

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044299.D
 Acq On : 5 Feb 2020 3:09
 Operator : CG/JU
 Sample : L1346-06DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Feb 05 05:48:38 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

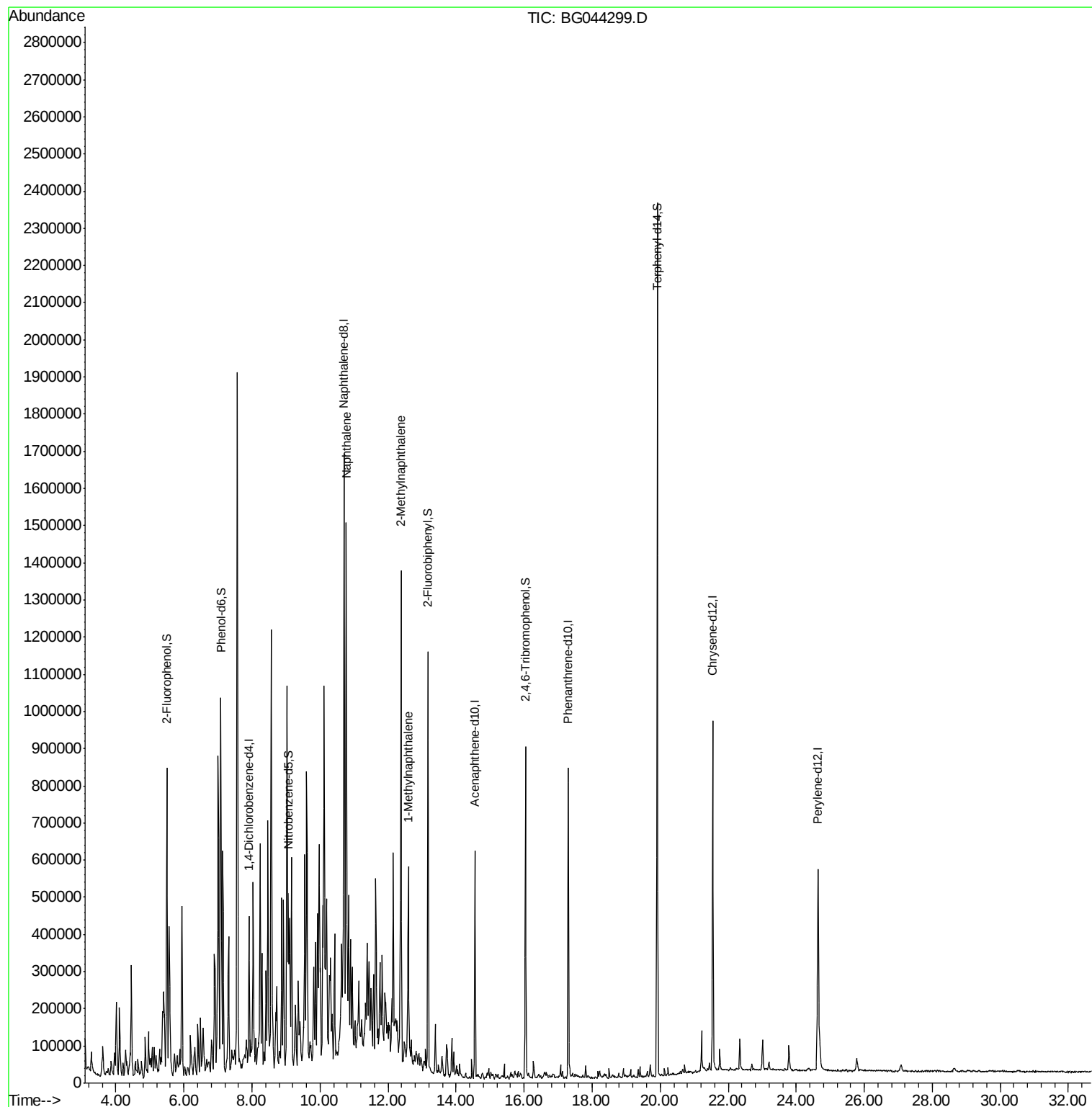
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	80908	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	310921	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	226720	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	526738	20.00	ng	0.00
76) Chrysene-d12	21.54	240	522311	20.00	ng	0.00
87) Perylene-d12	24.64	264	575363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	348614	76.04	ng	0.00
7) Phenol-d6	7.08	99	457001	74.23	ng	0.00
23) Nitrobenzene-d5	9.07	82	278940	50.65	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	178940	67.23	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	616160	45.51	ng	0.00
79) Terphenyl-d14	19.92	244	1160184	45.69	ng	0.00
Target Compounds						
31) Naphthalene	10.77	128	856176	56.757	ng	98
37) 2-Methylnaphthalene	12.38	142	628456	56.111	ng	99
38) 1-Methylnaphthalene	12.59	142	247800	23.467	ng	99

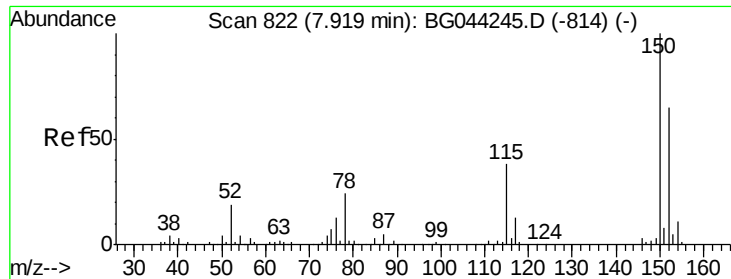
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
Data File : BG044299.D
Acq On : 5 Feb 2020 3:09
Operator : CG/JU
Sample : L1346-06DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Feb 05 05:48:38 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



