

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
 Data File : BG044280.D
 Acq On : 3 Feb 2020 20:00
 Operator : CG/JU
 Sample : L1346-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PD-4-(30-32)

Quant Time: Feb 04 10:25:33 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

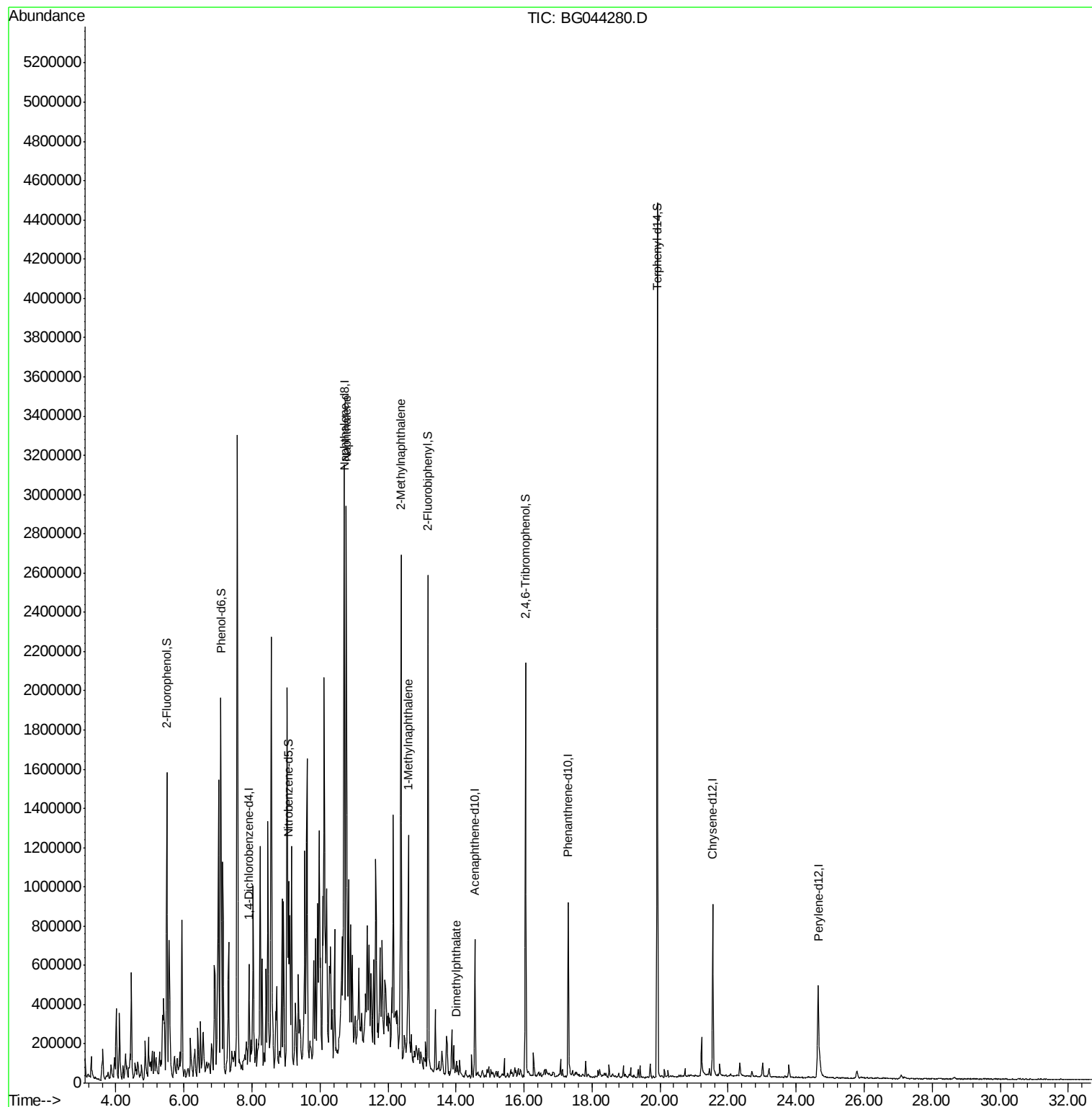
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	75550	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	311013	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	255327	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	564456	20.00	ng	0.00
76) Chrysene-d12	21.54	240	510399	20.00	ng	0.00
87) Perylene-d12	24.65	264	555010	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	655922	153.22	ng	0.00
7) Phenol-d6	7.09	99	890384	154.89	ng	0.00
23) Nitrobenzene-d5	9.08	82	561800	101.98	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	425625	142.00	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1287205	84.42	ng	0.00
79) Terphenyl-d14	19.92	244	2010193	81.01	ng	0.00
Target Compounds						
31) Naphthalene	10.77	128	1638876	108.611	ng	Qvalue # 94
37) 2-Methylnaphthalene	12.38	142	1275458	113.845	ng	99
38) 1-Methylnaphthalene	12.60	142	537174	50.857	ng	100
50) Dimethylphthalate	14.01	163	54844	2.988	ng	99

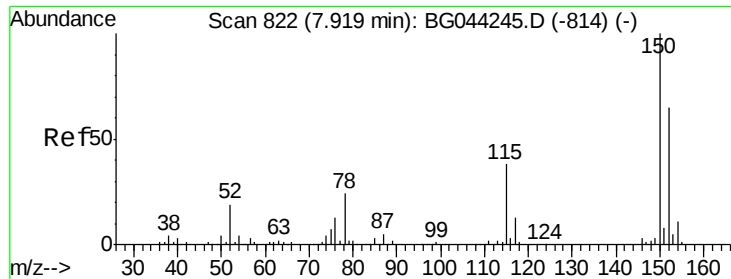
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



