

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044595.D
 Acq On : 26 Feb 2020 3:11
 Operator : CG/JU
 Sample : PB127049TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127049TB

Quant Time: Feb 26 06:11:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	63241	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	246430	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	160487	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	388751	20.00	ng	0.00
76) Chrysene-d12	21.50	240	411266	20.00	ng	0.00
87) Perylene-d12	24.57	264	422900	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	504031	127.88	ng	0.00
7) Phenol-d6	7.05	99	578730	107.27	ng	0.00
23) Nitrobenzene-d5	9.03	82	430047	89.91	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	316466	139.07	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	976244	87.11	ng	0.00
79) Terphenyl-d14	19.88	244	1848360	85.08	ng	0.00

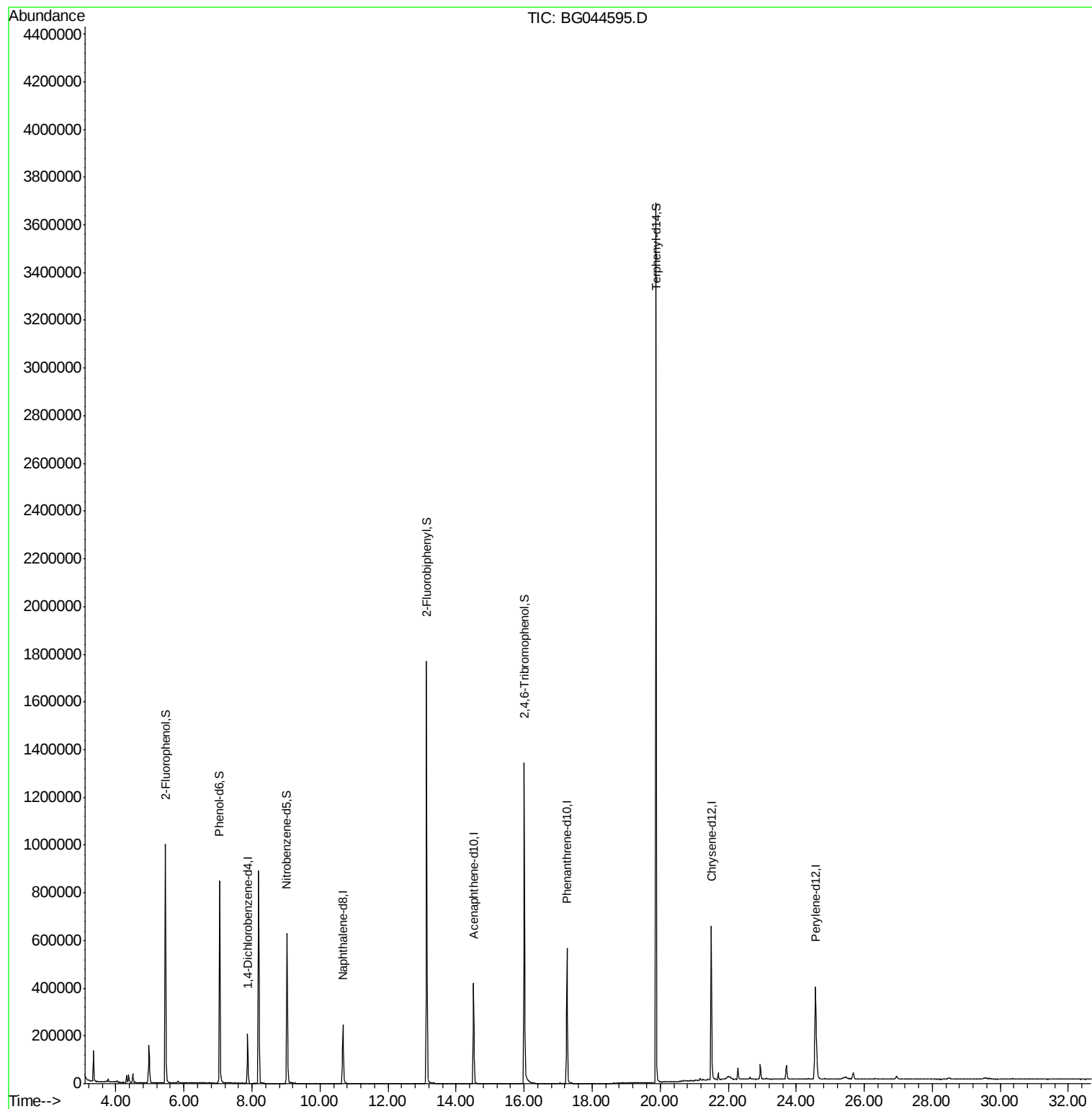
Target Compounds Qvalue

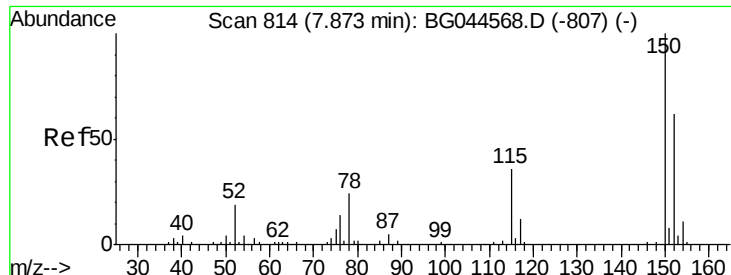
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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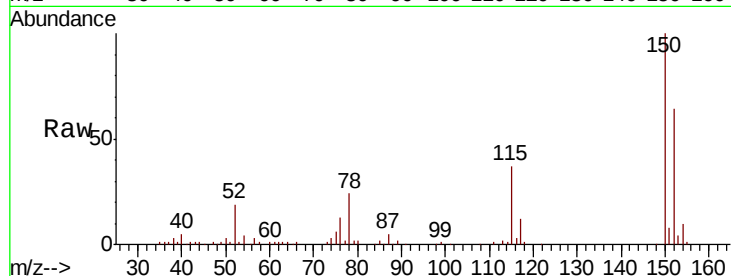


#1

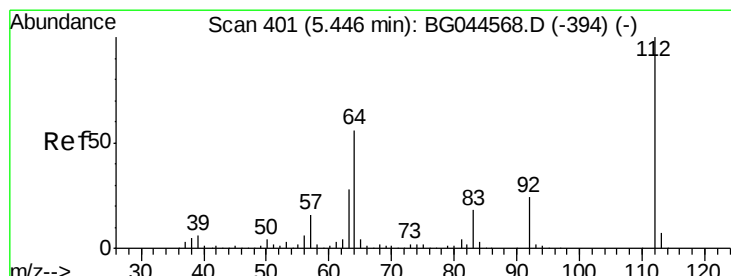
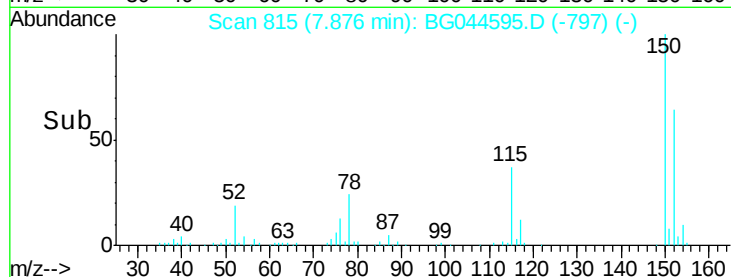
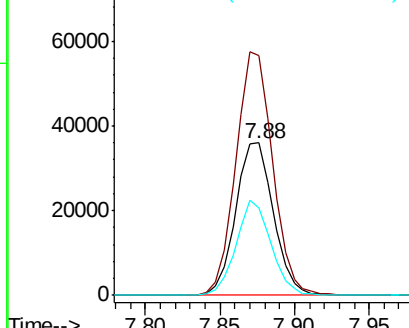
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BG044595.D
 Acq: 26 Feb 2020 3:11

Instrument :
 BNA_G
 ClientSampleId :
 PB127049TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	128.9	193.3
115	57.5	47.0	70.4



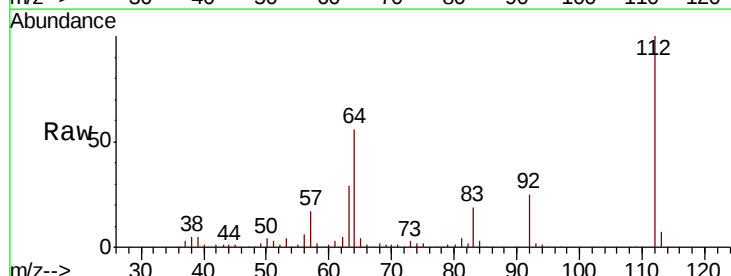
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



