

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044814.D
 Acq On : 16 Mar 2020 15:40
 Operator : CG/JU
 Sample : PB127559BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BL

Quant Time: Mar 16 18:13:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	89573	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	348684	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	238340	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	588497	20.00	ng	0.00
76) Chrysene-d12	21.69	240	542946	20.00	ng	0.00
87) Perylene-d12	24.91	264	607875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	672267	116.83	ng	0.00
7) Phenol-d6	7.20	99	930829	111.34	ng	0.00
23) Nitrobenzene-d5	9.21	82	613675	77.23	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	409027	131.07	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1285915	77.26	ng	0.00
79) Terphenyl-d14	20.04	244	2248312	77.46	ng	0.00

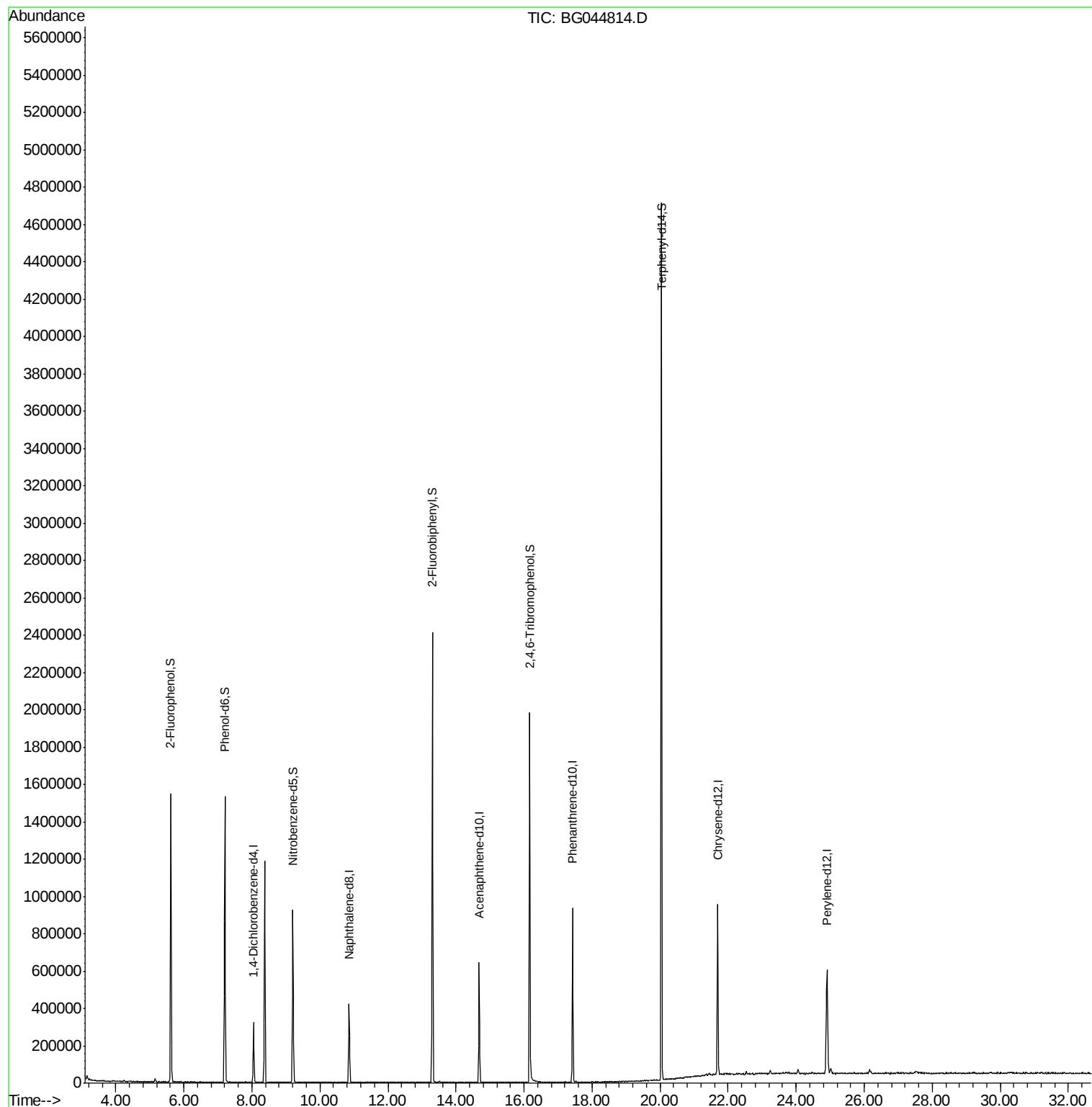
Target Compounds Qvalue

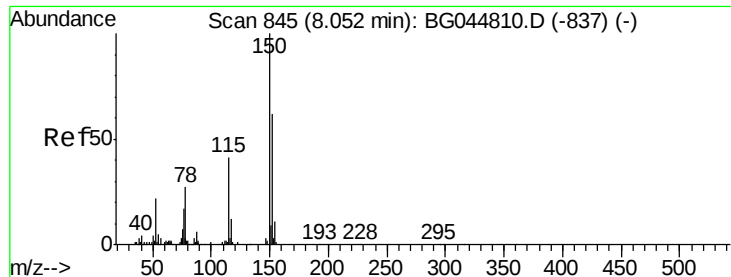
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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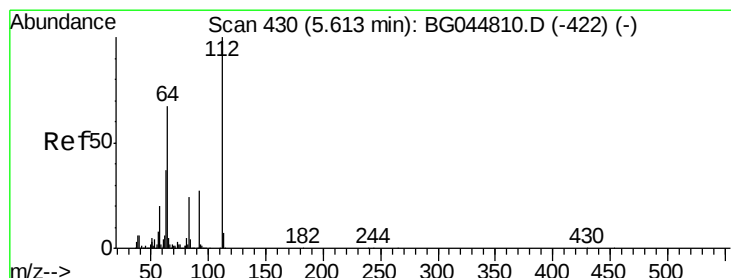
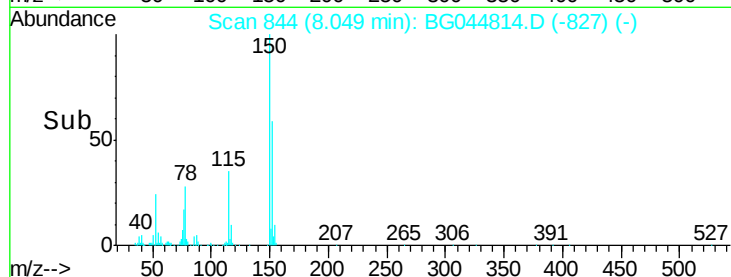
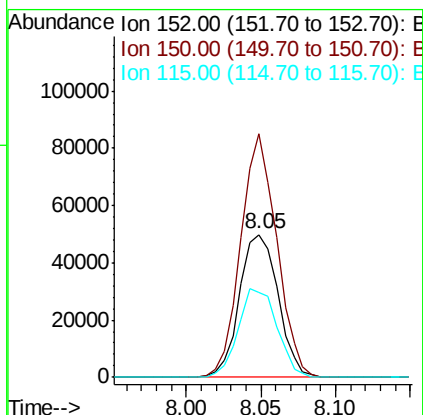
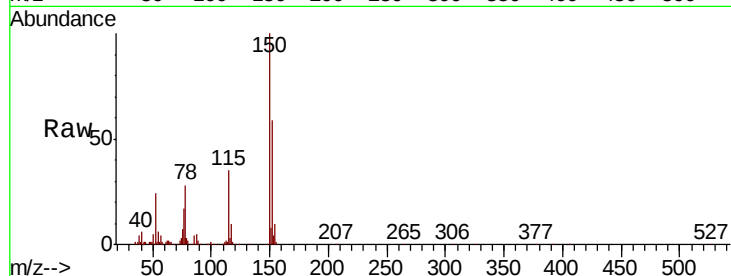


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BG044814.D
 Acq: 16 Mar 2020 15:40

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BL

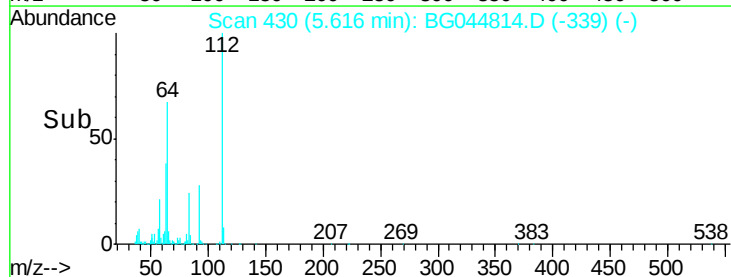
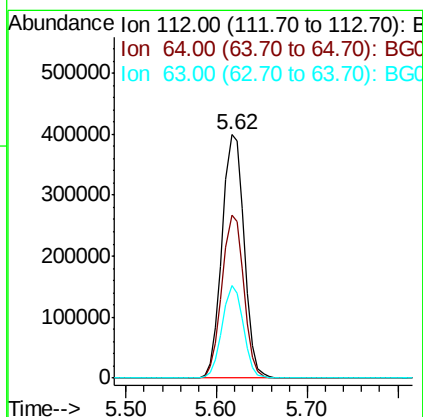
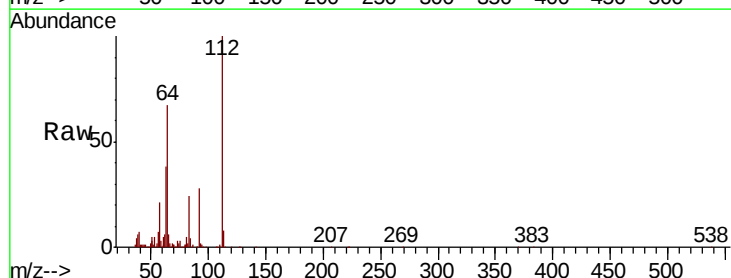
Tot Ion:152 Resp: 89573
 Ion Ratio Lower Upper
 152 100
 150 170.8 128.8 193.2
 115 59.8 52.6 79.0

