

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044530.D
 Acq On : 20 Feb 2020 21:13
 Operator : CG/JU
 Sample : L1573-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOC-3

Quant Time: Feb 21 07:30:49 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	63442	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	253426	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	164904	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	374683	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	390224	20.00	ng	-0.03
87) Perylene-d12	24.57	264	410431	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	496187	138.03	ng	-0.02
7) Phenol-d6	7.05	99	576571	119.44	ng	-0.02
23) Nitrobenzene-d5	9.03	82	439415	97.89	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	291904	150.79	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	1009811	102.54	ng	-0.02
79) Terphenyl-d14	19.89	244	1719427	90.63	ng	-0.02

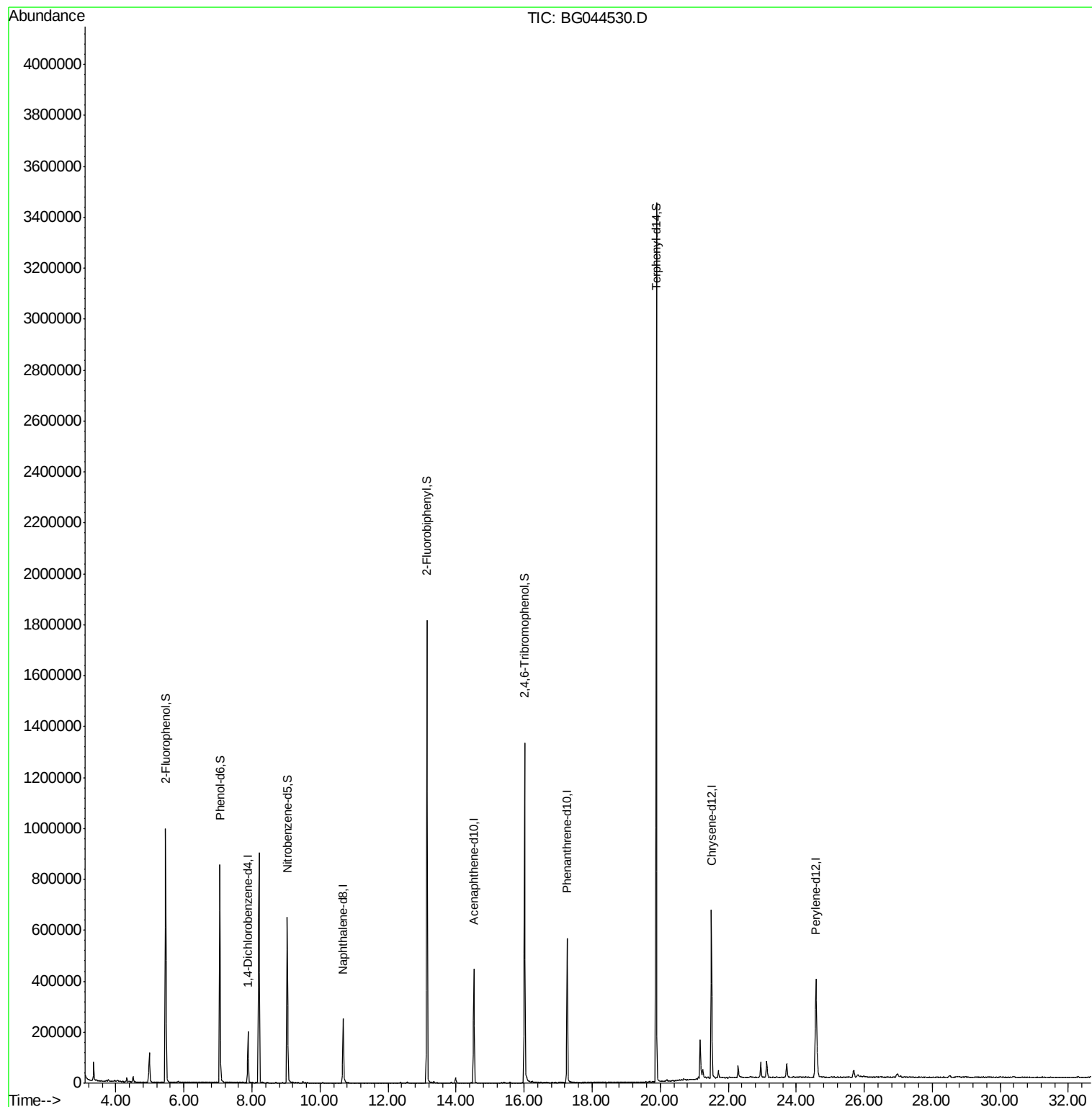
Target Compounds Qvalue

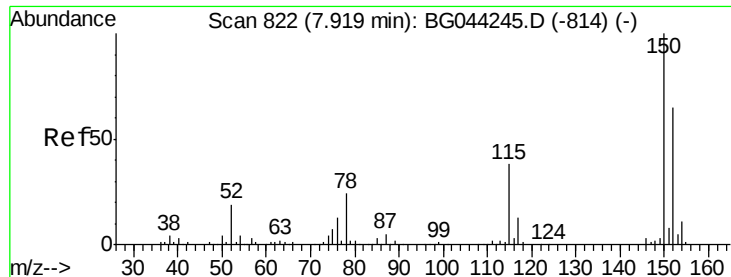
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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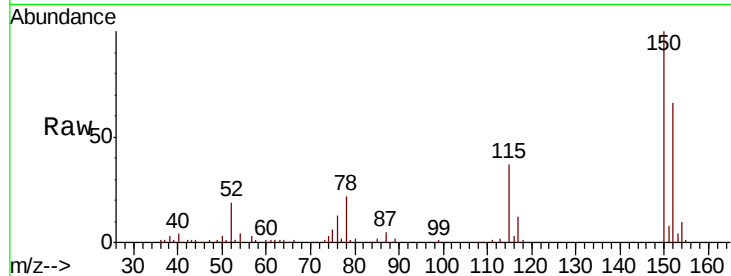


#1

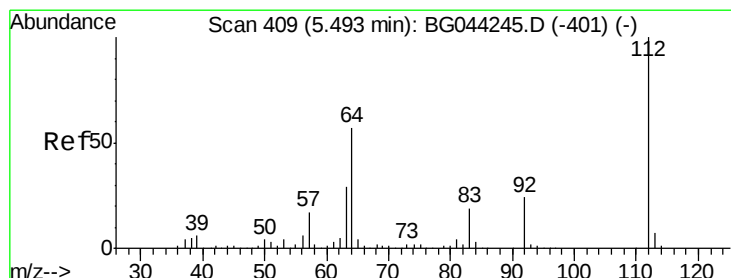
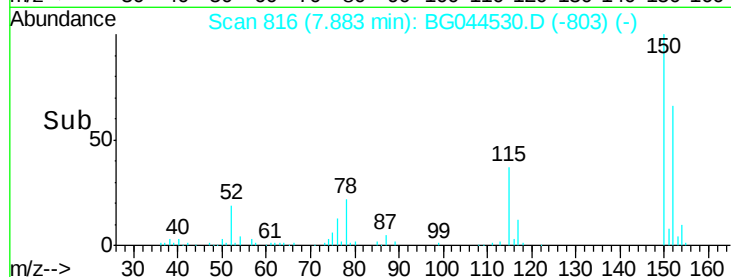
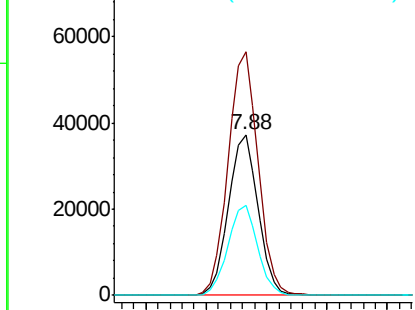
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BG044530.D
 Acq: 20 Feb 2020 21:13

Instrument :
 BNA_G
 ClientSampleId :
 LOC-3

Tot Ion:152 Resp: 63442
 Ion Ratio Lower Upper
 152 100
 150 151.7 122.6 183.8
 115 56.2 46.0 69.0



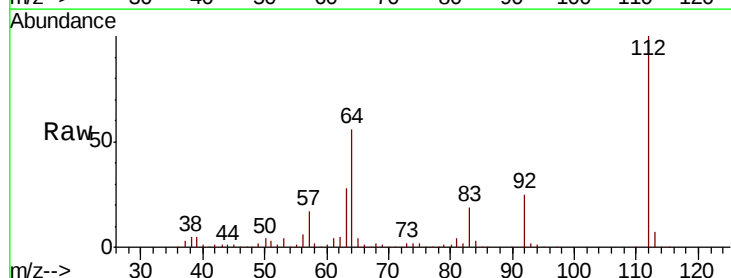
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



