

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044495.D
 Acq On : 19 Feb 2020 18:46
 Operator : CG/JU
 Sample : L1558-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0167-COMP-BT-B

Quant Time: Feb 20 07:54:07 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

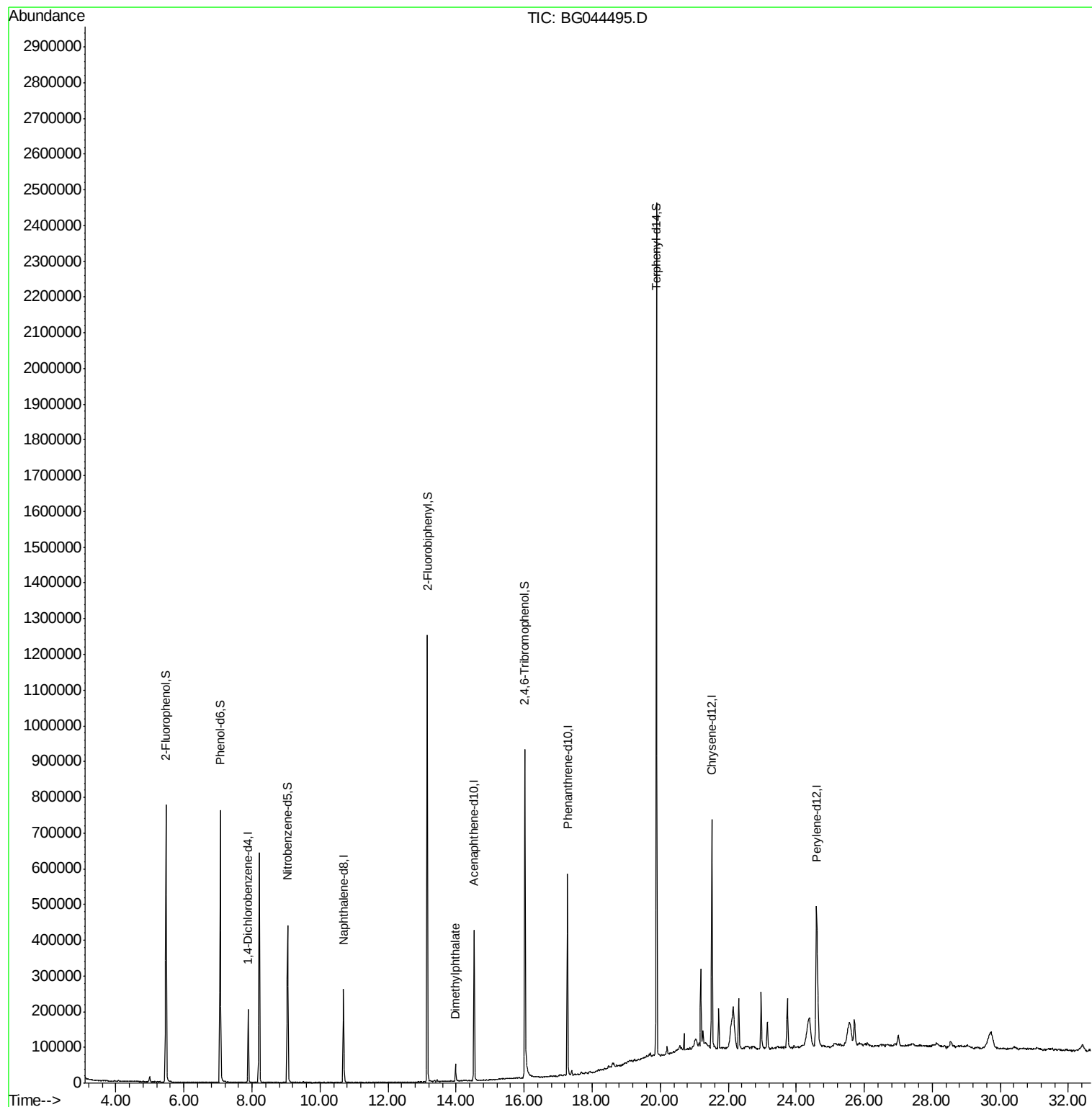
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	61026	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	242430	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	156996	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	377050	20.00	ng	-0.02
76) Chrysene-d12	21.52	240	380093	20.00	ng	-0.02
87) Perylene-d12	24.60	264	401325	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	397146	114.85	ng	-0.01
7) Phenol-d6	7.07	99	501927	108.09	ng	-0.01
23) Nitrobenzene-d5	9.05	82	292058	68.01	ng	-0.02
42) 2,4,6-Tribromophenol	16.03	330	227527	123.45	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	680260	72.56	ng	-0.01
79) Terphenyl-d14	19.89	244	1175846	63.63	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.98	163	36674	3.250	ng	Qvalue 99