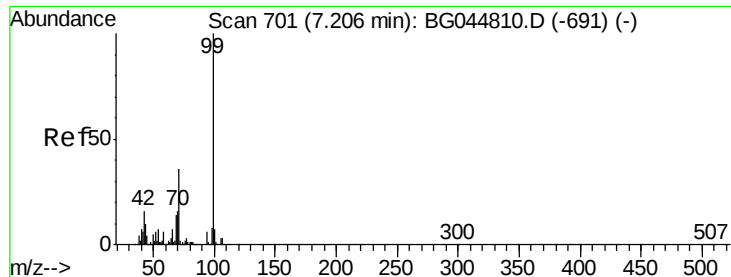


#5

2-Fluorophenol
 Concen: 116.834 ng
 RT: 5.62 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BG044814.D
 Acq: 16 Mar 2020 15:40

Tgt Ion:112 Resp: 672267
 Ion Ratio Lower Upper
 112 100
 64 66.9 53.4 80.2
 63 37.9 29.4 44.2





#7

Phenol-d6

Concen: 111.340 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044814.D

Acq: 16 Mar 2020 15:40

Instrument :

BNA_G

ClientSampleId :

PB127559BL

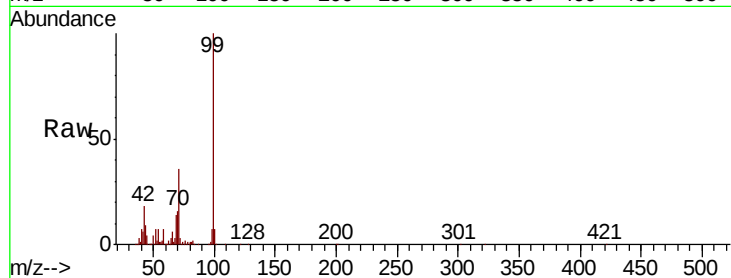
Tot Ion: 99 Resp: 930829

Ion Ratio Lower Upper

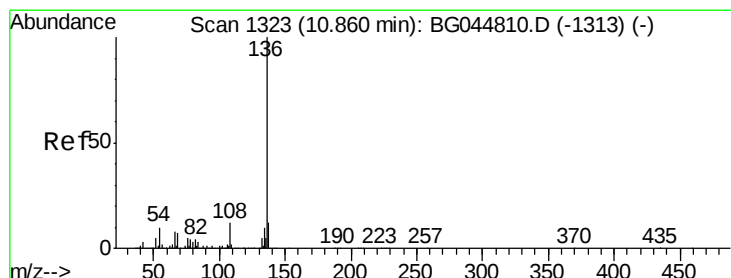
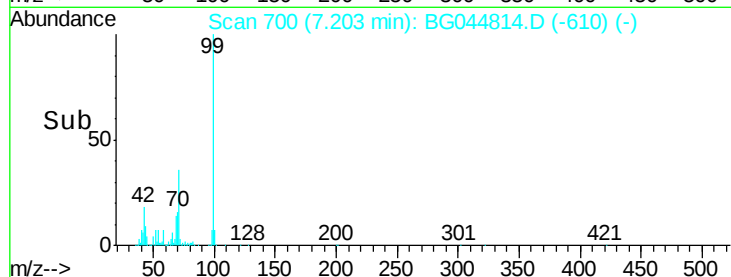
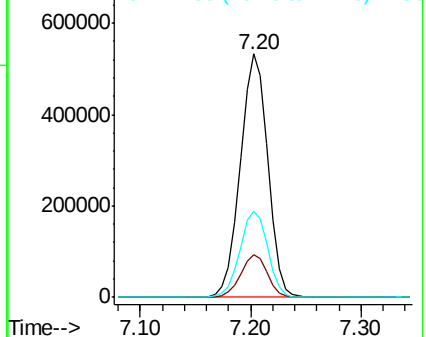
99 100

42 17.7 12.6 19.0

71 35.6 29.0 43.4



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: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG044814.D

