

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044535.D
 Acq On : 21 Feb 2020 00:29
 Operator : CG/JU
 Sample : L1587-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 06:51:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

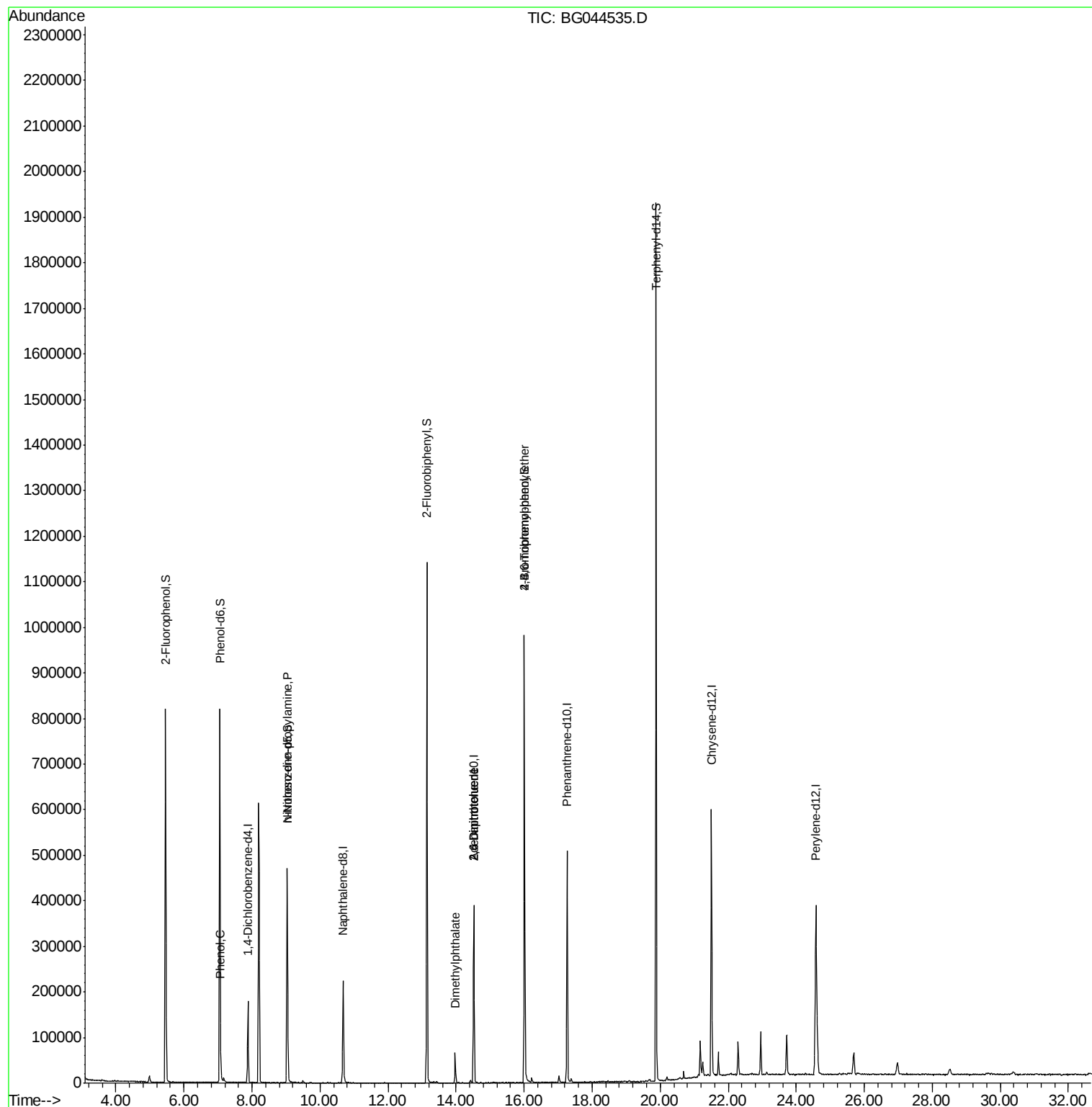
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	55229	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	225345	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	148619	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	336287	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	357429	20.00	ng	-0.03
87) Perylene-d12	24.58	264	381556	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	414494	132.45	ng	-0.02
7) Phenol-d6	7.05	99	544331	129.53	ng	-0.02
23) Nitrobenzene-d5	9.03	82	315964	79.16	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	209292	119.96	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	631587	71.16	ng	-0.02
79) Terphenyl-d14	19.88	244	1006301	57.91	ng	-0.02
Target Compounds						
10) Phenol	7.08	94	11354	2.730	ng	92
19) n-Nitroso-di-n-propylamine	9.03	70	40797	14.567	ng	# 75
50) Dimethylphthalate	13.98	163	56214	5.262	ng	99
51) 2,6-Dinitrotoluene	14.52	165	19381	8.136	ng	# 29
57) 2,4-Dinitrotoluene	14.52	165	19381	5.805	ng	# 26
67) 4-Bromophenyl-phenylether	16.01	248	14166	3.866	ng	# 1

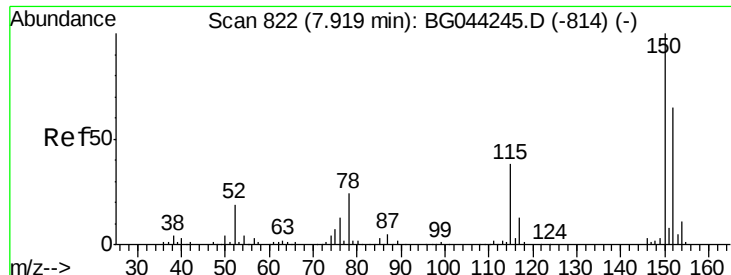
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :

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QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



