

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044808.D
 Acq On : 14 Mar 2020 23:39
 Operator : CG/JU
 Sample : L1873-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Mar 16 04:43:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

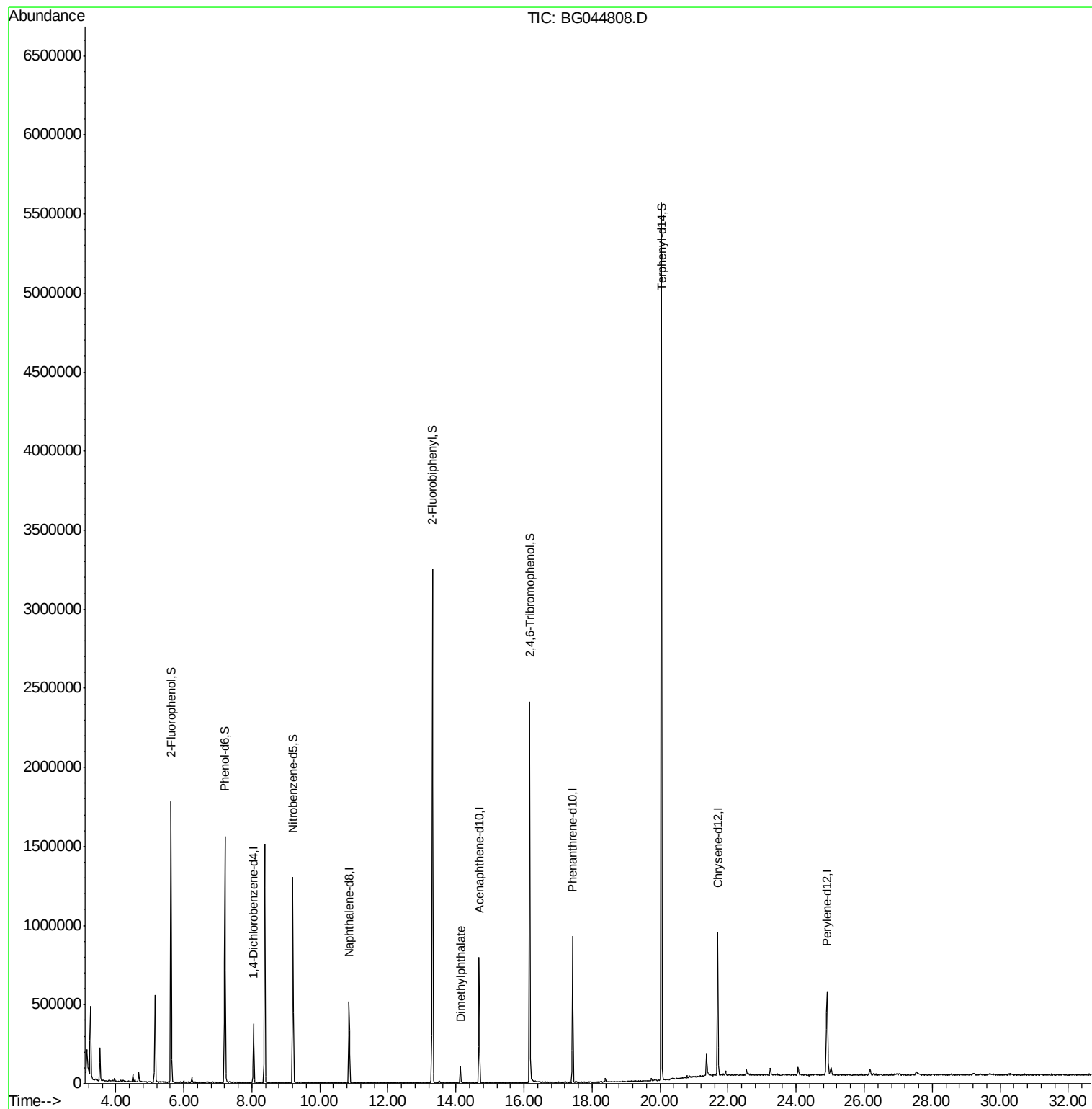
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	107447	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	425324	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	284813	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	588361	20.00	ng	0.00
76) Chrysene-d12	21.69	240	524286	20.00	ng	-0.02
87) Perylene-d12	24.91	264	593990	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	750044	108.67	ng	0.00
7) Phenol-d6	7.21	99	964843	96.21	ng	0.00
23) Nitrobenzene-d5	9.21	82	832486	85.89	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	470924	126.28	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1684667	84.70	ng	0.00
79) Terphenyl-d14	20.04	244	2440009	87.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	69298	3.055	ng	Qvalue # 95