Acq: 16 Mar 2020 15:40

Tgt Ion: 136 Resp: 348684

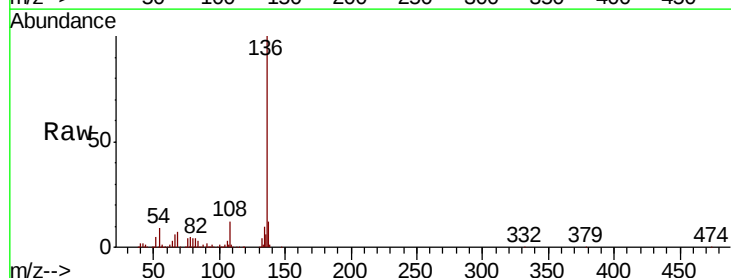
Ion Ratio Lower Upper

136 100

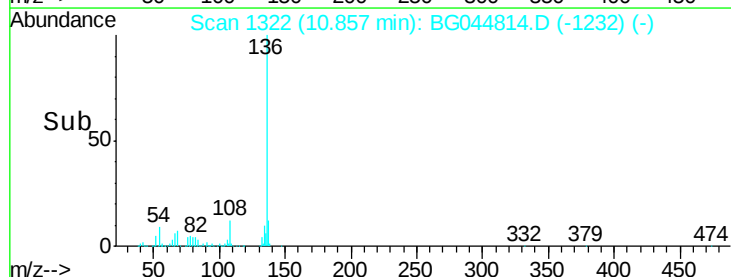
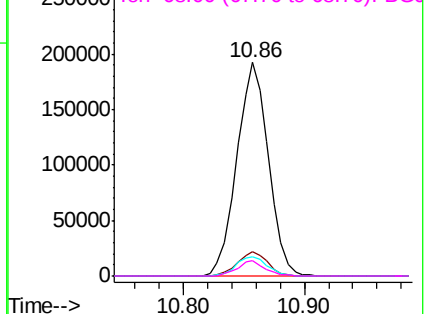
137 11.6 9.8 14.6

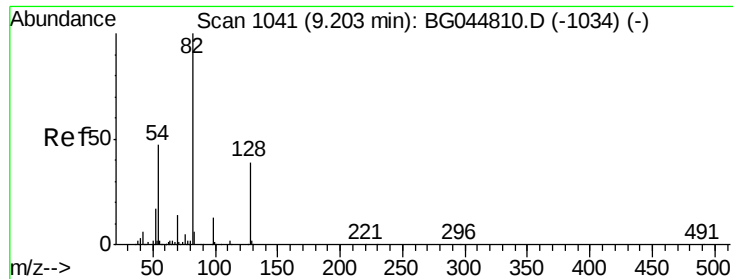
54 9.1 7.9 11.9

68 7.1 5.4 8.0



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

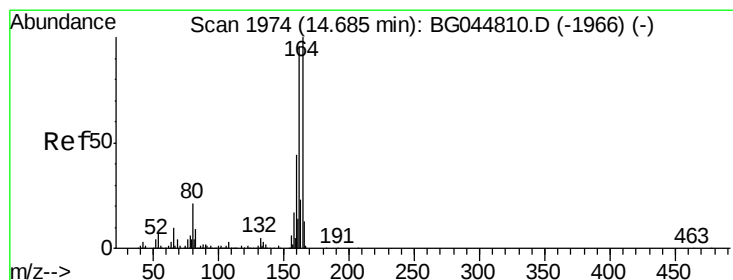
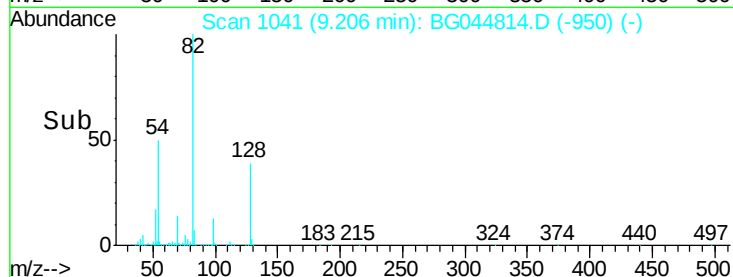
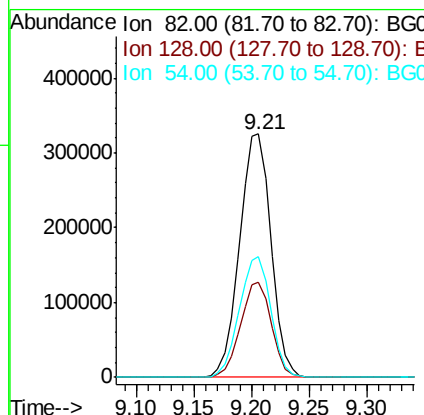
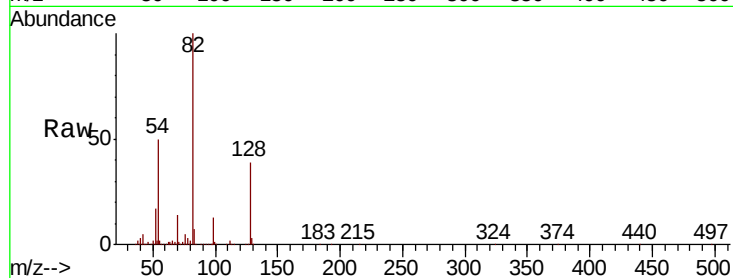




