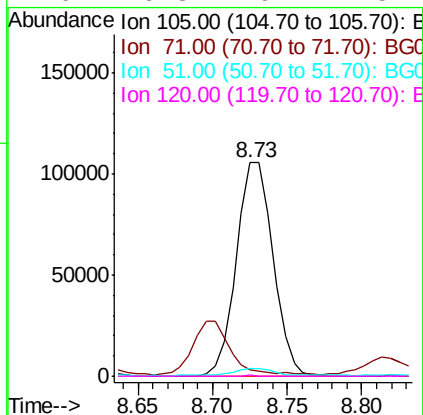
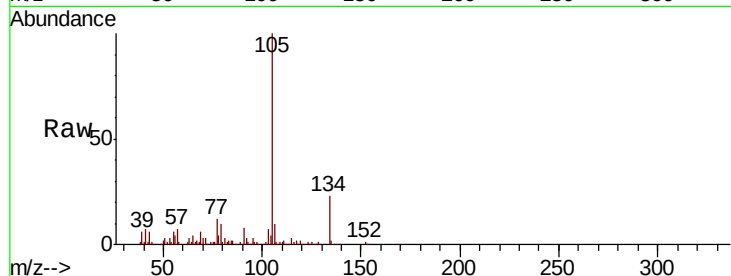




#22
Acetophenone
Concen: 24.117 ng
RT: 8.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

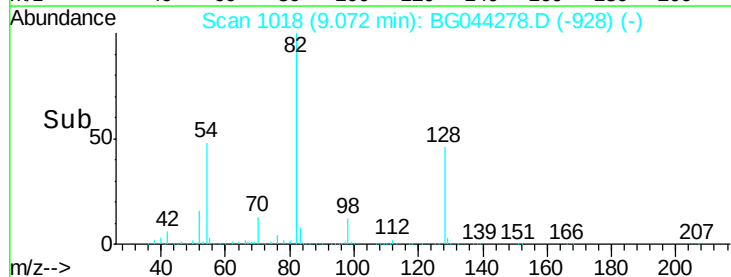
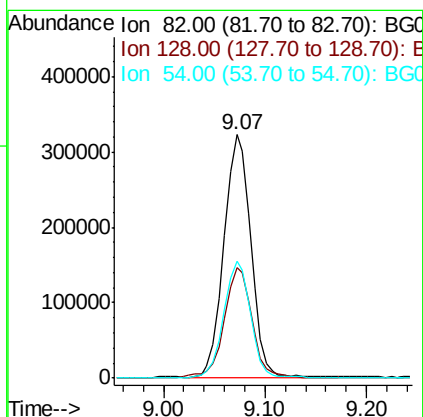
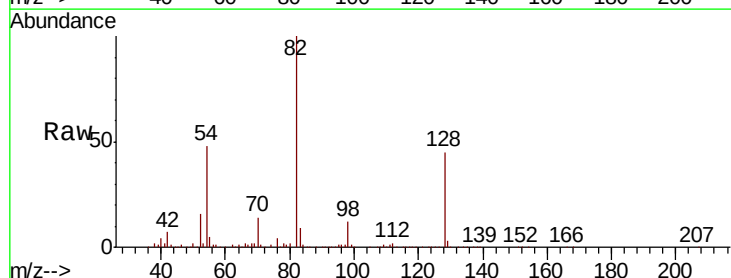
Instrument :
BNA_G
ClientSampleId :
PD-3-(30-32)

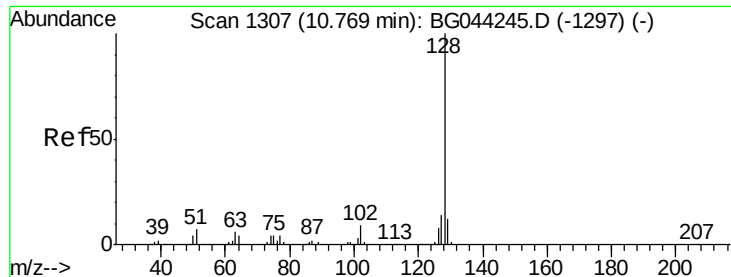
Tot Ion:105 Resp: 181411
Ion Ratio Lower Upper
105 100
71 3.3 3.4 5.0#
51 3.4 20.2 30.4#
120 0.3 19.1 28.7#