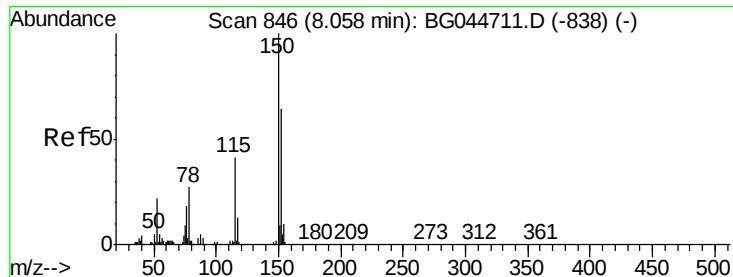
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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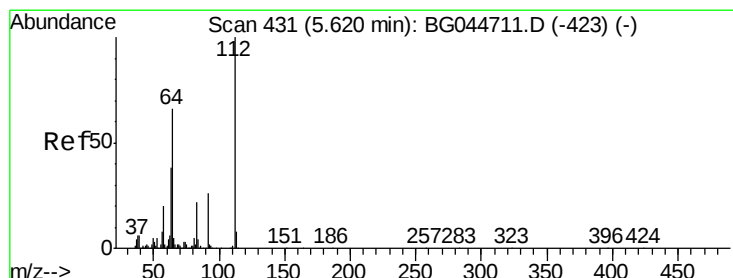
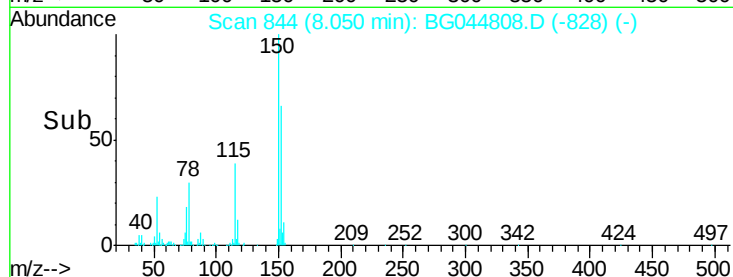
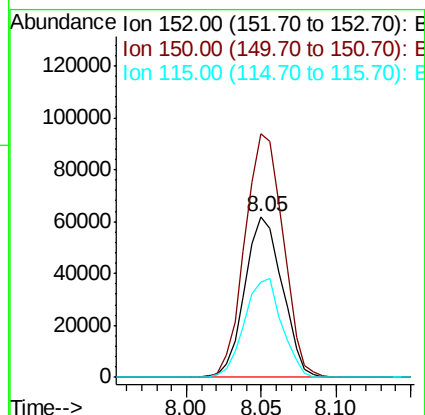
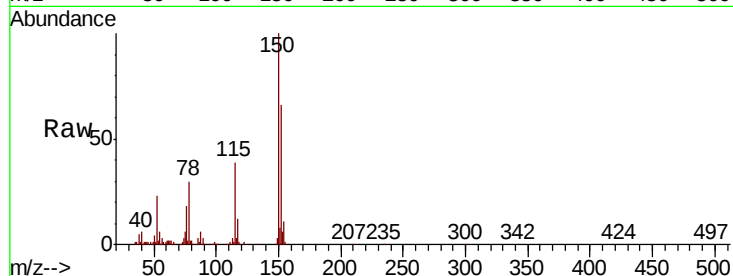


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044808.D
Acq: 14 Mar 2020 23:39

Instrument :
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ClientSampleId :
TP-2

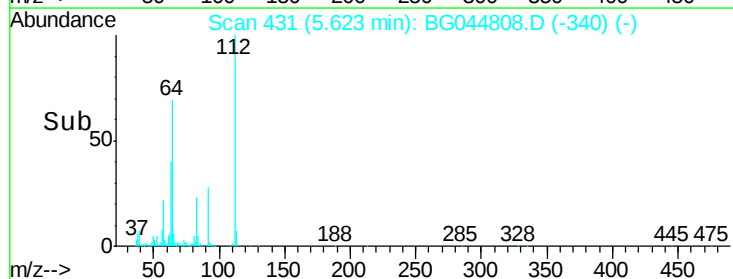
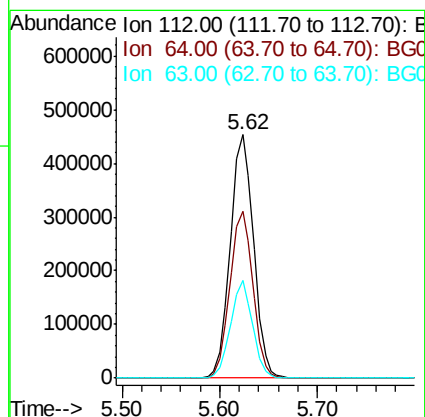
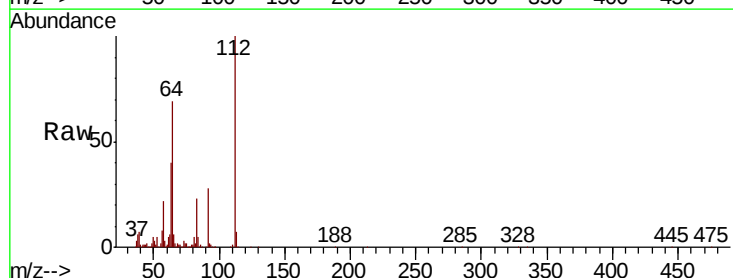
Tot Ion:152 Resp: 107447
Ion Ratio Lower Upper
152 100
150 151.6 125.3 187.9
115 58.9 51.7 77.5

