

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044496.D
 Acq On : 19 Feb 2020 19:25
 Operator : CG/JU
 Sample : L1558-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0168-COMP-CM-A

Quant Time: Feb 20 07:55:56 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

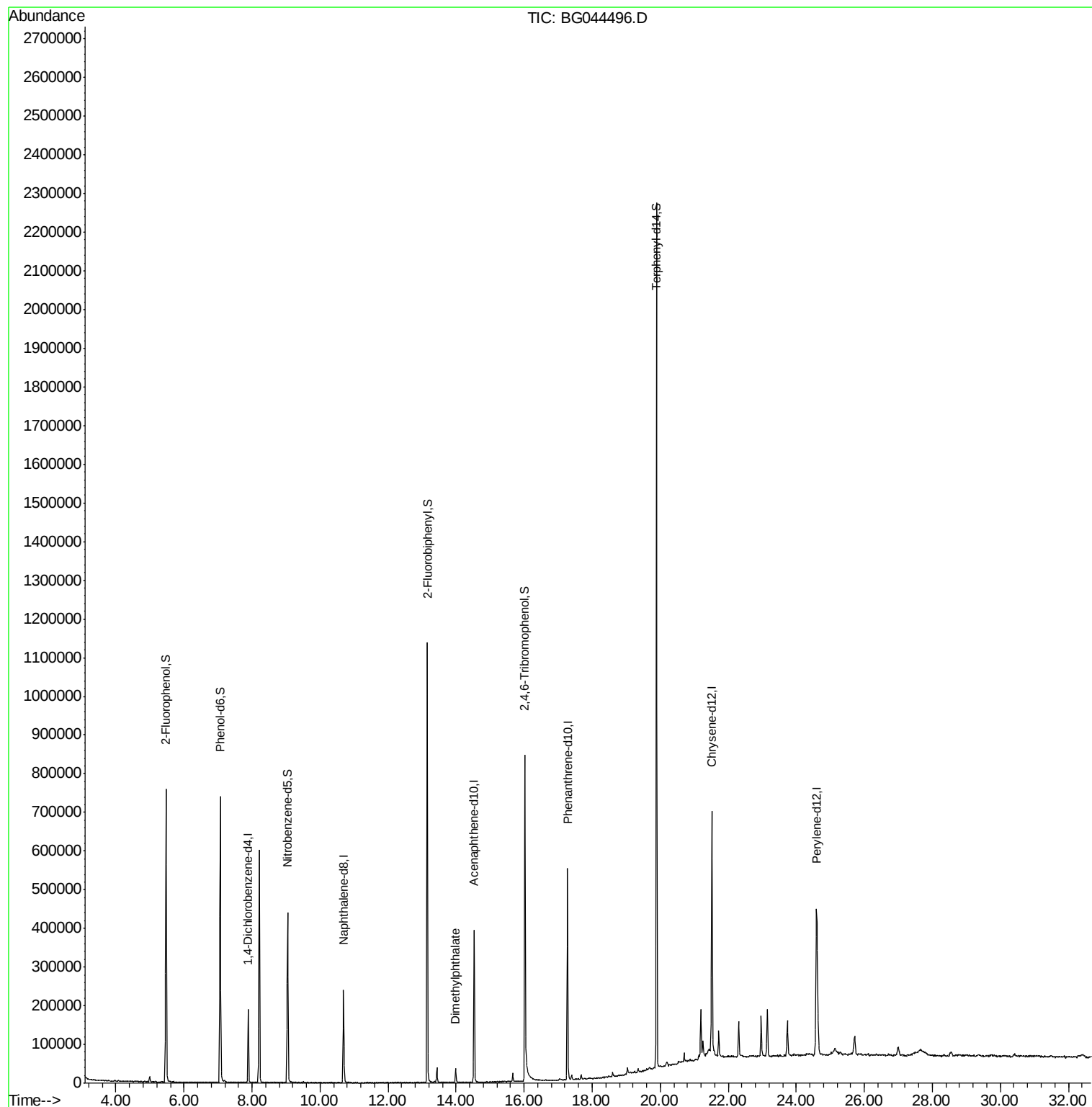
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	58189	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	231452	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	148745	20.00	ng	-0.02
64) Phenanthrene-d10	17.28	188	359515	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	373991	20.00	ng	-0.02
87) Perylene-d12	24.60	264	402118	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	389122	118.02	ng	0.00
7) Phenol-d6	7.06	99	483808	109.27	ng	-0.01
23) Nitrobenzene-d5	9.04	82	285383	69.61	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	217678	124.66	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	635386	71.53	ng	-0.01
79) Terphenyl-d14	19.89	244	1111194	61.11	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.99	163	31146	2.913	ng	Qvalue # 97