#23
Nitrobenzene-d5
Concen: 107.518 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Tgt Ion: 82 Resp: 588872
Ion Ratio Lower Upper
82 100
128 45.4 36.5 54.7
54 48.0 38.6 58.0

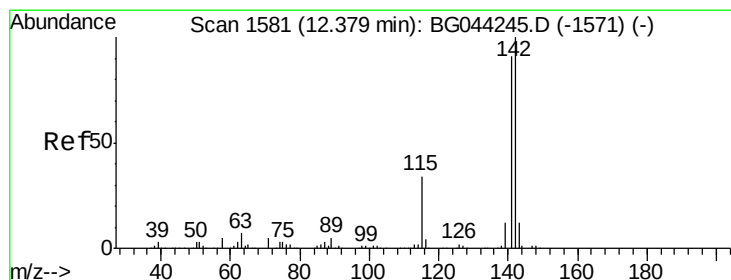
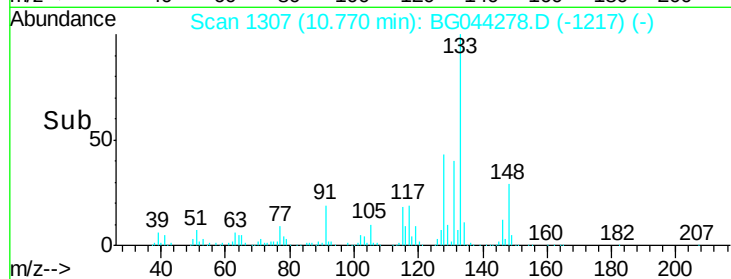
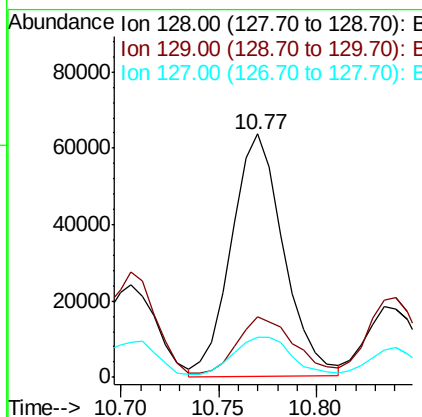
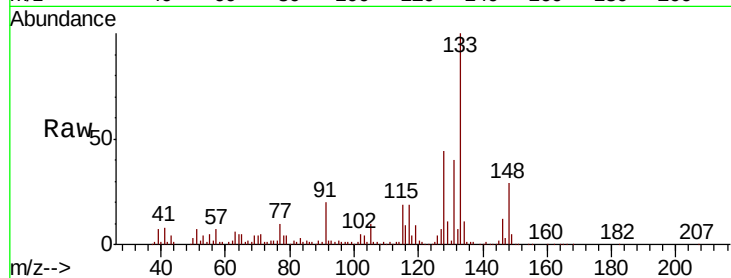




#31
Naphthalene
Concen: 7.846 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

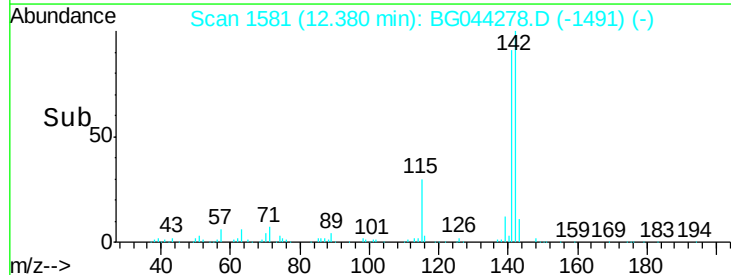
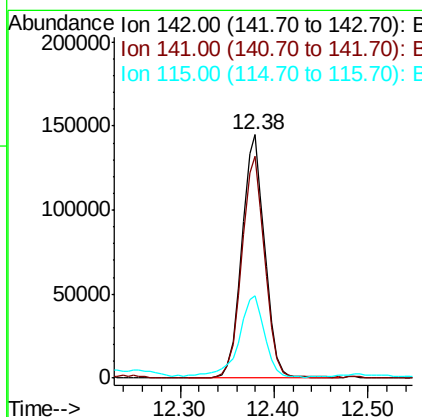
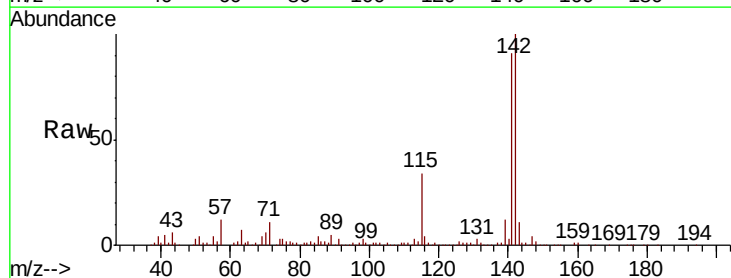
Instrument :
BNA_G
ClientSampleId :
PD-3-(30-32)