#23
Nitrobenzene-d5
Concen: 77.230 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG044814.D
Acq: 16 Mar 2020 15:40

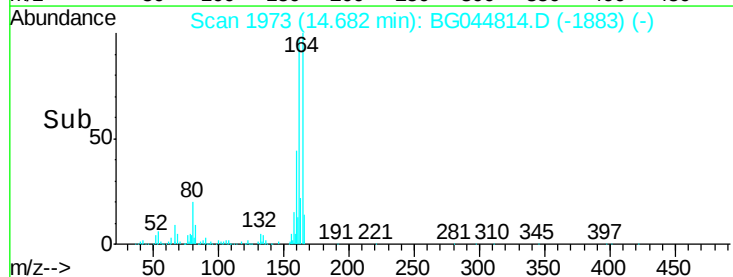
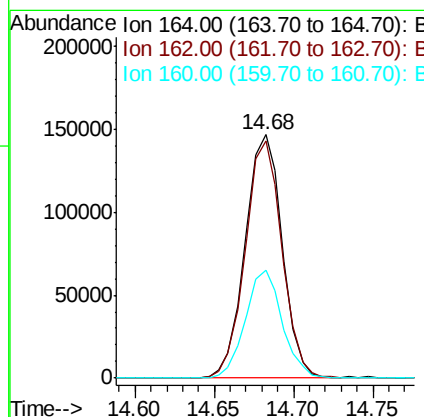
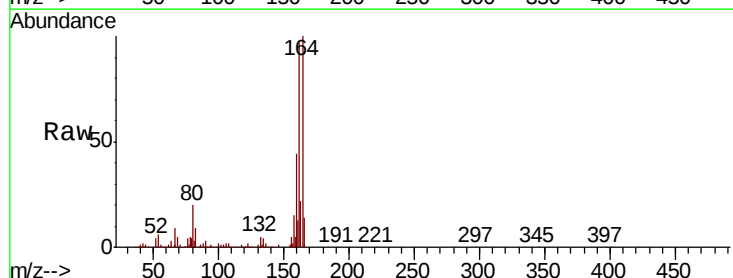
Instrument :
BNA_G
ClientSampleId :
PB127559BL

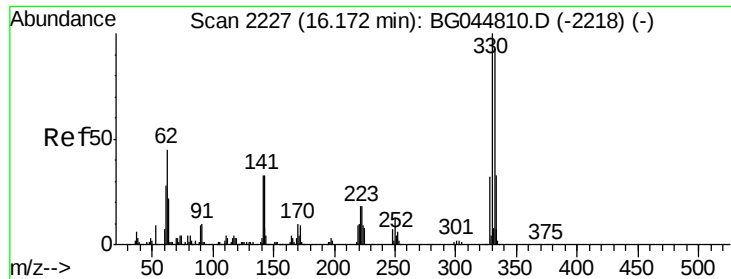
Tot Ion	82	Resp	613675
Ion Ratio	Lower	Upper	
82	100		
128	39.2	30.6	46.0
54	49.8	37.1	55.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG044814.D
Acq: 16 Mar 2020 15:40

Tgt Ion	164	Resp	238340
Ion Ratio	Lower	Upper	
164	100		
162	97.5	76.7	115.1
160	44.4	35.0	52.4