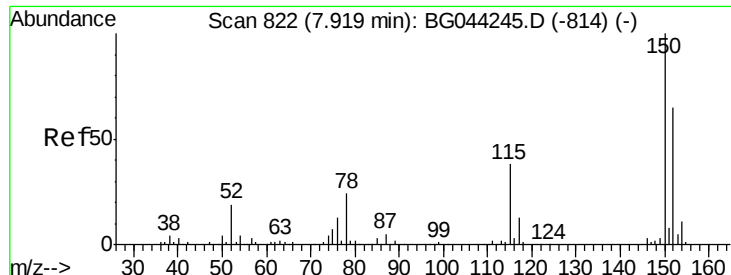
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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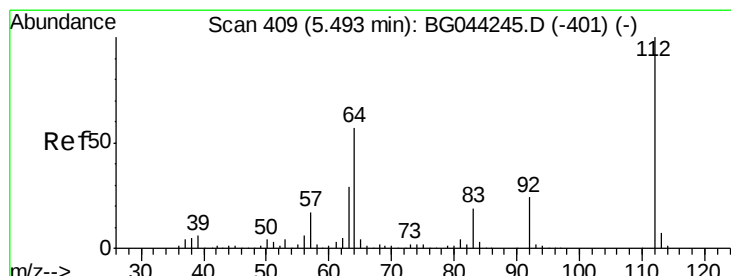
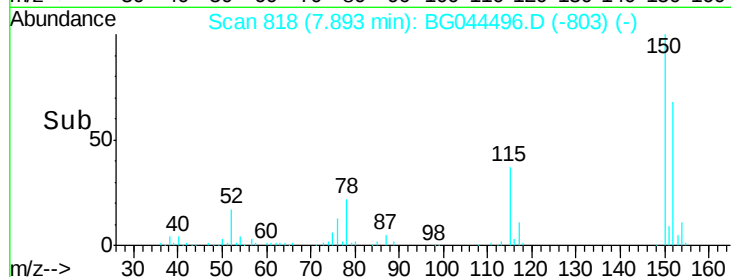
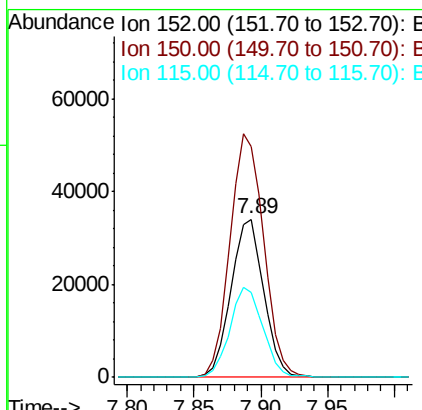
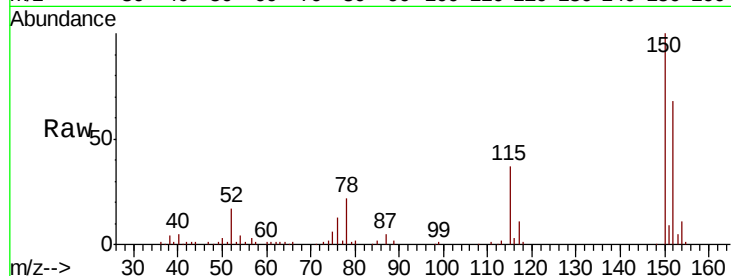


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG044496.D
 Acq: 19 Feb 2020 19:25