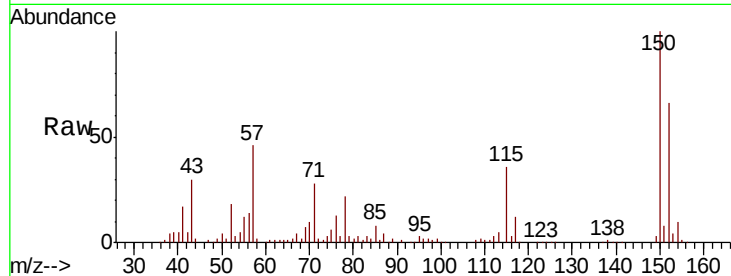


#1

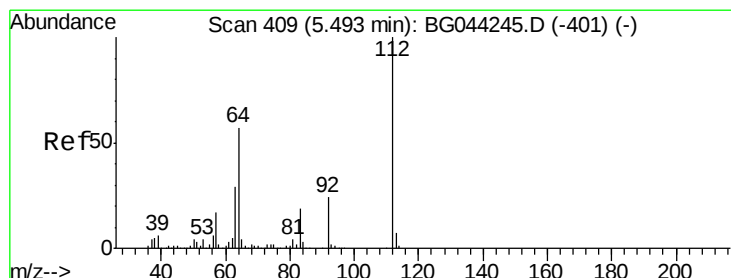
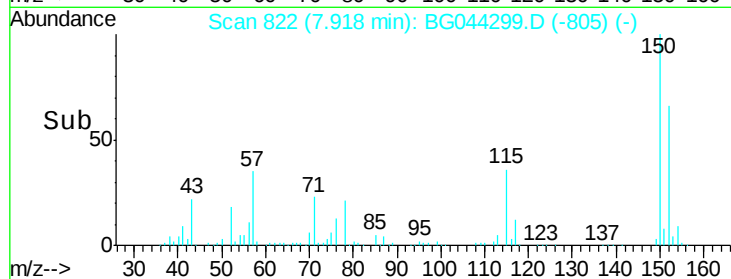
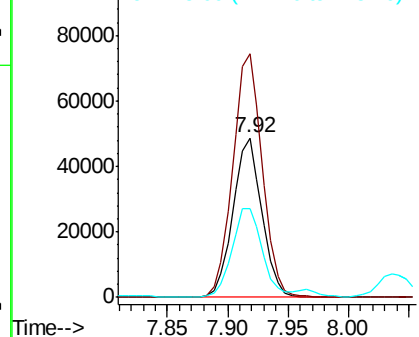
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG044299.D
 Acq: 5 Feb 2020 3:09

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.6	183.8
115	55.3	46.0	69.0



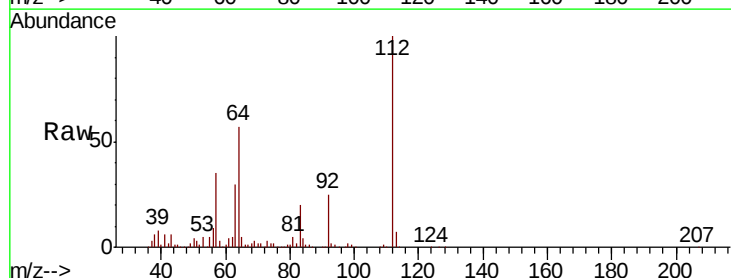
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



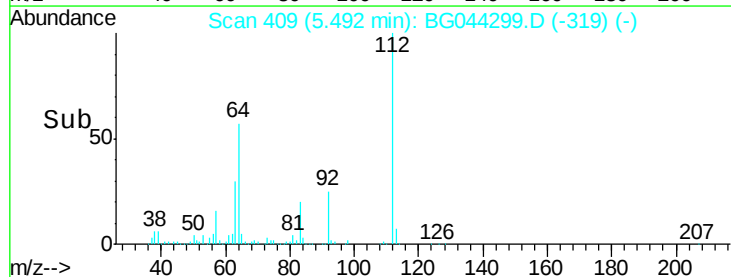
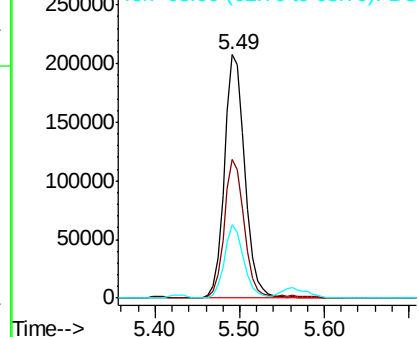
#5

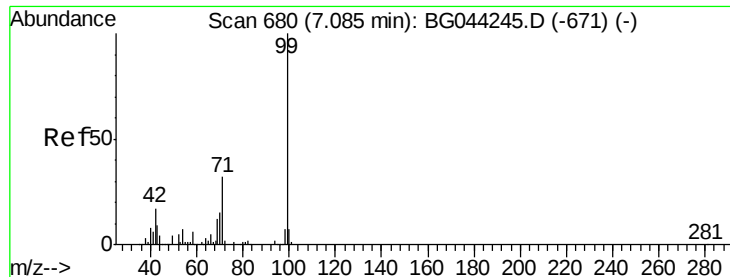
2-Fluorophenol
 Concen: 76.043 ng
 RT: 5.49 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BG044299.D
 Acq: 5 Feb 2020 3:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.4	68.2
63	29.9	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: 74.234 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044299.D

Acq: 5 Feb 2020 3:09

Instrument :

BNA_G

ClientSampleId :

