

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045724.D
 Acq On : 11 Jun 2020 16:55
 Operator : CG/JU
 Sample : PB129493BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129493BL

Quant Time: Jun 11 18:32:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	43521	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	178275	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	135277	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	346476	20.00	ng	0.00
76) Chrysene-d12	21.59	240	320902	20.00	ng	-0.01
87) Perylene-d12	24.74	264	331804	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	341026	153.14	ng	-0.01
7) Phenol-d6	7.13	99	484400	152.83	ng	-0.02
23) Nitrobenzene-d5	9.10	82	348771	106.68	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	283354	163.78	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	835520	104.76	ng	0.00
79) Terphenyl-d14	19.95	244	1634985	118.83	ng	0.00

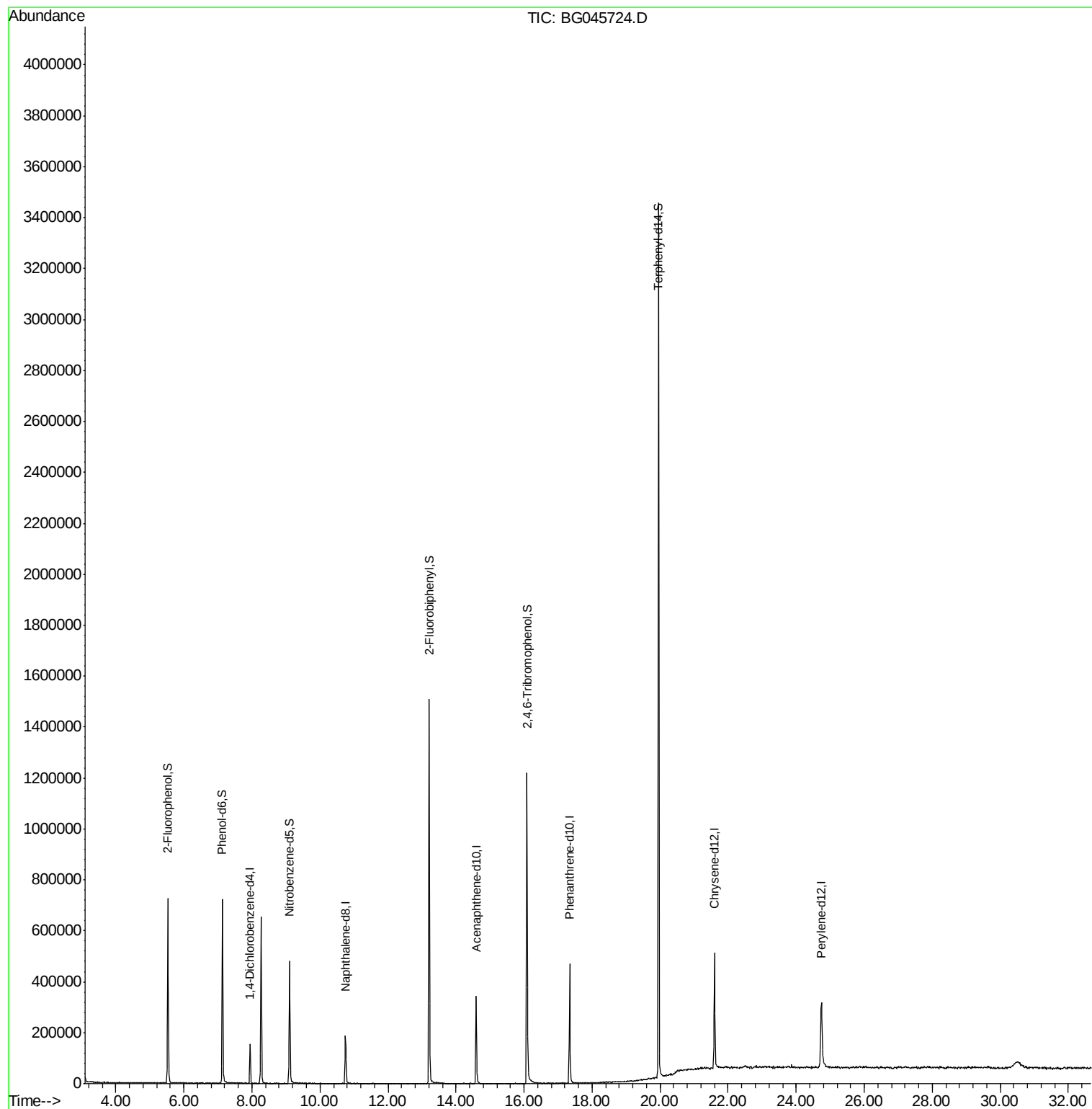
Target Compounds Qvalue

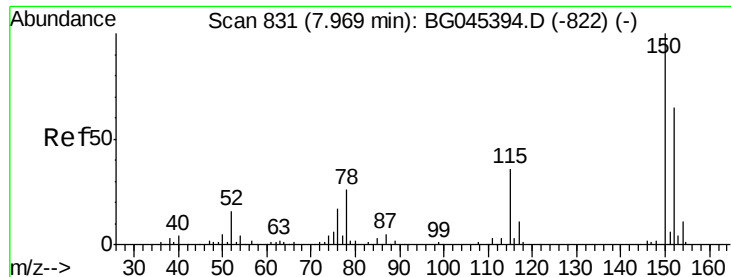
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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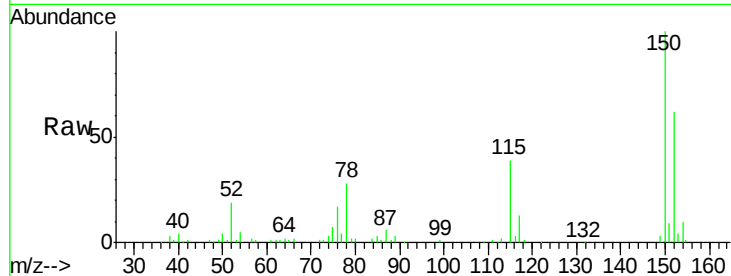


#1

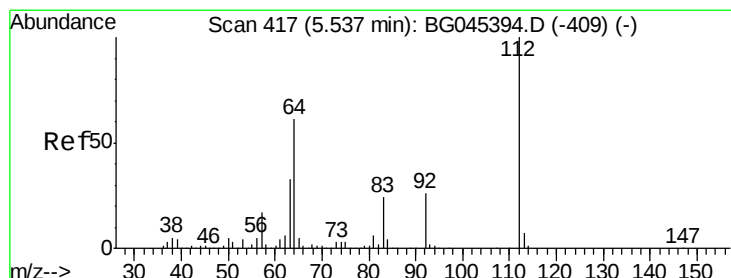
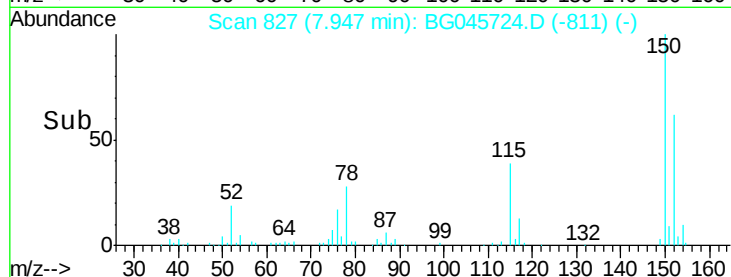
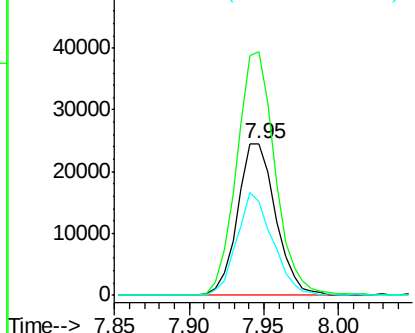
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045724.D
Acq: 11 Jun 2020 16:55

Instrument :
BNA_G
ClientSampleId :
PB129493BL

Tot Ion:152 Resp: 43521
Ion Ratio Lower Upper
152 100
150 160.6 122.4 183.6
115 62.1 44.2 66.4



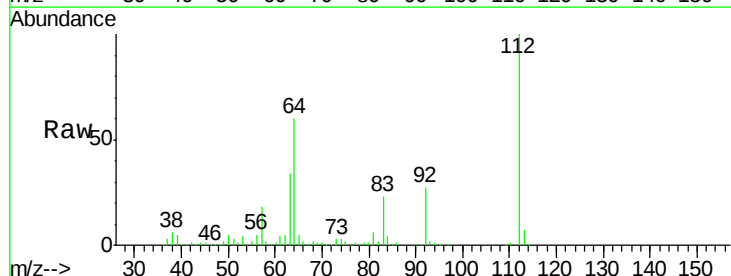
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