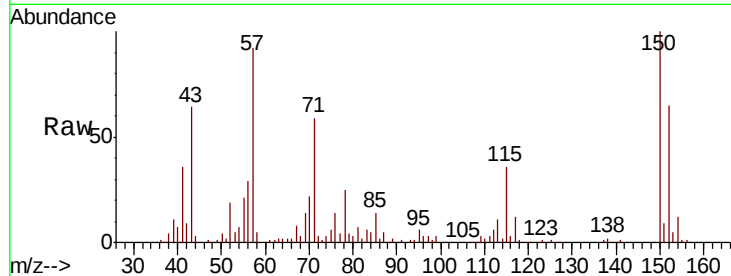


#1

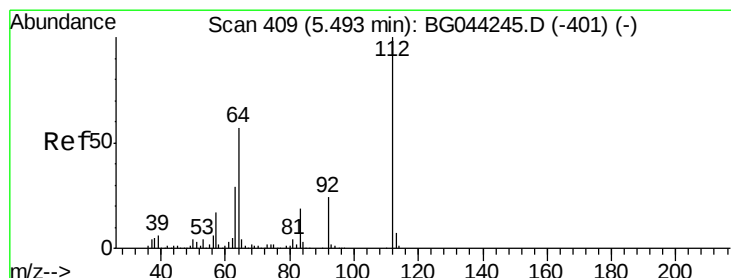
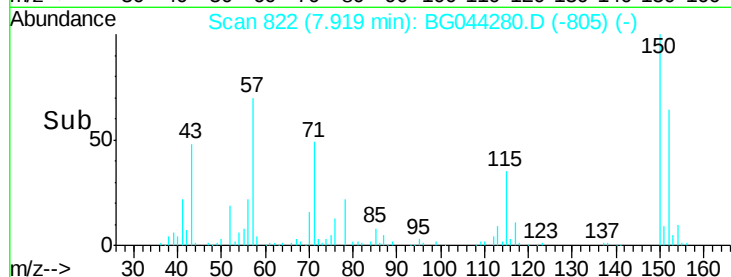
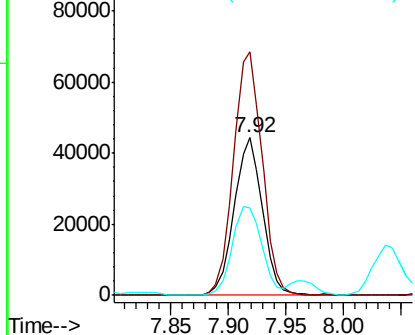
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044280.D
Acq: 3 Feb 2020 20:00

Instrument :
BNA_G
ClientSampleId :
PD-4-(30-32)

Tot Ion:152 Resp: 75550
Ion Ratio Lower Upper
152 100
150 154.7 122.6 183.8
115 55.9 46.0 69.0



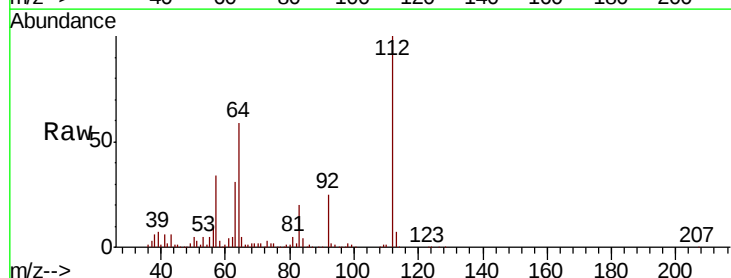
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



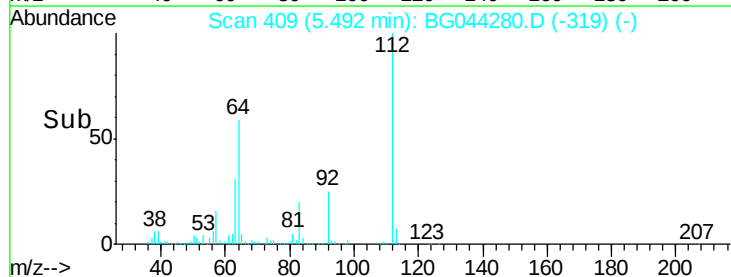
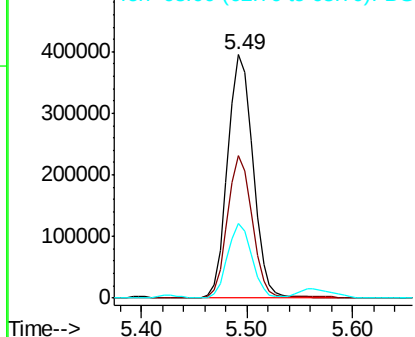
#5

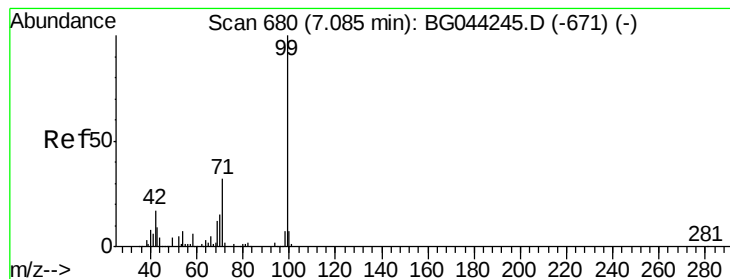
2-Fluorophenol
Concen: 153.223 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044280.D
Acq: 3 Feb 2020 20:00

Tgt Ion:112 Resp: 655922
Ion Ratio Lower Upper
112 100
64 58.7 45.4 68.2
63 30.8 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: 154.889 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG044280.D

Acq: 3 Feb 2020 20:00

Instrument :

BNA_G

ClientSampleId :

PD-4-(30-32)