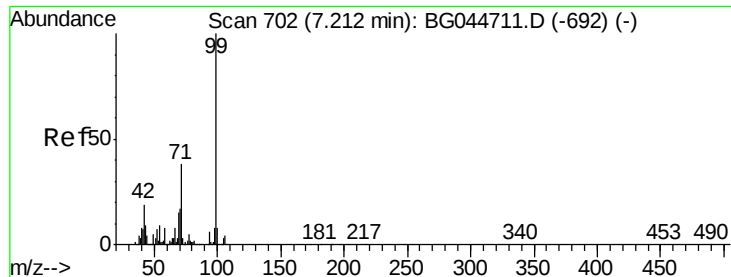


#5

2-Fluorophenol
Concen: 108.666 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044808.D
Acq: 14 Mar 2020 23:39

Tgt Ion:112 Resp: 750044
Ion Ratio Lower Upper
112 100
64 68.7 52.6 78.8
63 40.0 30.2 45.4





#7

Phenol-d6

Concen: 96.210 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044808.D

Acq: 14 Mar 2020 23:39

Instrument :

BNA_G

ClientSampleId :

TP-2

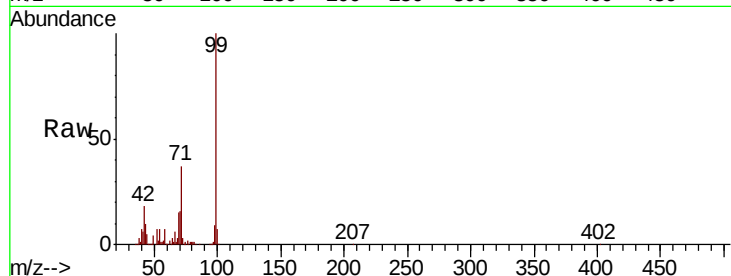
Tot Ion: 99 Resp: 964843

Ion Ratio Lower Upper

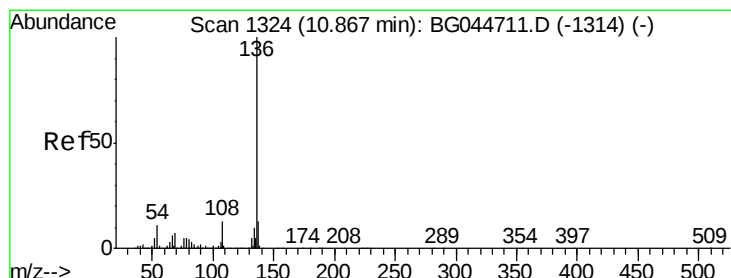
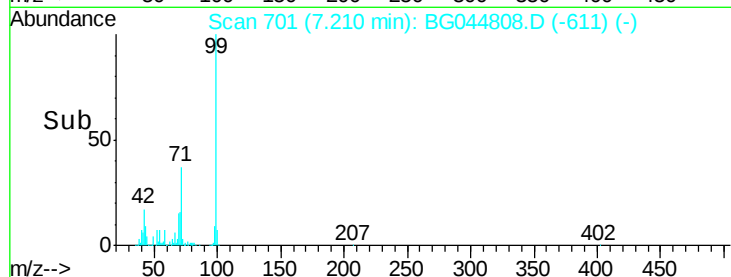
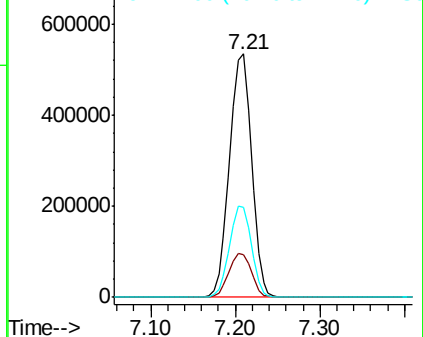
99 100

42 17.5 15.4 23.0

71 36.9 30.2 45.4



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: 10.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG044808.D