Instrument :
 BNA_G
 ClientSampleId :
 0168-COMP-CM-A

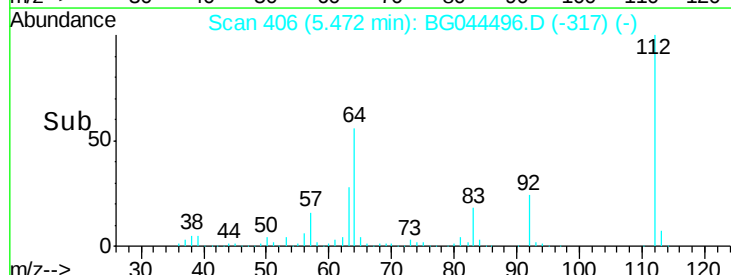
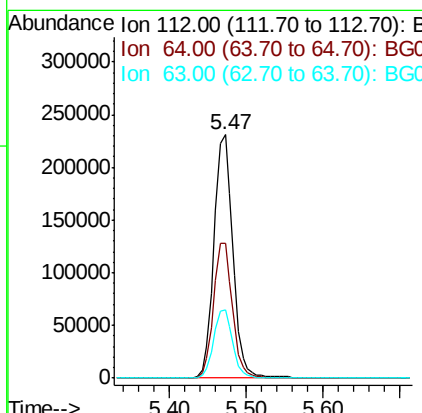
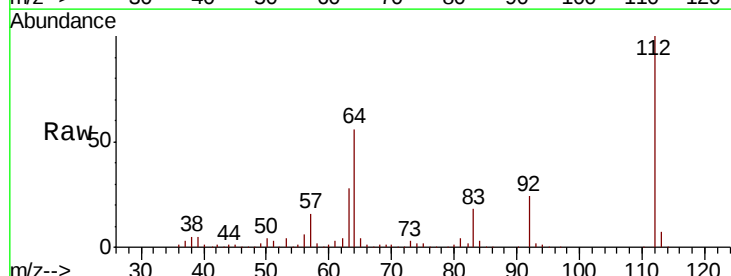
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.1	122.6	183.8
115	54.1	46.0	69.0



#5

2-Fluorophenol
 Concen: 118.019 ng
 RT: 5.47 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BG044496.D
 Acq: 19 Feb 2020 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	45.4	68.2
63	28.1	22.9	34.3





#7

Phenol-d6

Concen: 109.272 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044496.D

Acq: 19 Feb 2020 19:25

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-A

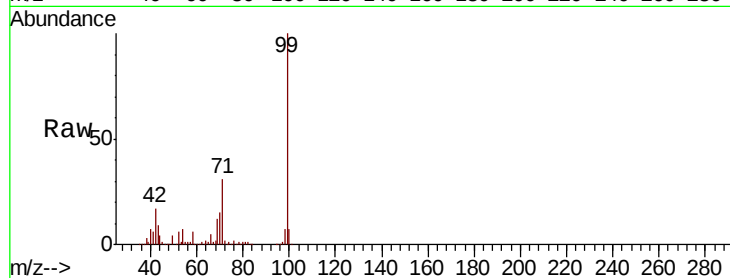
Tot Ion: 99 Resp: 483808

Ion Ratio Lower Upper

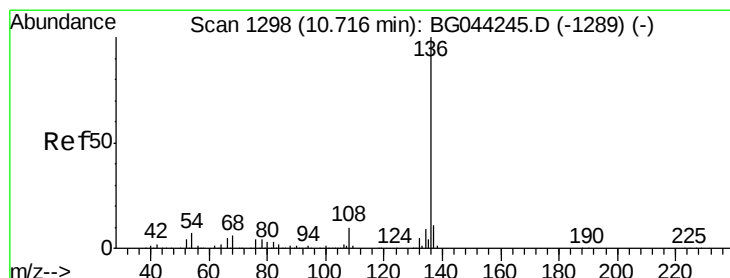
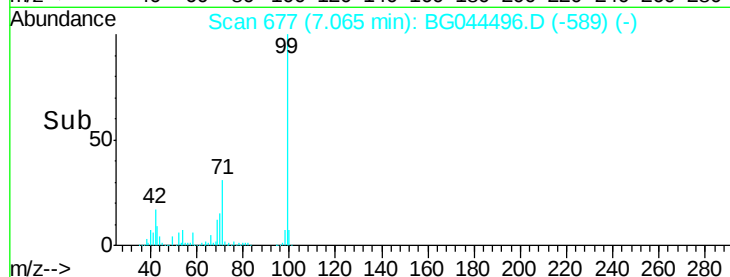
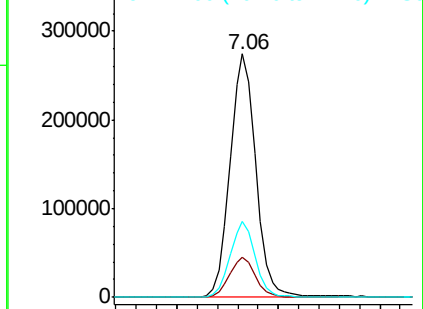
99 100

42 16.6 13.8 20.6

71 31.1 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: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044496.D