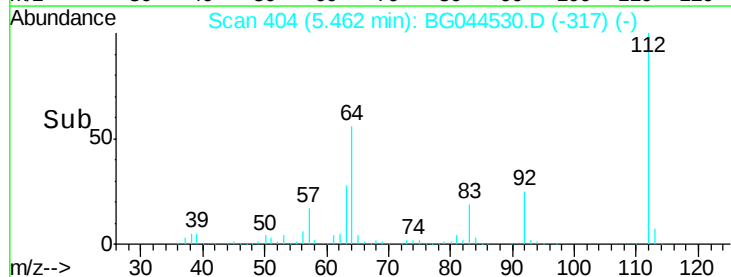
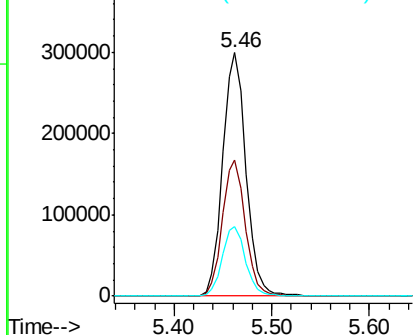
#5

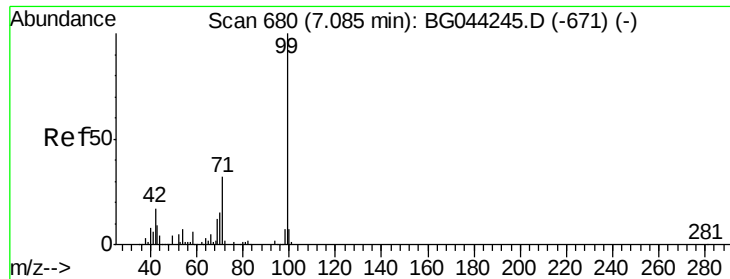
2-Fluorophenol
 Concen: 138.030 ng
 RT: 5.46 min Scan# 404
 Delta R.T. -0.02 min
 Lab File: BG044530.D
 Acq: 20 Feb 2020 21:13

Tgt Ion:112 Resp: 496187
 Ion Ratio Lower Upper
 112 100
 64 55.7 45.4 68.2
 63 28.5 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: 119.441 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044530.D

Acq: 20 Feb 2020 21:13

Instrument :

BNA_G

ClientSampleId :

LOC-3

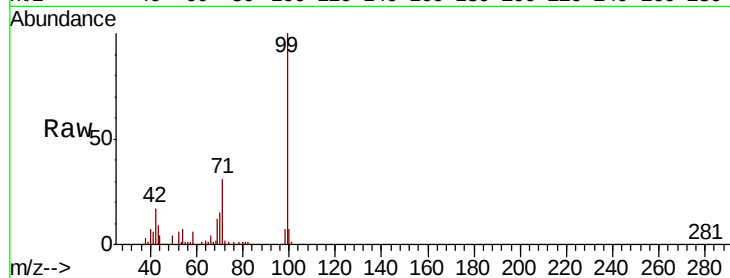
Tot Ion: 99 Resp: 576571

Ion Ratio Lower Upper

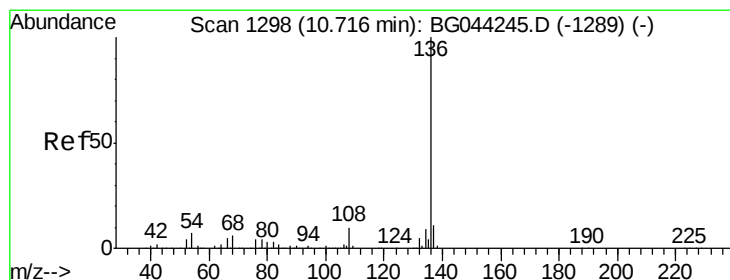
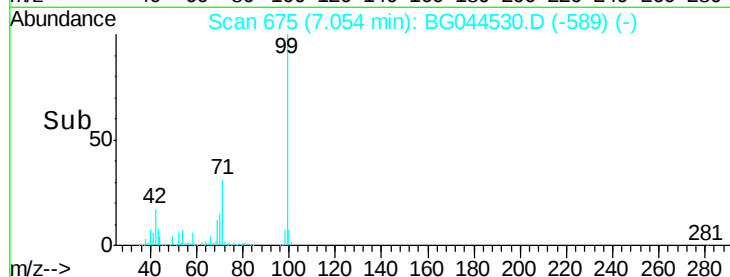
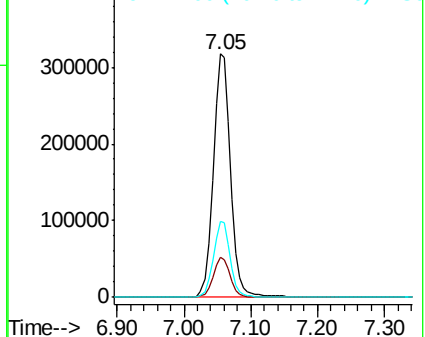
99 100