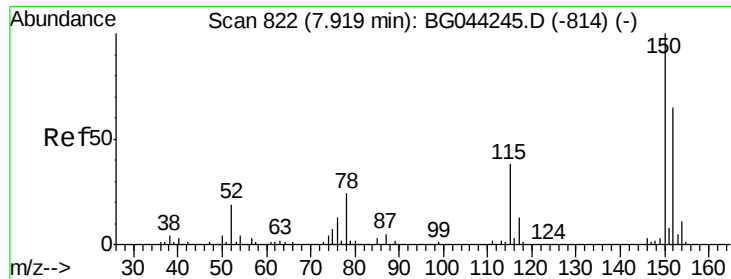
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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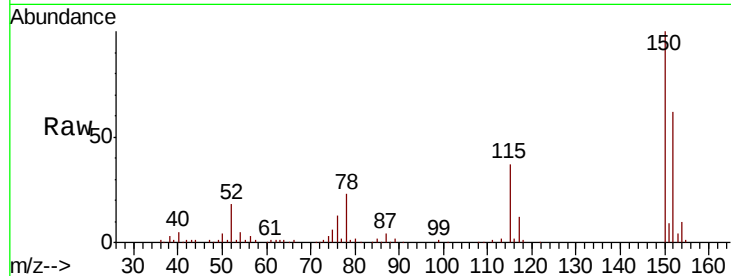


#1

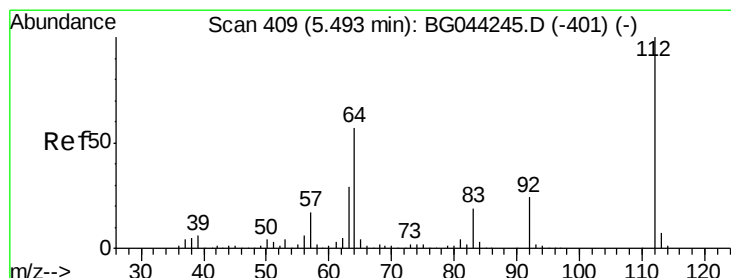
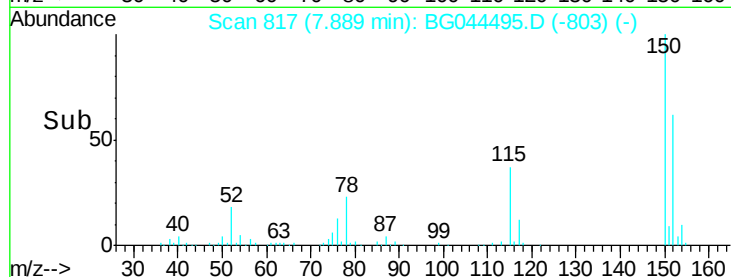
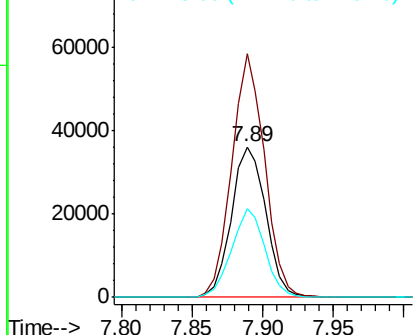
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG044495.D
 Acq: 19 Feb 2020 18:46

Instrument :
 BNA_G
 ClientSampleId :
 0167-COMP-BT-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	122.6	183.8
115	59.4	46.0	69.0



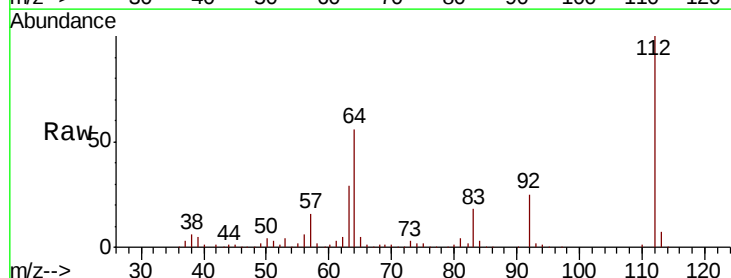
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



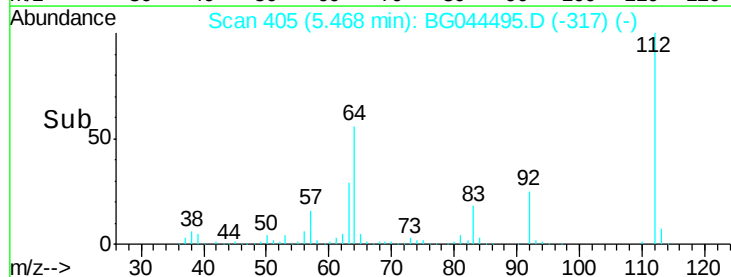
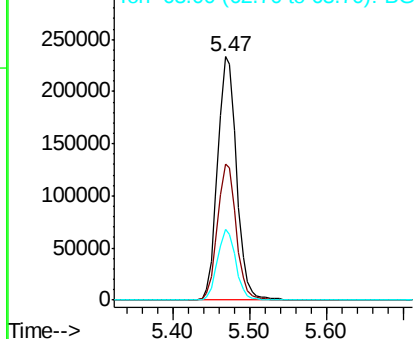
#5