Acq: 19 Feb 2020 19:25

Tgt Ion: 136 Resp: 231452

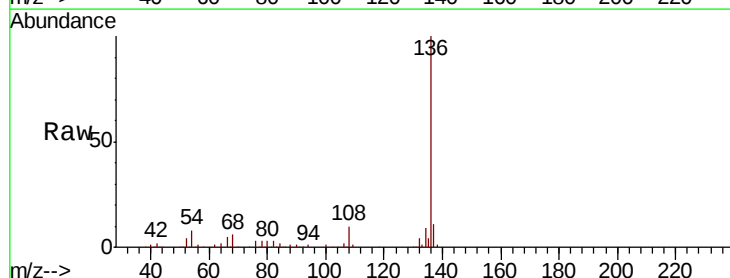
Ion Ratio Lower Upper

136 100

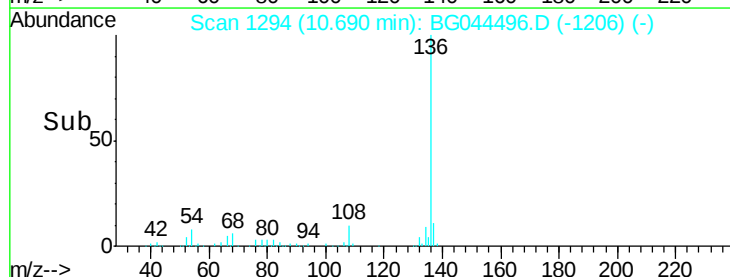
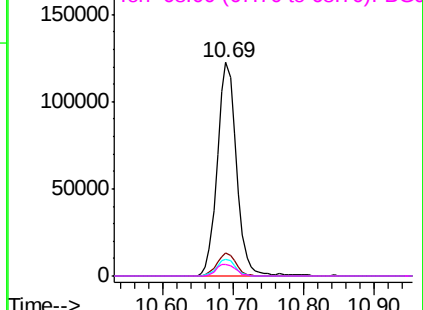
137 10.5 8.8 13.2

54 7.7 5.8 8.8

68 5.6 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

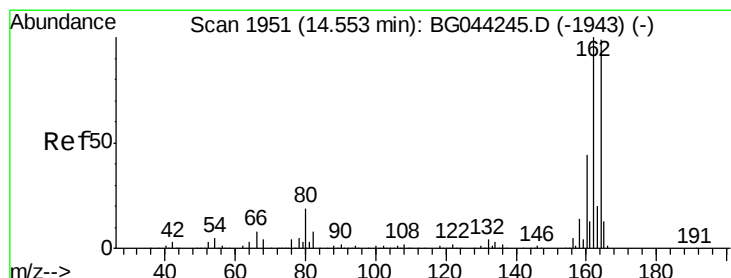
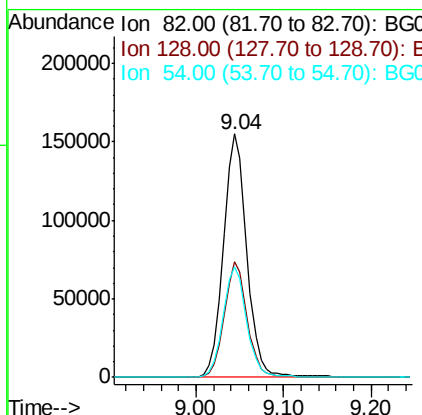
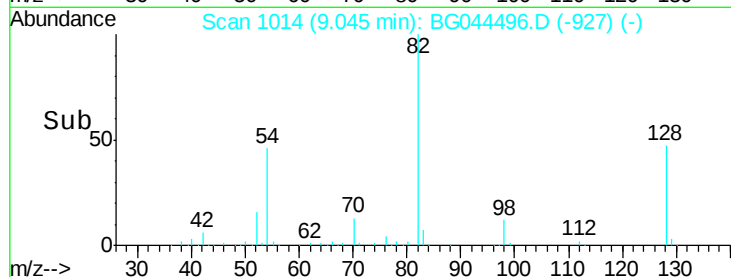
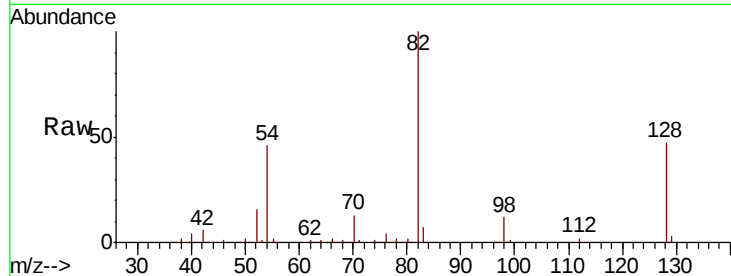




#23
Nitrobenzene-d5
Concen: 69.611 ng
RT: 9.04 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044496.D
Acq: 19 Feb 2020 19:25