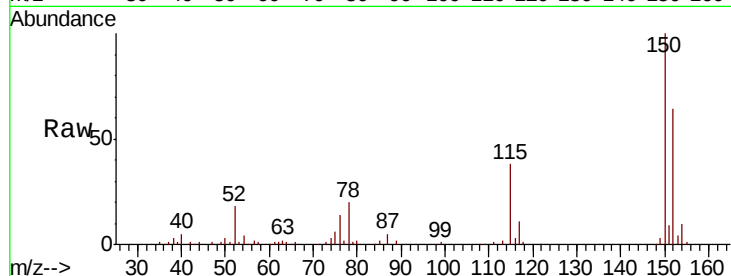


#1

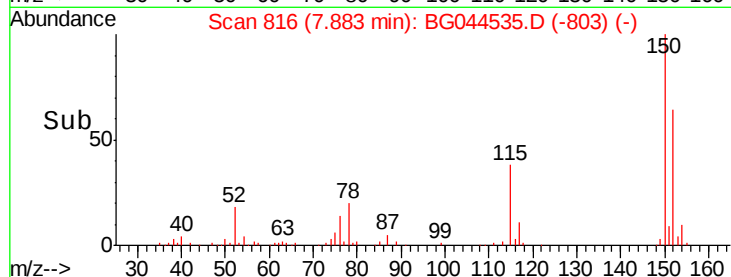
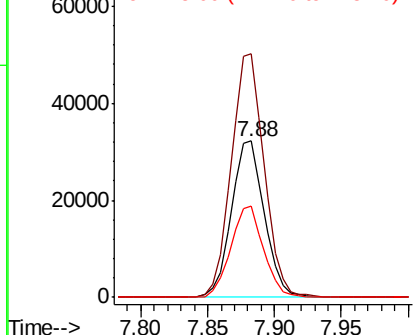
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BG044535.D
 Acq: 21 Feb 2020 00:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.6	183.8
115	58.5	46.0	69.0



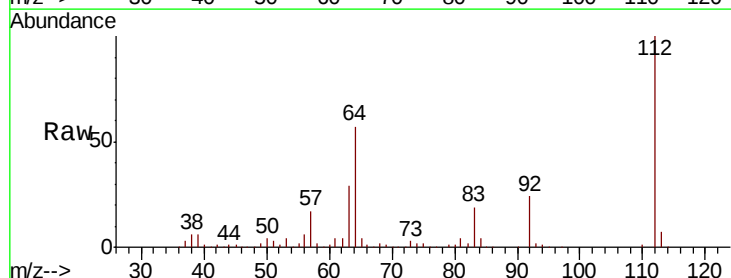
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



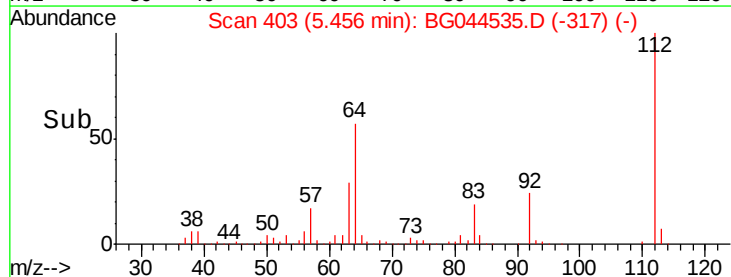
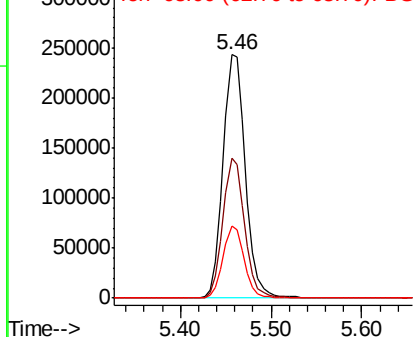
#5

2-Fluorophenol
 Concen: 132.452 ng
 RT: 5.46 min Scan# 403
 Delta R.T. -0.02 min
 Lab File: BG044535.D
 Acq: 21 Feb 2020 00:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.4	68.2
63	29.4	22.9	34.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 129.531 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044535.D

Acq: 21 Feb 2020 00:29

Instrument :

BNA_G

ClientSampleId :

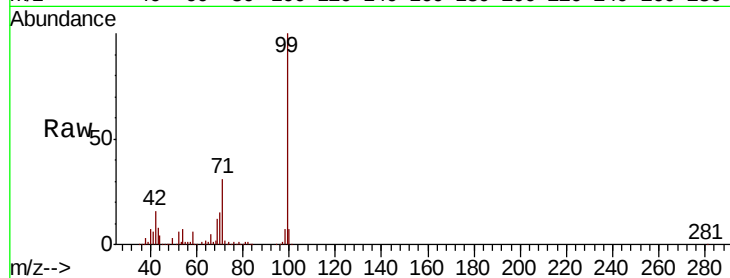
Tot Ion: 99 Resp: 544331

Ion Ratio Lower Upper

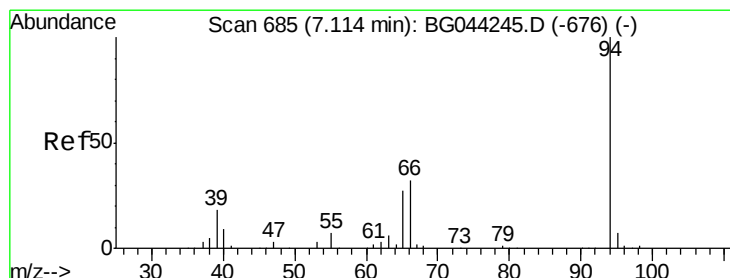
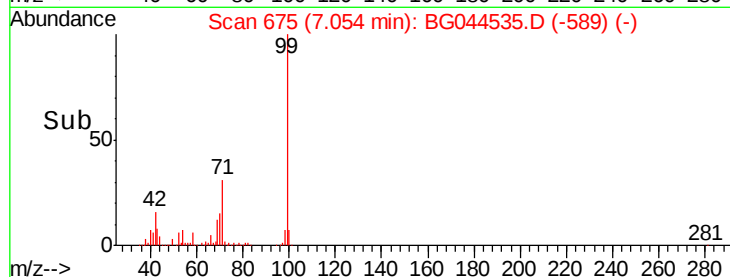
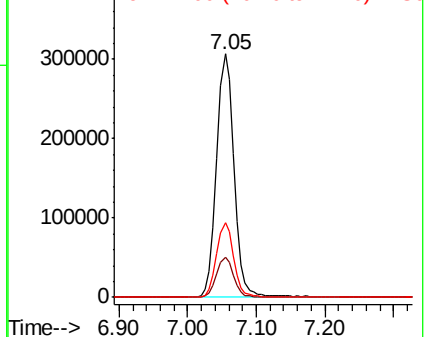
99 100