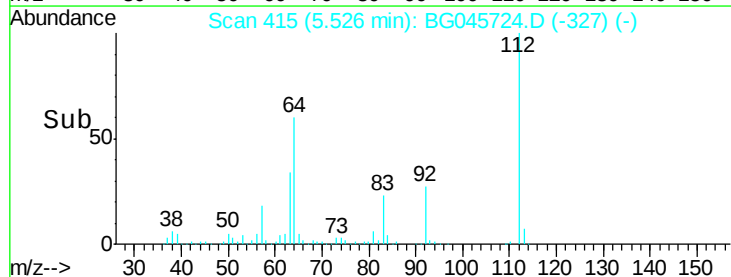
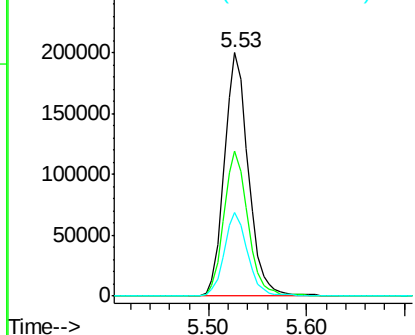
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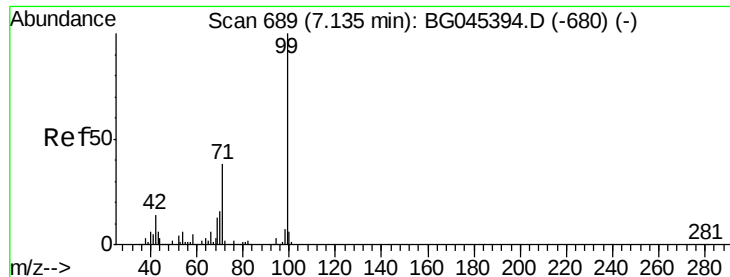
2-Fluorophenol
Concen: 153.137 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045724.D
Acq: 11 Jun 2020 16:55

Tgt Ion:112 Resp: 341026
Ion Ratio Lower Upper
112 100
64 59.7 48.6 72.8
63 34.2 26.5 39.7



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





#7

Phenol-d6

Concen: 152.827 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG045724.D

Acq: 11 Jun 2020 16:55

Instrument :

BNA_G

ClientSampleId :

PB129493BL

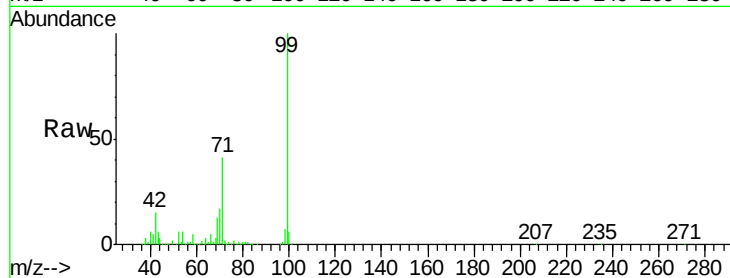
Tot Ion: 99 Resp: 484400

Ion Ratio Lower Upper

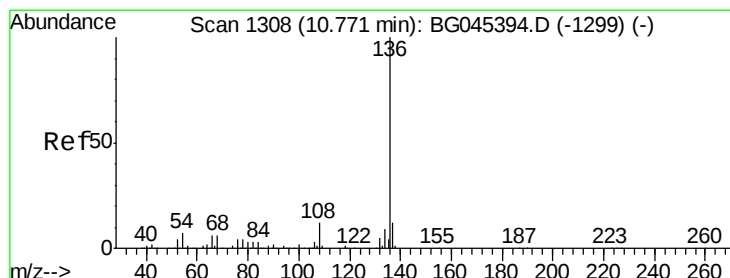
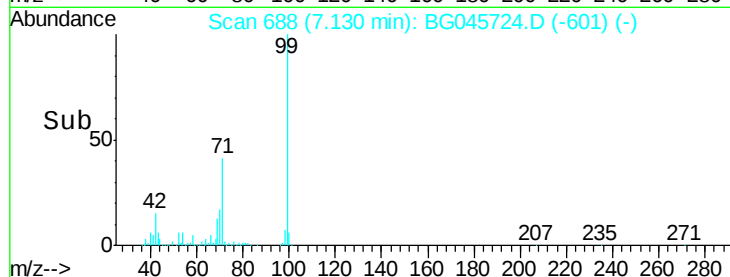
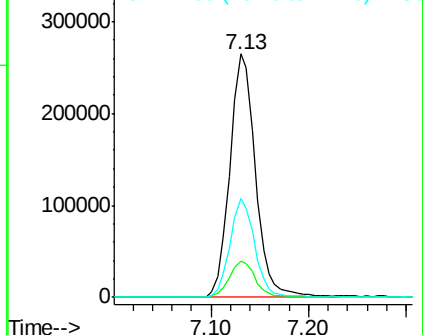
99 100

42 14.7 11.3 16.9

71 40.8 30.8 46.2



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: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045724.D