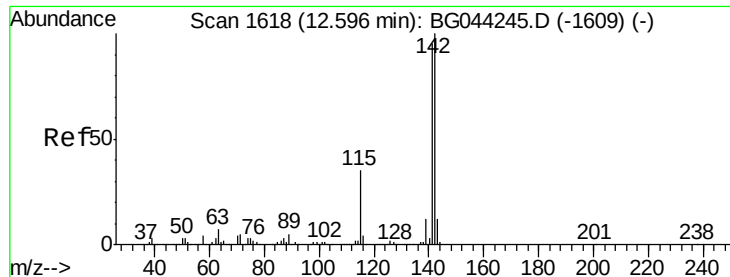
Tot Ion:128 Resp: 117702
Ion Ratio Lower Upper
128 100
129 24.8 9.3 13.9#
127 16.7 11.6 17.4



#37
2-Methylnaphthalene
Concen: 21.815 ng
RT: 12.38 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Tgt Ion:142 Resp: 242986
Ion Ratio Lower Upper
142 100
141 91.3 73.2 109.8
115 33.6 27.1 40.7

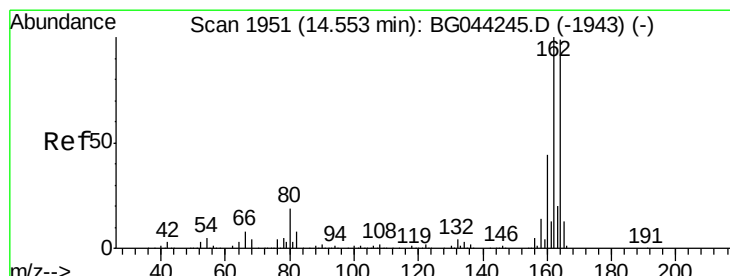
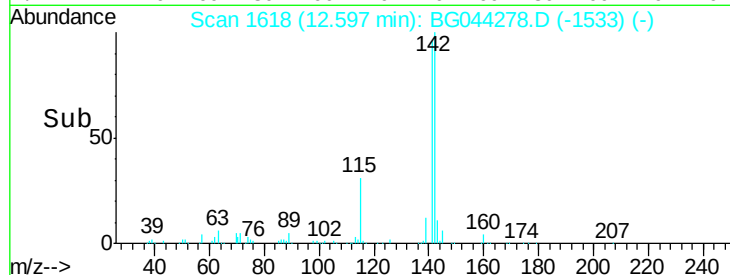
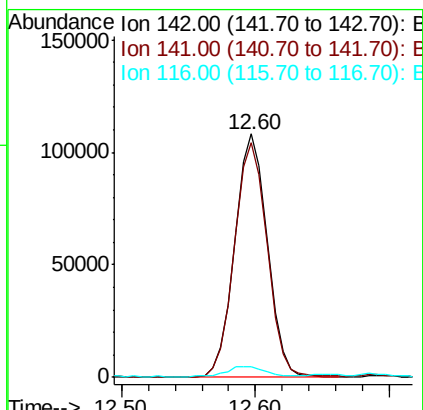
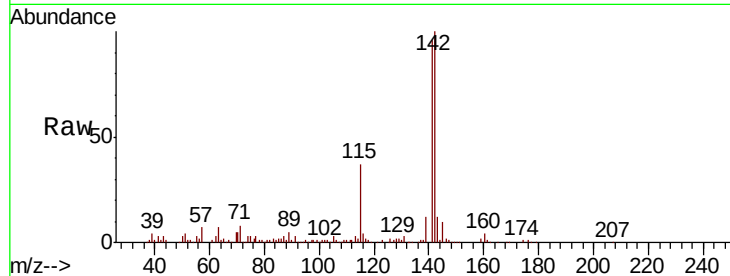