Acq: 14 Mar 2020 23:39

Tgt Ion: 136 Resp: 425324

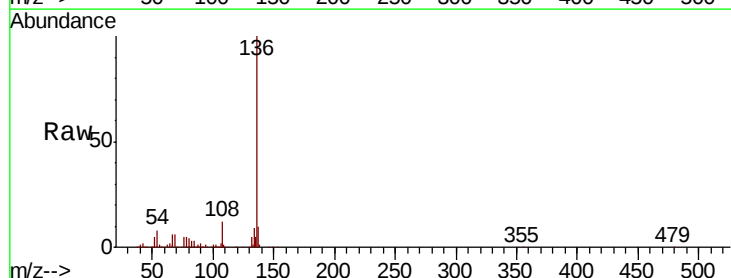
Ion Ratio Lower Upper

136 100

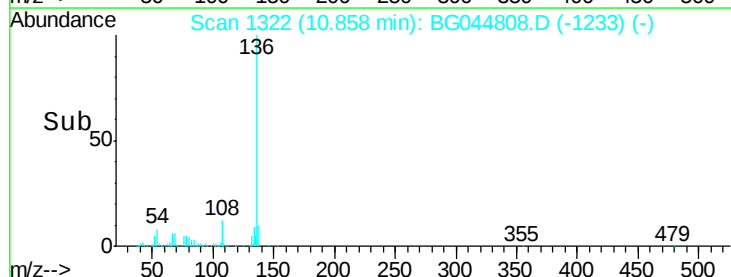
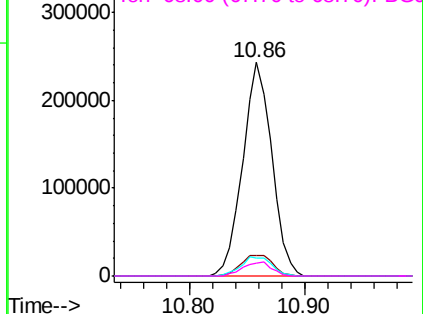
137 9.8 10.7 16.1#

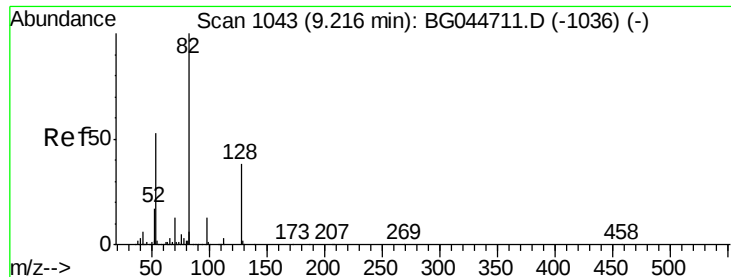
54 8.2 9.0 13.4#

68 6.3 5.9 8.9



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

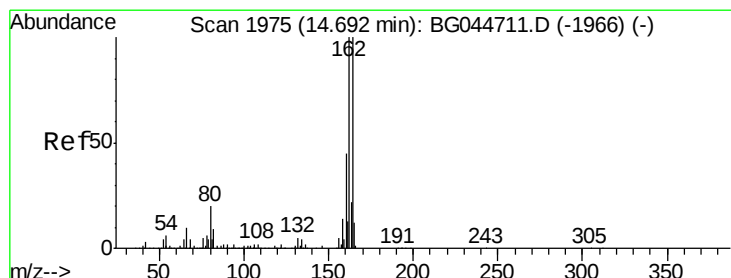
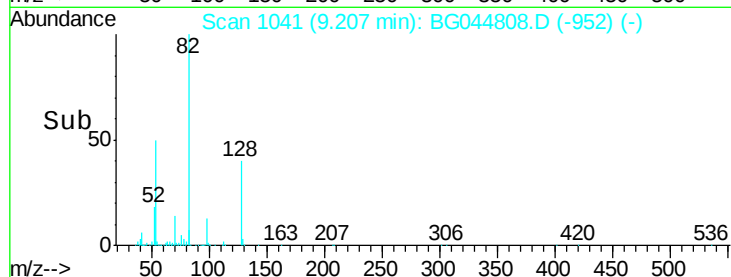
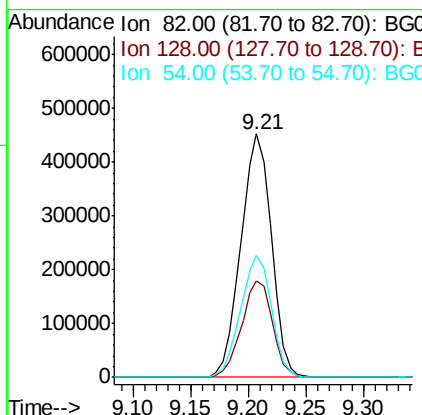
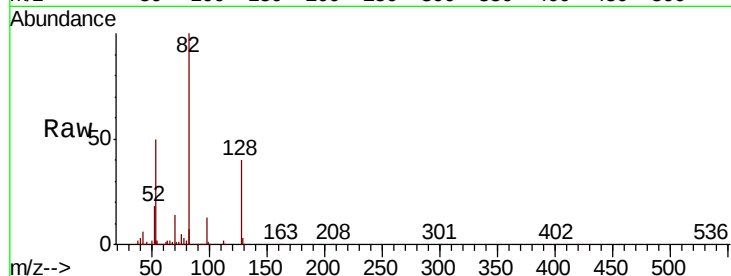




#23
Nitrobenzene-d5
Concen: 85.889 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG044808.D
Acq: 14 Mar 2020 23:39