Acq: 11 Jun 2020 16:55

Tgt Ion: 136 Resp: 178275

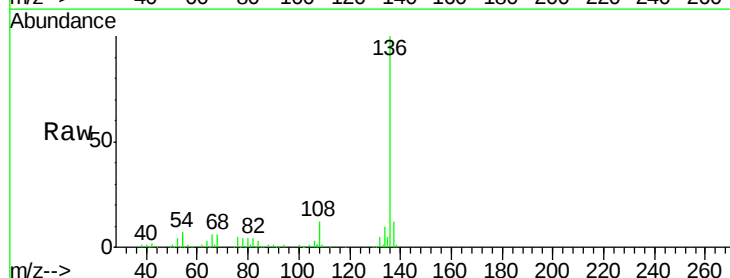
Ion Ratio Lower Upper

136 100

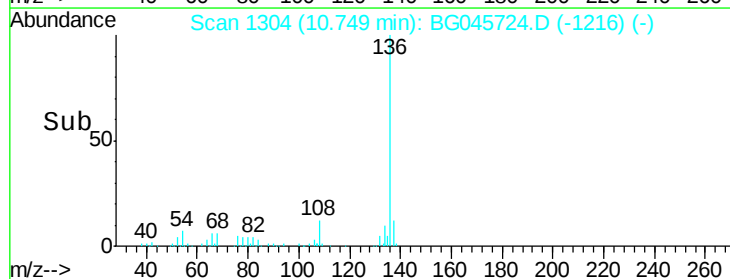
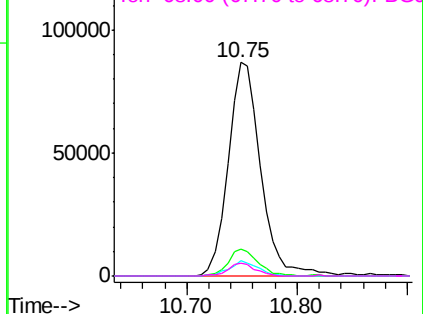
137 12.5 9.4 14.2

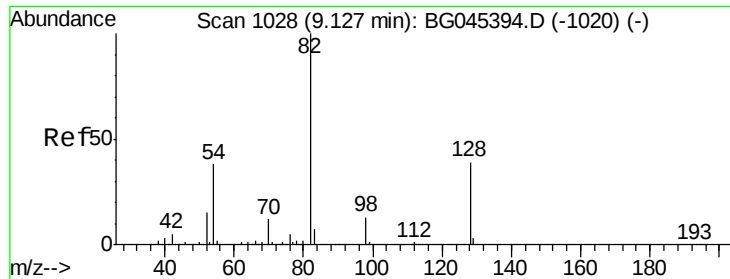
54 7.1 5.8 8.6

68 5.8 4.5 6.7



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

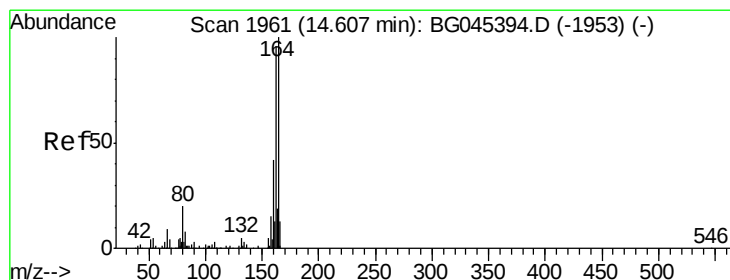
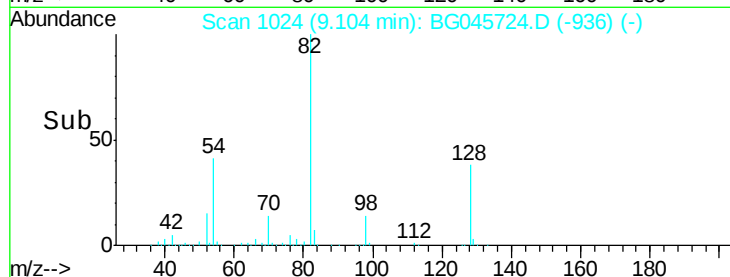
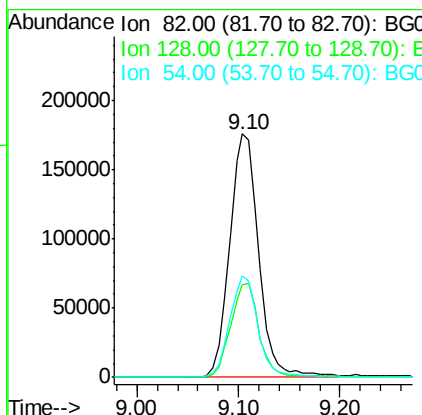
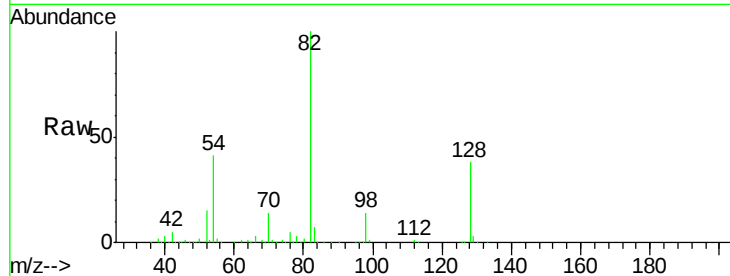