#38
1-Methylnaphthalene
Concen: 17.415 ng
RT: 12.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

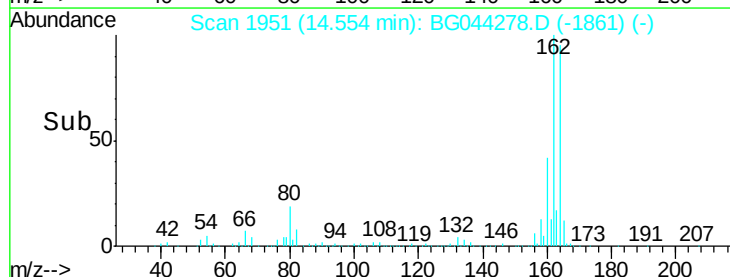
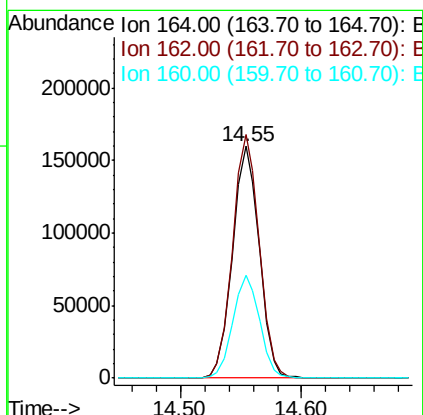
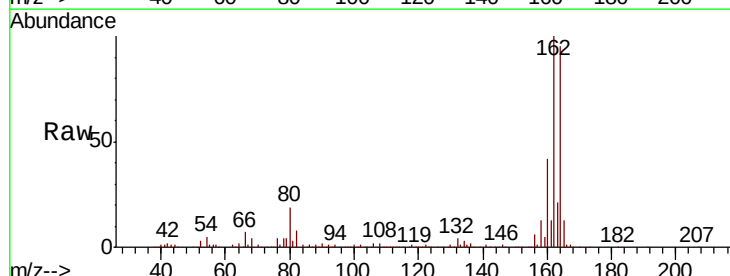
Instrument :
BNA_G
ClientSampleId :
PD-3-(30-32)

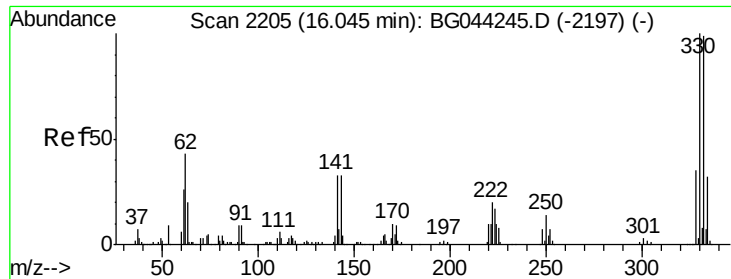
Tot Ion	Ratio	Lower	Upper
142	100		
141	96.4	75.8	113.6
116	4.4	3.1	4.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.7	121.1
160	44.6	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 158.109 ng

RT: 16.05 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG044278.D

Acq: 3 Feb 2020 18:41

Instrument :

BNA_G

ClientSampleId :

PD-3-(30-32)