42 16.4 13.8 20.6

71 30.9 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



#10

Phenol

Concen: 2.730 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG044535.D

Acq: 21 Feb 2020 00:29

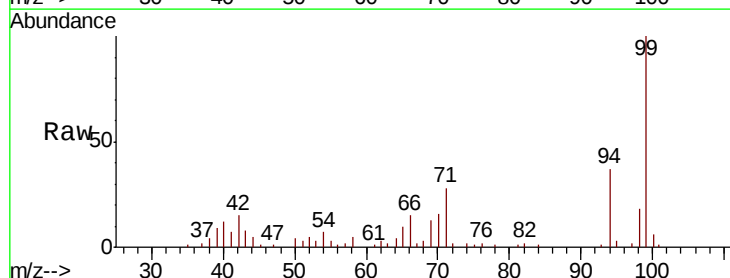
Tgt Ion: 94 Resp: 11354

Ion Ratio Lower Upper

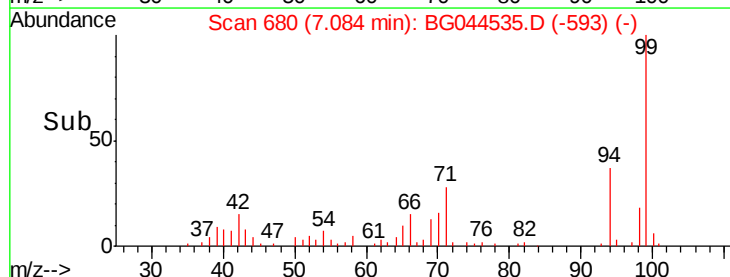
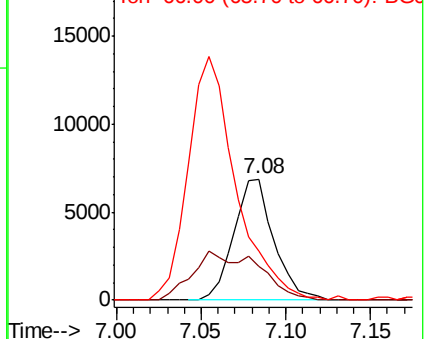
94 100

65 27.4 7.0 47.0

66 40.4 12.7 52.7



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

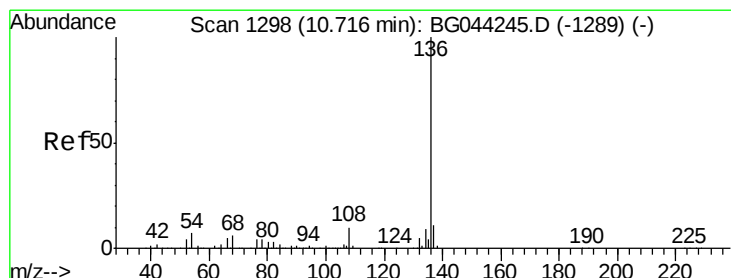
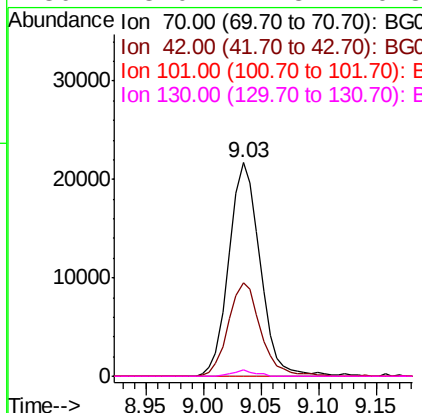
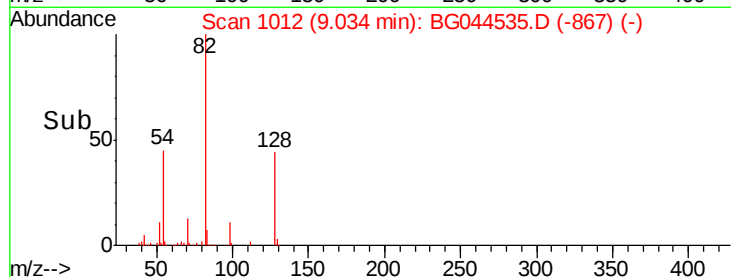
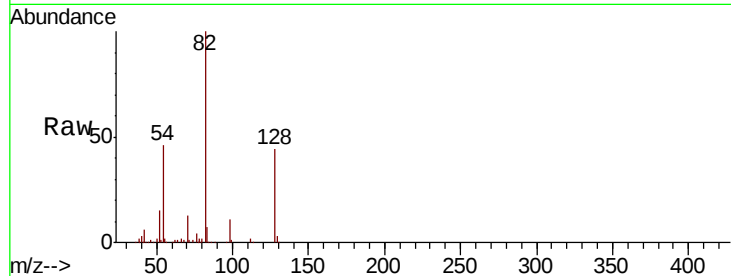




#19
n-Nitroso-di-n-propylamine
Concen: 14.567 ng
RT: 9.03 min Scan# 1012
Delta R.T. 0.32 min
Lab File: BG044535.D
Acq: 21 Feb 2020 00:29

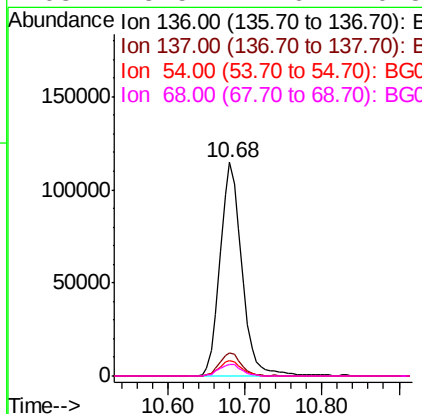
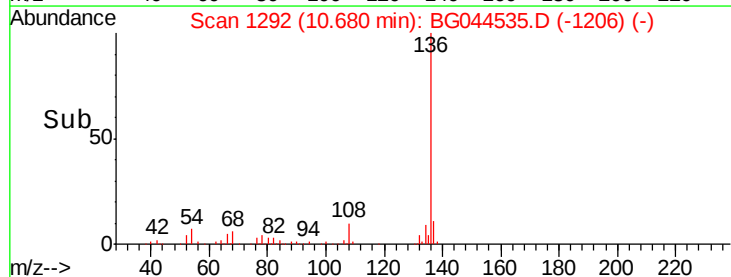
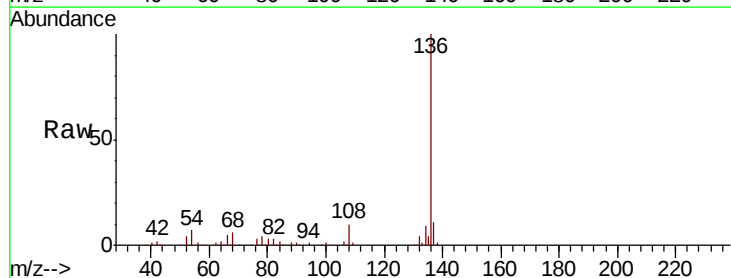
Instrument :
BNA_G
ClientSampleId :