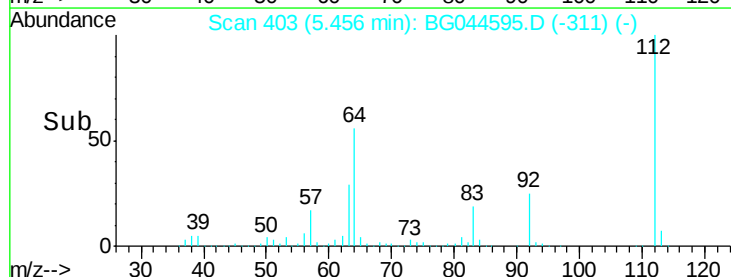
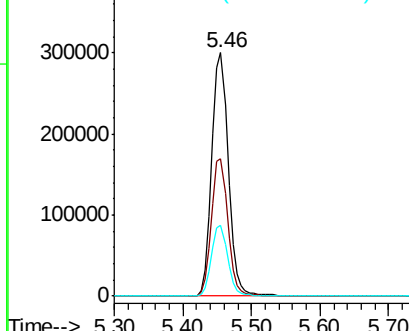
#5

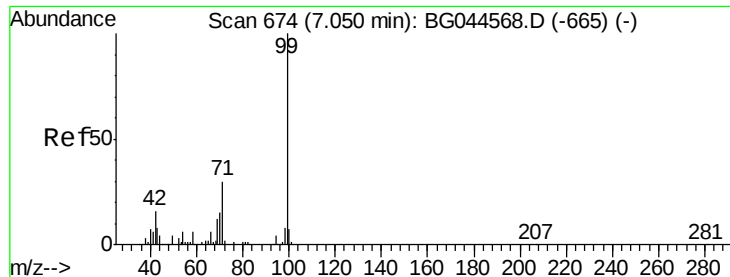
2-Fluorophenol
 Concen: 127.876 ng
 RT: 5.46 min Scan# 403
 Delta R.T. 0.01 min
 Lab File: BG044595.D
 Acq: 26 Feb 2020 3:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.8	67.2
63	29.1	22.3	33.5



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: 107.267 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

Instrument :

BNA_G

ClientSampleId :

PB127049TB

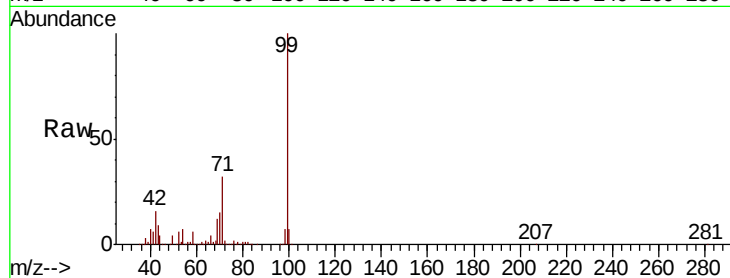
Tot Ion: 99 Resp: 578730

Ion Ratio Lower Upper

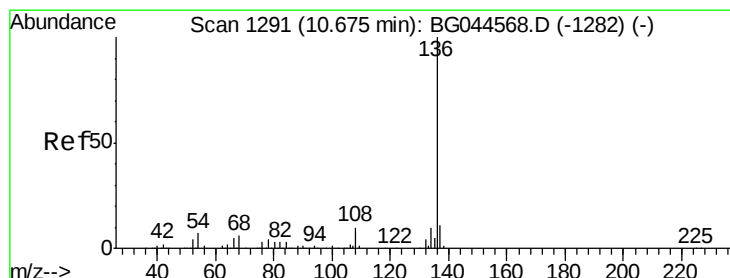
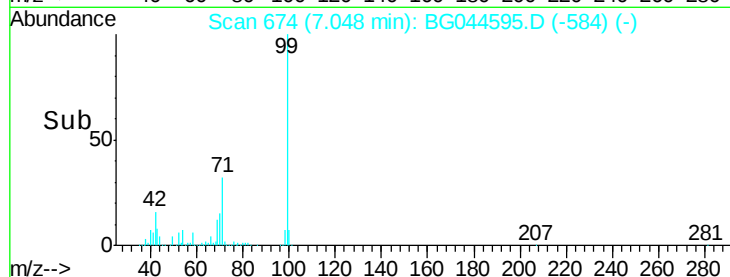
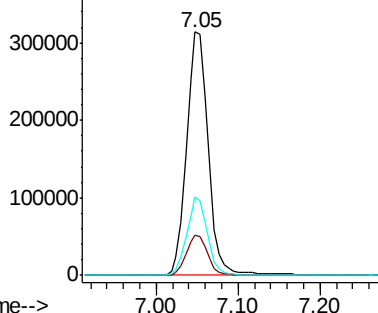
99 100

42 16.5 12.8 19.2

71 32.1 24.4 36.6



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: 10.67 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