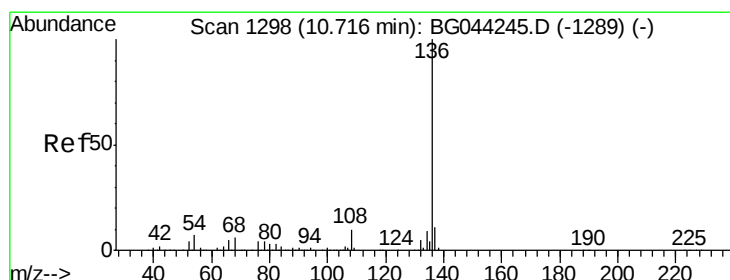
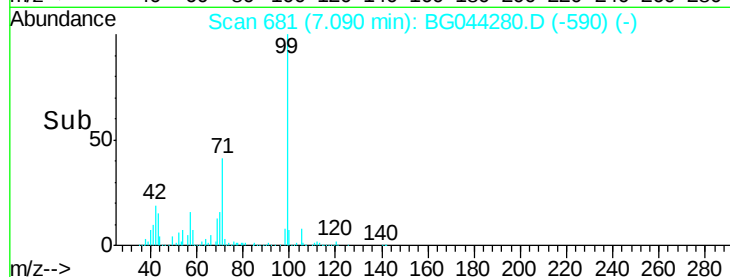
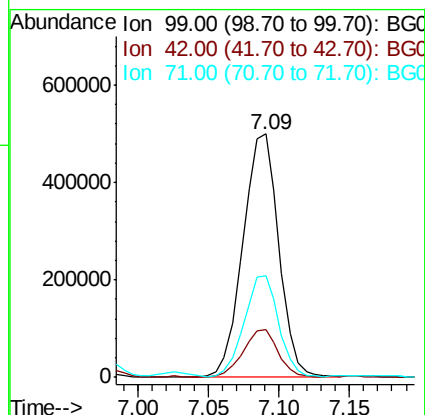
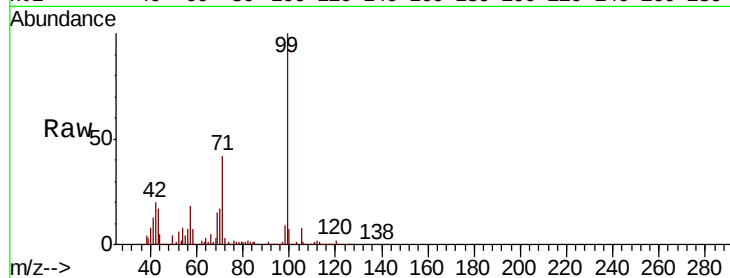
Tot Ion: 99 Resp: 890384

Ion Ratio Lower Upper

99 100

42 19.5 13.8 20.6

71 41.6 25.5 38.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BG044280.D

Acq: 3 Feb 2020 20:00

Tgt Ion: 136 Resp: 311013

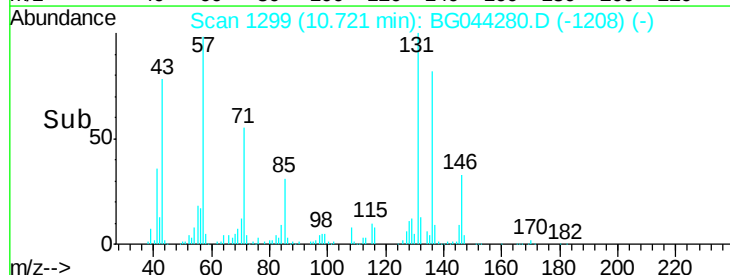
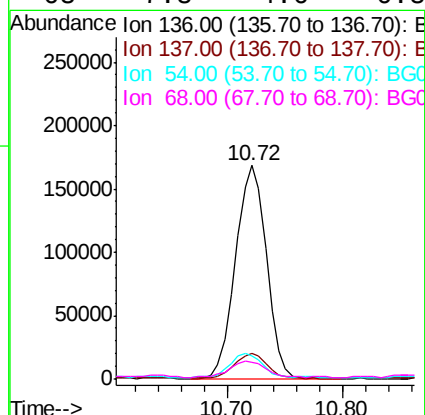
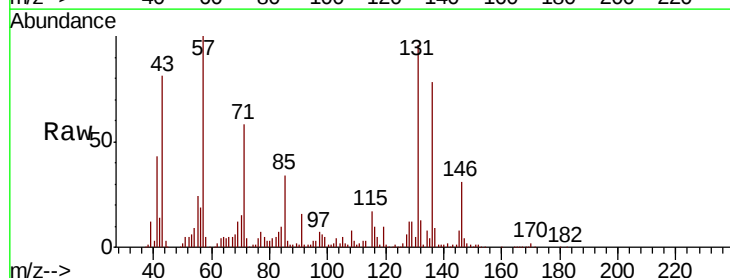
Ion Ratio Lower Upper

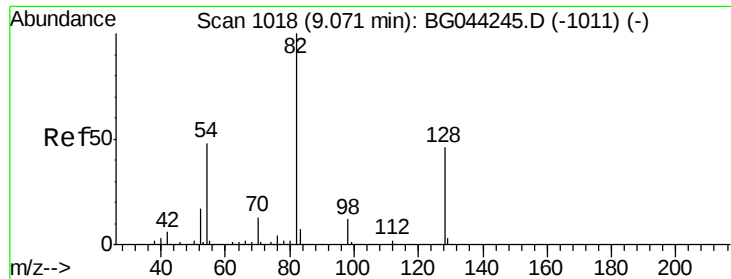
136 100

137 12.0 8.8 13.2

54 11.0 5.8 8.8#

68 7.8 4.6 6.8#

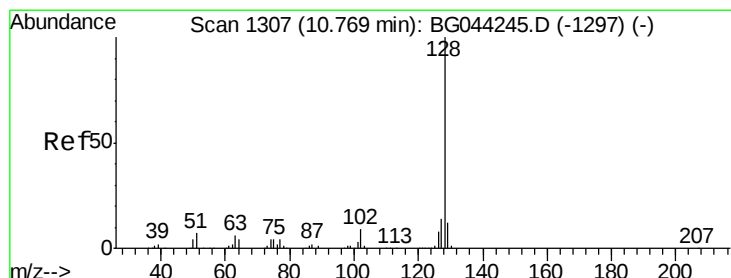
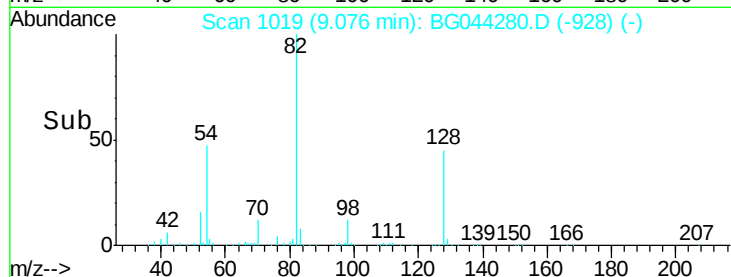
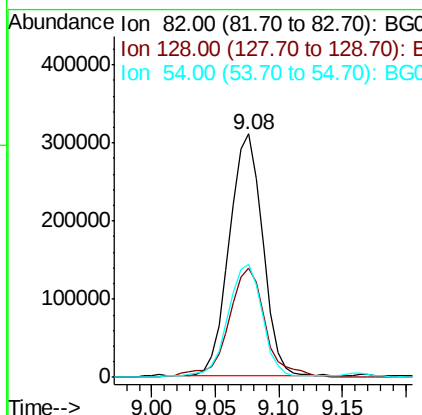
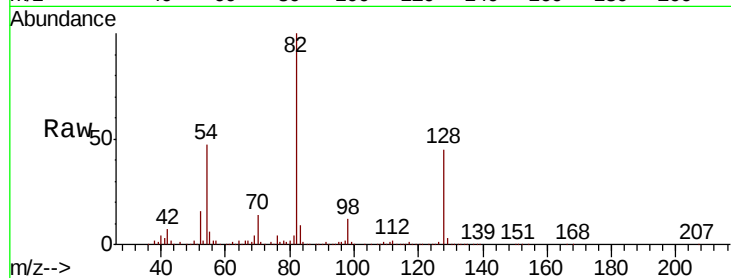