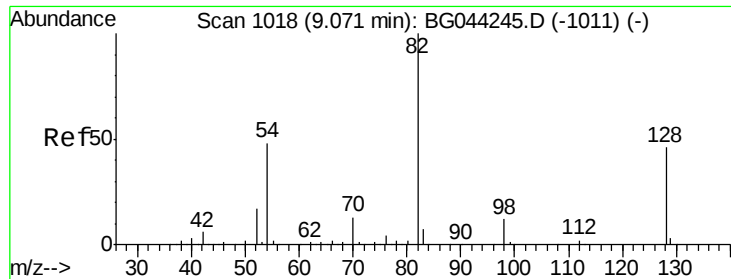
Tot Ion: 70 Resp: 40797
Ion Ratio Lower Upper
70 100
42 43.8 46.2 69.2#
101 0.0 8.4 12.6#
130 3.0 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG044535.D
Acq: 21 Feb 2020 00:29

Tgt Ion: 136 Resp: 225345
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.3 5.8 8.8
68 5.5 4.6 6.8

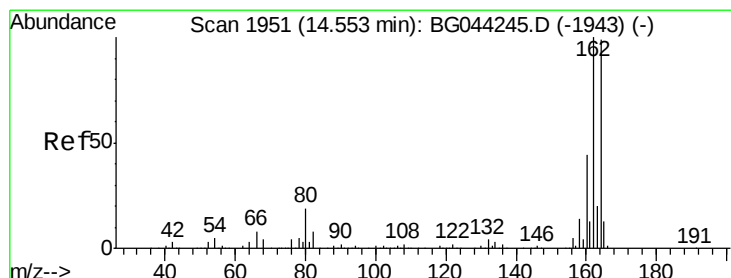
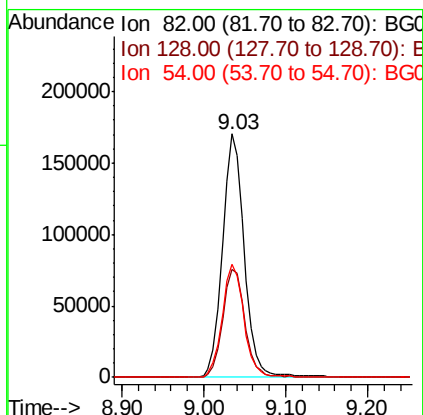
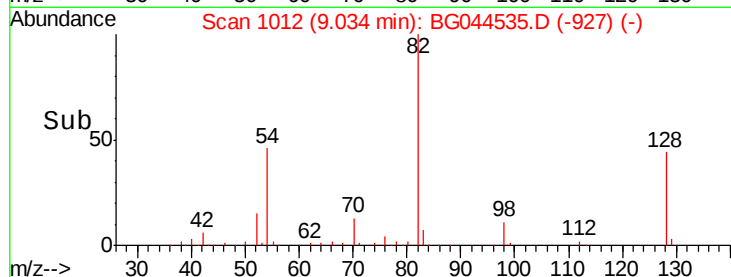
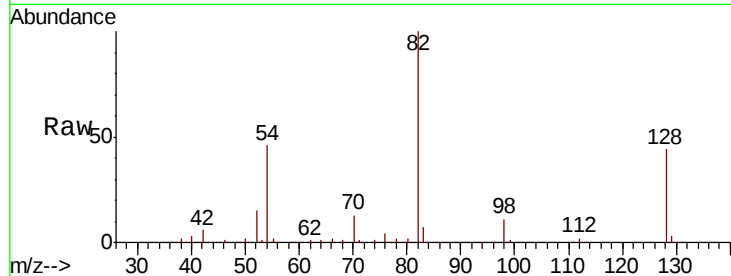




#23
 Nitrobenzene-d5
 Concen: 79.159 ng
 RT: 9.03 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BG044535.D
 Acq: 21 Feb 2020 00:29

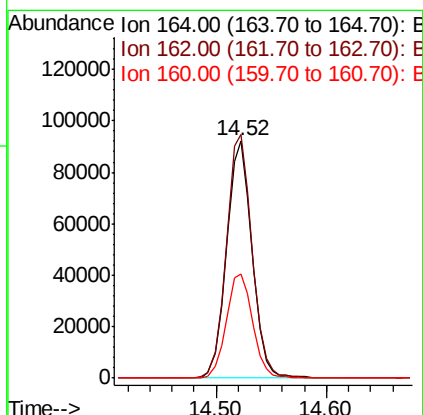
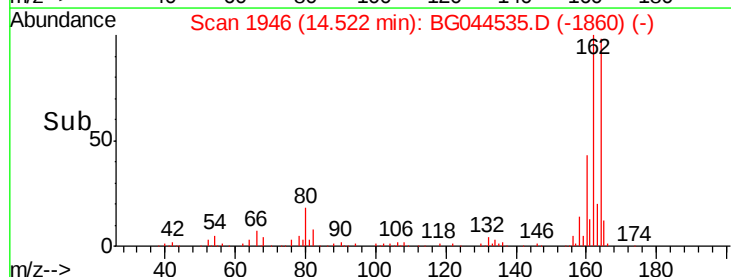
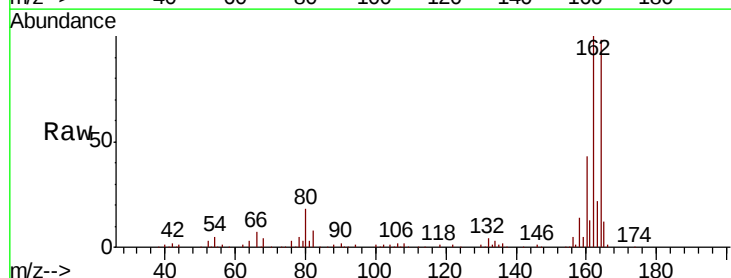
Instrument :
 BNA_G
 ClientSampled :

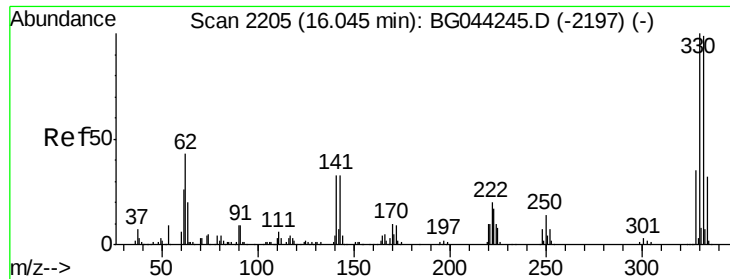
Tot Ion	82	Resp	315964
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
54	46.4	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.02 min
 Lab File: BG044535.D
 Acq: 21 Feb 2020 00:29