Tgt Ion: 136 Resp: 246430

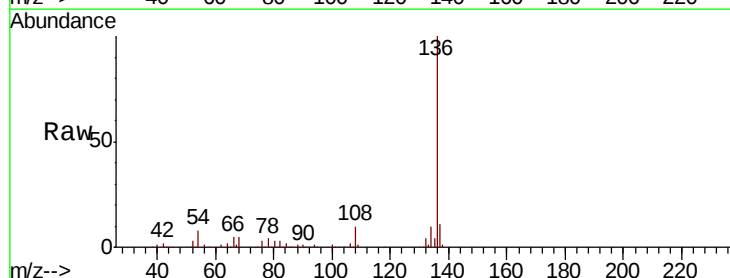
Ion Ratio Lower Upper

136 100

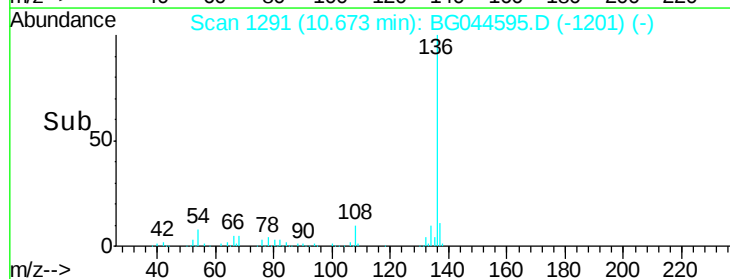
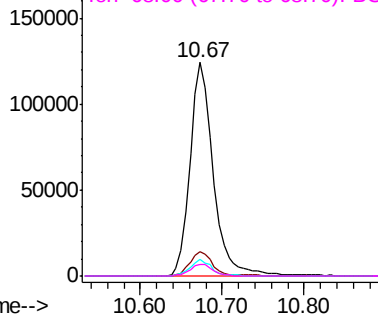
137 11.4 8.8 13.2

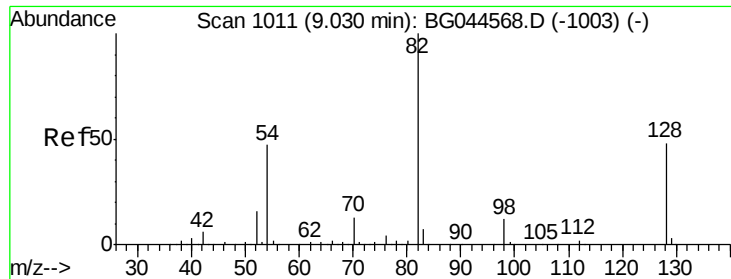
54 7.5 5.7 8.5

68 5.1 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

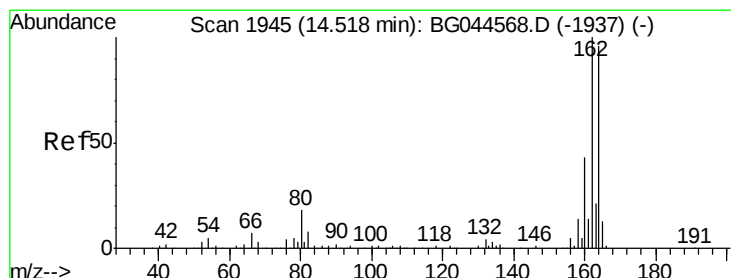
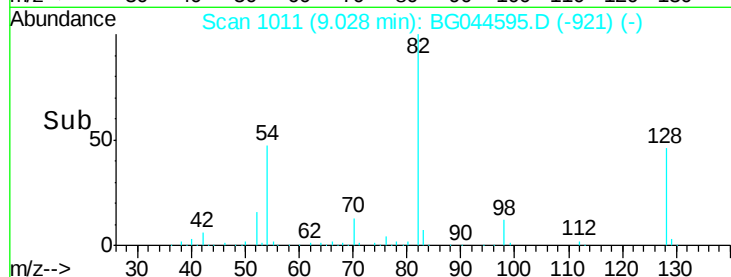
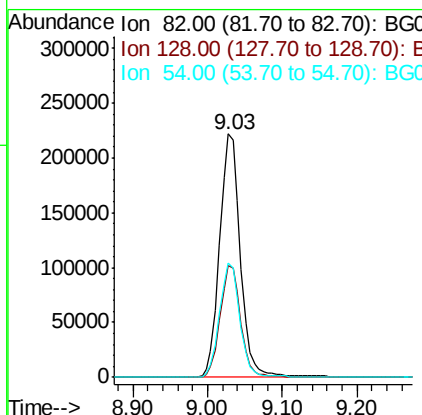
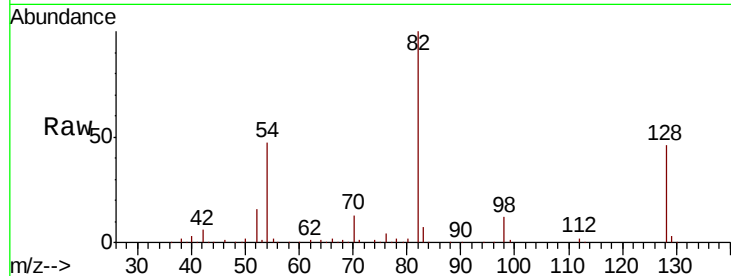