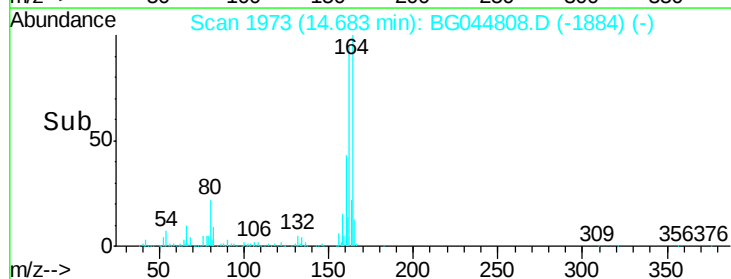
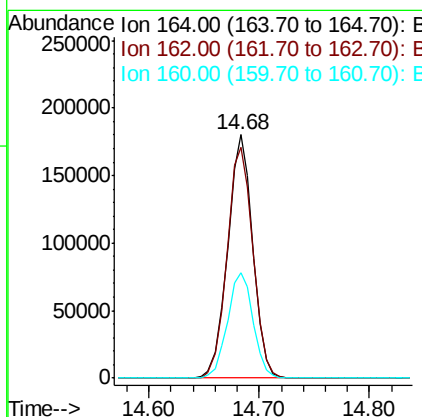
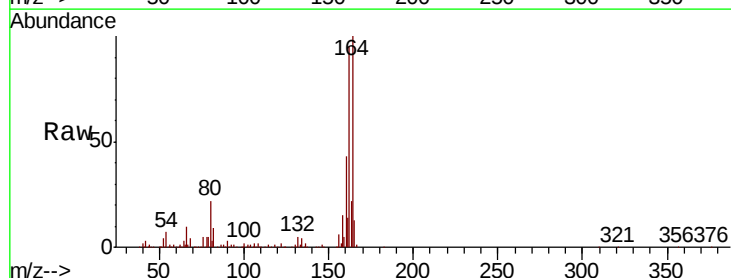
Instrument :
BNA_G
ClientSampleId :
TP-2

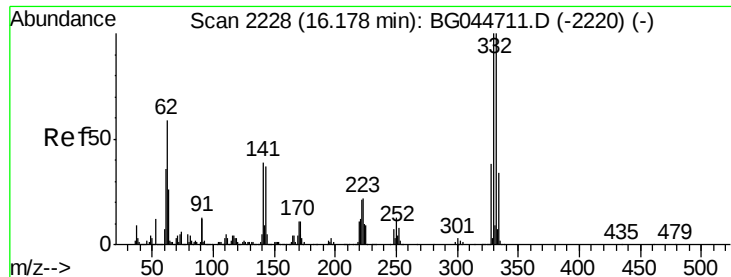
Tot Ion	82	Resp	832486
Ion Ratio	Lower	Upper	
82	100		
128	39.5	30.2	45.2
54	50.1	41.8	62.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044808.D
Acq: 14 Mar 2020 23:39

Tgt Ion	164	Resp	284813
Ion Ratio	Lower	Upper	
164	100		
162	95.0	80.2	120.4
160	43.2	36.2	54.2

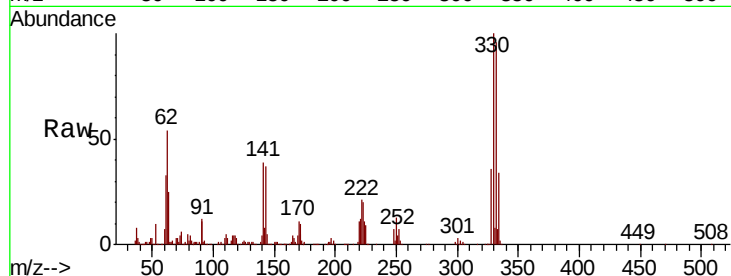




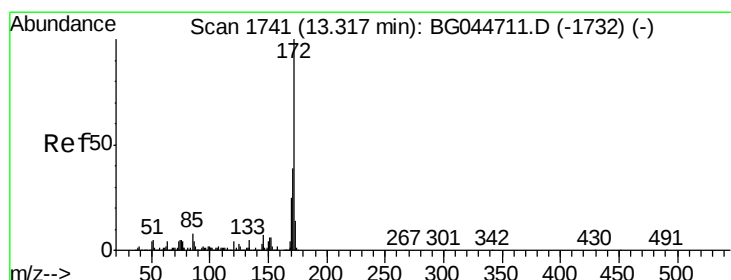
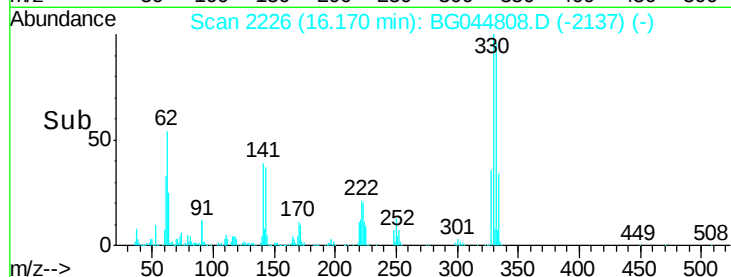
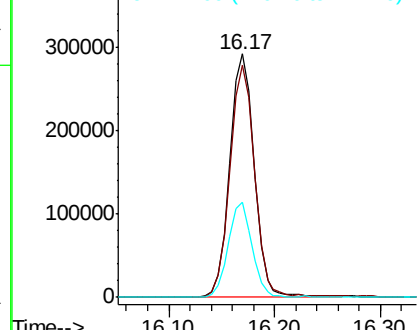
#42
 2,4,6-Tribromophenol
 Concen: 126.281 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG044808.D
 Acq: 14 Mar 2020 23:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.5	116.3
141	37.9	31.7	47.5