42 16.7 13.8 20.6

71 31.0 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: 10.68 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BG044530.D

Acq: 20 Feb 2020 21:13

Tgt Ion: 136 Resp: 253426

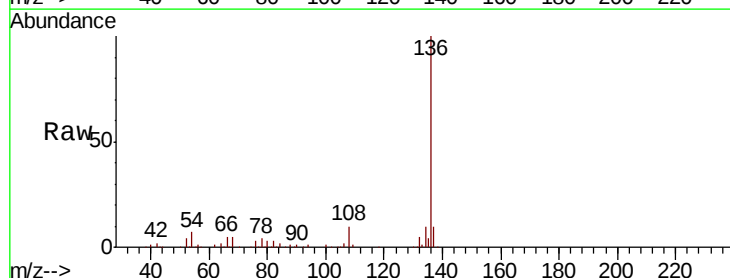
Ion Ratio Lower Upper

136 100

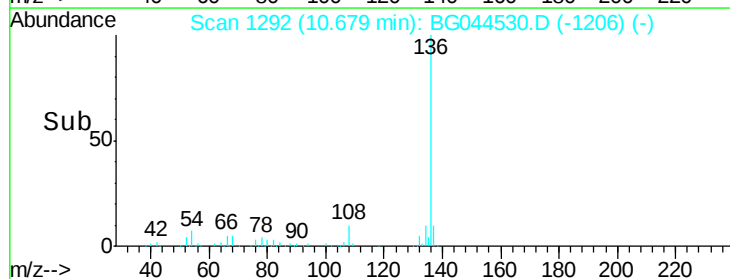
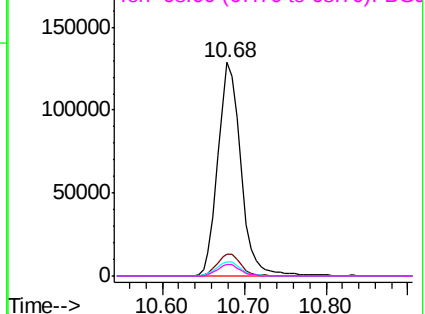
137 10.5 8.8 13.2

54 6.9 5.8 8.8

68 5.4 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

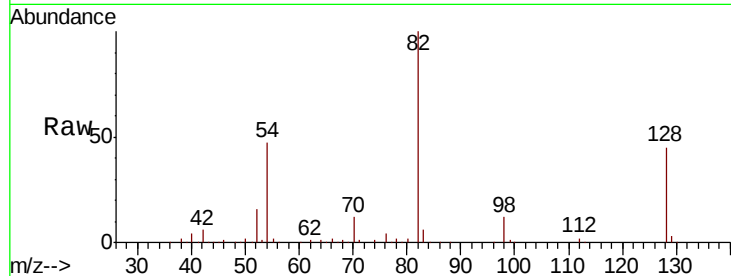




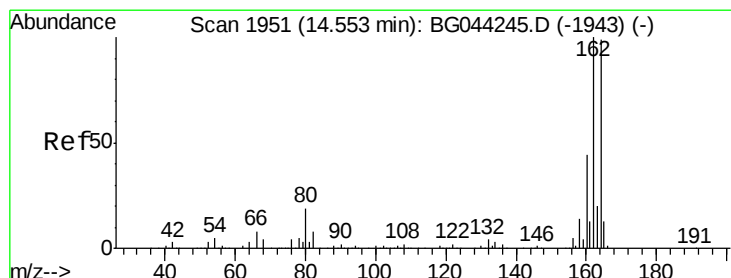
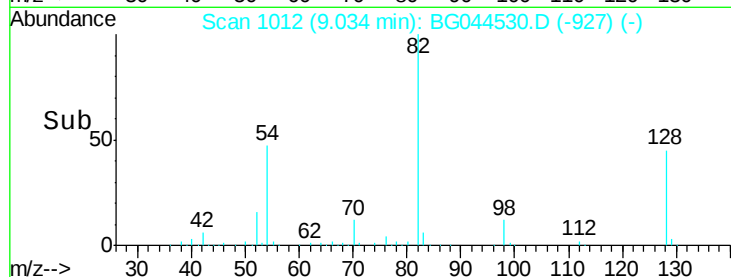
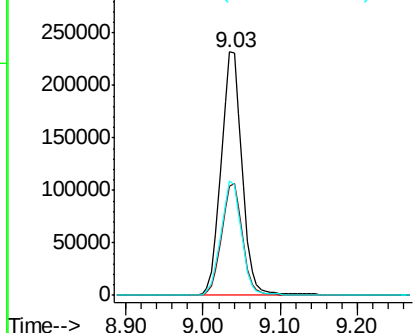
#23
Nitrobenzene-d5
Concen: 97.890 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG044530.D
Acq: 20 Feb 2020 21:13