#23
Nitrobenzene-d5
Concen: 89.905 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

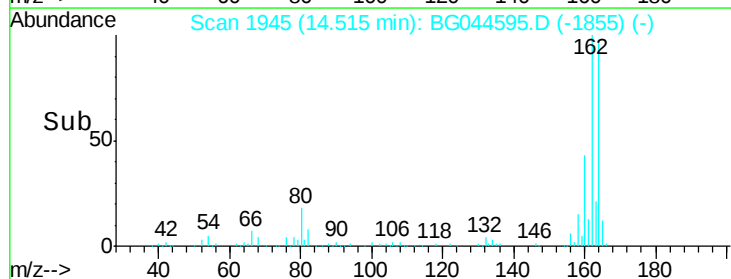
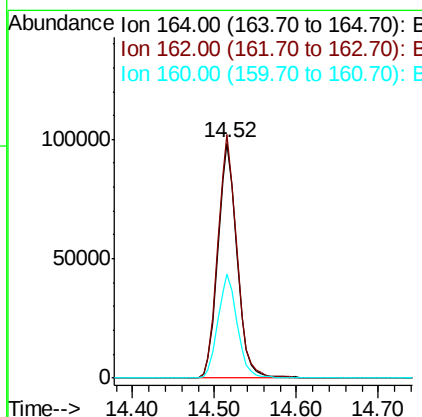
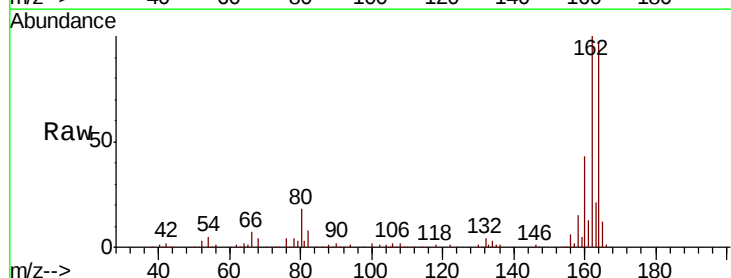
Instrument :
BNA_G
ClientSampleId :
PB127049TB

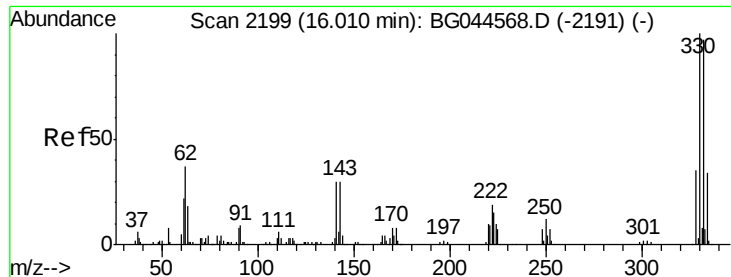
Tot Ion	82	Resp	430047
Ion Ratio	Lower	Upper	
82	100		
128	46.0	38.1	57.1
54	47.1	37.5	56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

Tgt Ion	164	Resp	160487
Ion Ratio	Lower	Upper	
164	100		
162	103.6	83.6	125.4
160	44.4	36.2	54.4