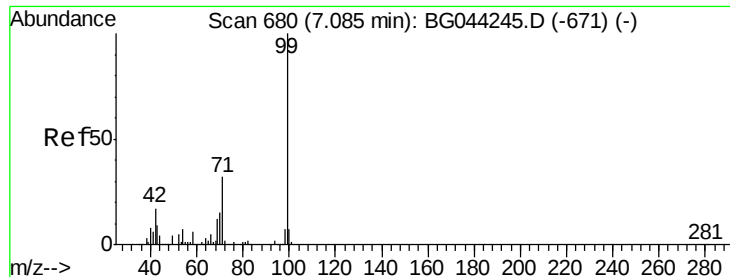
2-Fluorophenol
 Concen: 114.853 ng
 RT: 5.47 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BG044495.D
 Acq: 19 Feb 2020 18:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.4	68.2
63	29.1	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: 108.095 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044495.D

Acq: 19 Feb 2020 18:46

Instrument :

BNA_G

ClientSampleId :

0167-COMP-BT-B

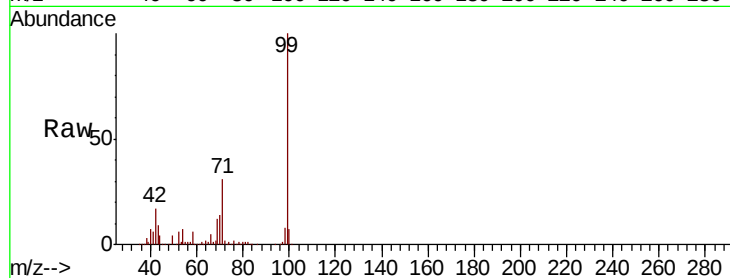
Tot Ion: 99 Resp: 501927

Ion Ratio Lower Upper

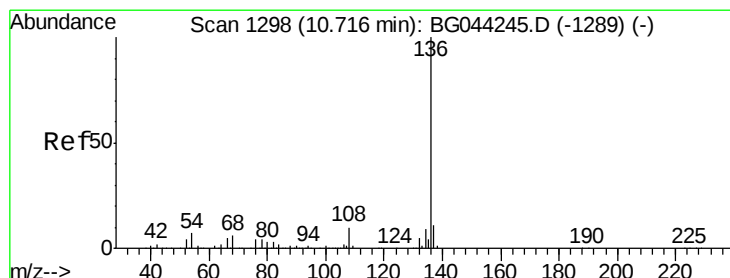
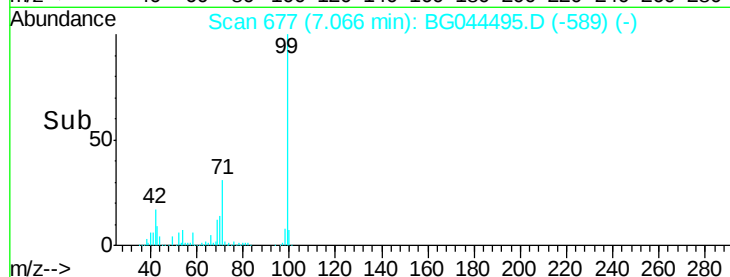
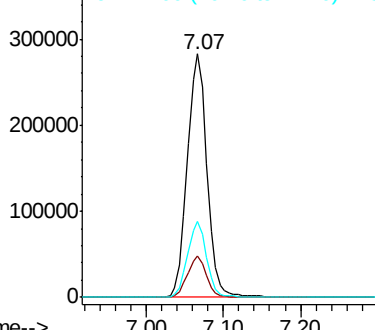
99 100