Instrument :
BNA_G
ClientSampleId :
LOC-3

Tot Ion	82	Resp	439415
Ion Ratio	100		
128	44.7	36.5	54.7
54	46.9	38.6	58.0

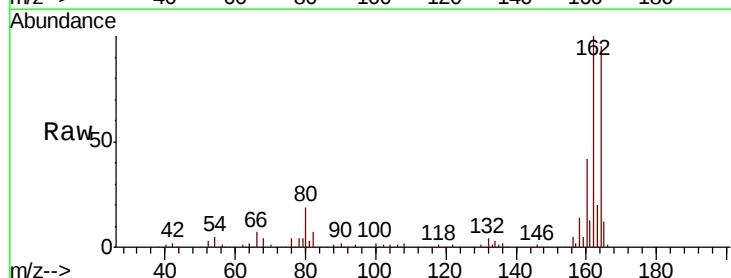


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

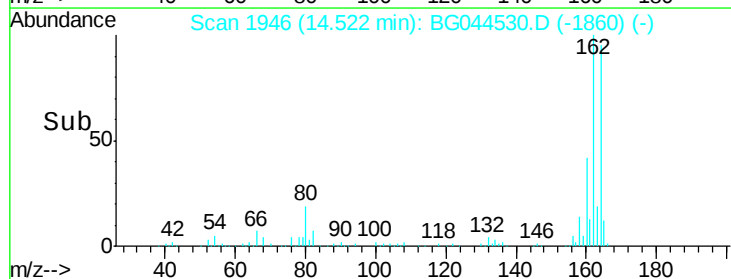
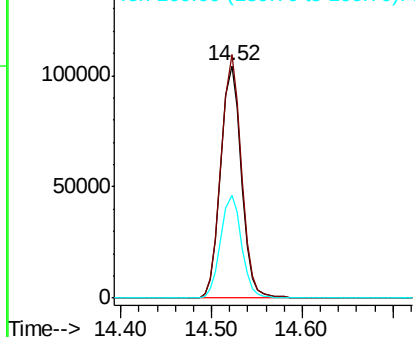


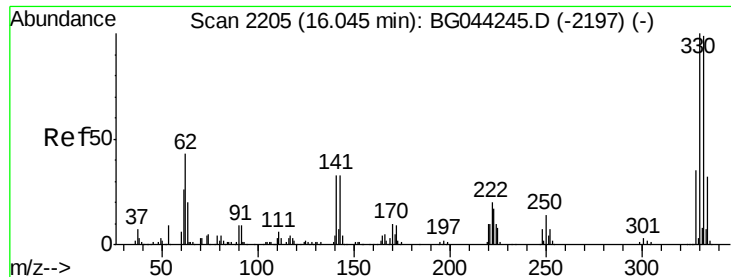
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG044530.D
Acq: 20 Feb 2020 21:13

Tgt Ion	164	Resp	164904
Ion Ratio	100		
162	104.9	80.7	121.1
160	44.0	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

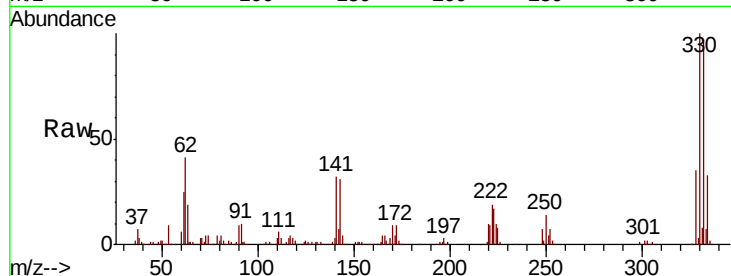




#42
 2,4,6-Tribromophenol
 Concen: 150.786 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG044530.D
 Acq: 20 Feb 2020 21:13

Instrument :
 BNA_G
 ClientSampleID :
 LOC-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.2	115.8
141	34.7	28.3	42.5