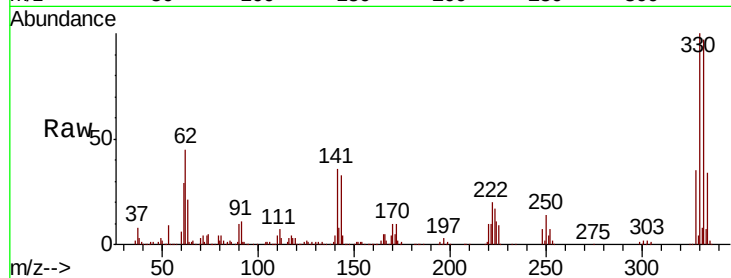
Tot Ion:330 Resp: 457682

Ion Ratio Lower Upper

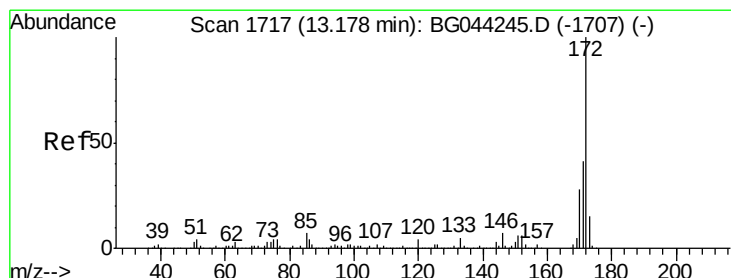
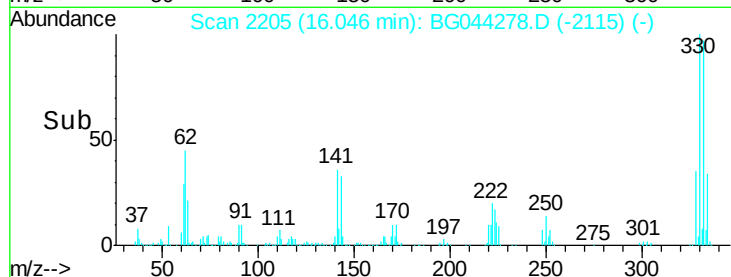
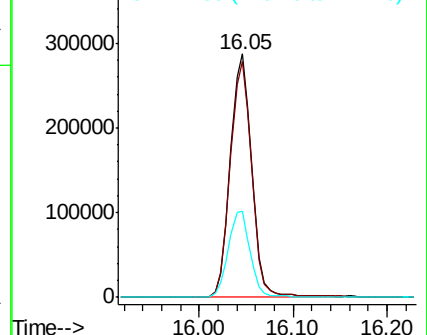
330 100

332 96.8 77.2 115.8

141 36.2 28.3 42.5



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



#45

2-Fluorobiphenyl

Concen: 95.369 ng

RT: 13.18 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BG044278.D

Acq: 3 Feb 2020 18:41

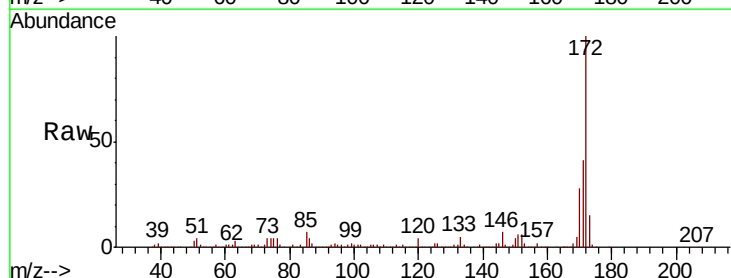
Tgt Ion:172 Resp: 1404324

Ion Ratio Lower Upper

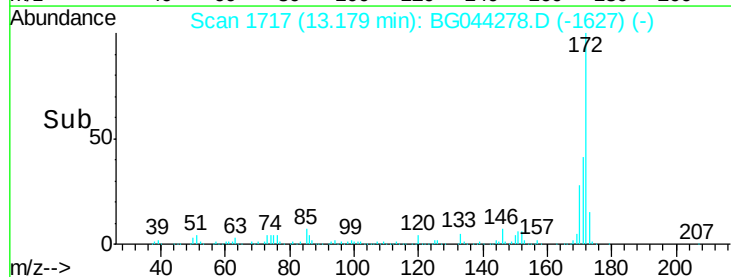
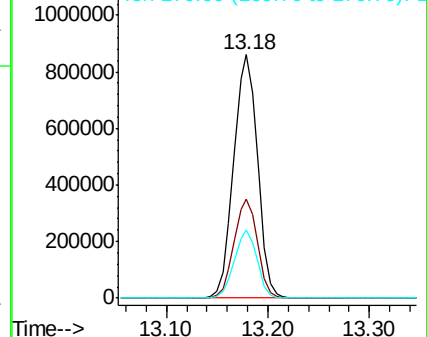
172 100