42 16.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044495.D

Acq: 19 Feb 2020 18:46

Tgt Ion: 136 Resp: 242430

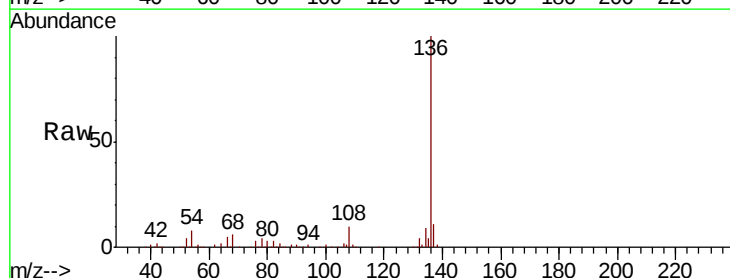
Ion Ratio Lower Upper

136 100

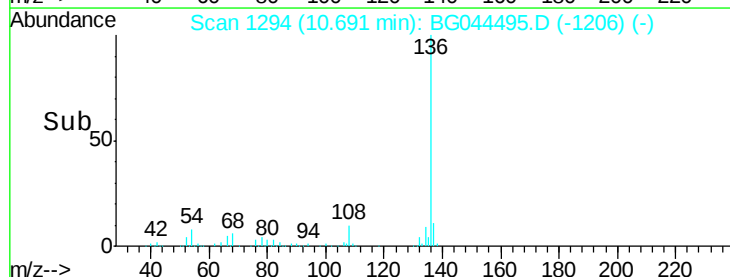
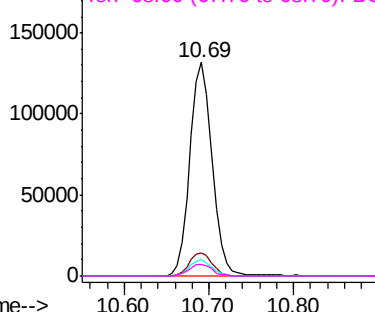
137 11.1 8.8 13.2

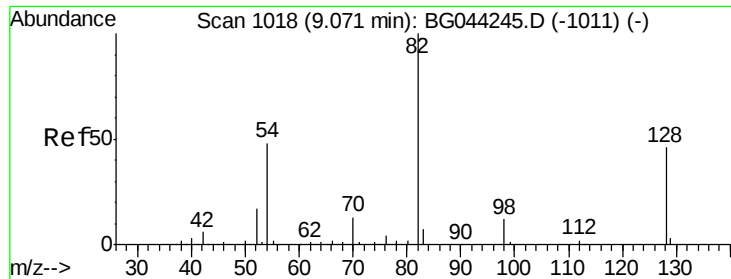
54 7.6 5.8 8.8

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

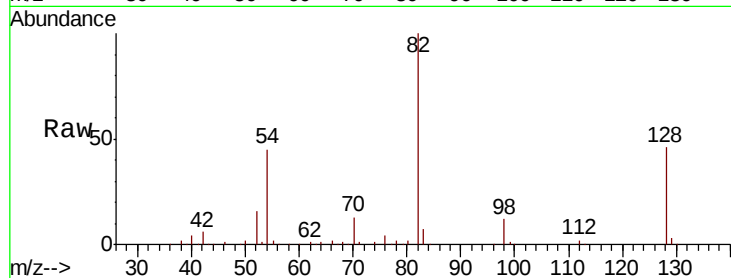




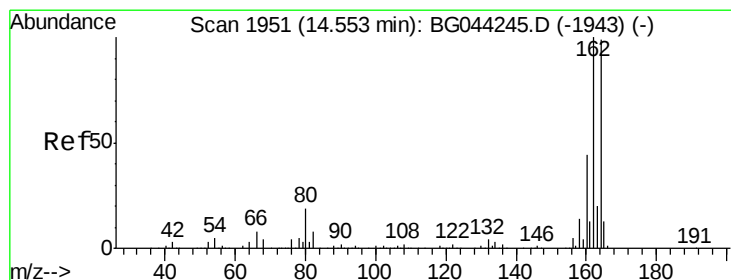
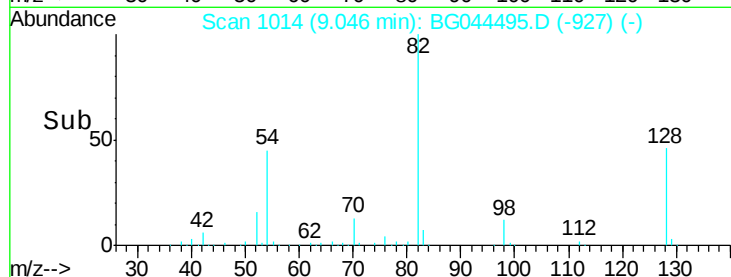
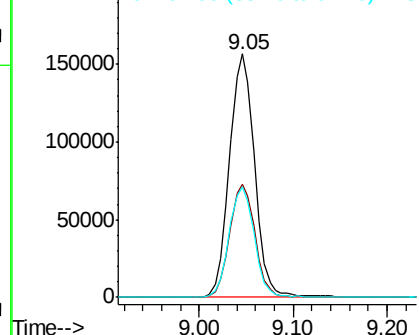
#23
 Nitrobenzene-d5
 Concen: 68.014 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044495.D
 Acq: 19 Feb 2020 18:46

Instrument :
 BNA_G
 ClientSampleId :
 0167-COMP-BT-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.5	54.7
54	45.3	38.6	58.0