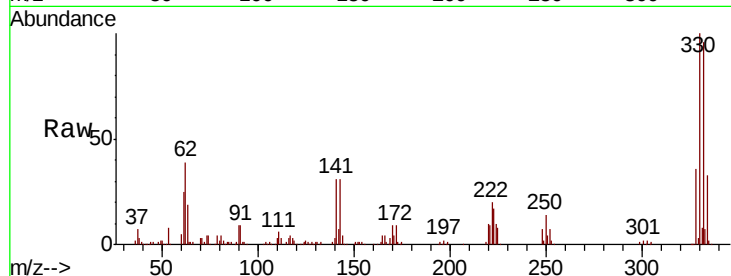




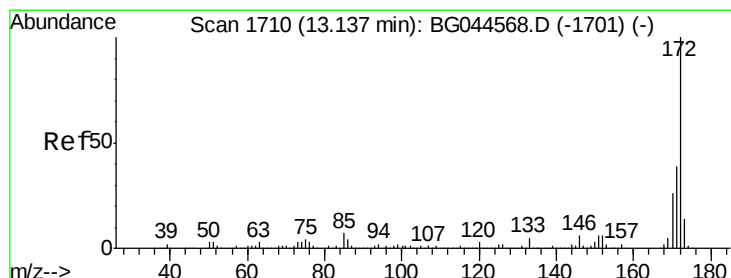
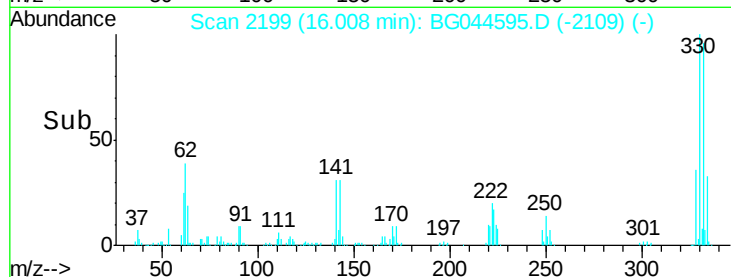
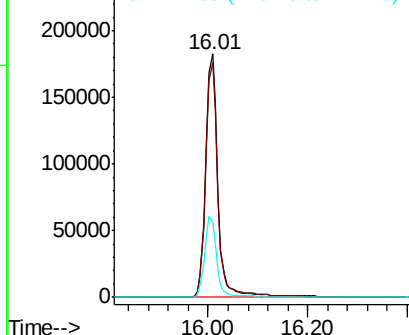
#42
 2,4,6-Tribromophenol
 Concen: 139.071 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG044595.D
 Acq: 26 Feb 2020 3:11

Instrument :
 BNA_G
 ClientSampleId :
 PB127049TB

Tot Ion:330 Resp: 316466
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.0
 141 32.4 26.1 39.1

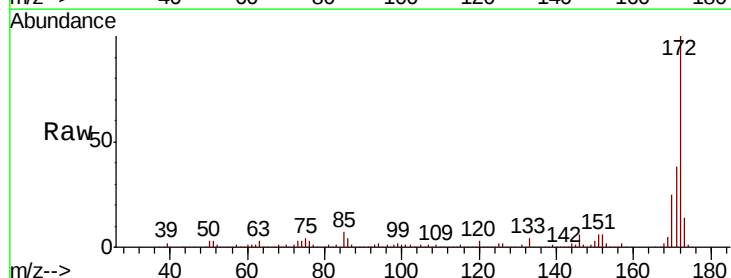


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

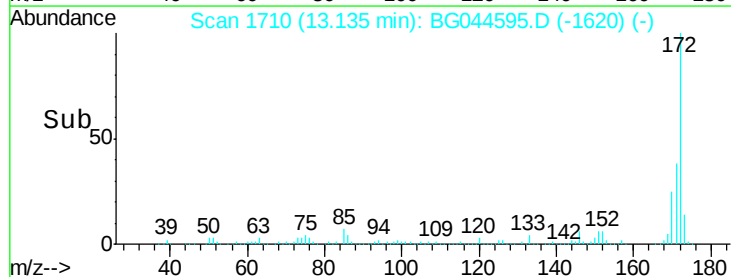
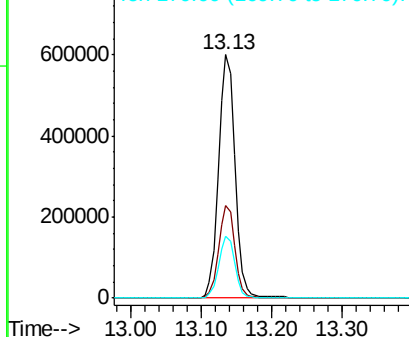


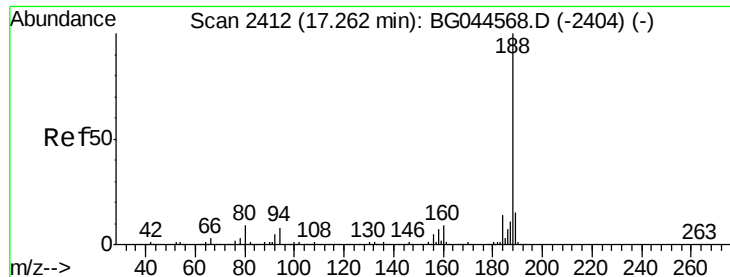
#45
 2-Fluorobiphenyl
 Concen: 87.108 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044595.D
 Acq: 26 Feb 2020 3:11