PD-4-(30-32)DL

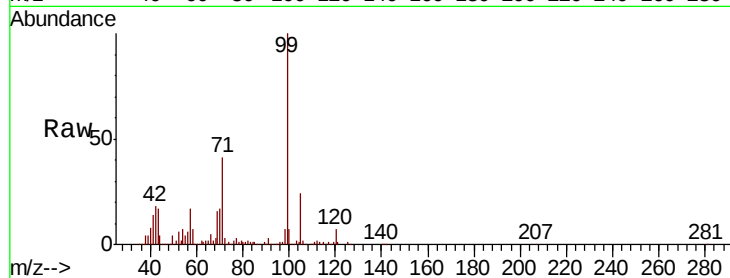
Tot Ion: 99 Resp: 457001

Ion Ratio Lower Upper

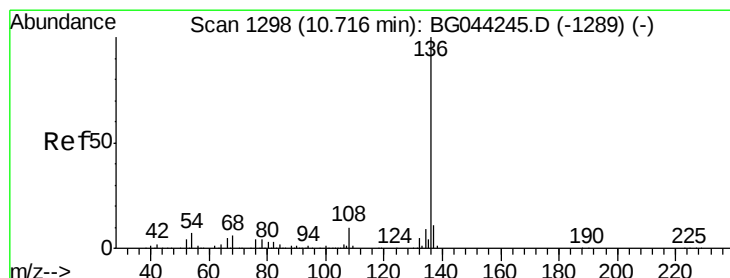
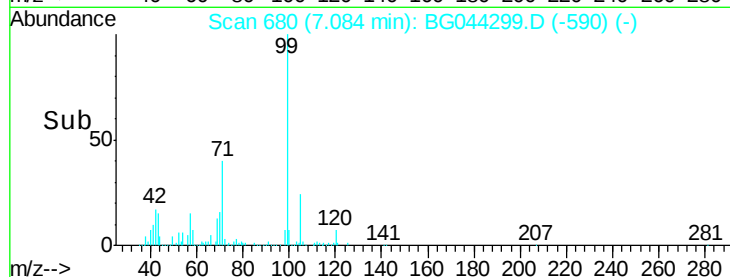
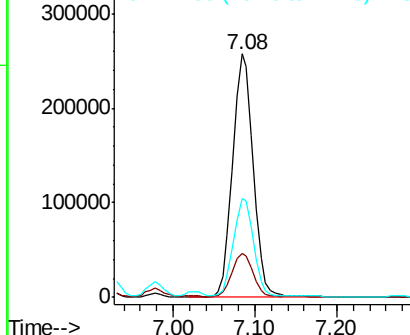
99 100

42 18.0 13.8 20.6

71 40.7 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: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044299.D

Acq: 5 Feb 2020 3:09

Tgt Ion: 136 Resp: 310921

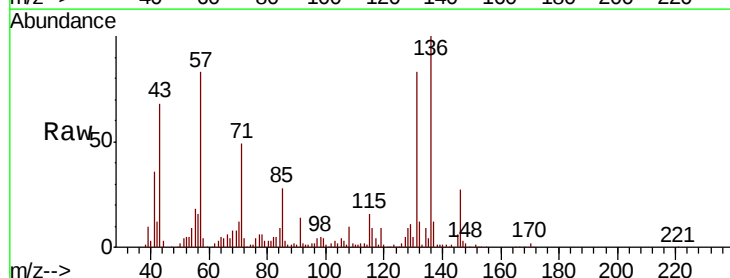
Ion Ratio Lower Upper

136 100

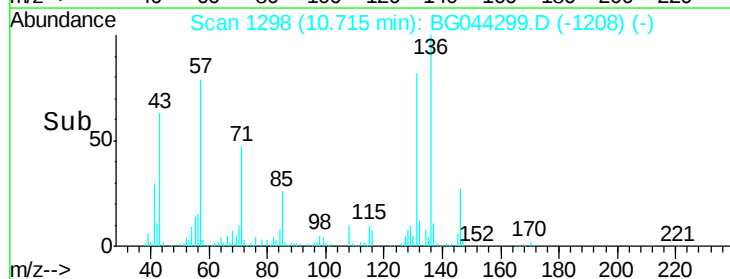
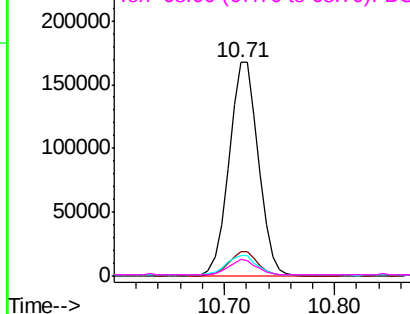
137 11.6 8.8 13.2