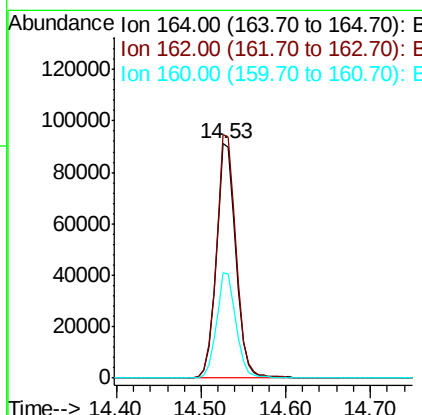
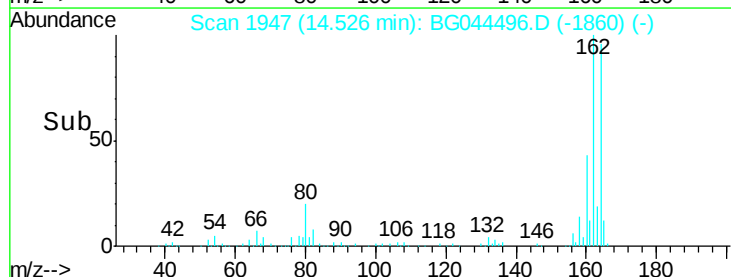
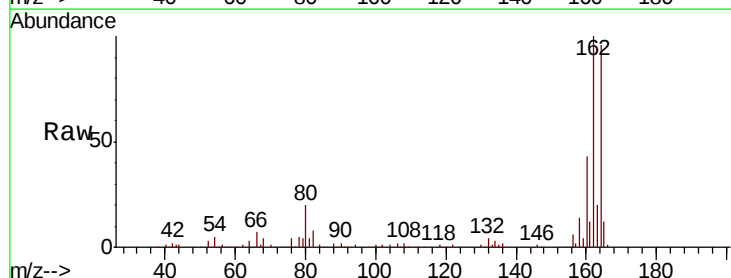
Instrument :
BNA_G
ClientSampleId :
0168-COMP-CM-A

Tot Ion	82	Resp	285383
Ion Ratio	100		
128	47.4	36.5	54.7
54	45.6	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG044496.D
Acq: 19 Feb 2020 19:25

Tgt Ion	164	Resp	148745
Ion Ratio	100		
162	103.8	80.7	121.1
160	45.0	35.3	52.9

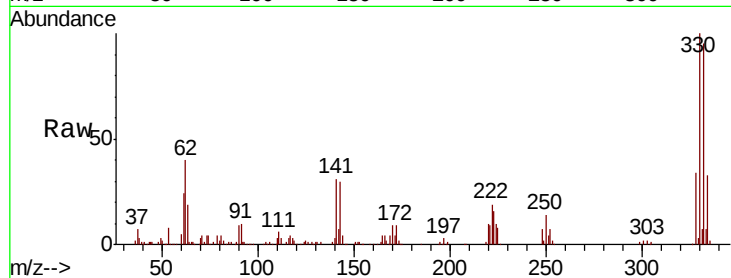




#42
 2,4,6-Tribromophenol
 Concen: 124.659 ng
 RT: 16.02 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BG044496.D
 Acq: 19 Feb 2020 19:25

Instrument :
 BNA_G
 ClientSampleId :
 0168-COMP-CM-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.2	115.8
141	34.2	28.3	42.5

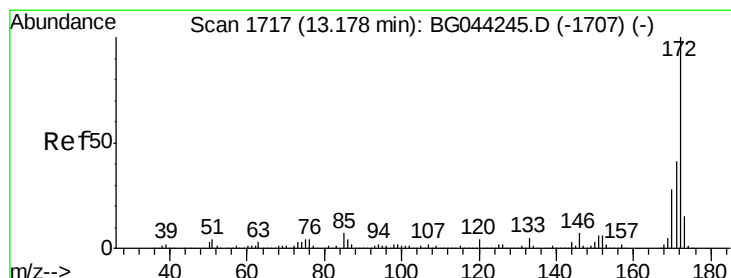
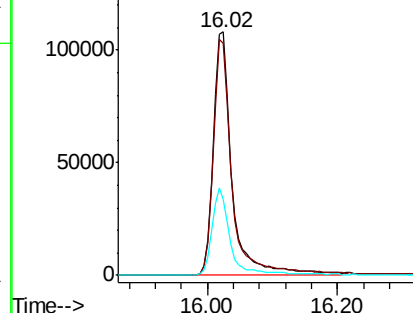
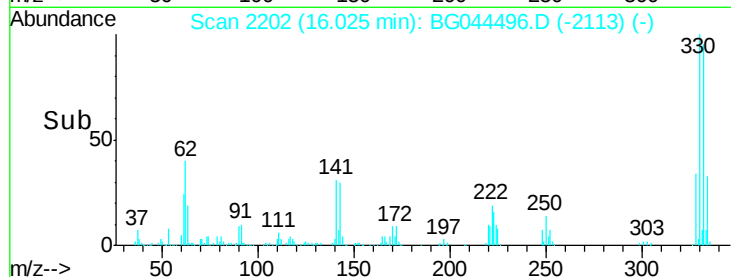