Tgt Ion	164	Resp	148619
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>80.7</td> <td></td> <td></td>	80.7		
Upper <td>121.1</td> <td></td> <td></td>	121.1		
162	102.5	35.3	52.9

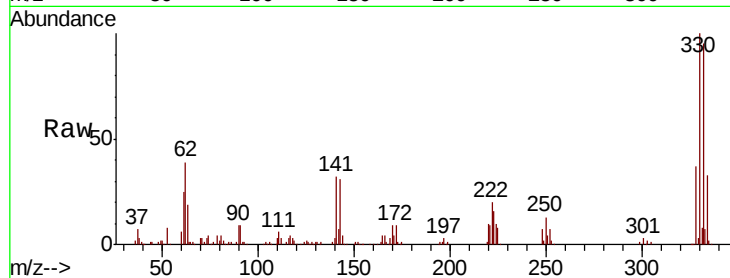




#42
 2,4,6-Tribromophenol
 Concen: 119.959 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG044535.D
 Acq: 21 Feb 2020 00:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.2	115.8
141	34.3	28.3	42.5

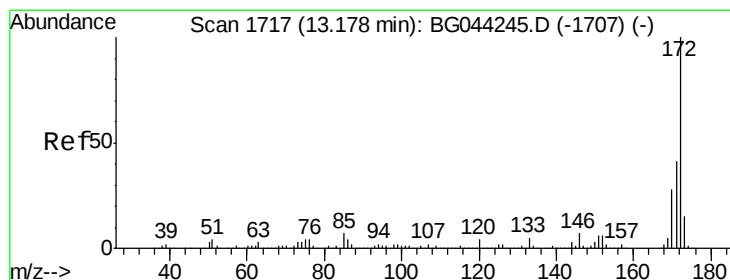
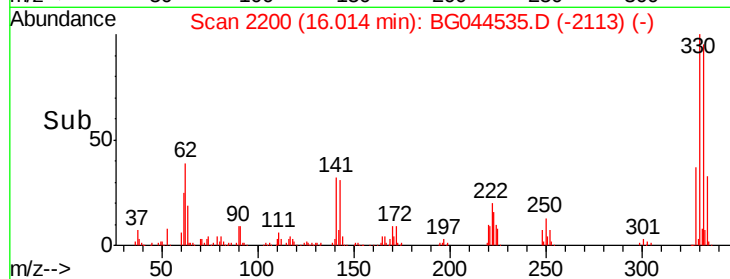
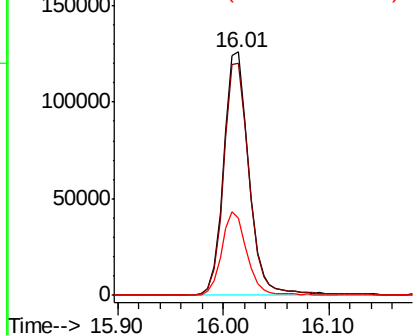


Abundance

Ion 329.80 (329.50 to 330.50): E

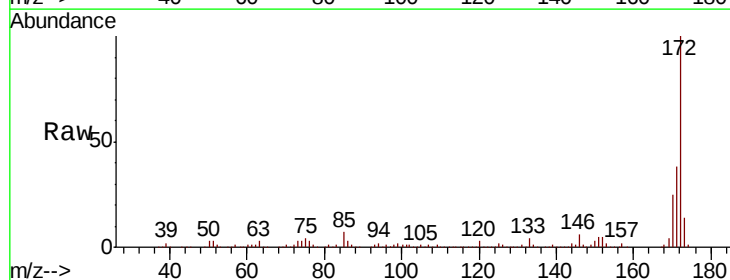
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.164 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG044535.D
 Acq: 21 Feb 2020 00:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.9	49.3
170	24.6	22.0	33.0

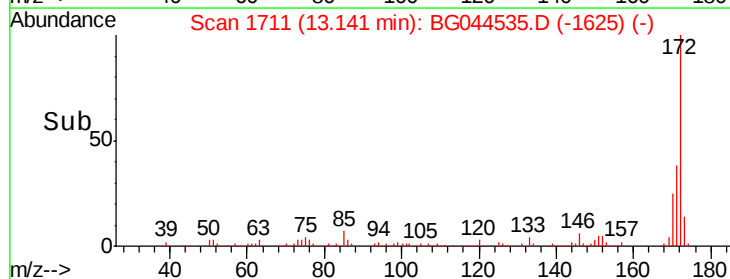
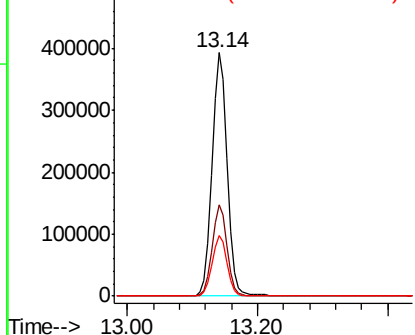


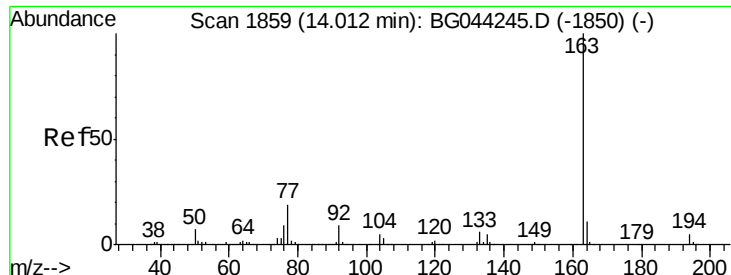
Abundance

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: 5.262 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BG044535.D

Acq: 21 Feb 2020 00:29

Instrument :

BNA_G

ClientSampleId :