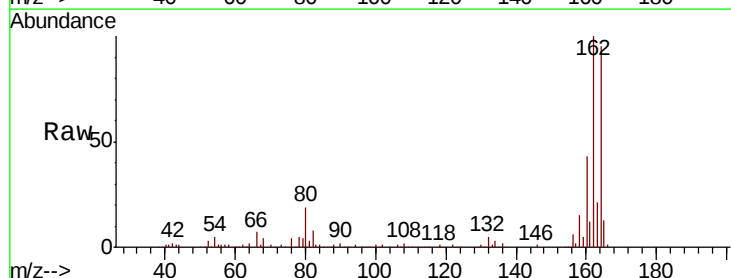


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

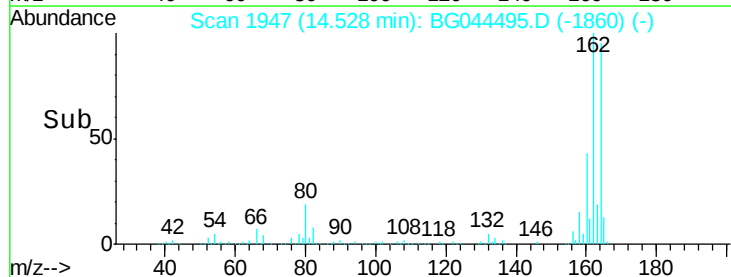
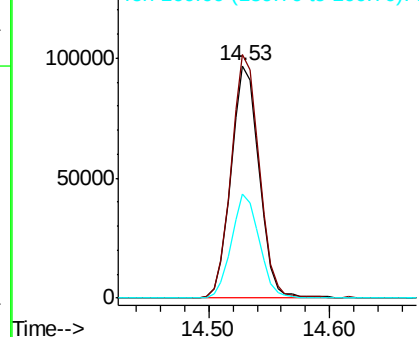


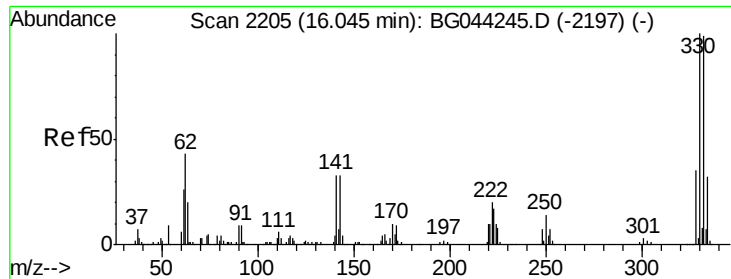
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BG044495.D
 Acq: 19 Feb 2020 18:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	80.7	121.1
160	44.9	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

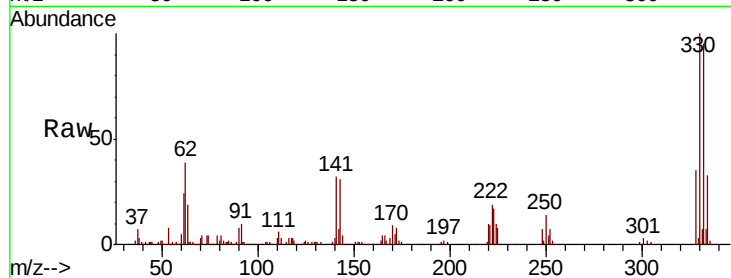




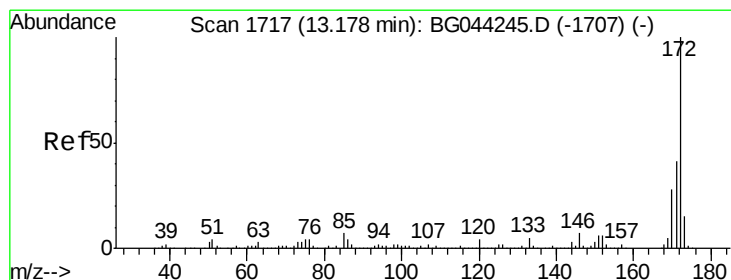
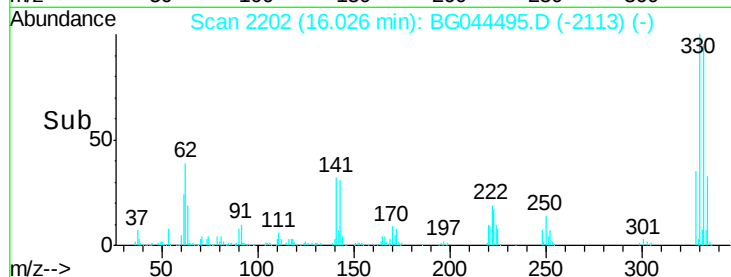
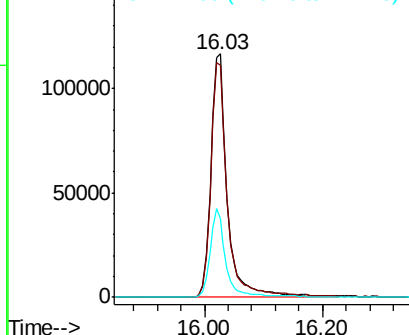
#42
 2,4,6-Tribromophenol
 Concen: 123.452 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BG044495.D
 Acq: 19 Feb 2020 18:46

Instrument :
 BNA_G
 ClientSampleId :
 0167-COMP-BT-B

Tot Ion:330 Resp: 227527
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.2 115.8
 141 34.1 28.3 42.5