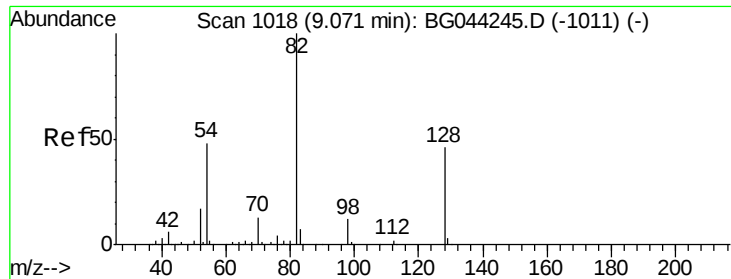
54 9.4 5.8 8.8#

68 7.6 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

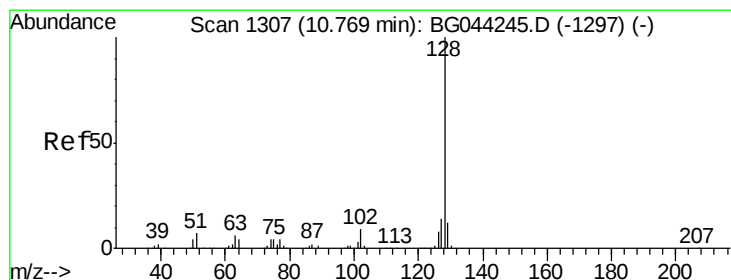
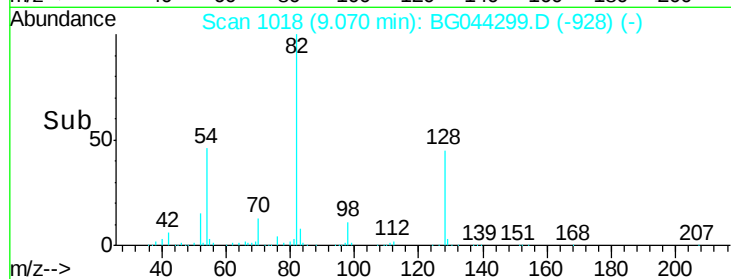
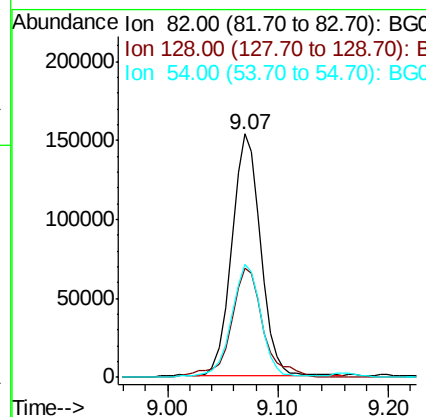
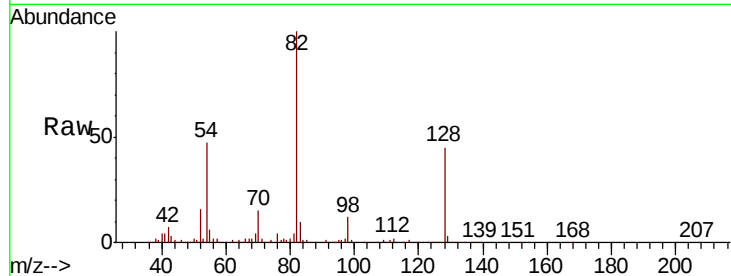




#23
 Nitrobenzene-d5
 Concen: 50.649 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044299.D
 Acq: 5 Feb 2020 3:09

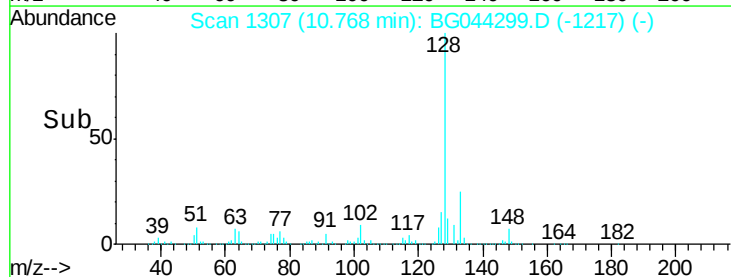
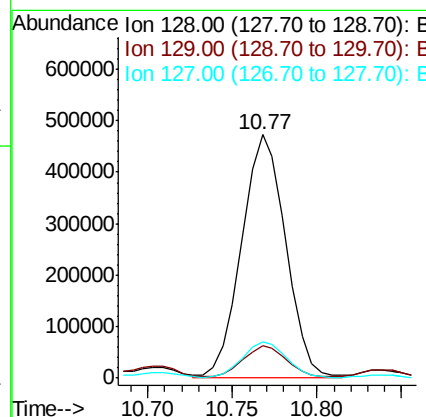
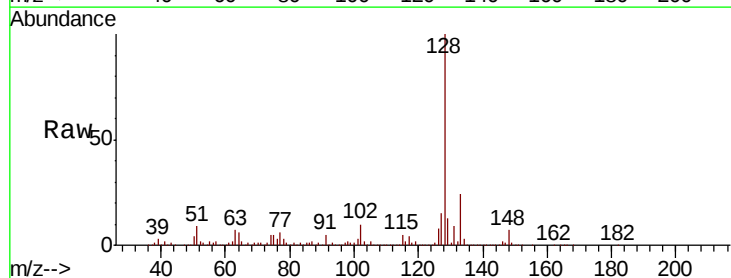
Instrument :
 BNA_G
 ClientSampleId :
 PD-4-(30-32)DL

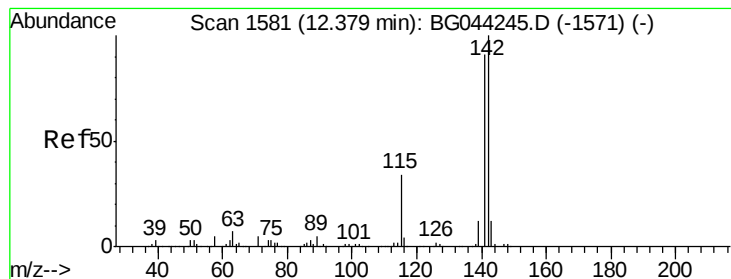
Tot Ion	82	Resp	278940
Ion Ratio	Lower	Upper	
82	100		
128	44.7	36.5	54.7
54	46.5	38.6	58.0



#31
 Naphthalene
 Concen: 56.757 ng
 RT: 10.77 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BG044299.D
 Acq: 5 Feb 2020 3:09