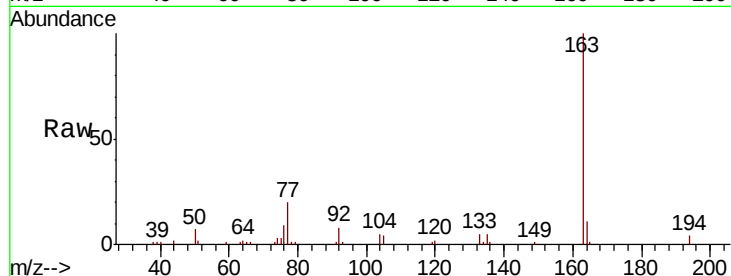
Tot Ion:163 Resp: 56214

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

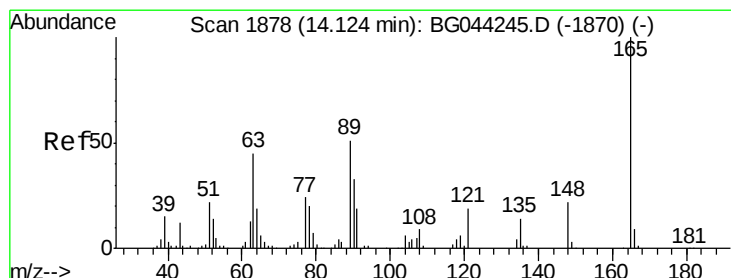
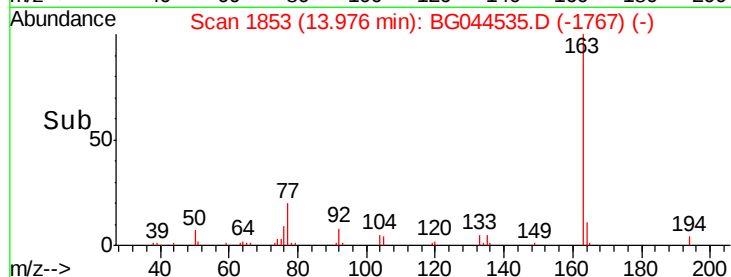
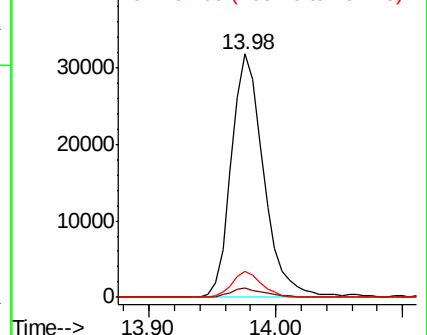
164 10.5 8.7 13.1



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



#51

2,6-Dinitrotoluene

Concen: 8.136 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.40 min

Lab File: BG044535.D

Acq: 21 Feb 2020 00:29

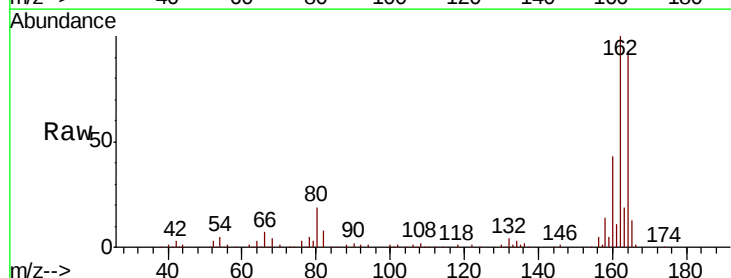
Tgt Ion:165 Resp: 19381

Ion Ratio Lower Upper

165 100

63 1.4 38.7 58.1#

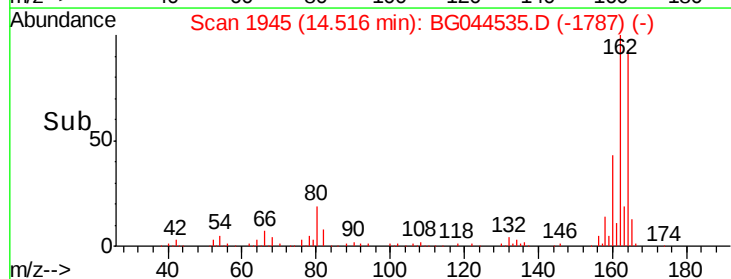
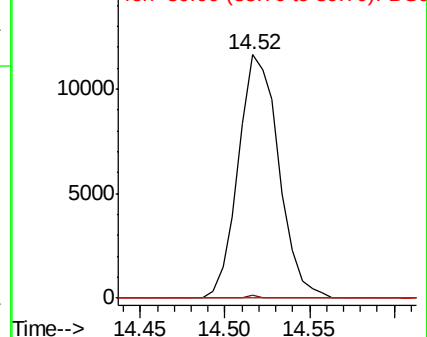
89 0.0 40.4 60.6#

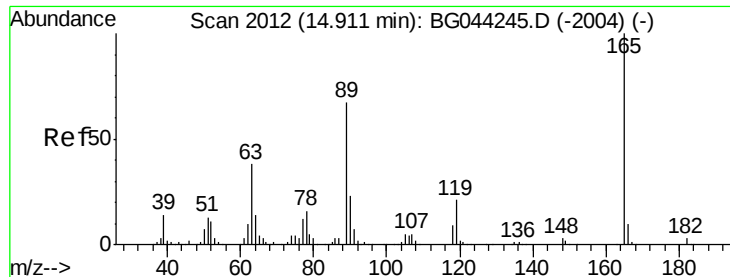


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

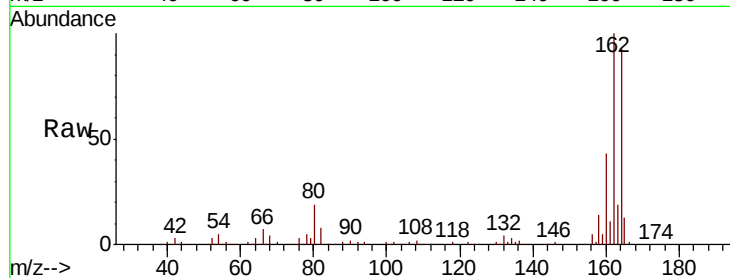




#57
 2,4-Dinitrotoluene
 Concen: 5.805 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. -0.39 min
 Lab File: BG044535.D
 Acq: 21 Feb 2020 00:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	30.3	45.5#
89	0.0	53.4	80.2#
182	0.0	2.1	3.1#