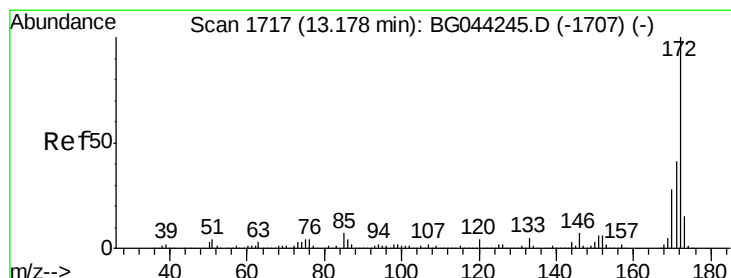
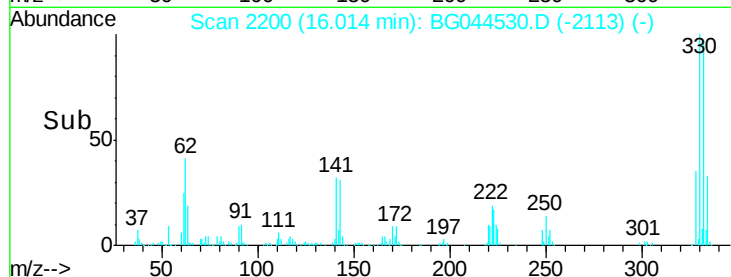
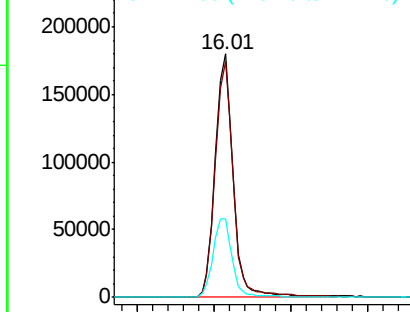


Abundance

Ion 329.80 (329.50 to 330.50): E

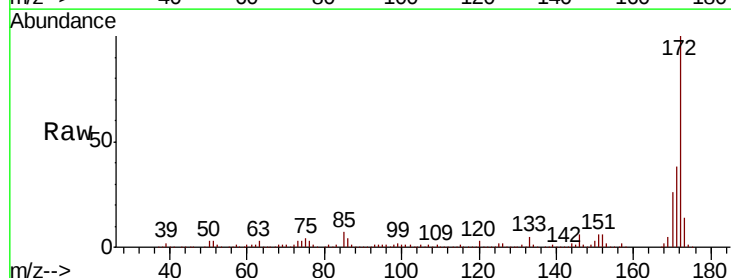
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 102.543 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG044530.D
 Acq: 20 Feb 2020 21:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.9	49.3
170	25.6	22.0	33.0

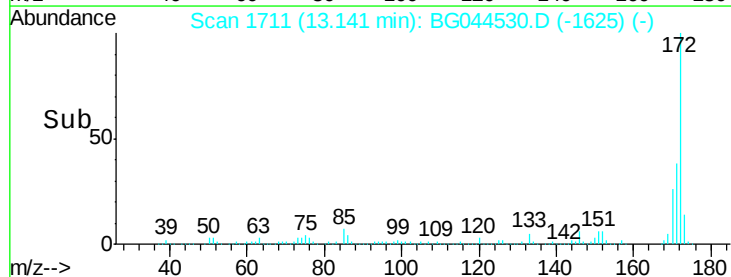
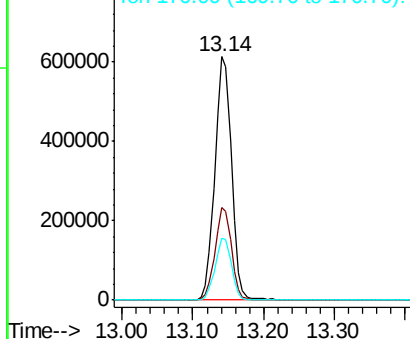