Tgt Ion:172 Resp: 976244
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.3 46.9
 170 25.4 21.0 31.4



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

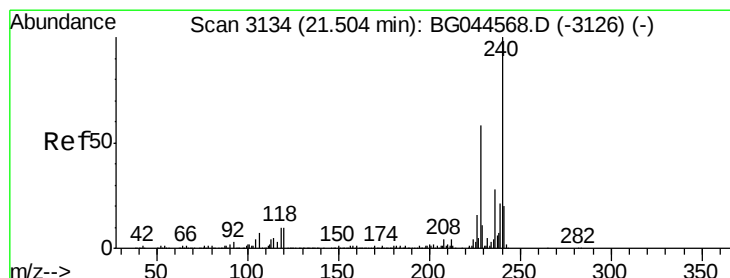
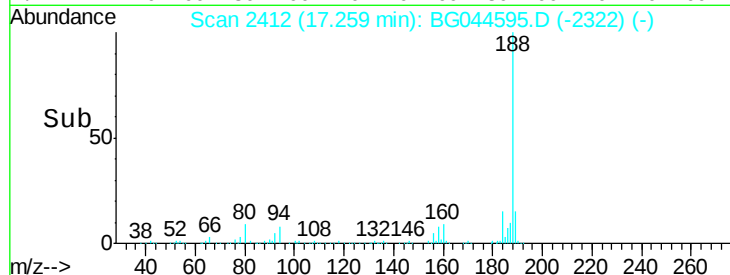
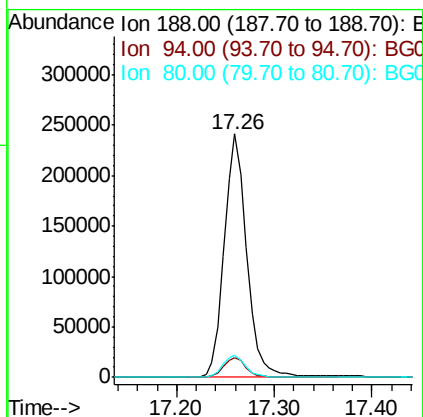
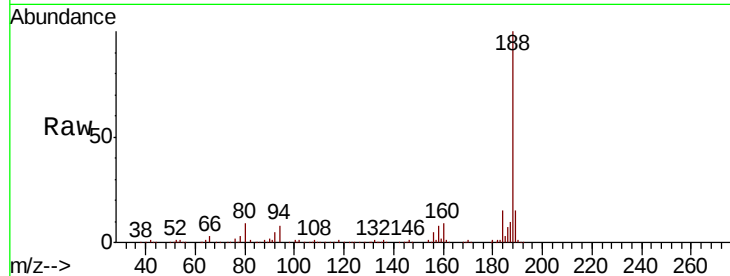




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

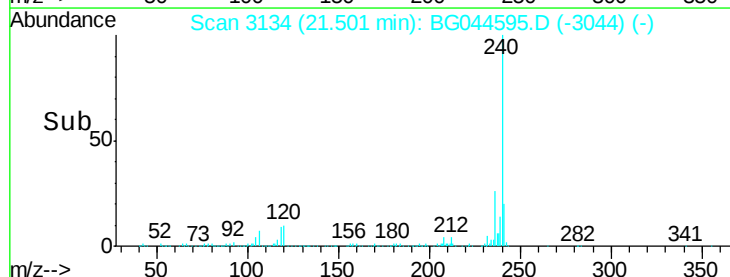
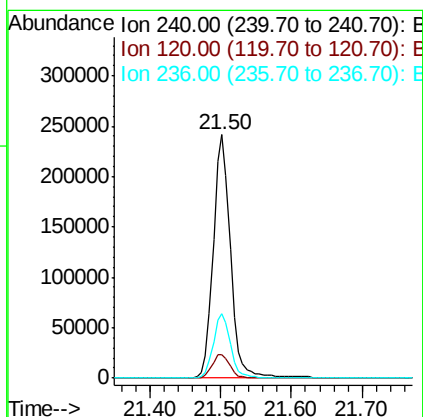
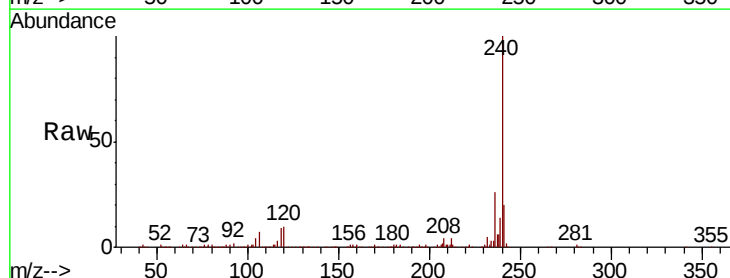
Instrument :
BNA_G
ClientSampleId :
PB127049TB