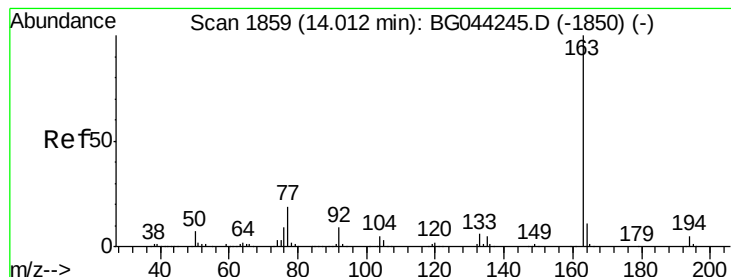
171 40.9 32.9 49.3

170 28.1 22.0 33.0



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





#50

Dimethylphthalate

Concen: 2.762 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044278.D

Acq: 3 Feb 2020 18:41

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PD-3-(30-32)

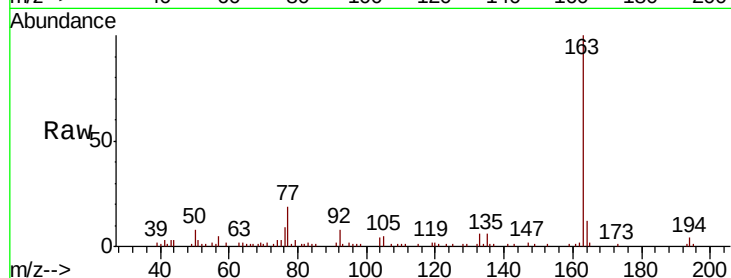
Tot Ion:163 Resp: 48961

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

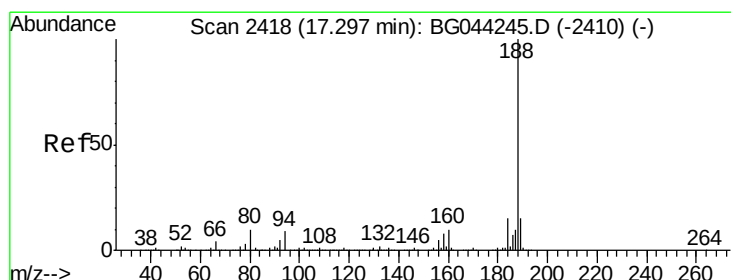
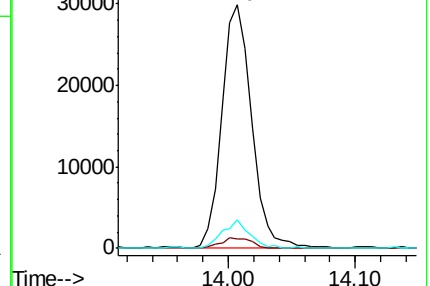
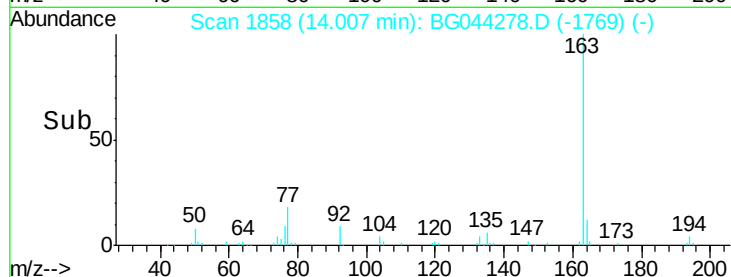
164 11.9 8.7 13.1



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: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044278.D