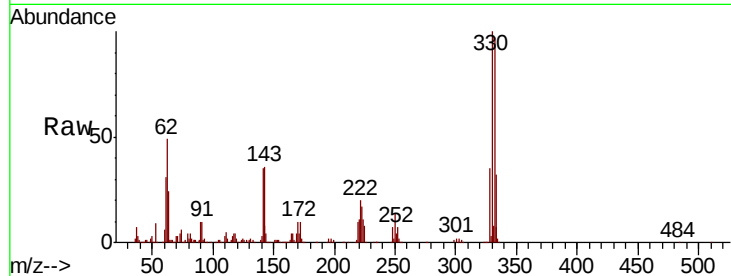




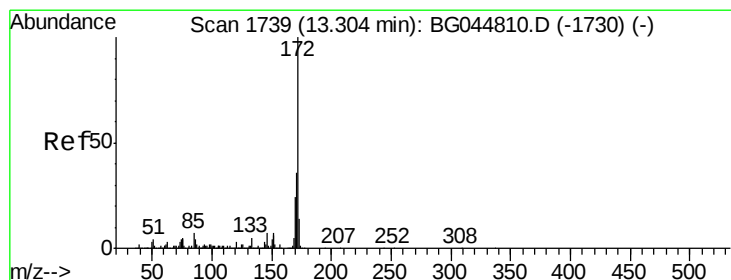
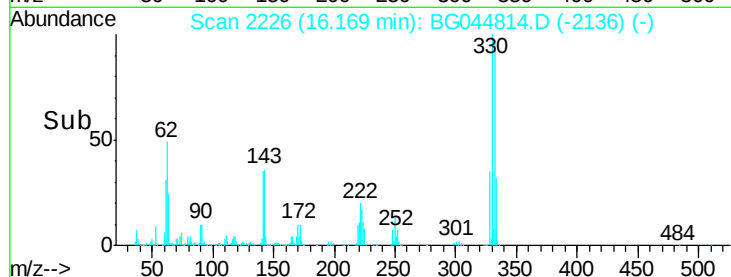
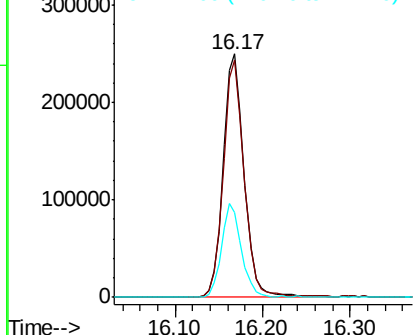
#42
 2,4,6-Tribromophenol
 Concen: 131.069 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG044814.D
 Acq: 16 Mar 2020 15:40

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BL

Tot Ion:330 Resp: 409027
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.8 116.6
 141 36.5 29.5 44.3

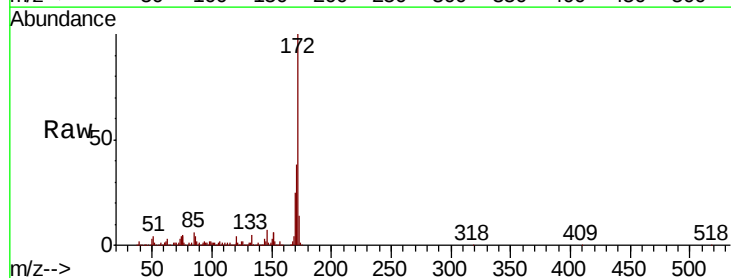


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

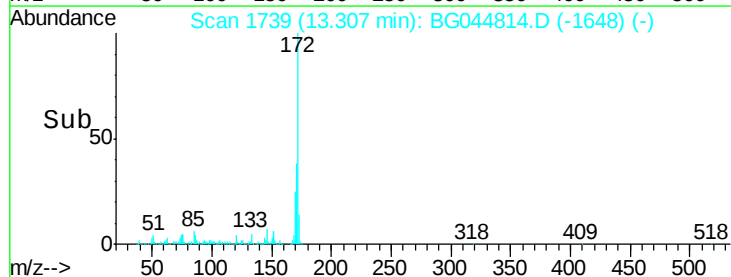
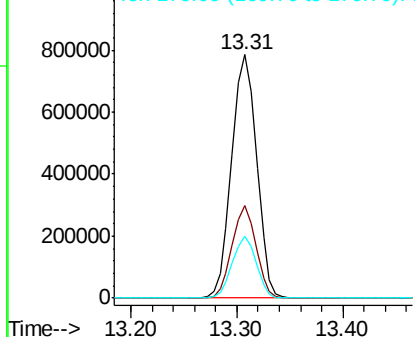


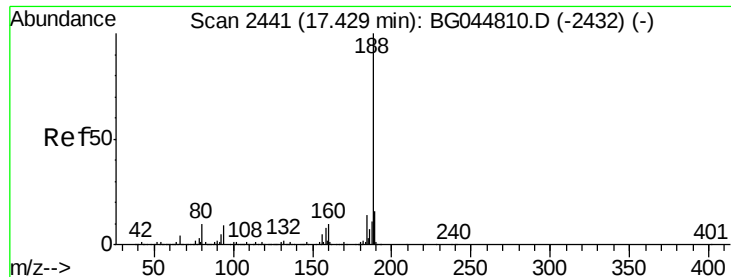
#45
 2-Fluorobiphenyl
 Concen: 77.262 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. 0.00 min
 Lab File: BG044814.D
 Acq: 16 Mar 2020 15:40

Tgt Ion:172 Resp: 1285915
 Ion Ratio Lower Upper
 172 100
 171 38.0 28.7 43.1
 170 25.3 19.0 28.6