#23
 Nitrobenzene-d5
 Concen: 106.684 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045724.D
 Acq: 11 Jun 2020 16:55

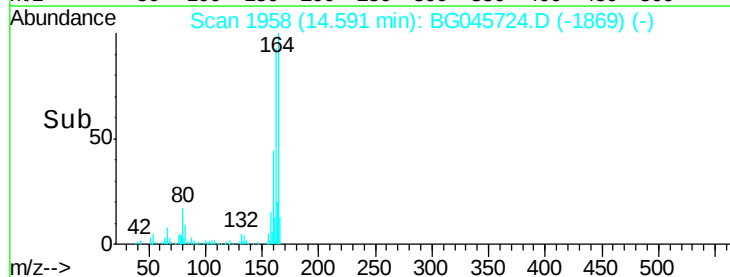
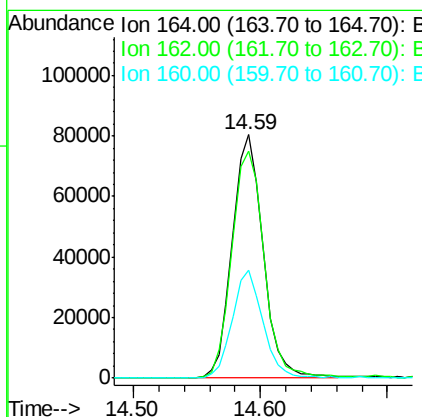
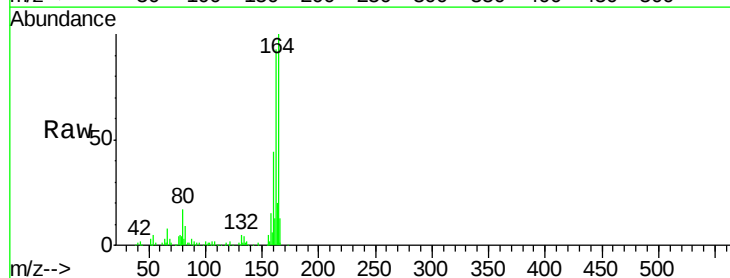
Instrument :
 BNA_G
 ClientSampleId :
 PB129493BL

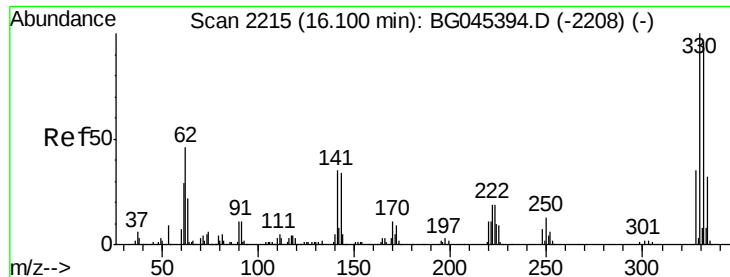
Tot Ion	82	Resp	348771
Ion Ratio	Lower	Upper	
82	100		
128	38.2	30.9	46.3
54	41.5	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045724.D
 Acq: 11 Jun 2020 16:55

Tgt Ion	164	Resp	135277
Ion Ratio	Lower	Upper	
164	100		
162	93.4	76.9	115.3
160	44.1	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 163.785 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045724.D

Acq: 11 Jun 2020 16:55

Instrument :

BNA_G

ClientSampleId :