Acq: 3 Feb 2020 18:41

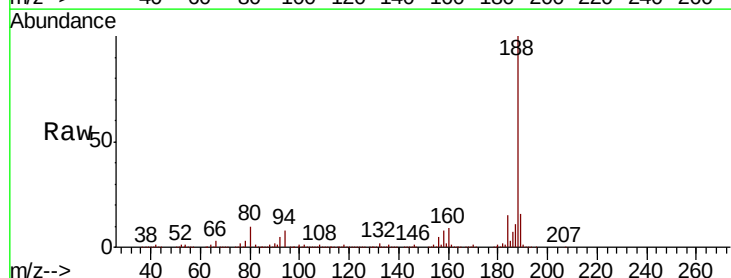
Tgt Ion:188 Resp: 549603

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

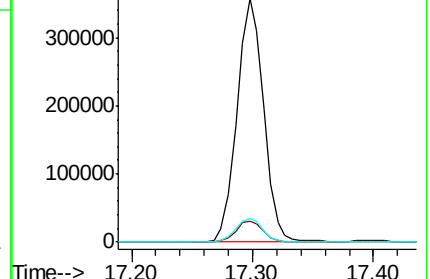
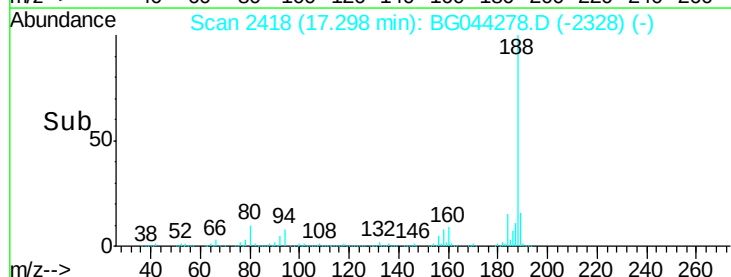
80 9.7 7.7 11.5

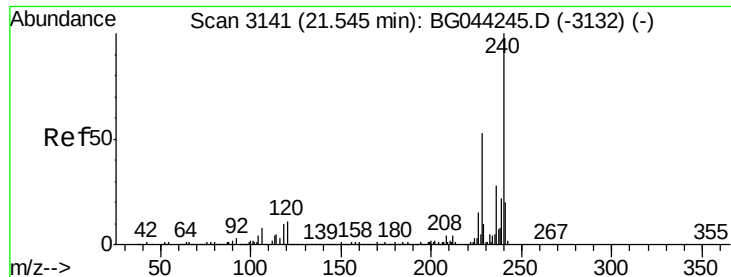


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

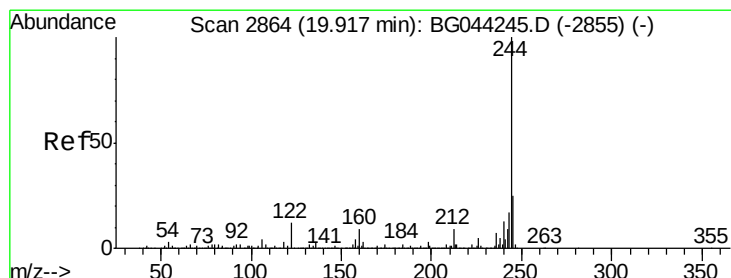
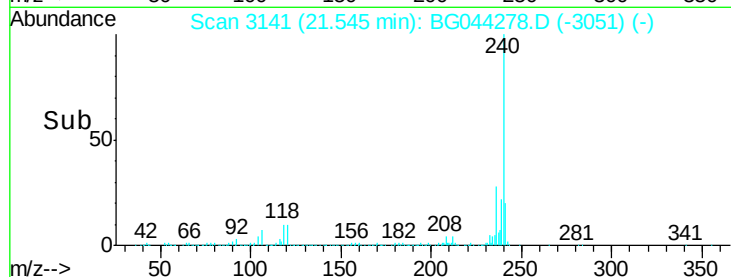
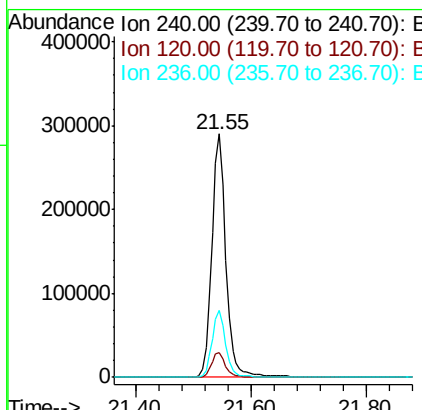
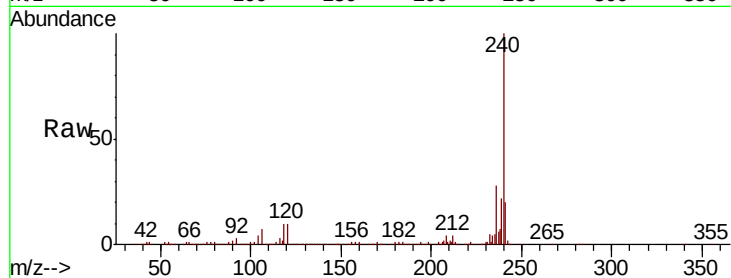