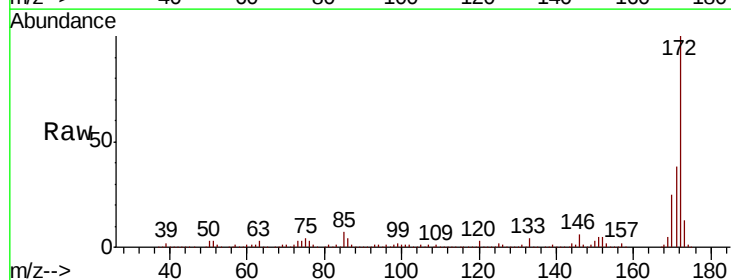


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

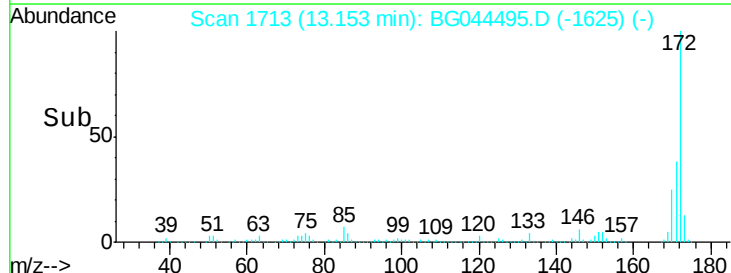
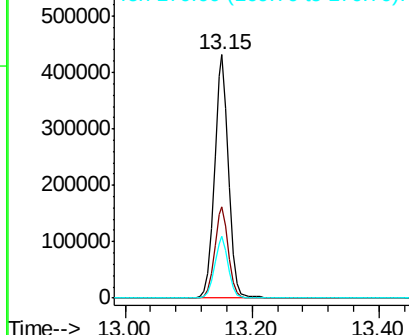


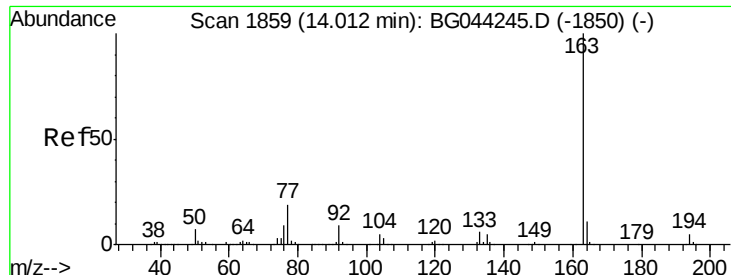
#45
 2-Fluorobiphenyl
 Concen: 72.558 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044495.D
 Acq: 19 Feb 2020 18:46

Tgt Ion:172 Resp: 680260
 Ion Ratio Lower Upper
 172 100
 171 37.6 32.9 49.3
 170 25.2 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: 3.250 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG044495.D

Acq: 19 Feb 2020 18:46

Instrument :

BNA_G

ClientSampleId :

0167-COMP-BT-B

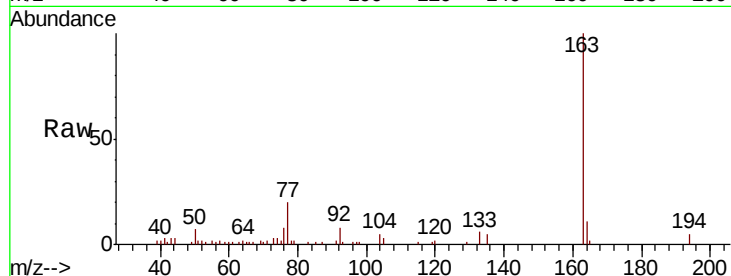
Tot Ion:163 Resp: 36674

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

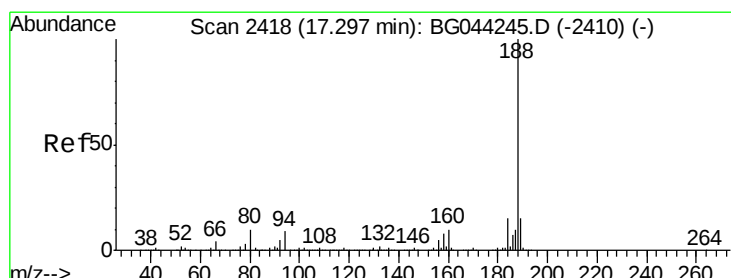
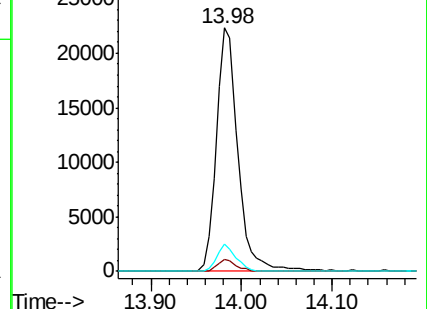
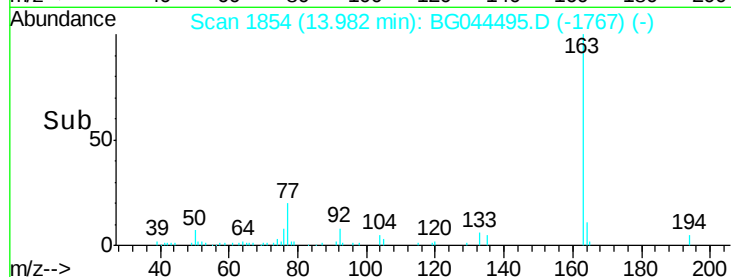
164 11.2 8.7 13.1