#23
Nitrobenzene-d5
Concen: 101.980 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BG044280.D
Acq: 3 Feb 2020 20:00

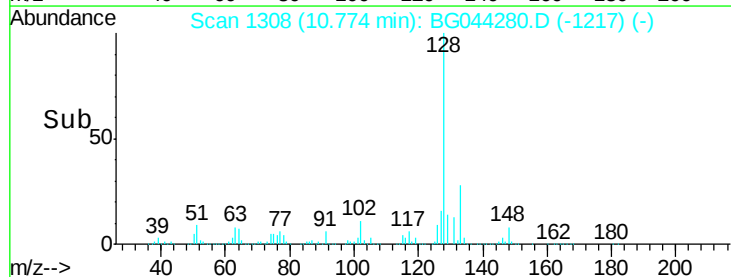
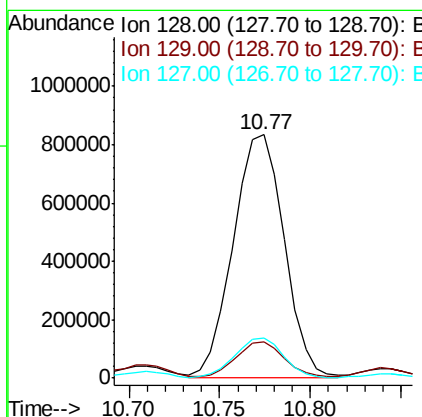
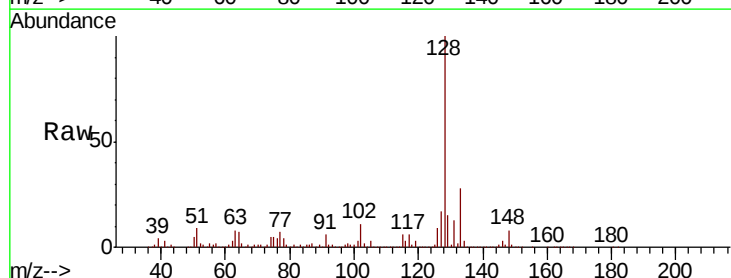
Instrument :
BNA_G
ClientSampleId :
PD-4-(30-32)

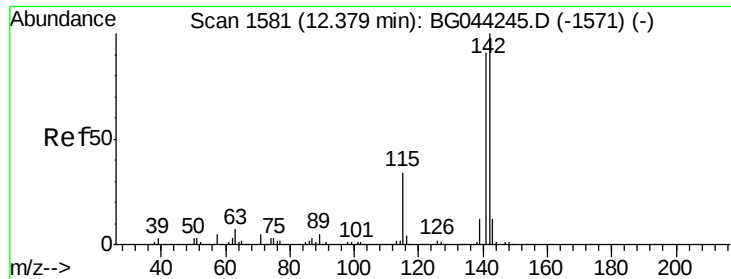
Tot Ion	82	Resp	561800
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.5	54.7
54	46.7	38.6	58.0



#31
Naphthalene
Concen: 108.611 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BG044280.D
Acq: 3 Feb 2020 20:00

Tgt Ion	128	Resp	1638876
Ion Ratio	Lower	Upper	
128	100		
129	14.7	9.3	13.9#
127	16.6	11.6	17.4

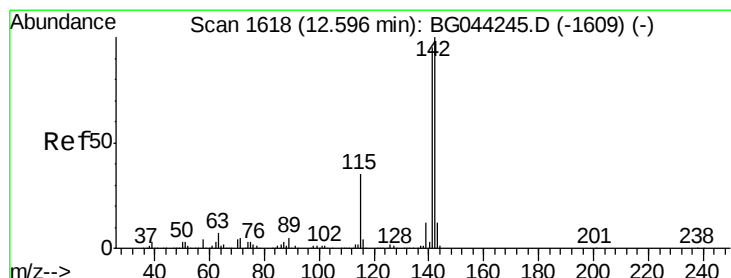
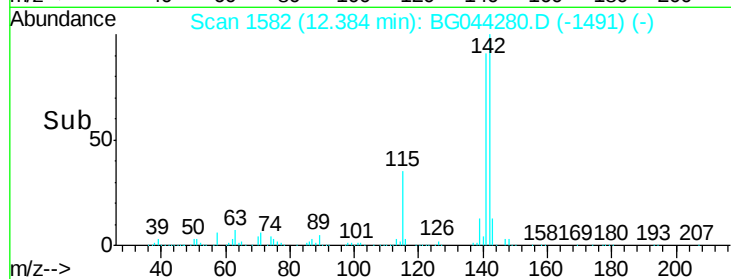
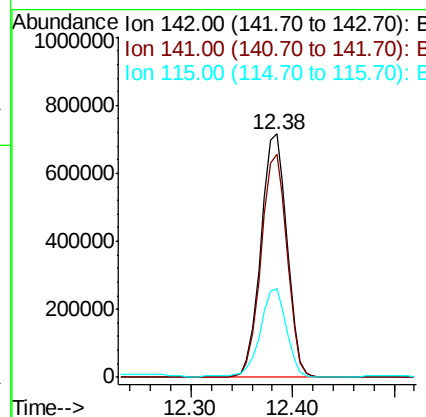
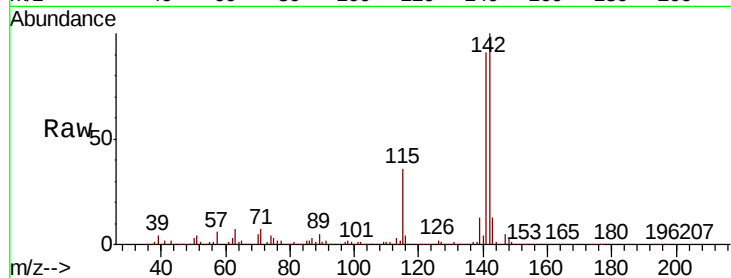