Abundance

Ion 329.80 (329.50 to 330.50): E

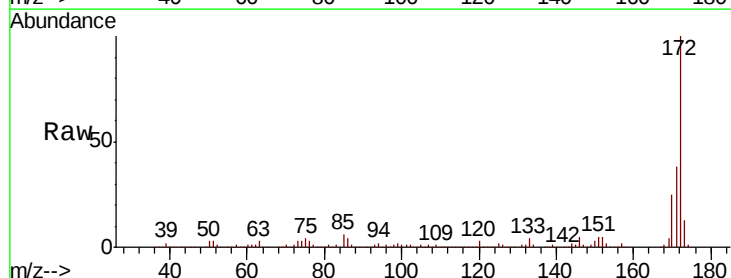
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.531 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044496.D
 Acq: 19 Feb 2020 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.9	49.3
170	24.8	22.0	33.0

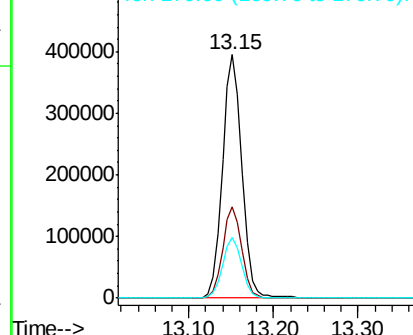
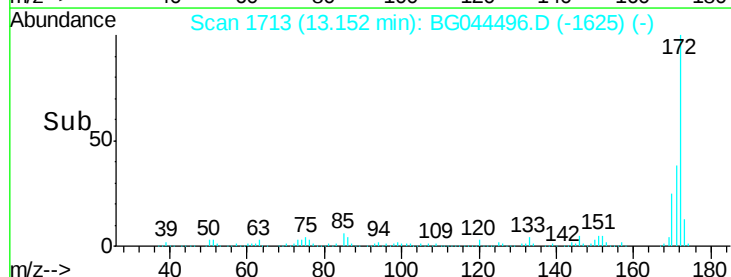


Abundance

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: 2.913 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044496.D

Acq: 19 Feb 2020 19:25

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-A

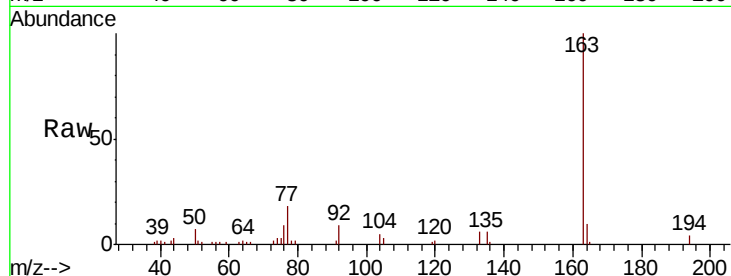
Tot Ion:163 Resp: 31146

Ion Ratio Lower Upper

163 100

194 3.5 3.6 5.4#

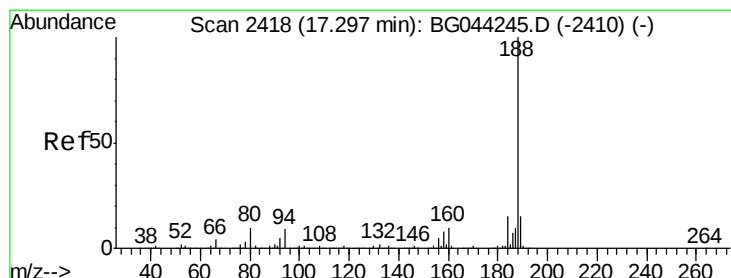
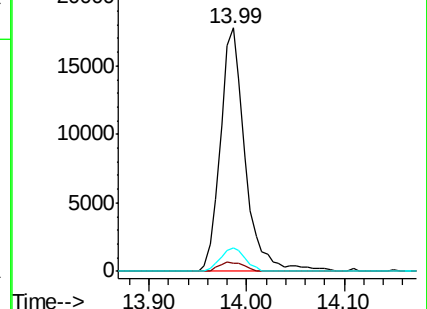
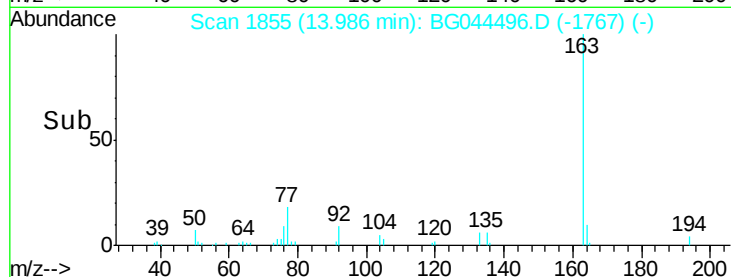
164 9.7 8.7 13.1