Tgt Ion	128	Resp	856176
Ion Ratio	Lower	Upper	
128	100		
129	13.4	9.3	13.9
127	14.8	11.6	17.4





#37

2-Methylnaphthalene

Concen: 56.111 ng

RT: 12.38 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BG044299.D

Acq: 5 Feb 2020 3:09

Instrument :

BNA_G

ClientSampleId :

PD-4-(30-32)DL

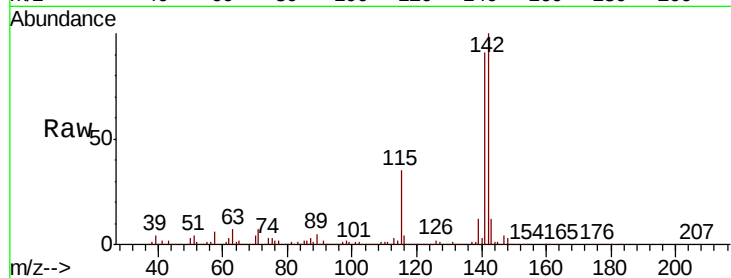
Tot Ion:142 Resp: 628456

Ion Ratio Lower Upper

142 100

141 90.6 73.2 109.8

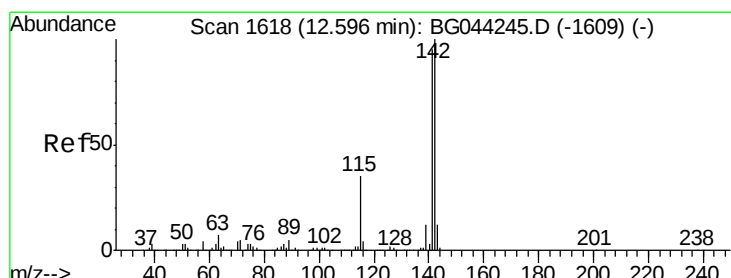
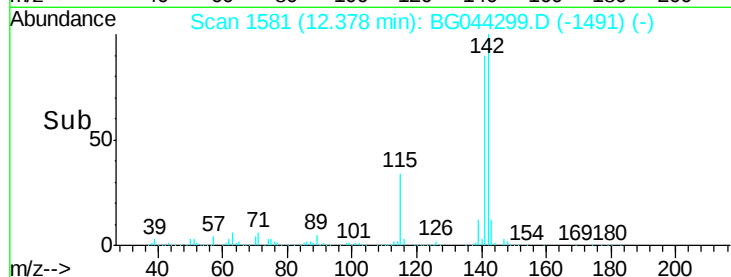
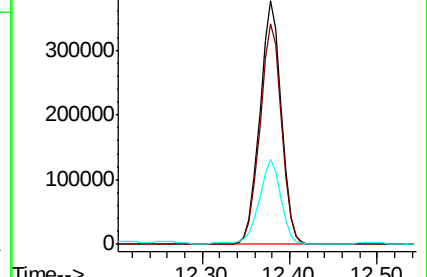
115 35.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 23.467 ng

RT: 12.59 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG044299.D

Acq: 5 Feb 2020 3:09

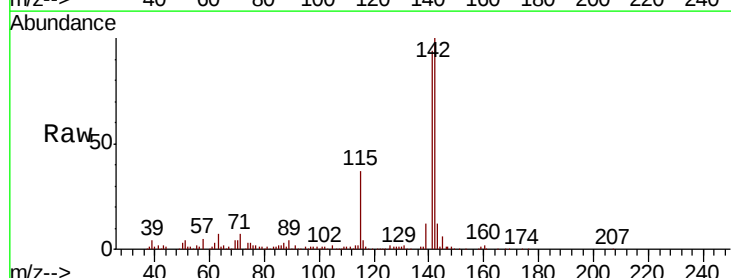
Tgt Ion:142 Resp: 247800

Ion Ratio Lower Upper

142 100

141 93.8 75.8 113.6

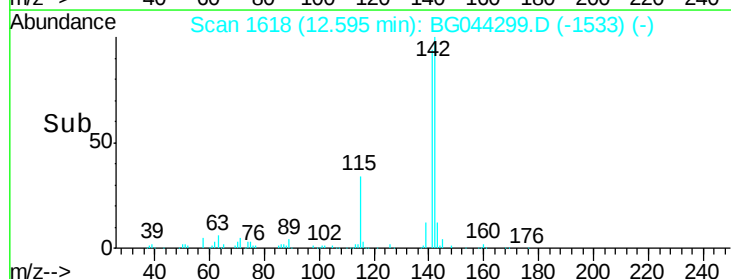
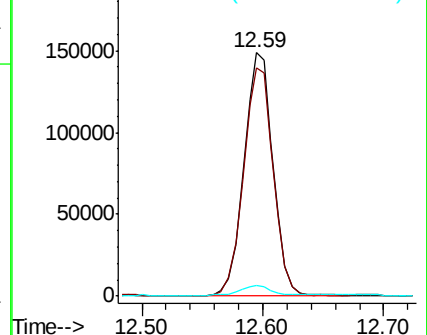
116 4.2 3.1 4.7