#37
2-Methylnaphthalene
Concen: 113.845 ng
RT: 12.38 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BG044280.D
Acq: 3 Feb 2020 20:00

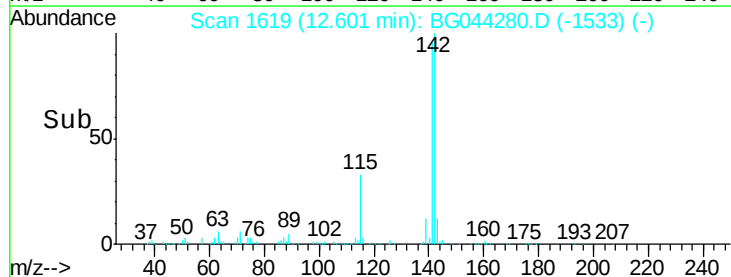
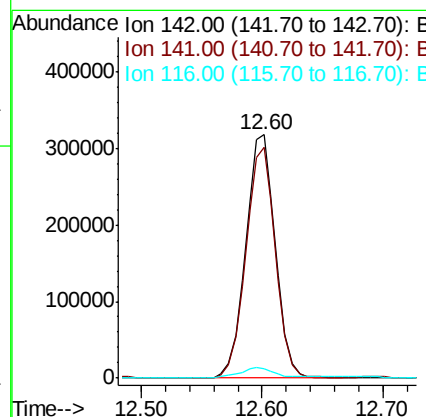
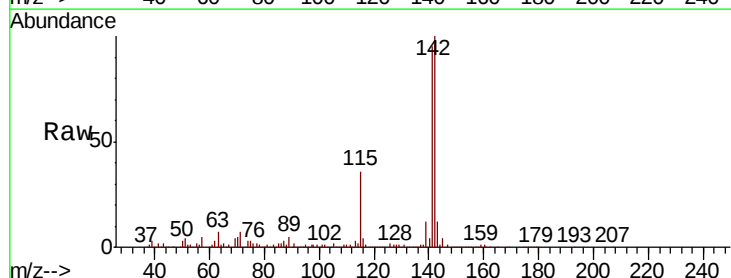
Instrument :
BNA_G
ClientSampleId :
PD-4-(30-32)

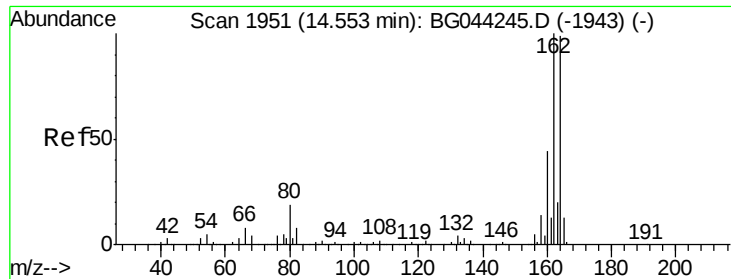
Tot Ion:142 Resp: 1275458
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8
115 36.3 27.1 40.7



#38
1-Methylnaphthalene
Concen: 50.857 ng
RT: 12.60 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BG044280.D
Acq: 3 Feb 2020 20:00

Tgt Ion:142 Resp: 537174
Ion Ratio Lower Upper
142 100
141 95.0 75.8 113.6
116 4.1 3.1 4.7

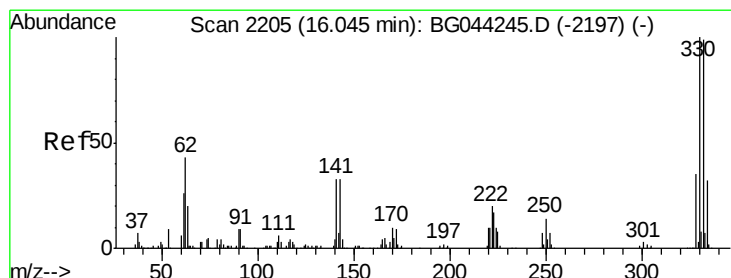
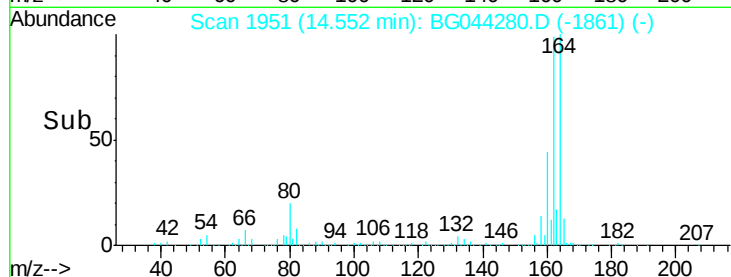
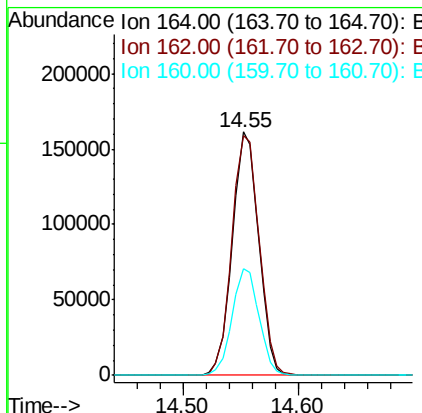
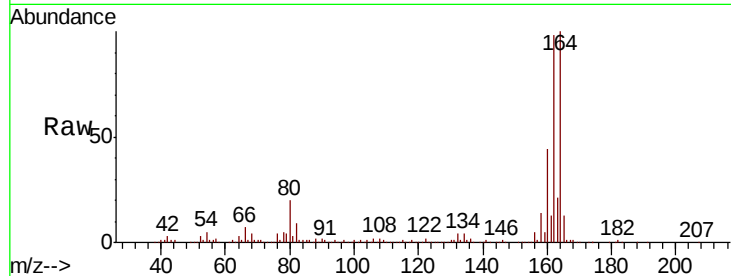