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: 17.27 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG044495.D

Acq: 19 Feb 2020 18:46

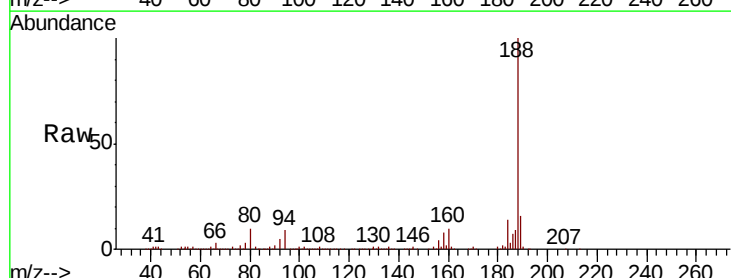
Tgt Ion:188 Resp: 377050

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

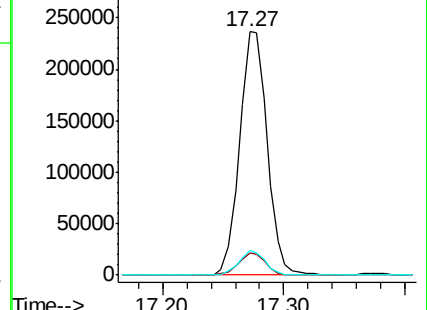
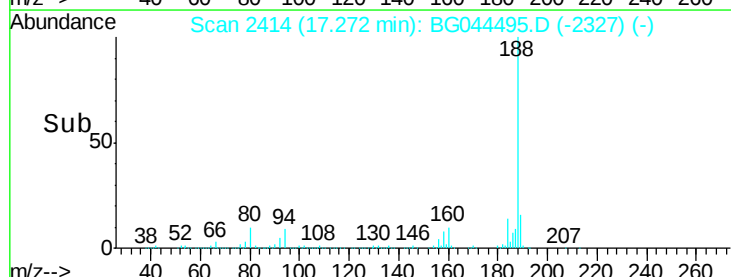
80 10.1 7.7 11.5

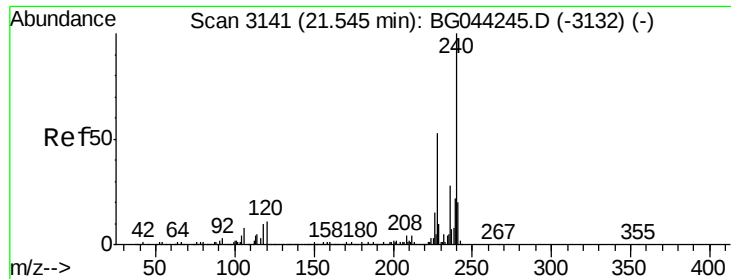


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

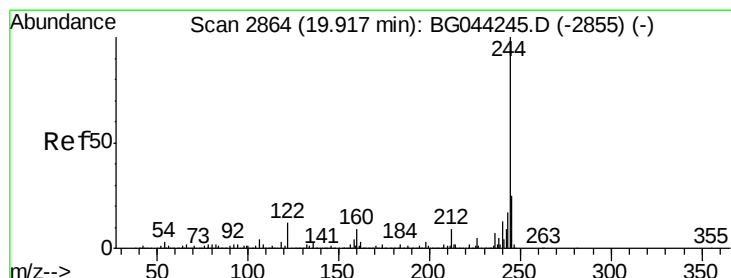
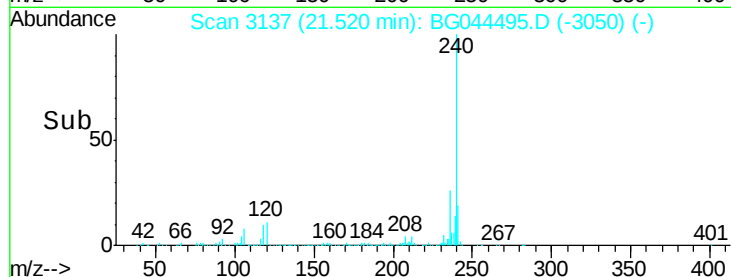
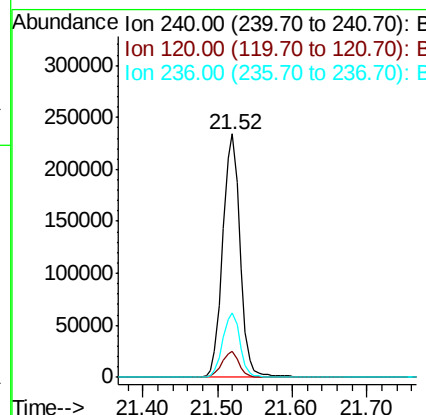
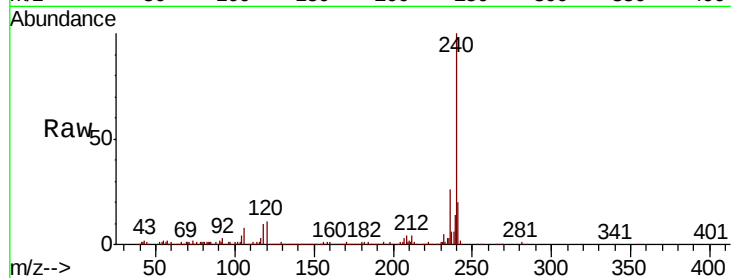