PB129493BL

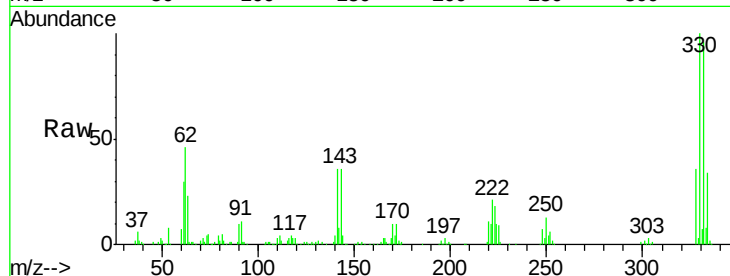
Tot Ion:330 Resp: 283354

Ion Ratio Lower Upper

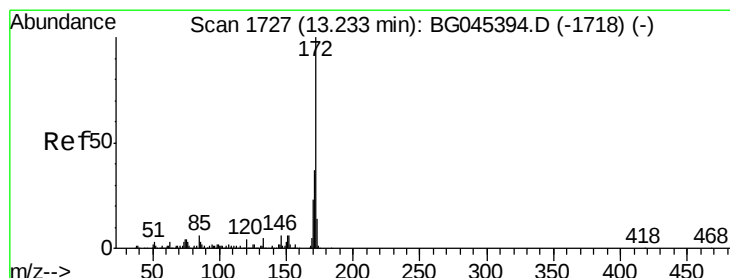
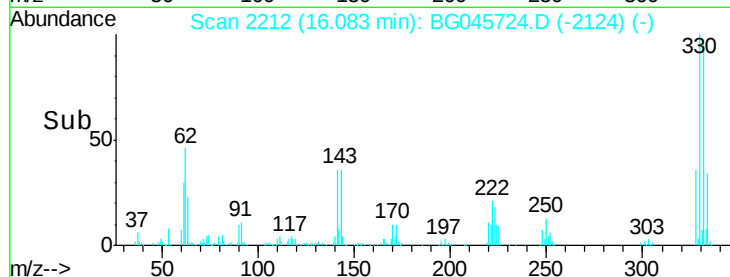
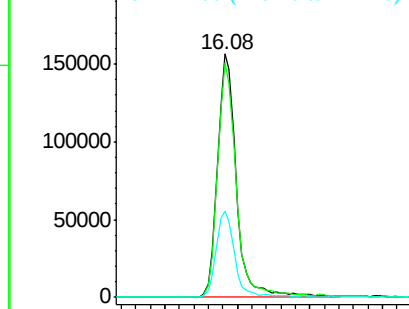
330 100

332 95.6 78.2 117.4

141 34.8 28.2 42.4



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: 104.764 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG045724.D

Acq: 11 Jun 2020 16:55

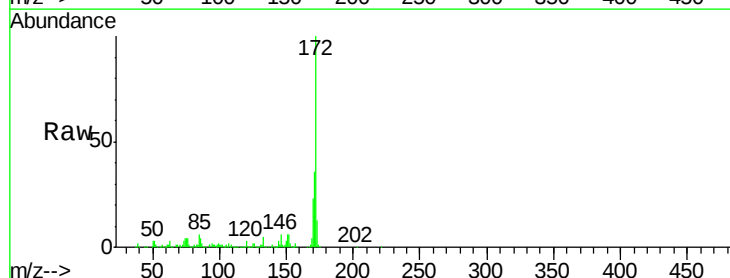
Tgt Ion:172 Resp: 835520

Ion Ratio Lower Upper

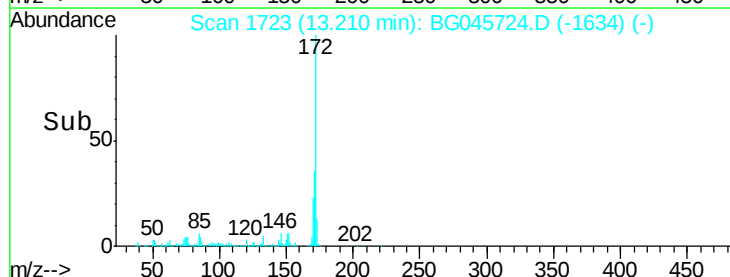
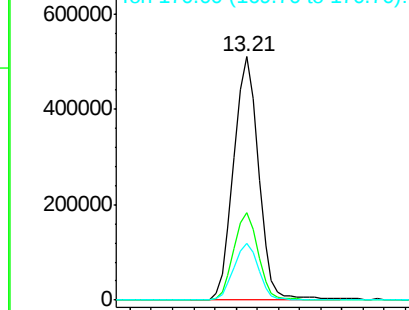
172 100