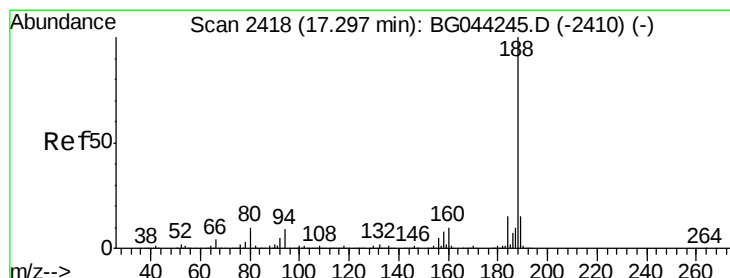
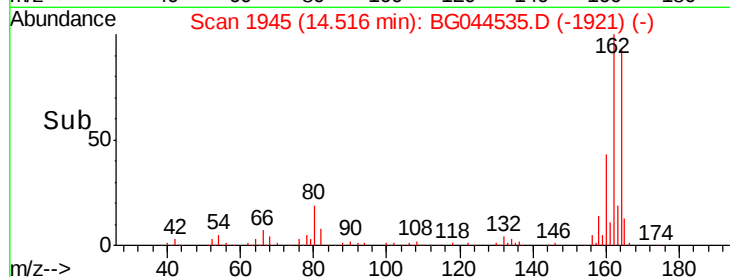
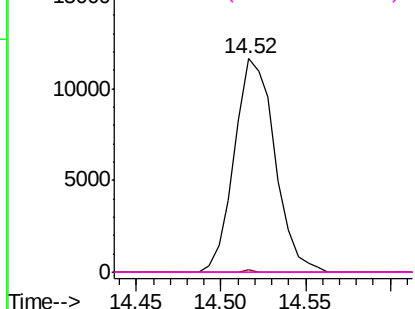
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

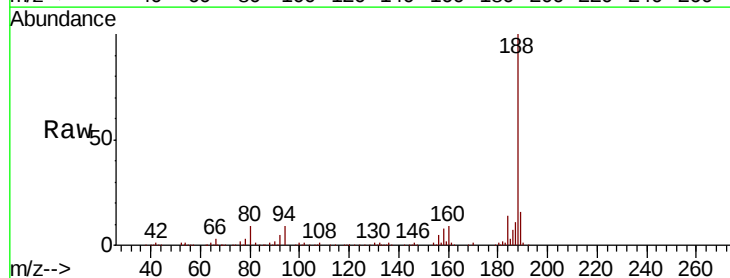
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.27 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG044535.D
 Acq: 21 Feb 2020 00:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.2
80	9.1	7.7	11.5

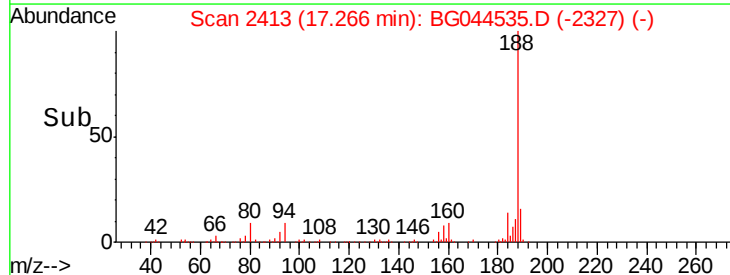
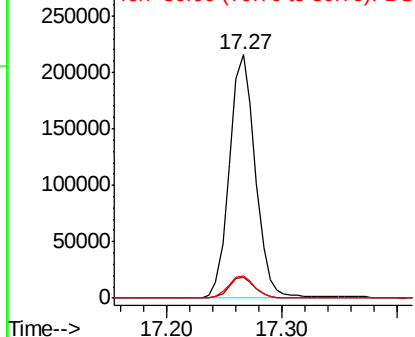


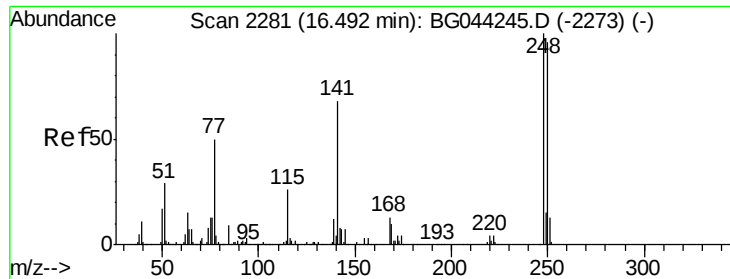
Abundance

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

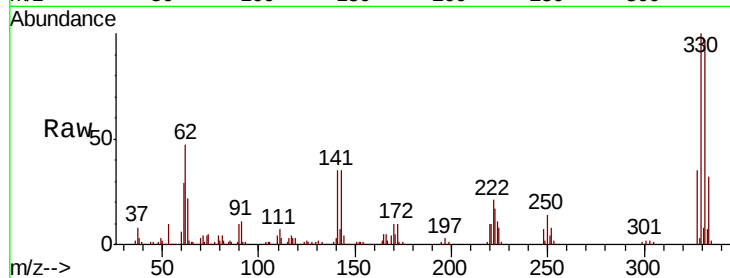




#67
 4-Bromophenyl-phenylether
 Concen: 3.866 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.47 min
 Lab File: BG044535.D
 Acq: 21 Feb 2020 00:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	196.1	76.6	114.8#
141	480.5	54.7	82.1#

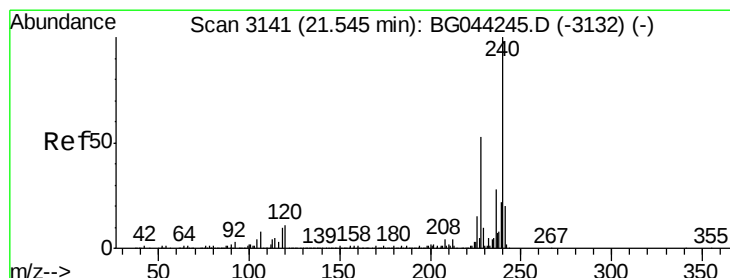
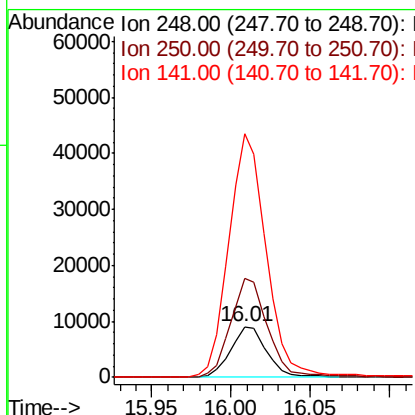
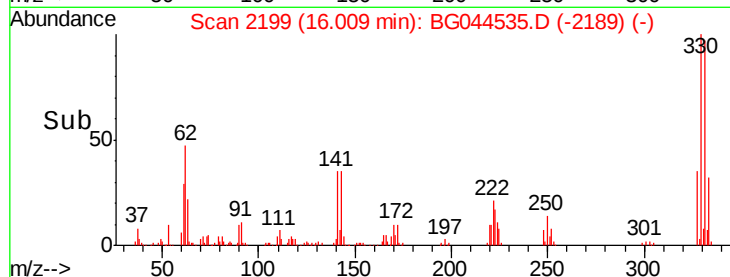