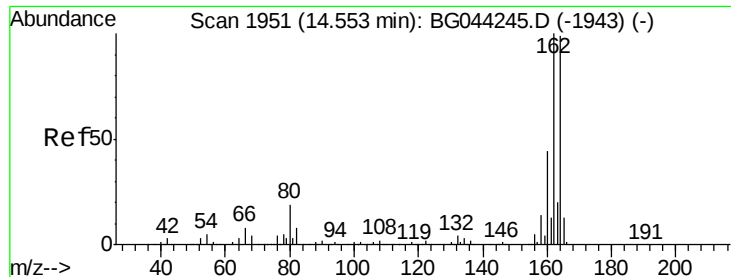


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

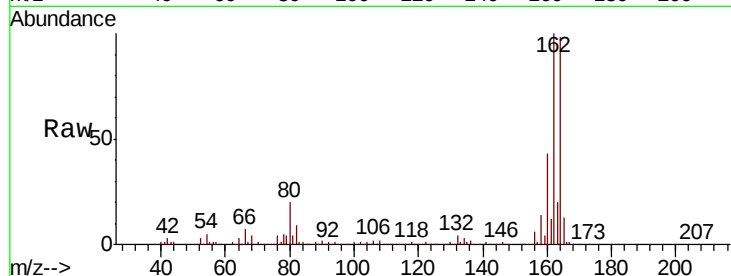




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044299.D
Acq: 5 Feb 2020 3:09

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.7	121.1
160	44.2	35.3	52.9

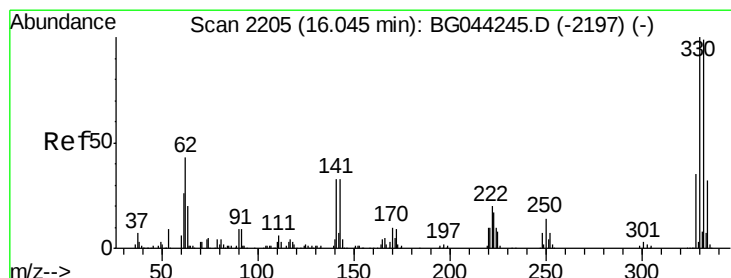
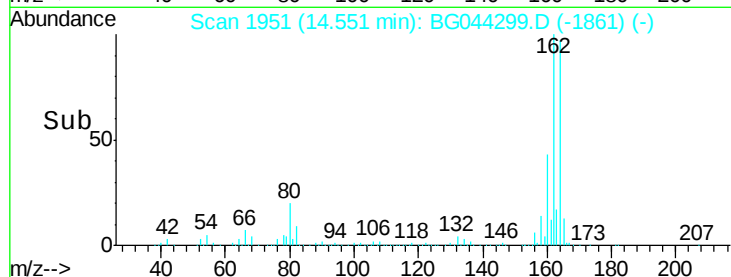
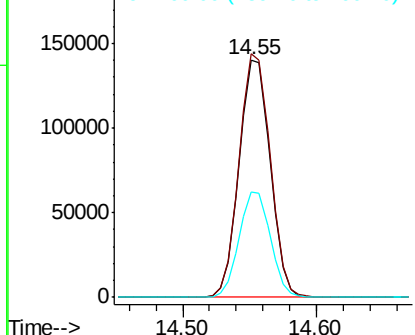


Abundance

Ion 164.00 (163.70 to 164.70): E

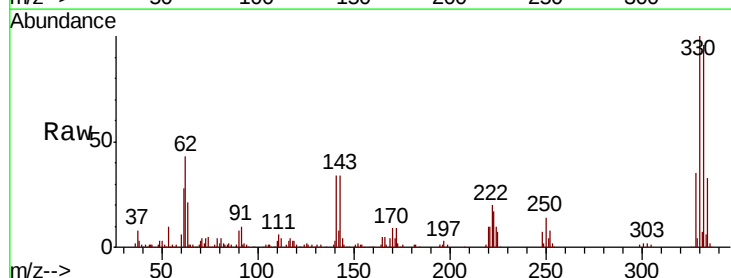
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 67.231 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG044299.D
Acq: 5 Feb 2020 3:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.2	115.8
141	37.5	28.3	42.5

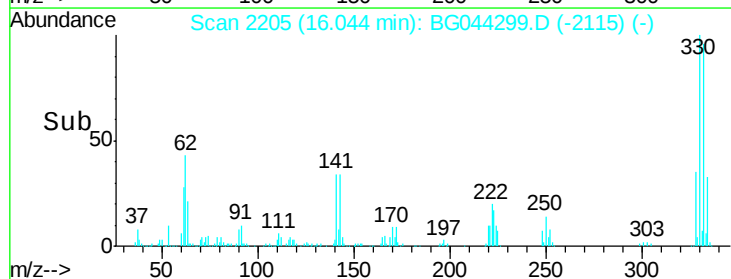
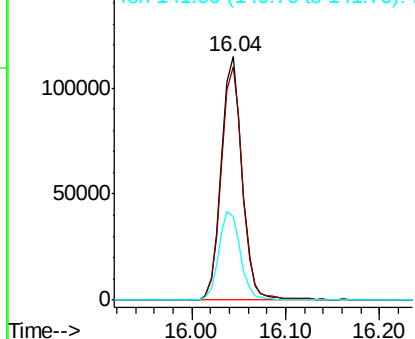