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044280.D
Acq: 3 Feb 2020 20:00

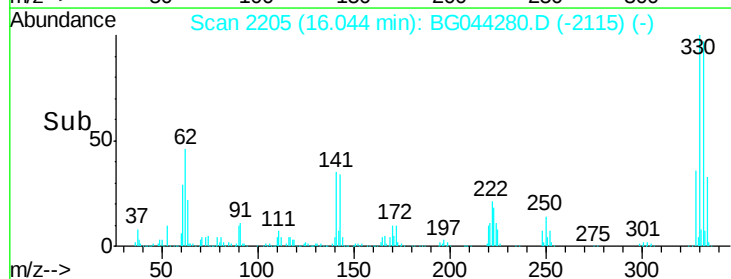
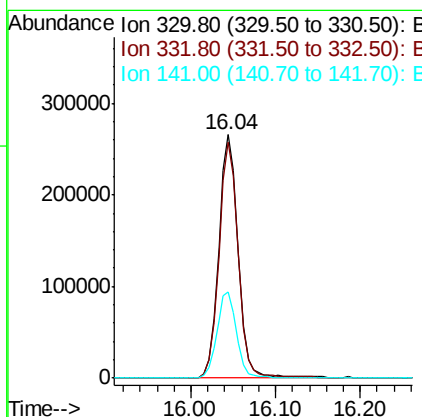
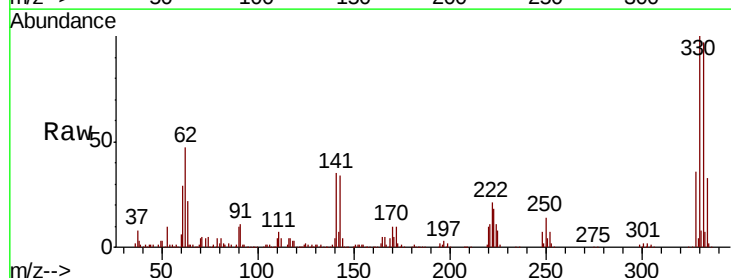
Instrument :
BNA_G
ClientSampleId :
PD-4-(30-32)

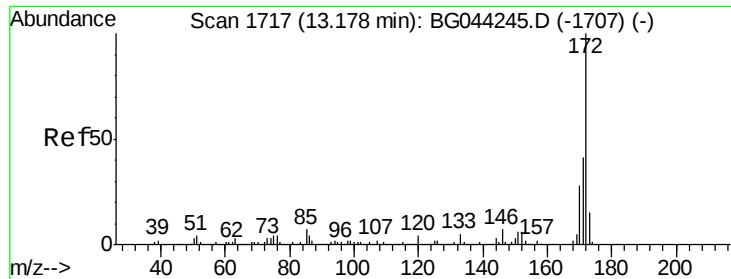
Tot Ion:164 Resp: 255327
Ion Ratio Lower Upper
164 100
162 98.5 80.7 121.1
160 44.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 141.998 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG044280.D
Acq: 3 Feb 2020 20:00

Tgt Ion:330 Resp: 425625
Ion Ratio Lower Upper
330 100
332 96.3 77.2 115.8
141 35.6 28.3 42.5

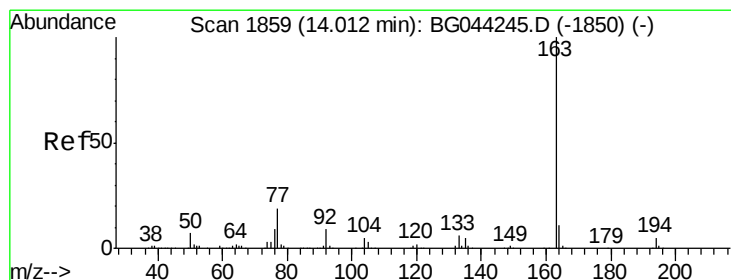
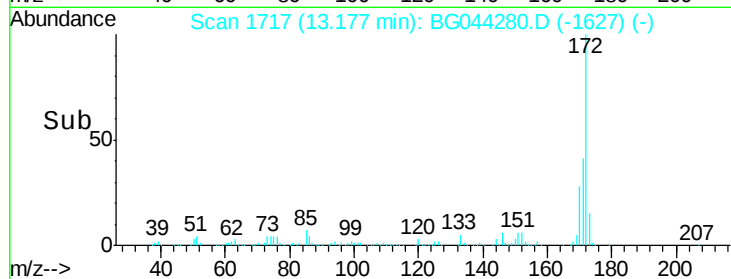
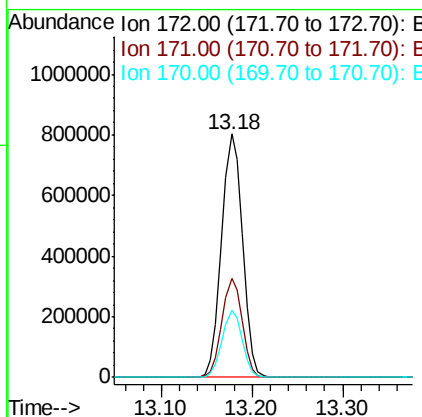
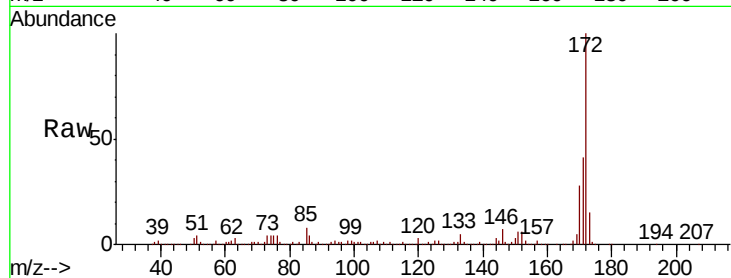