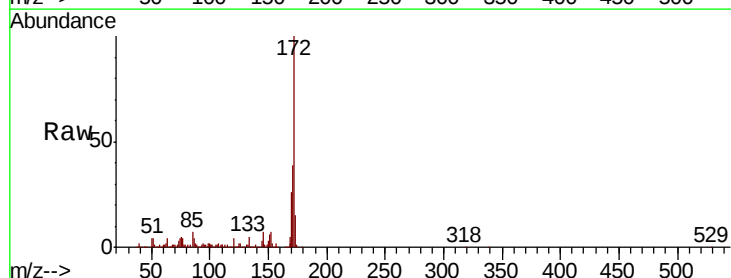


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

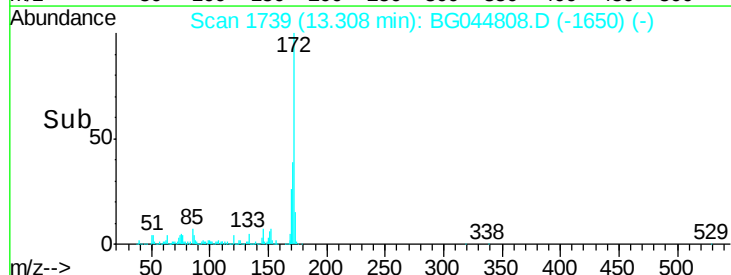
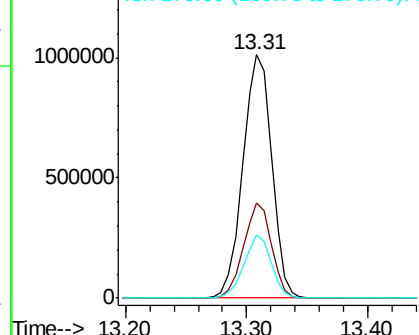


#45
 2-Fluorobiphenyl
 Concen: 84.705 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG044808.D
 Acq: 14 Mar 2020 23:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.8	46.2
170	25.9	20.0	30.0



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

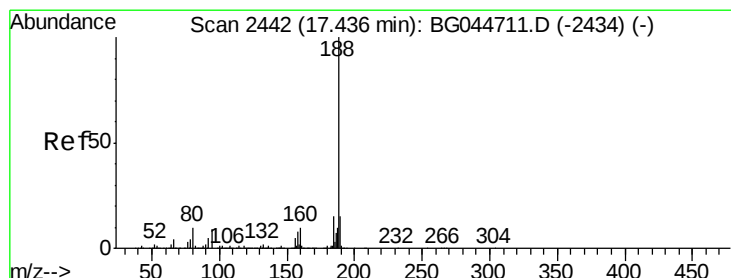
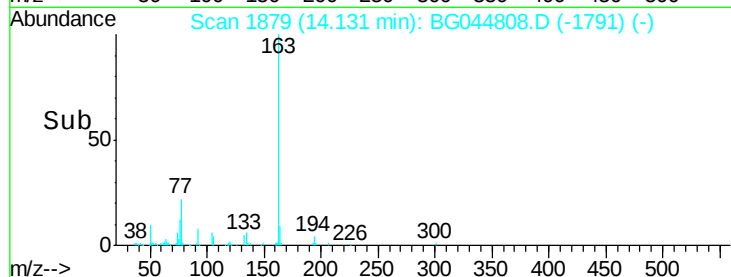
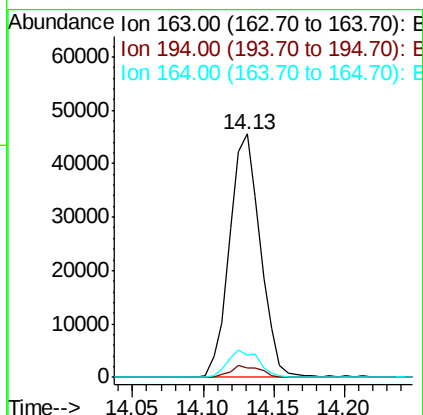
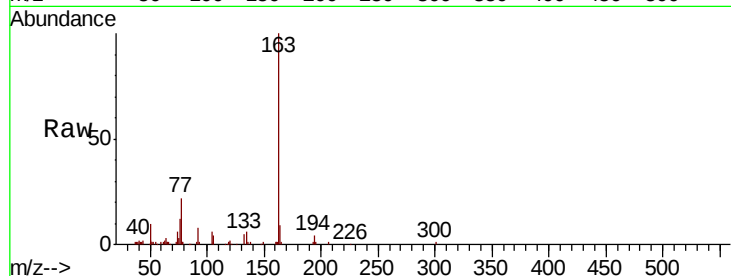