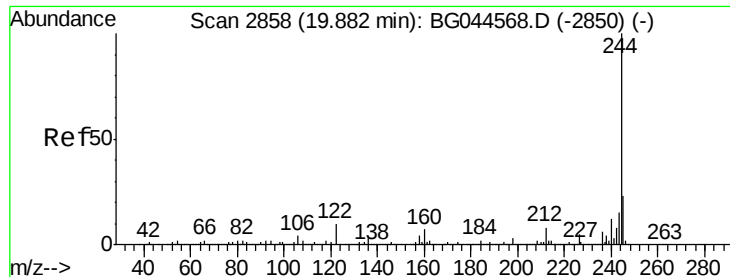
Tot Ion:188 Resp: 388751
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

Tgt Ion:240 Resp: 411266
Ion Ratio Lower Upper
240 100
120 9.6 8.3 12.5
236 26.3 22.3 33.5





#79

Terphenyl-d14

Concen: 85.080 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

Instrument :

BNA_G

ClientSampleId :

PB127049TB

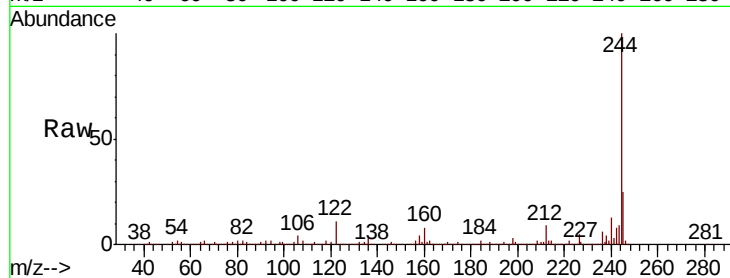
Tot Ion:244 Resp: 1848360

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

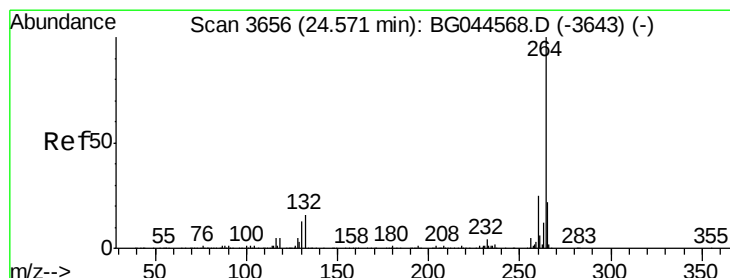
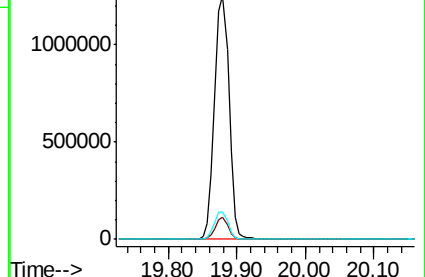
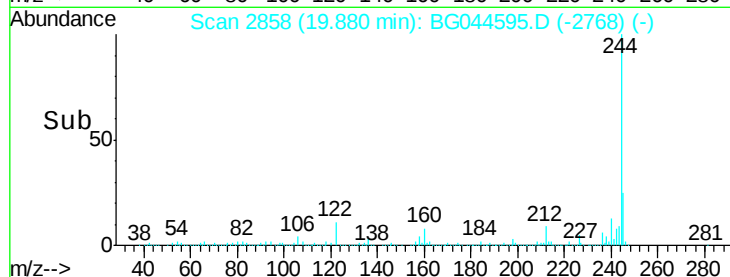
122 11.5 8.2 12.4



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# 3656

Delta R.T. -0.00 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

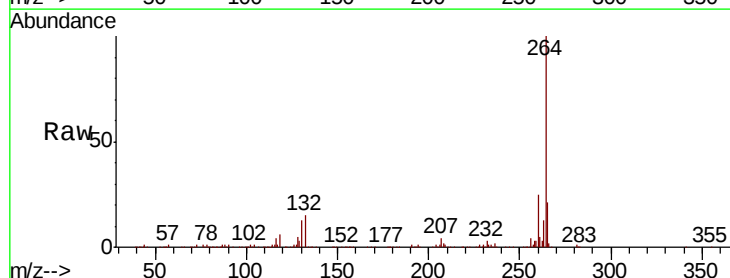
Tgt Ion:264 Resp: 422900

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 21.4 17.8 26.8



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