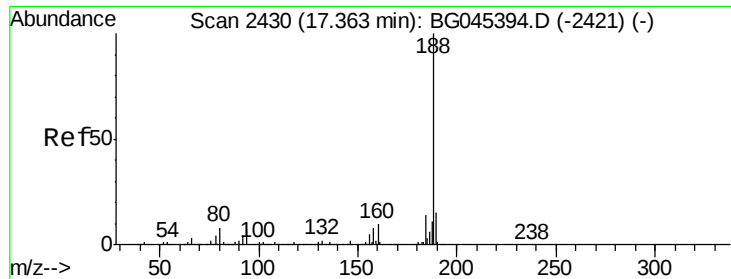
171 35.9 29.5 44.3

170 23.3 18.5 27.7



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

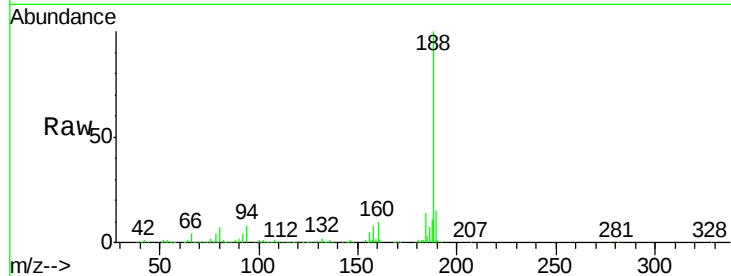




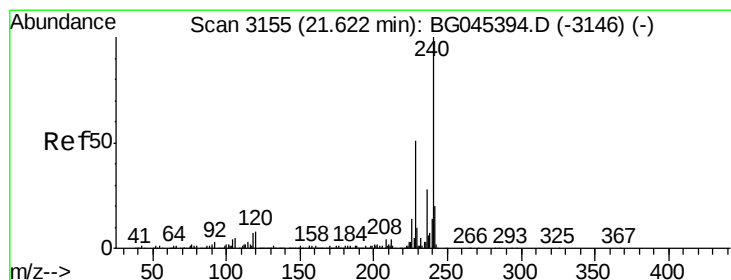
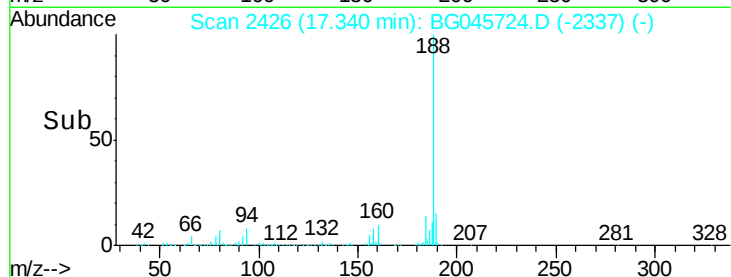
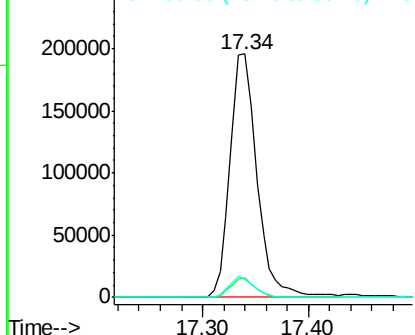
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045724.D
Acq: 11 Jun 2020 16:55

Instrument :
BNA_G
ClientSampleId :
PB129493BL

Tot Ion:188 Resp: 346476
Ion Ratio Lower Upper
188 100
94 7.9 5.5 8.3
80 7.3 6.6 10.0

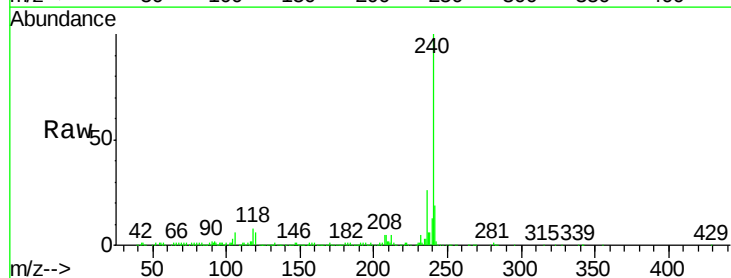


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

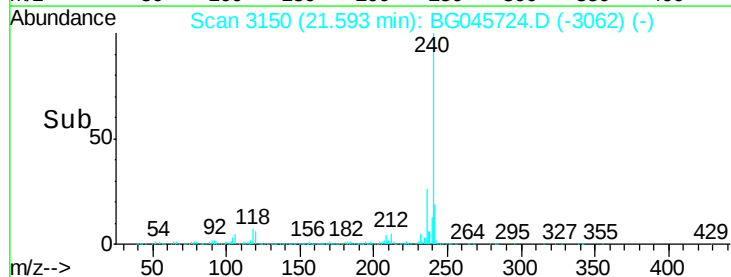
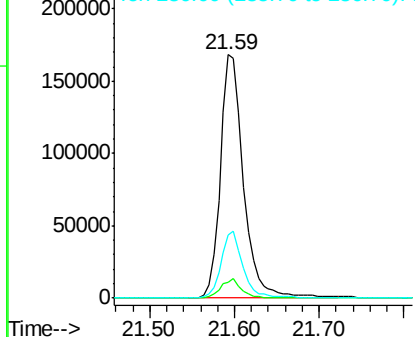