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: 17.28 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG044496.D

Acq: 19 Feb 2020 19:25

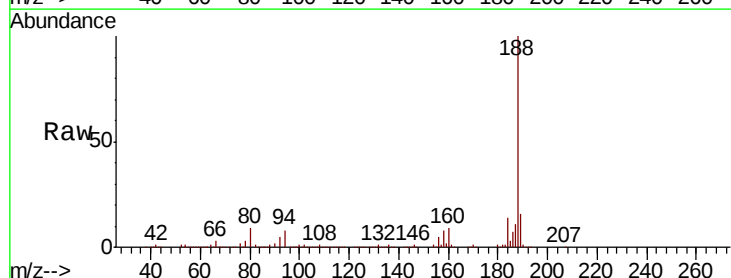
Tgt Ion:188 Resp: 359515

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.2

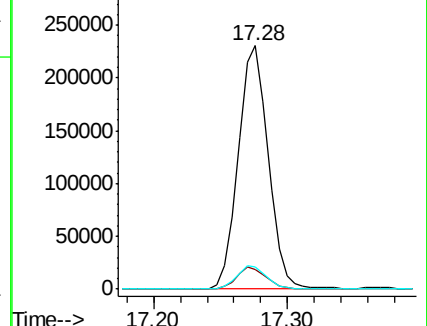
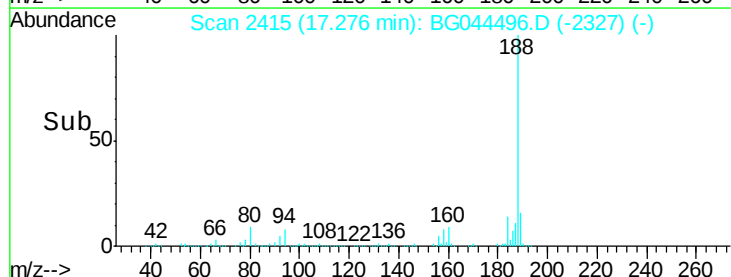
80 8.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

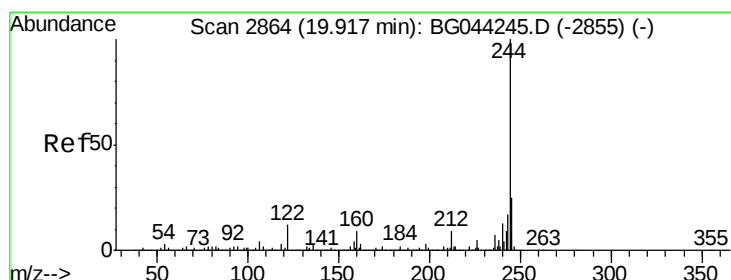
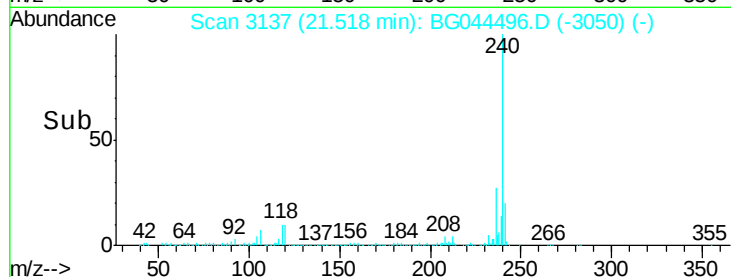
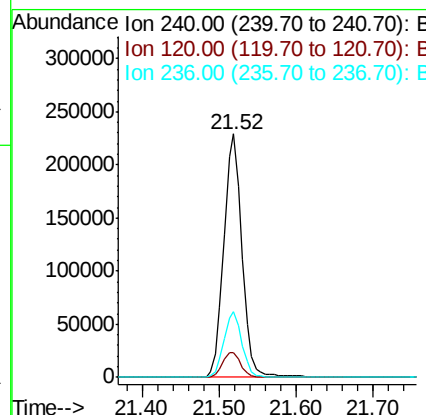
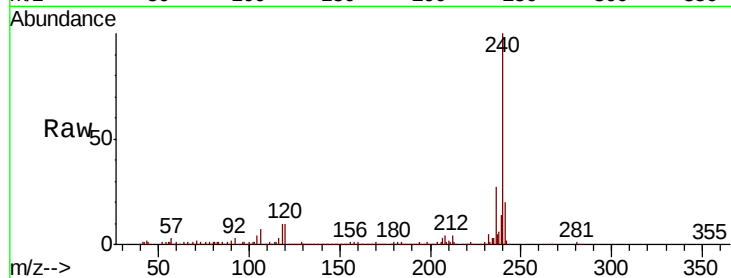