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: 17.43 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG044814.D

Acq: 16 Mar 2020 15:40

Instrument :

BNA_G

ClientSampleId :

PB127559BL

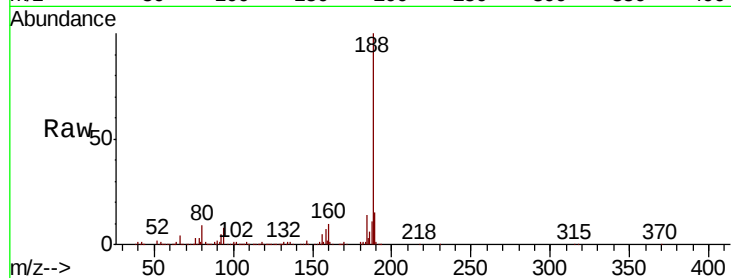
Tot Ion:188 Resp: 588497

Ion Ratio Lower Upper

188 100

94 8.1 7.3 10.9

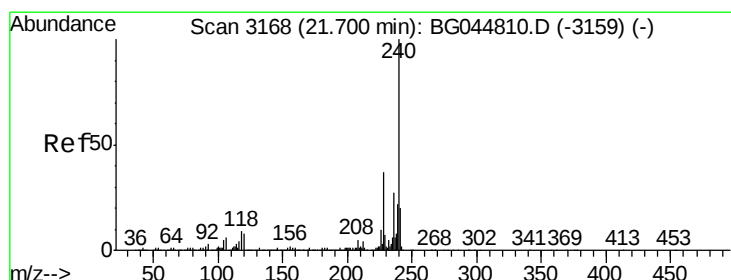
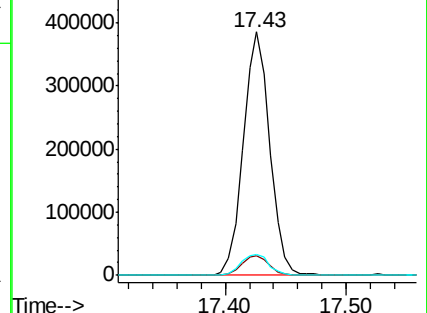
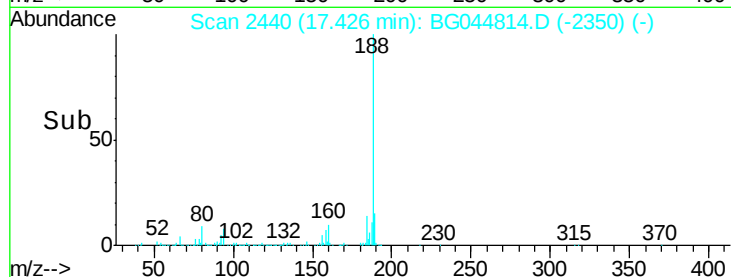
80 8.8 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044814.D

Acq: 16 Mar 2020 15:40

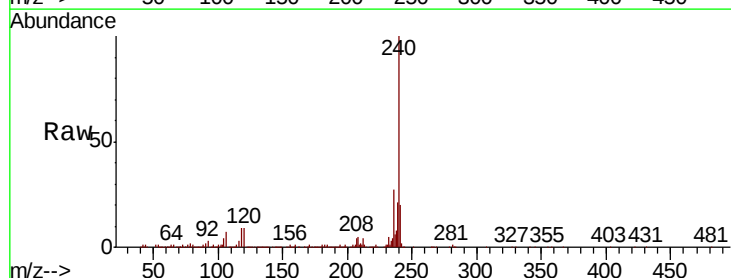
Tgt Ion:240 Resp: 542946

Ion Ratio Lower Upper

240 100

120 8.6 6.7 10.1

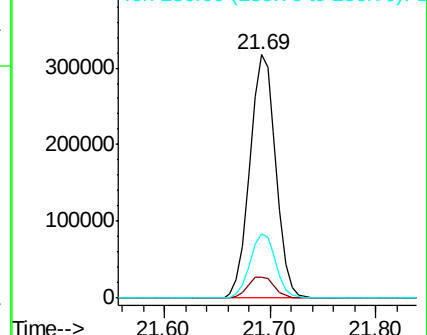
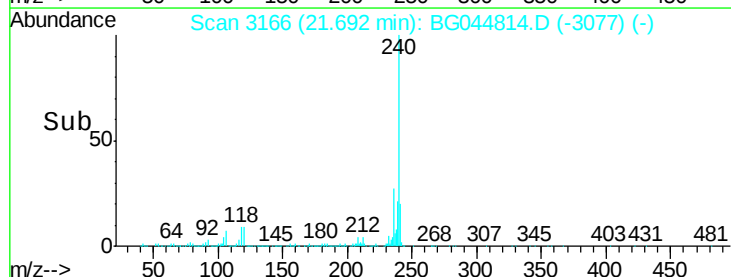
236 26.5 21.5 32.3