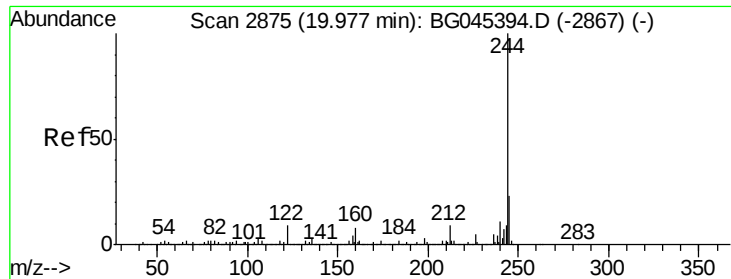
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045724.D
Acq: 11 Jun 2020 16:55

Tgt Ion:240 Resp: 320902
Ion Ratio Lower Upper
240 100
120 6.5 6.1 9.1
236 26.1 22.3 33.5



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

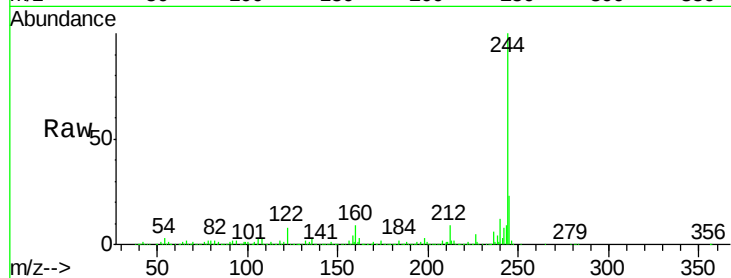




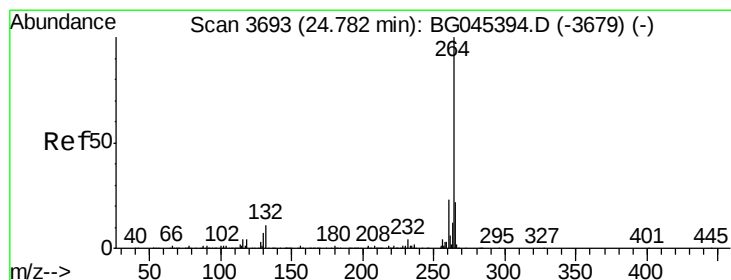
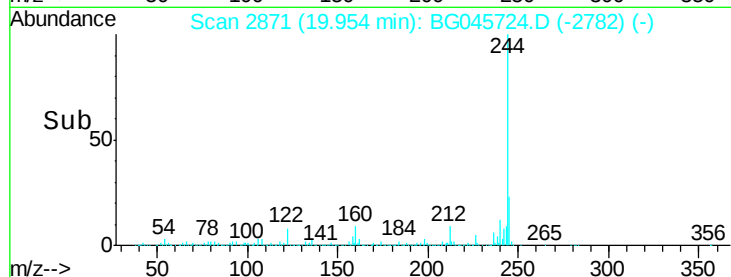
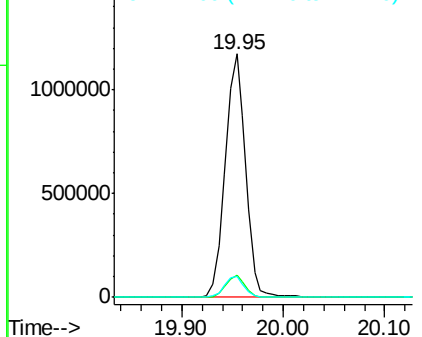
#79
 Terphenyl-d14
 Concen: 118.830 ng
 RT: 19.95 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BG045724.D
 Acq: 11 Jun 2020 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB129493BL

Tot Ion:244 Resp: 1634985
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.4 11.0
 122 8.5 6.8 10.2

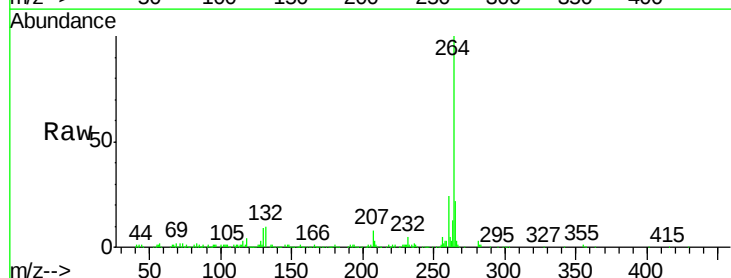


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.74 min Scan# 3686
 Delta R.T. -0.01 min
 Lab File: BG045724.D
 Acq: 11 Jun 2020 16:55

Tgt Ion:264 Resp: 331804
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.4
 265 22.0 17.6 26.4



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