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG044496.D
 Acq: 19 Feb 2020 19:25

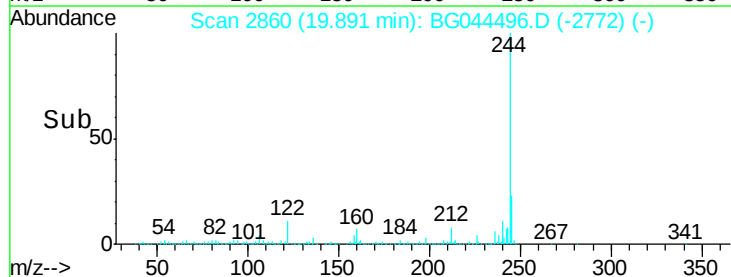
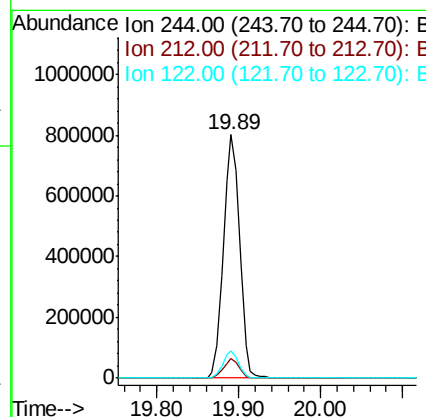
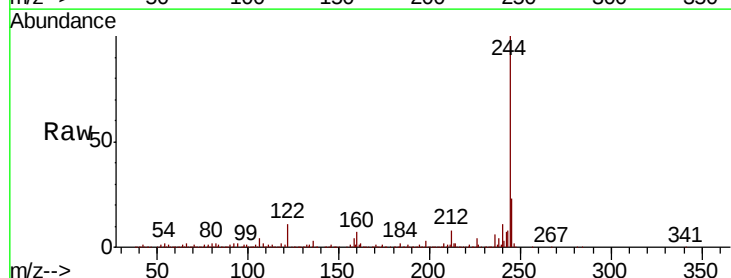
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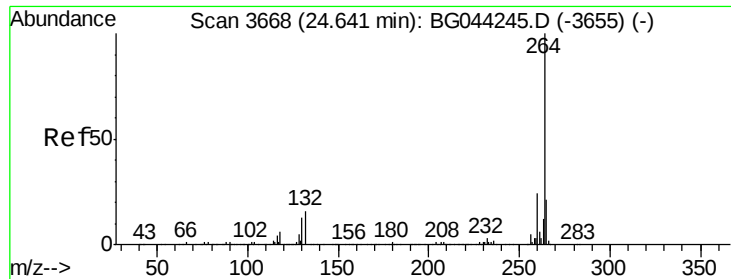
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	27.2	22.1	33.1



#79
 Terphenyl-d14
 Concen: 61.113 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044496.D
 Acq: 19 Feb 2020 19:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.4	11.2
122	11.4	9.8	14.6

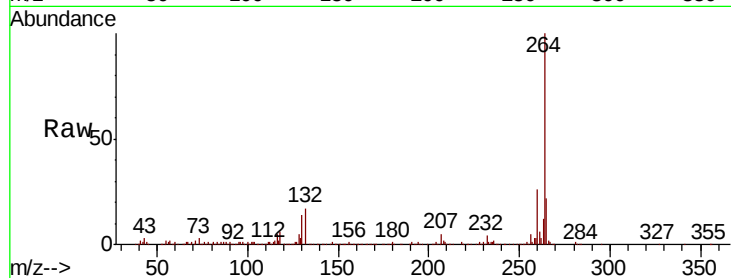




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.02 min
Lab File: BG044496.D
Acq: 19 Feb 2020 19:25

Instrument :
BNA_G
ClientSampleId :
0168-COMP-CM-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.4	29.2
265	21.8	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