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG044495.D
 Acq: 19 Feb 2020 18:46

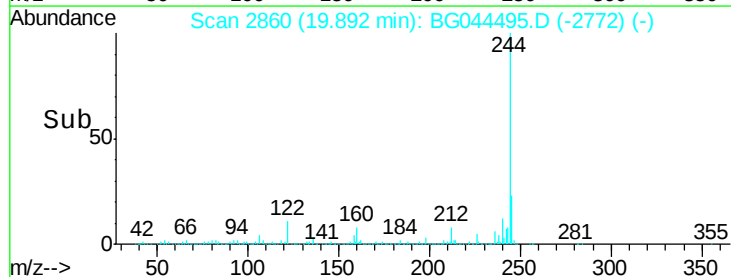
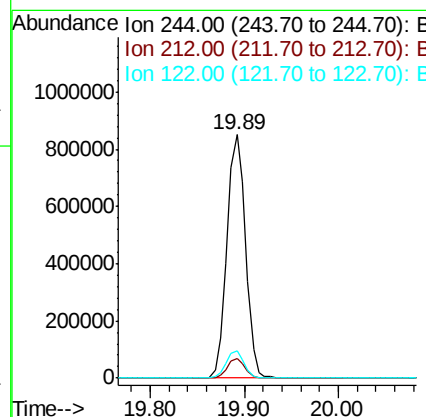
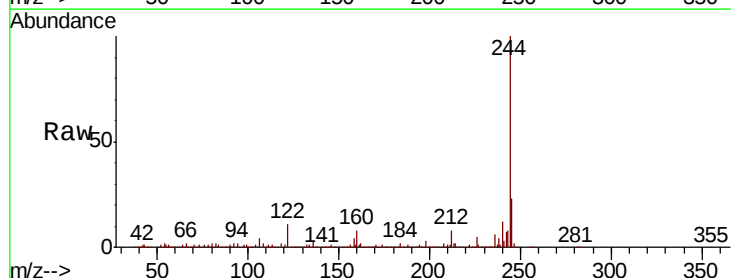
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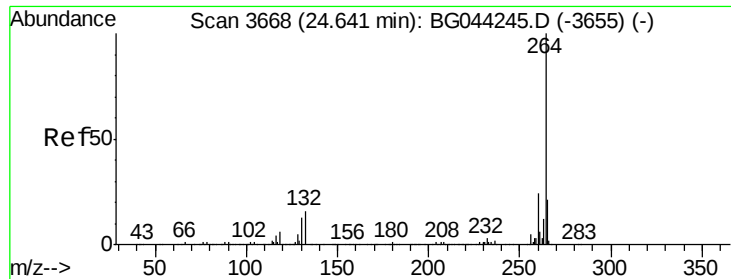
Tot Ion:240 Resp: 380093
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.4 12.6
 236 26.5 22.1 33.1



#79
 Terphenyl-d14
 Concen: 63.631 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044495.D
 Acq: 19 Feb 2020 18:46

Tgt Ion:244 Resp: 1175846
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.4 11.2
 122 11.3 9.8 14.6

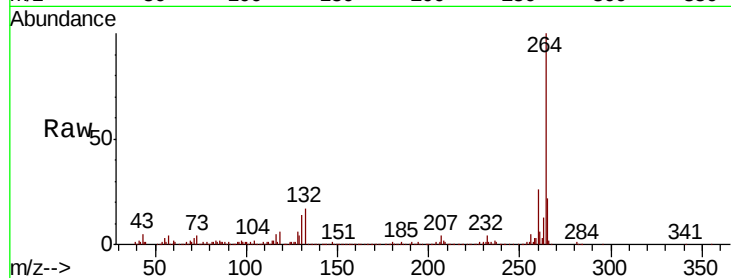




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.60 min Scan# 3661
 Delta R.T. -0.02 min
 Lab File: BG044495.D
 Acq: 19 Feb 2020 18:46

Instrument :
 BNA_G
 ClientSampleId :
 0167-COMP-BT-B

Tot Ion:	264	Resp:	401325
Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.4	29.2
265	22.2	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