#45
2-Fluorobiphenyl
Concen: 84.421 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044280.D
Acq: 3 Feb 2020 20:00

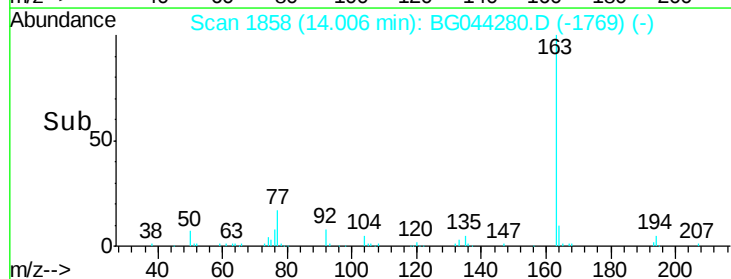
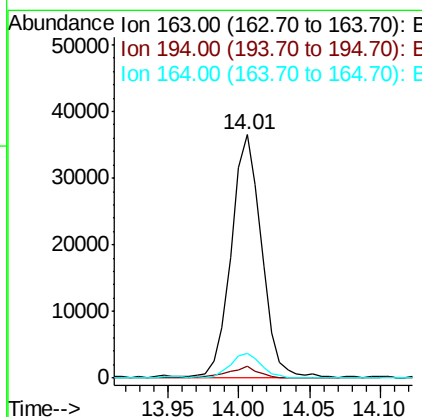
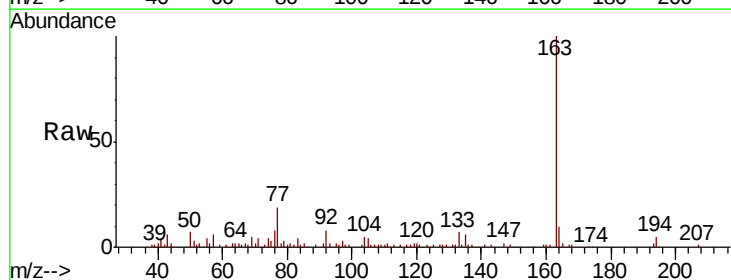
Instrument :
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PD-4-(30-32)

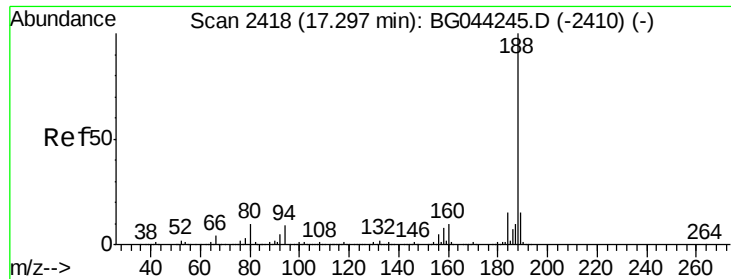
Tot Ion:172 Resp: 1287205
Ion Ratio Lower Upper
172 100
171 40.9 32.9 49.3
170 27.6 22.0 33.0



#50
Dimethylphthalate
Concen: 2.988 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG044280.D
Acq: 3 Feb 2020 20:00

Tgt Ion:163 Resp: 54844
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 10.3 8.7 13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG044280.D

Acq: 3 Feb 2020 20:00

Instrument :

BNA_G

ClientSampleId :

PD-4-(30-32)

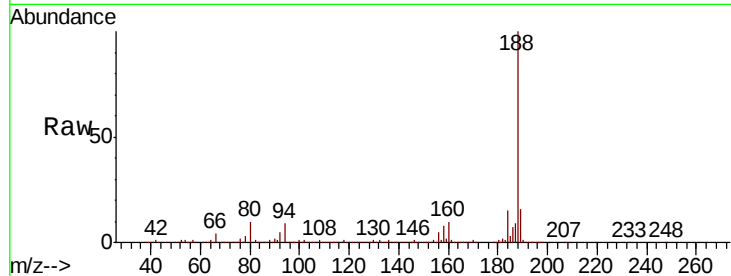
Tot Ion:188 Resp: 564456

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

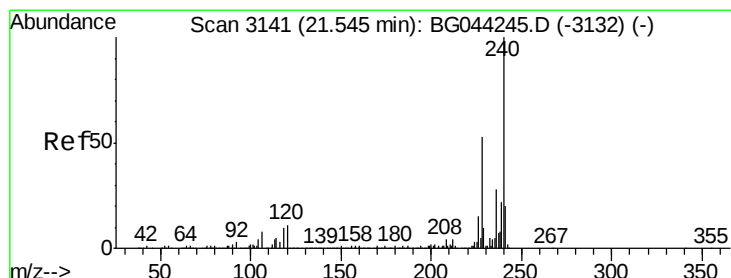
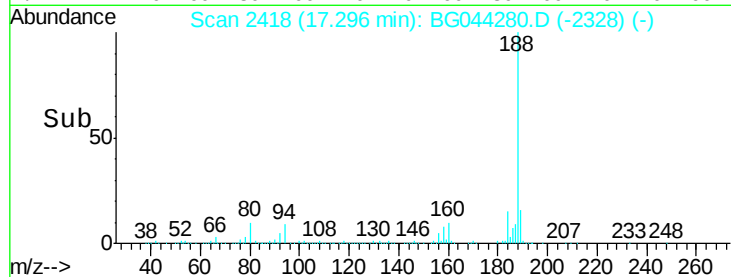
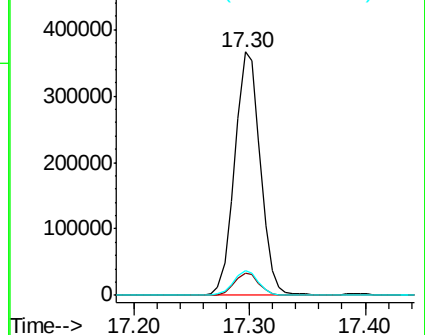
80 10.1 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG044280.D