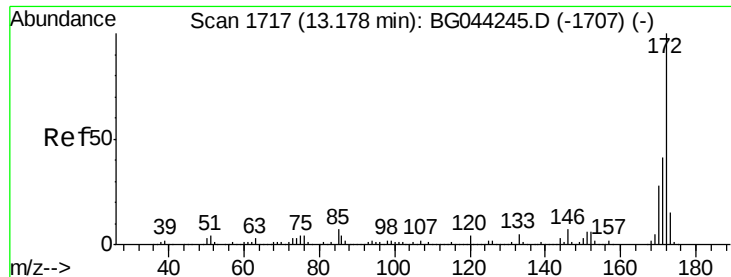
Abundance

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

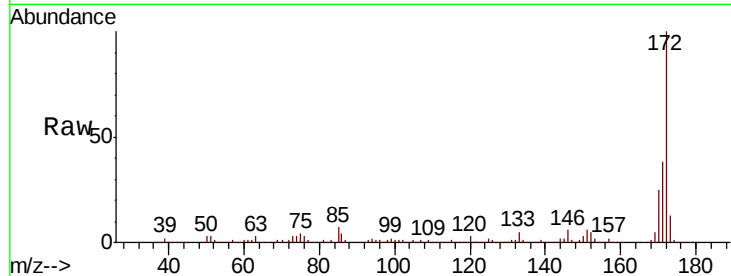




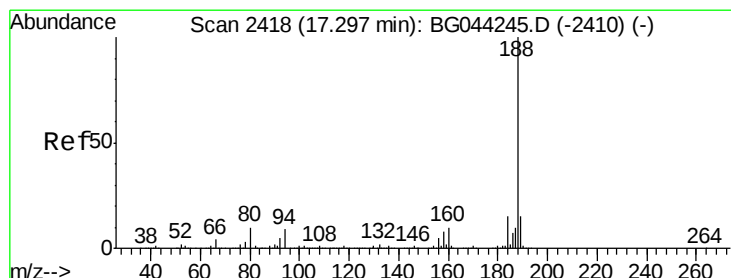
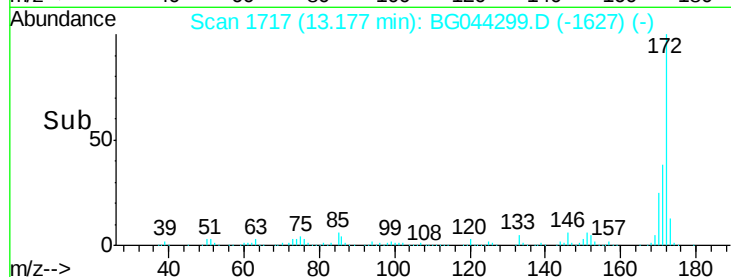
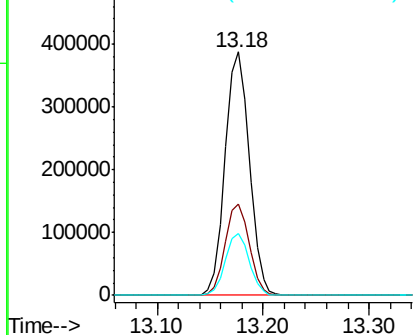
#45
2-Fluorobiphenyl
Concen: 45.510 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044299.D
Acq: 5 Feb 2020 3:09

Instrument :
BNA_G
ClientSampleID :
PD-4-(30-32)DL

Tot Ion:172 Resp: 616160
Ion Ratio Lower Upper
172 100
171 37.7 32.9 49.3
170 25.3 22.0 33.0

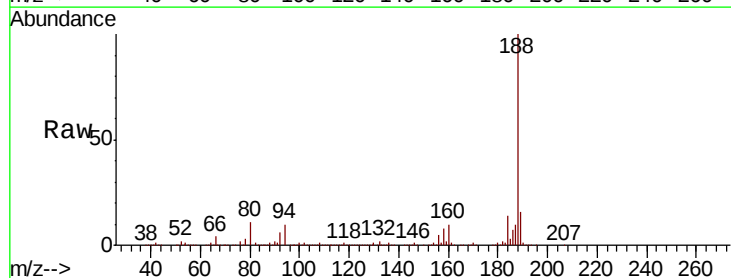


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

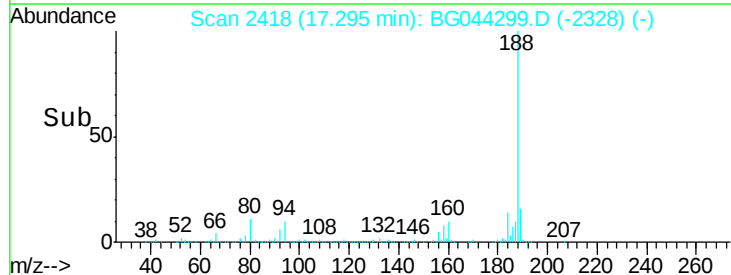
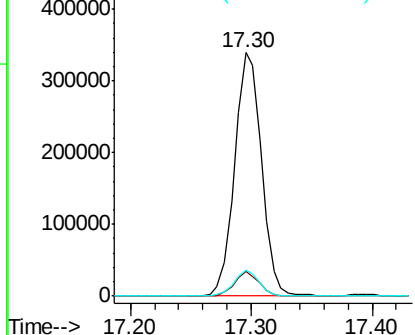


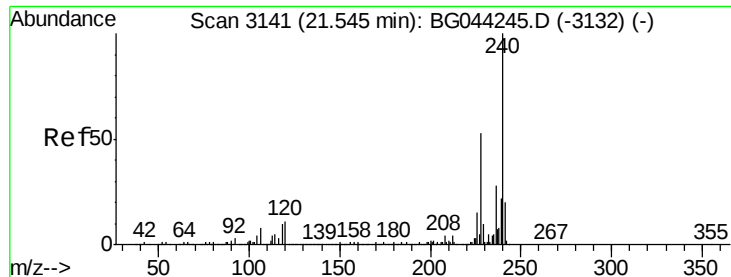
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044299.D
Acq: 5 Feb 2020 3:09

Tgt Ion:188 Resp: 526738
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.5 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