Abundance

Ion 248.00 (247.70 to 248.70): E

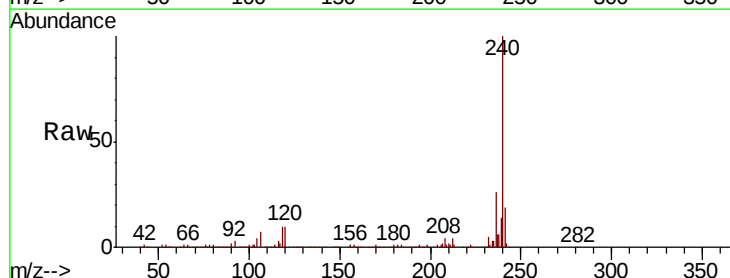
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.03 min
 Lab File: BG044535.D
 Acq: 21 Feb 2020 00:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	26.4	22.1	33.1

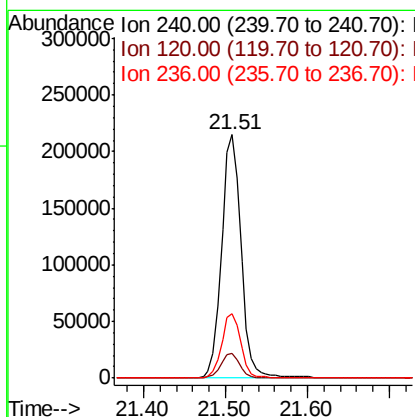
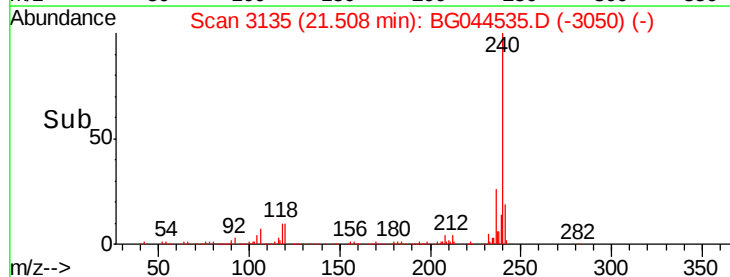


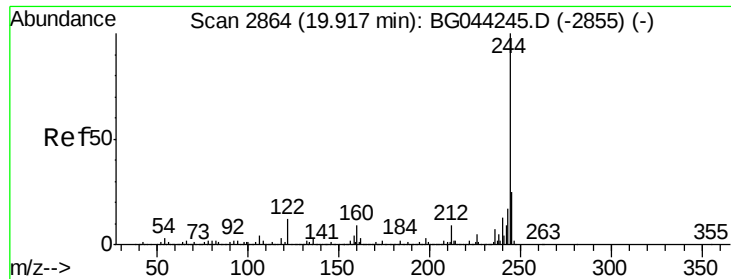
Abundance

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: 57.909 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG044535.D

Acq: 21 Feb 2020 00:29

Instrument :

BNA_G

ClientSampleId :

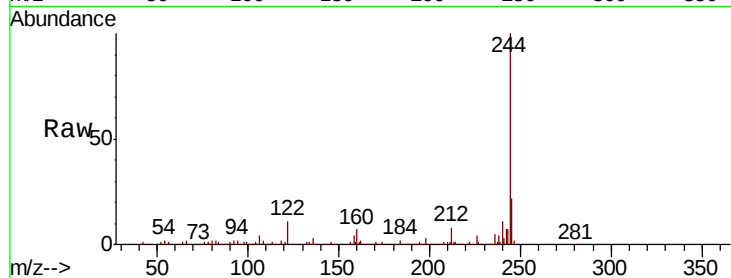
Tot Ion:244 Resp: 1006301

Ion Ratio Lower Upper

244 100

212 7.5 7.4 11.2

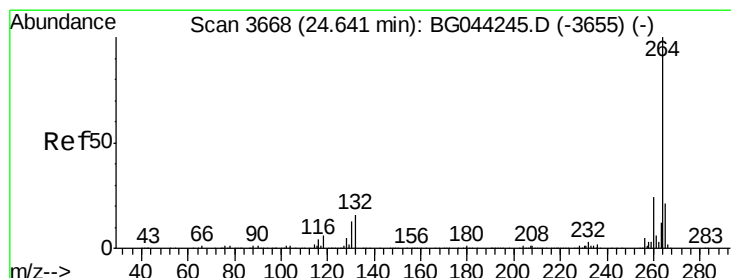
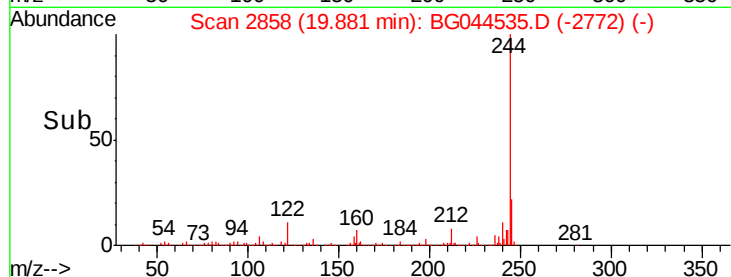
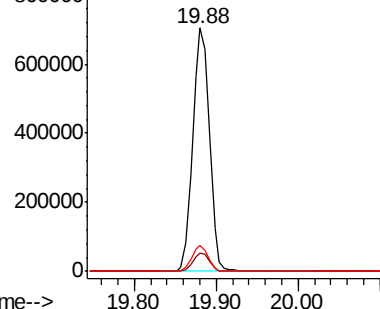
122 10.8 9.8 14.6



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: 24.58 min Scan# 3657

Delta R.T. -0.05 min

Lab File: BG044535.D

Acq: 21 Feb 2020 00:29

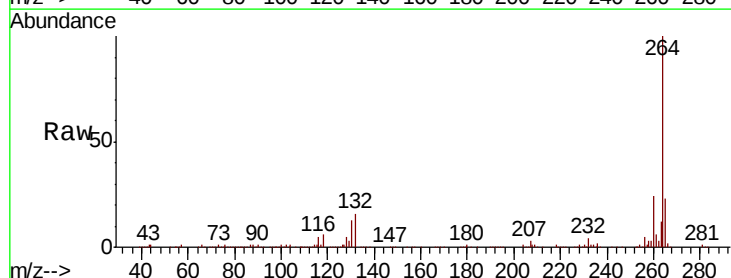
Tgt Ion:264 Resp: 381556

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 22.6 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