Acq: 3 Feb 2020 20:00

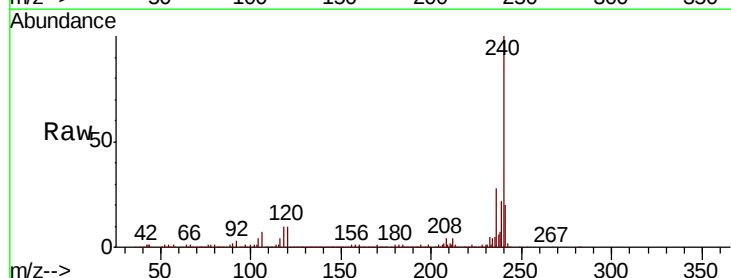
Tgt Ion:240 Resp: 510399

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

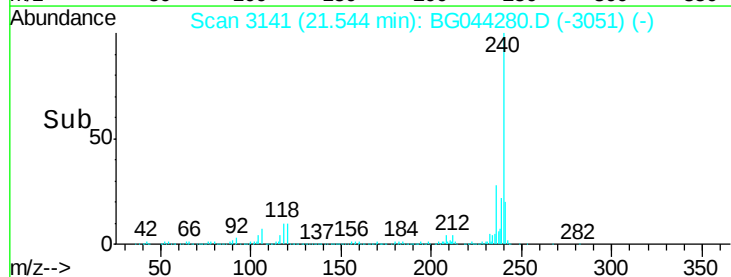
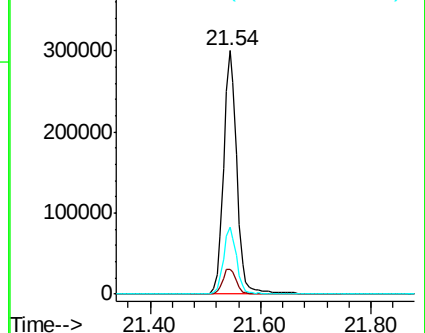
236 27.6 22.1 33.1

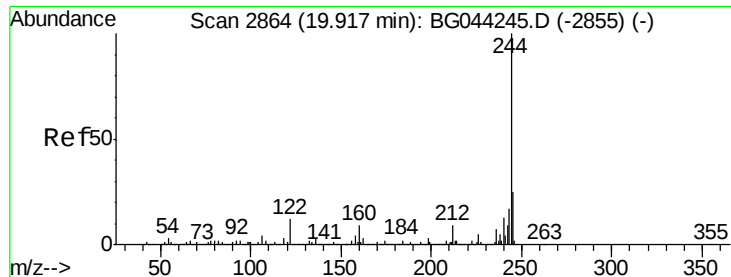


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.009 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044280.D

Acq: 3 Feb 2020 20:00

Instrument :

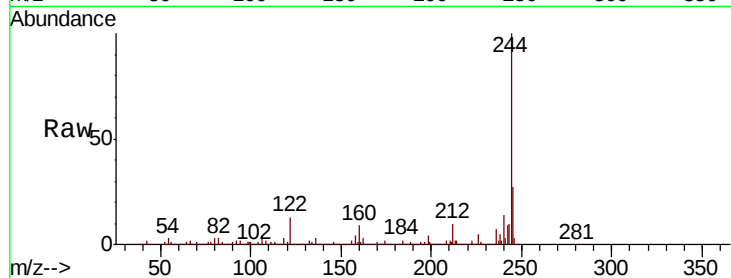
BNA_G

ClientSampleId :

PD-4-(30-32)

Tot Ion:244 Resp: 2010193

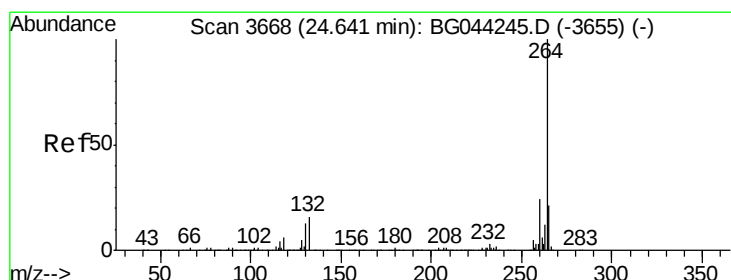
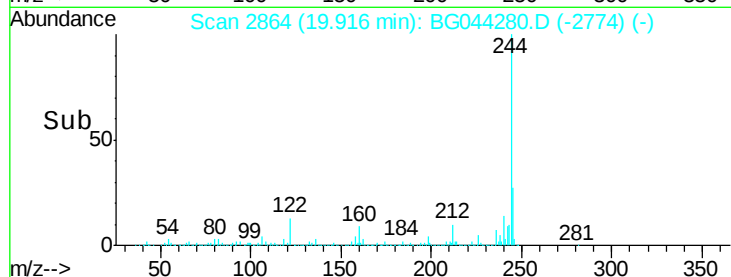
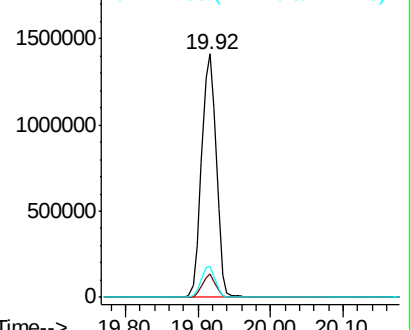
Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.4	11.2
122	12.7	9.8	14.6



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: 24.65 min Scan# 3669

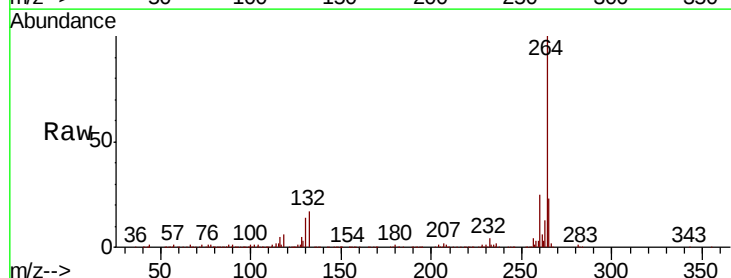
Delta R.T. 0.01 min

Lab File: BG044280.D

Acq: 3 Feb 2020 20:00

Tgt Ion:264 Resp: 555010

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	22.9	16.7	25.1



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