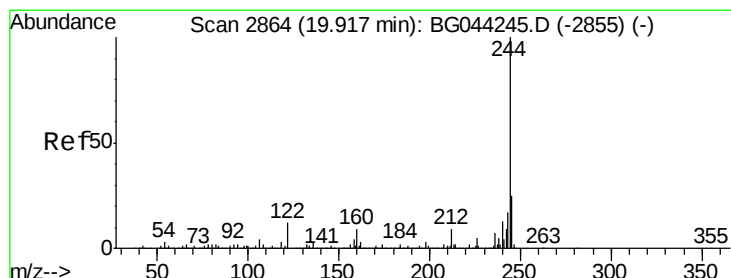
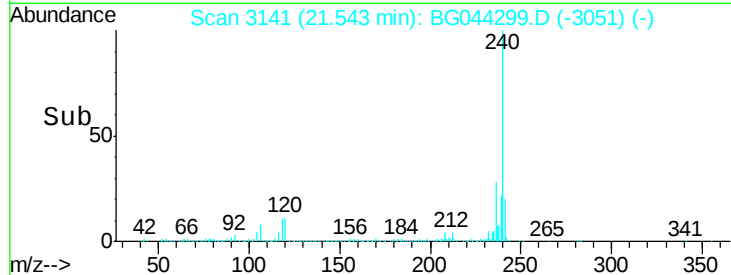
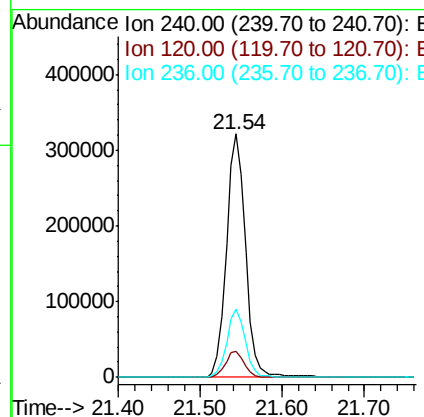
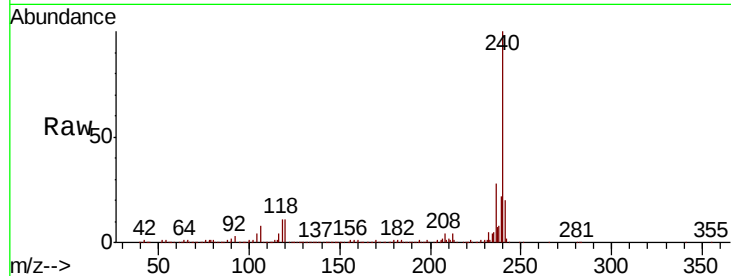




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG044299.D
 Acq: 5 Feb 2020 3:09

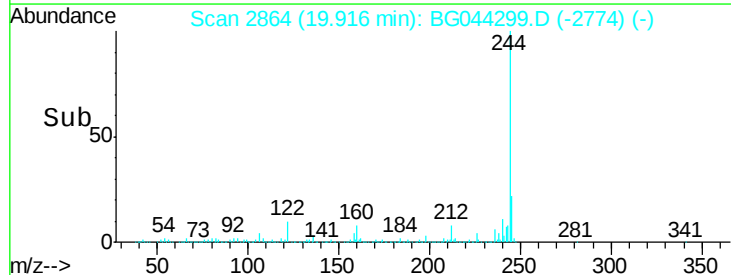
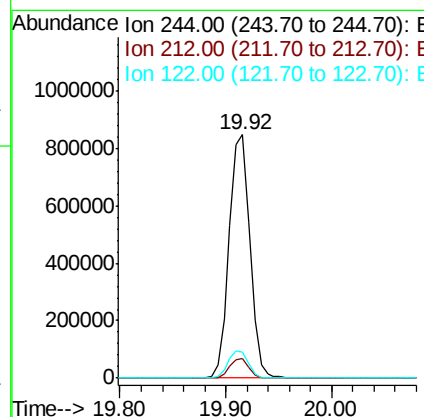
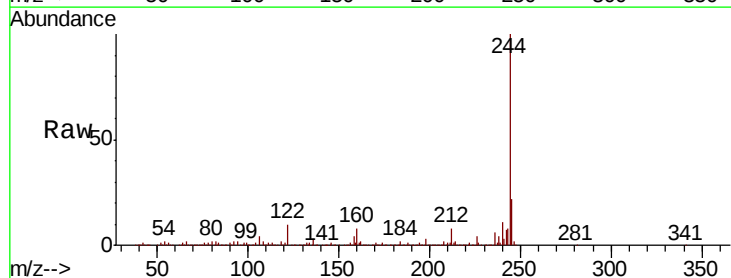
Instrument :
 BNA_G
 ClientSampleId :
 PD-4-(30-32)DL

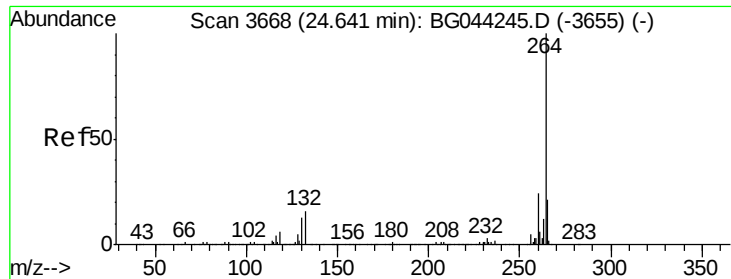
Tot Ion:240 Resp: 522311
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.4 12.6
 236 28.0 22.1 33.1



#79
 Terphenyl-d14
 Concen: 45.688 ng
 RT: 19.92 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BG044299.D
 Acq: 5 Feb 2020 3:09

Tgt Ion:244 Resp: 1160184
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.4 11.2
 122 10.5 9.8 14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG044299.D
Acq: 5 Feb 2020 3:09

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.7	16.7	25.1