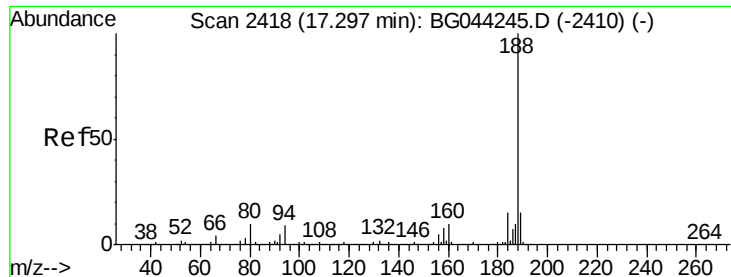
Abundance

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

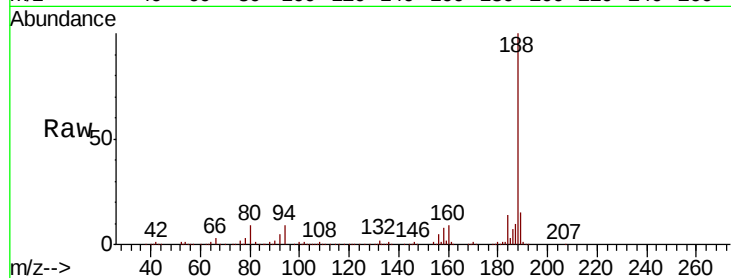




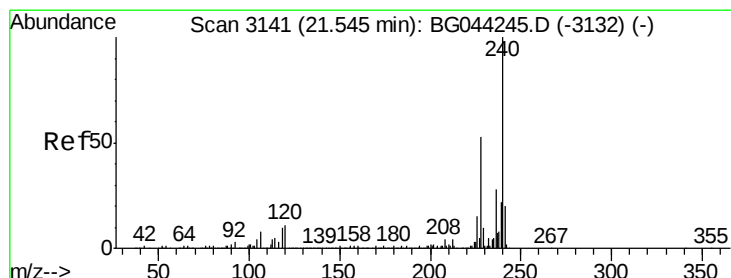
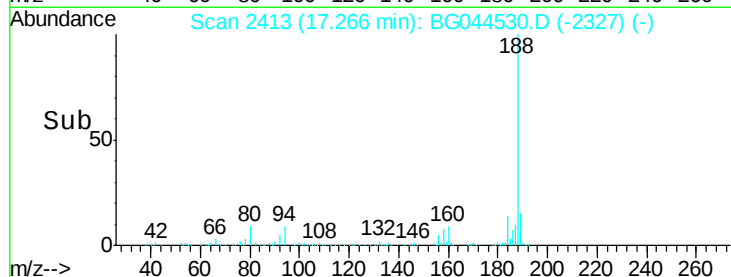
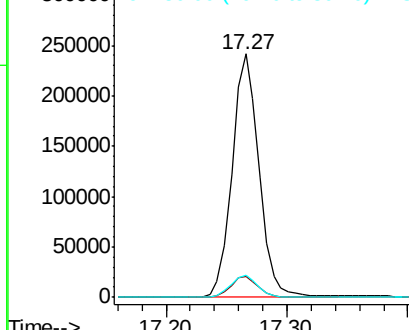
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BG044530.D
Acq: 20 Feb 2020 21:13

Instrument :
BNA_G
ClientSampleId :
LOC-3

Tot Ion:188 Resp: 374683
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 8.9 7.7 11.5

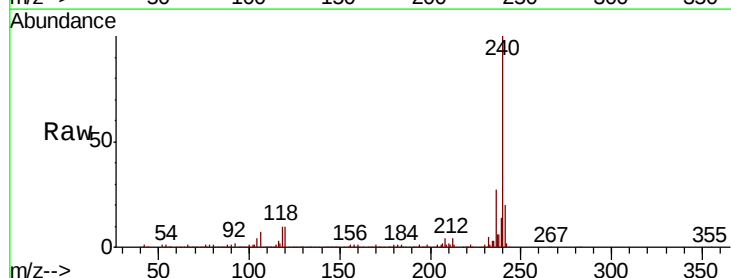


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

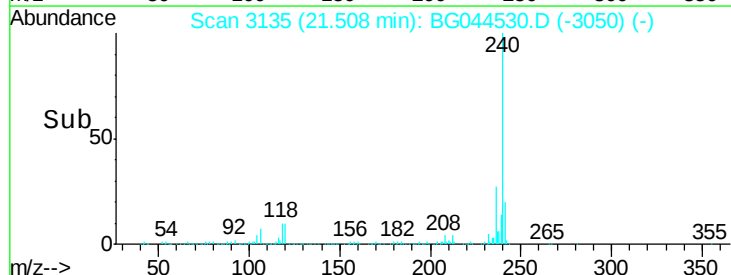
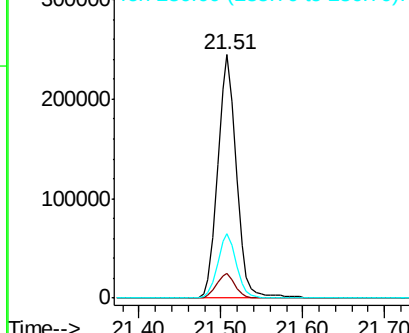