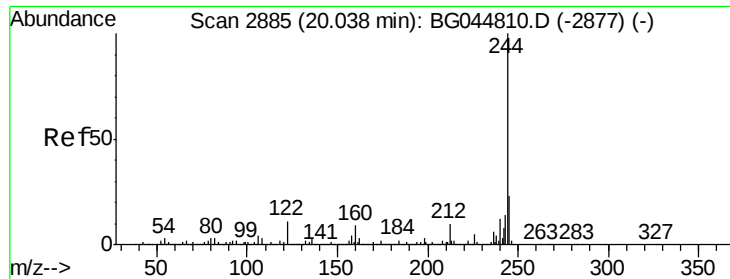


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.458 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG044814.D

Acq: 16 Mar 2020 15:40

Instrument :

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ClientSampleId :

PB127559BL

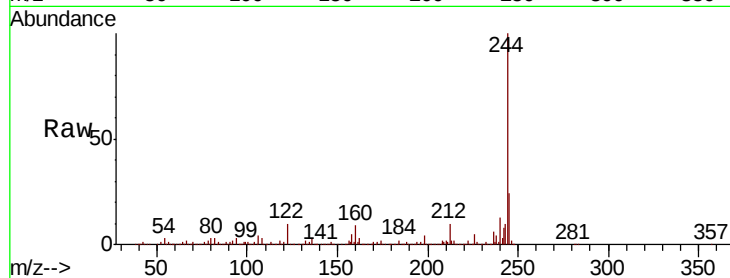
Tot Ion:244 Resp: 2248312

Ion Ratio Lower Upper

244 100

212 9.9 7.7 11.5

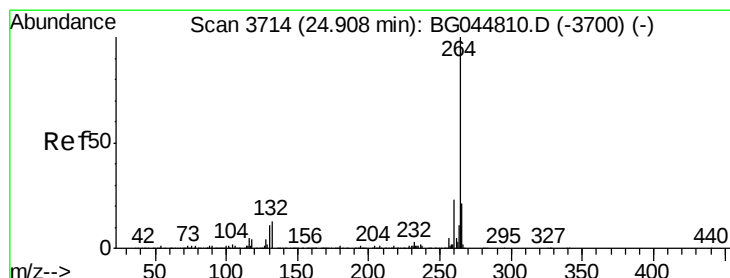
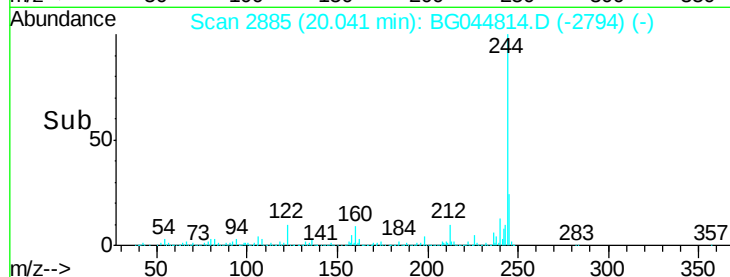
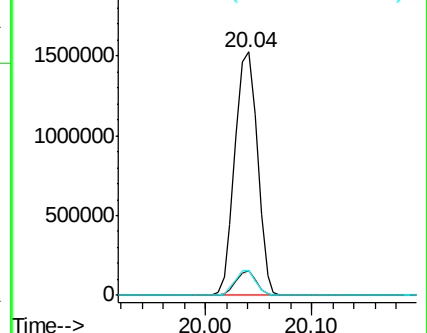
122 10.1 8.6 12.8



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: 24.91 min Scan# 3713

Delta R.T. -0.00 min

Lab File: BG044814.D

Acq: 16 Mar 2020 15:40

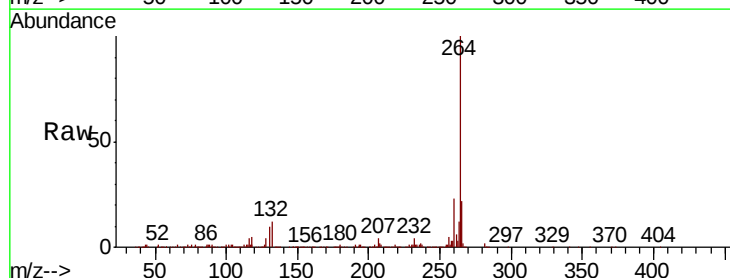
Tgt Ion:264 Resp: 607875

Ion Ratio Lower Upper

264 100

260 23.0 18.1 27.1

265 22.2 17.1 25.7



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