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG044278.D
 Acq: 3 Feb 2020 18:41

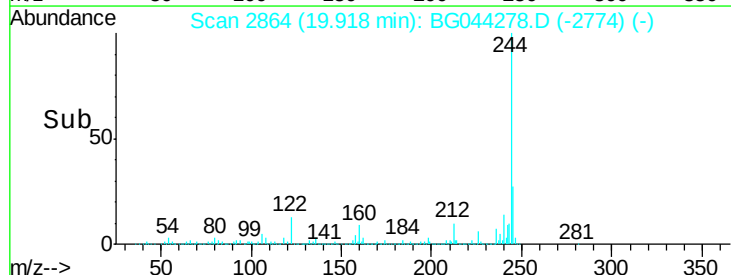
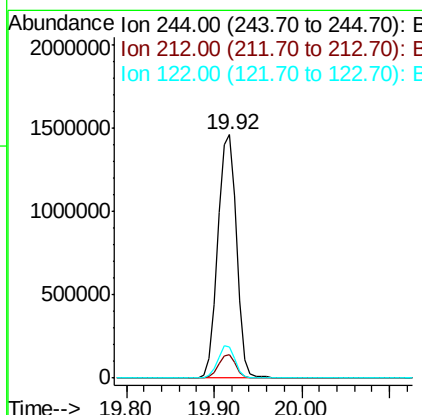
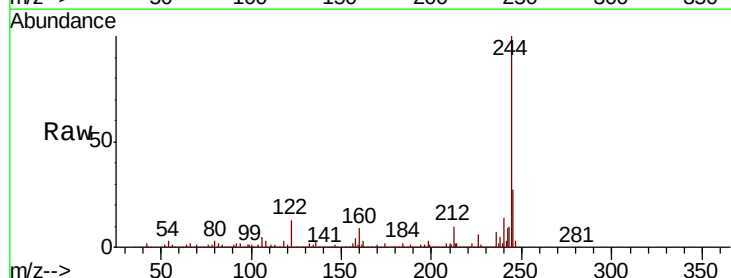
Instrument :
 BNA_G
 ClientSampleId :
 PD-3-(30-32)

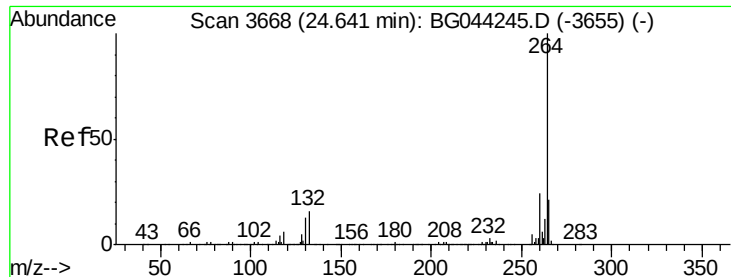
Tot Ion:240 Resp: 496271
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.4 12.6
 236 27.5 22.1 33.1



#79
 Terphenyl-d14
 Concen: 90.455 ng
 RT: 19.92 min Scan# 2864
 Delta R.T. 0.00 min
 Lab File: BG044278.D
 Acq: 3 Feb 2020 18:41

Tgt Ion:244 Resp: 2182440
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.4 11.2
 122 12.9 9.8 14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. 0.01 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Instrument :
BNA_G
ClientSampleId :
PD-3-(30-32)

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.8	19.4	29.2	
265	22.4	16.7	25.1	