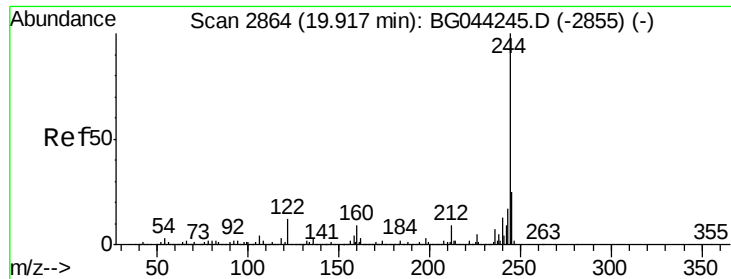
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3135
Delta R.T. -0.03 min
Lab File: BG044530.D
Acq: 20 Feb 2020 21:13

Tgt Ion:240 Resp: 390224
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 26.6 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: 90.631 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG044530.D

Acq: 20 Feb 2020 21:13

Instrument :

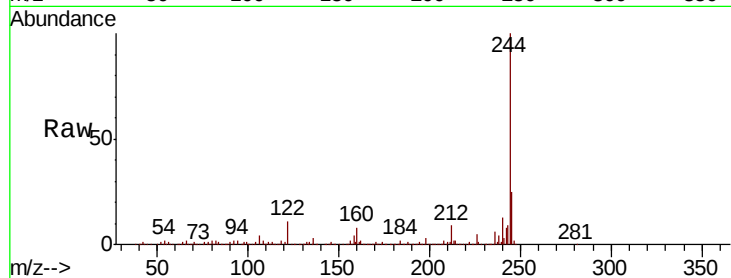
BNA_G

ClientSampleId :

LOC-3

Tot Ion:244 Resp: 1719427

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.2
122	11.3	9.8	14.6

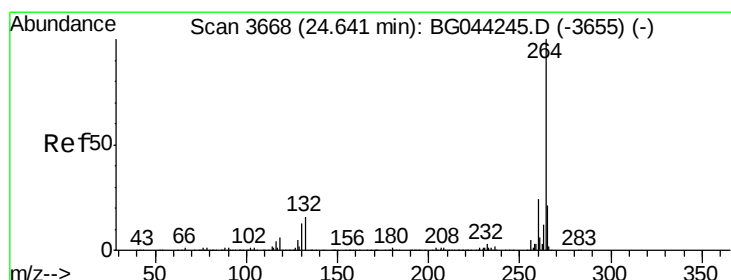
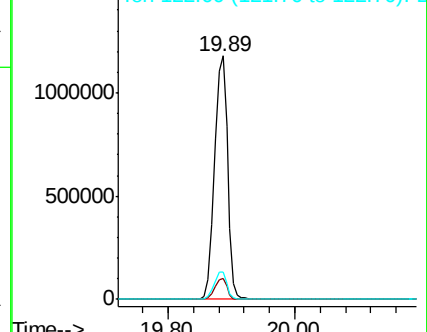
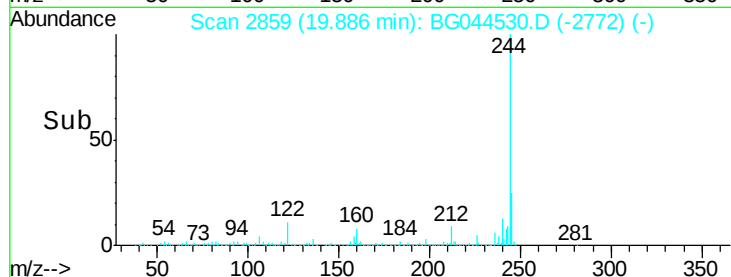


Abundance

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: 24.57 min Scan# 3657

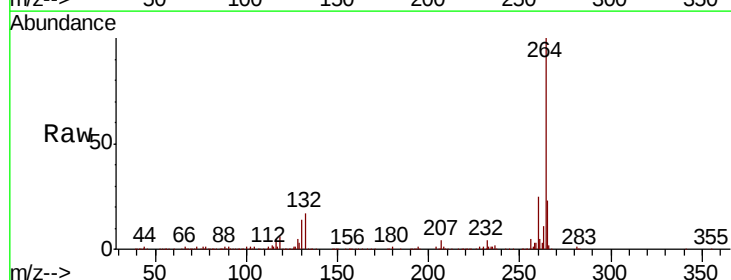
Delta R.T. -0.05 min

Lab File: BG044530.D

Acq: 20 Feb 2020 21:13

Tgt Ion:264 Resp: 410431

Ion	Ratio	Lower	Upper
264	100		
260	24.6	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