#50
Dimethylphthalate
Concen: 3.055 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG044808.D
Acq: 14 Mar 2020 23:39

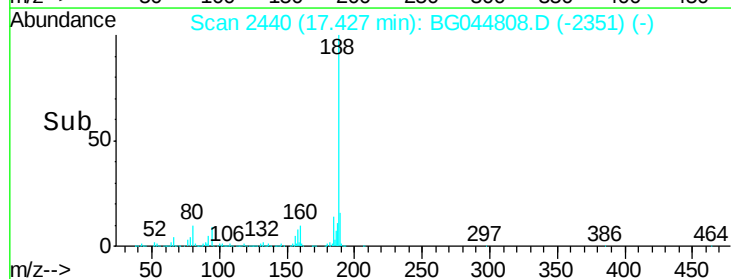
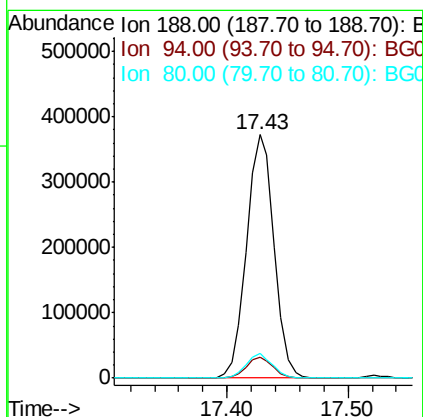
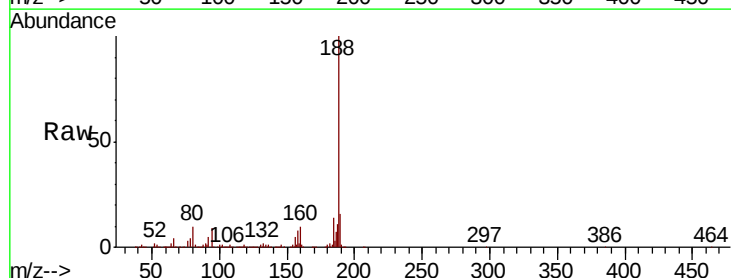
Instrument :
BNA_G
ClientSampleId :
TP-2

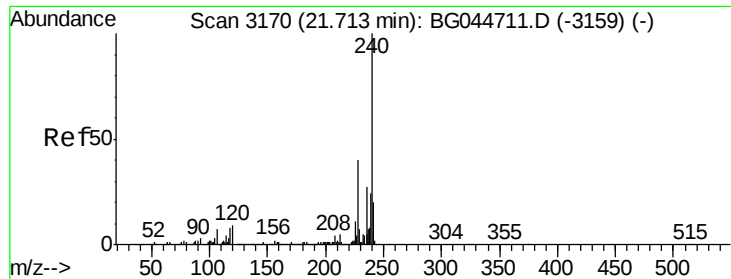
Tot Ion:163 Resp: 69298
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 9.0 9.2 13.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044808.D
Acq: 14 Mar 2020 23:39

Tgt Ion:188 Resp: 588361
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 10.0 8.4 12.6

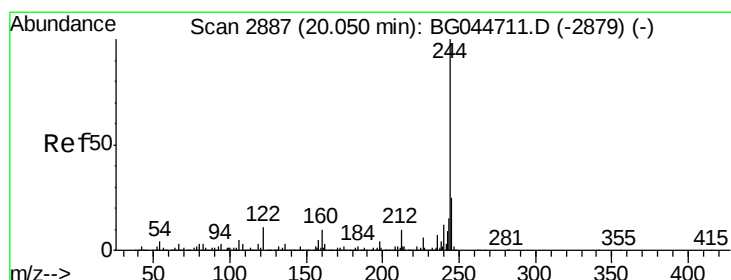
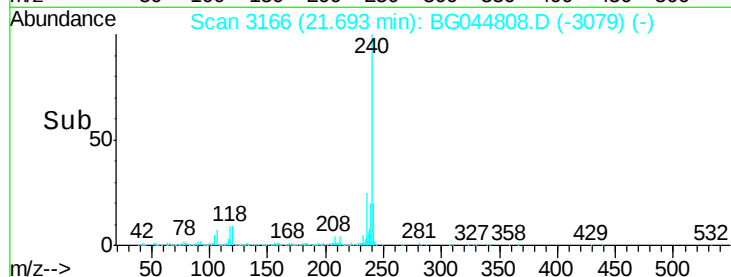
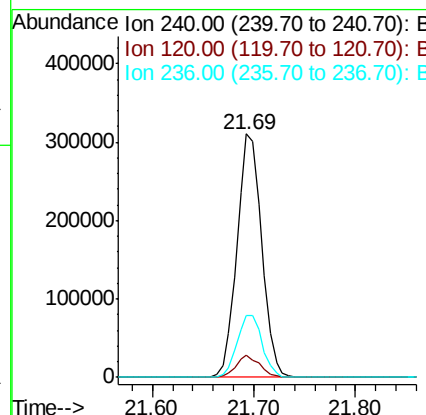
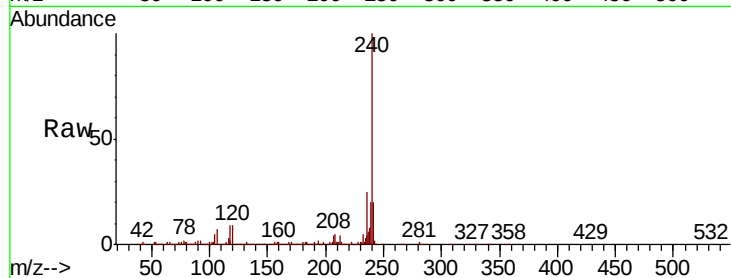




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG044808.D
Acq: 14 Mar 2020 23:39

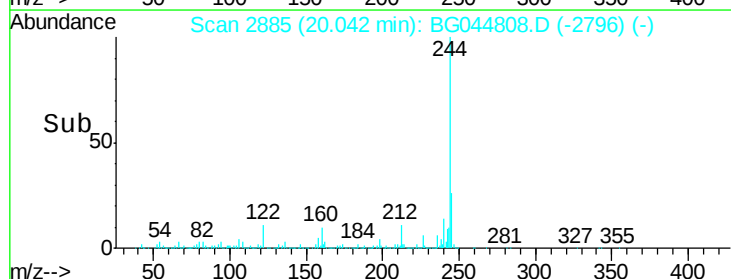
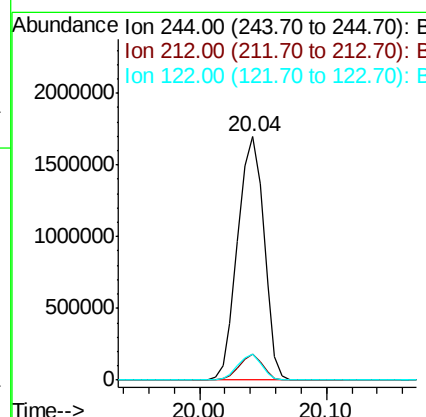
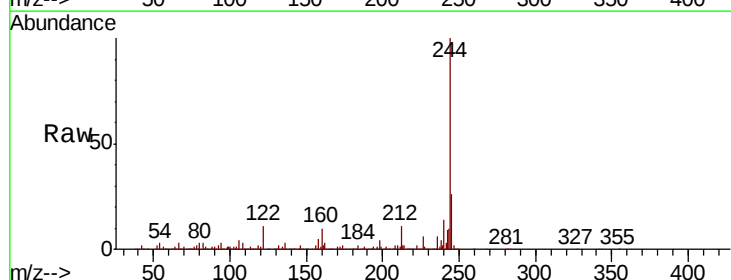
Instrument :
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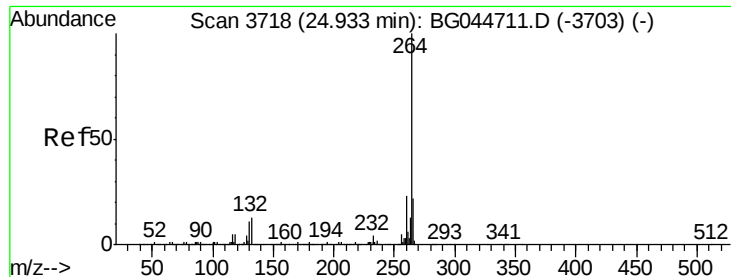
Tot Ion:240 Resp: 524286
Ion Ratio Lower Upper
240 100
120 8.9 6.9 10.3
236 25.4 21.9 32.9



#79
Terphenyl-d14
Concen: 87.055 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG044808.D
Acq: 14 Mar 2020 23:39

Tgt Ion:244 Resp: 2440009
Ion Ratio Lower Upper
244 100
212 10.9 8.4 12.6
122 10.9 8.7 13.1

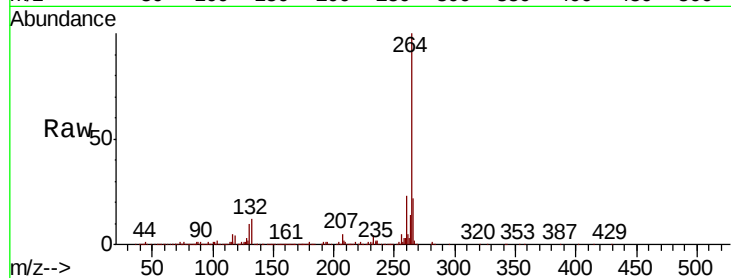




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.02 min
Lab File: BG044808.D
Acq: 14 Mar 2020 23:39

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:	264	Resp:	593990
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	21.6	17.4	26.2



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

