

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041586.D
 Acq On : 3 Jul 2019 12:01
 Operator : HP/JU
 Sample : K3160-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-062819-B

Quant Time: Jul 03 14:33:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	26111	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	86435	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	59697	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	167665	20.00	ng	0.00
76) Chrysene-d12	21.70	240	219047	20.00	ng	0.00
87) Perylene-d12	24.98	264	233223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	160280	109.44	ng	0.00
7) Phenol-d6	7.19	99	191045	92.66	ng	0.00
23) Nitrobenzene-d5	9.21	82	182536	88.08	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	125401	123.03	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	413731	88.94	ng	0.00
79) Terphenyl-d14	20.03	244	1001452	97.16	ng	0.00

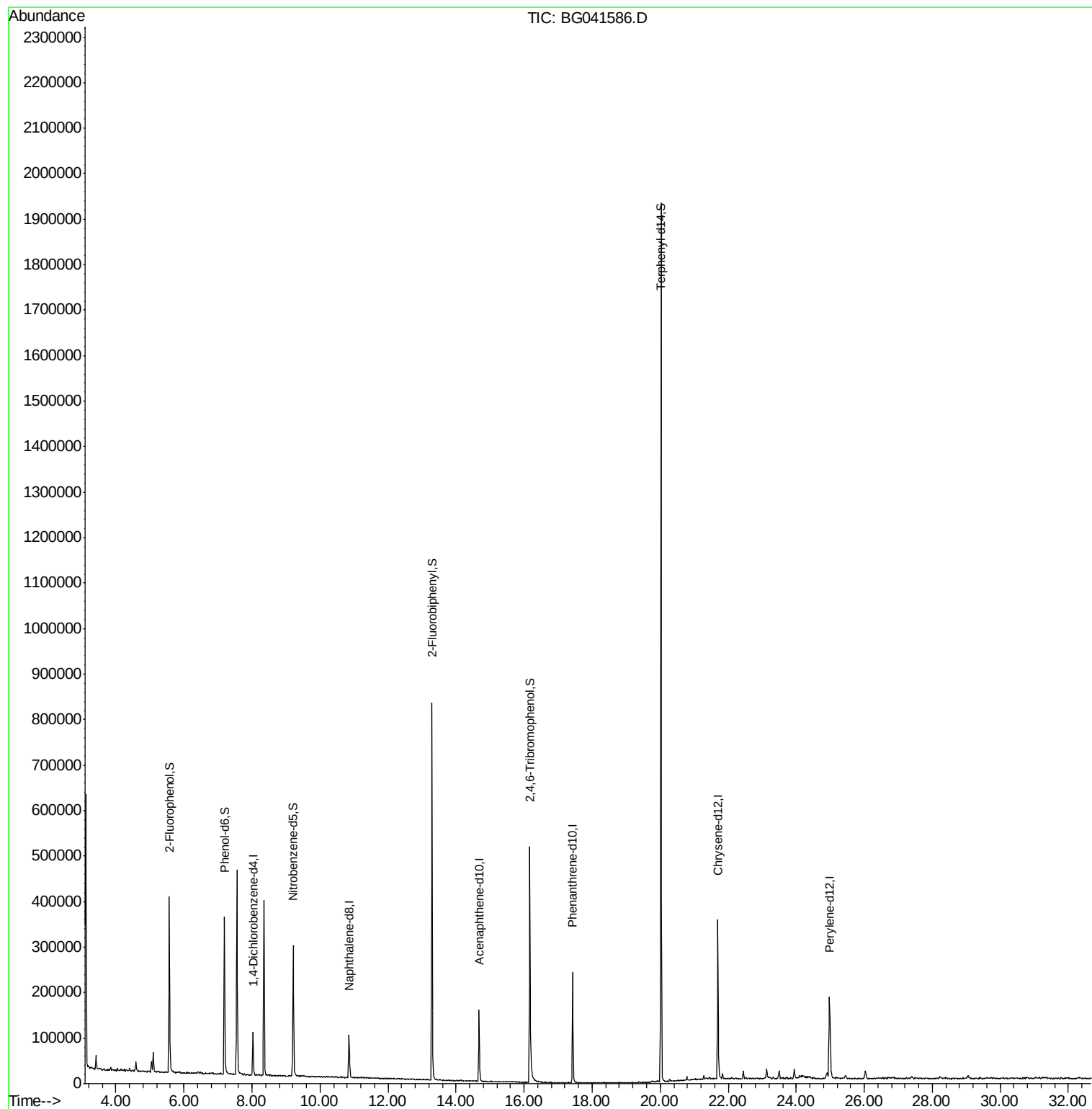
Target Compounds Qvalue

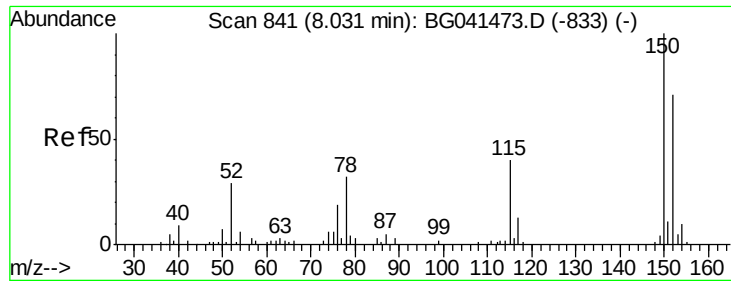
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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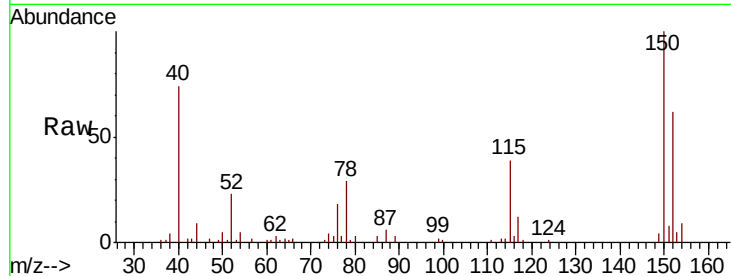


#1

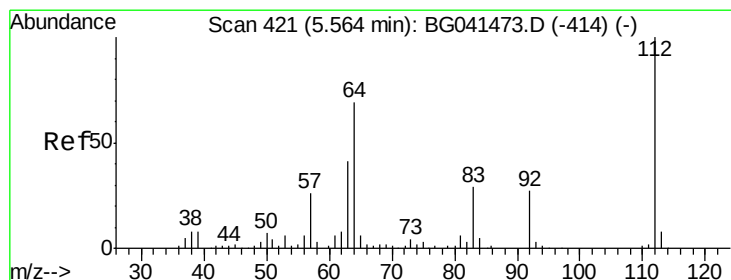
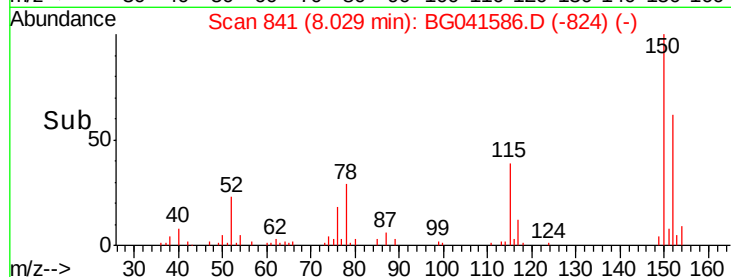
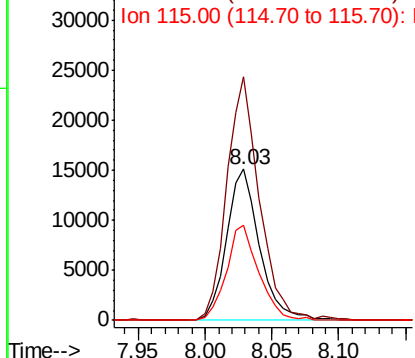
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041586.D
Acq: 3 Jul 2019 12:01

Instrument :
BNA_G
ClientSampleId :
EO-01-062819-B

Tot Ion:152 Resp: 26111
Ion Ratio Lower Upper
152 100
150 161.0 112.4 168.6
115 62.9 44.6 66.8



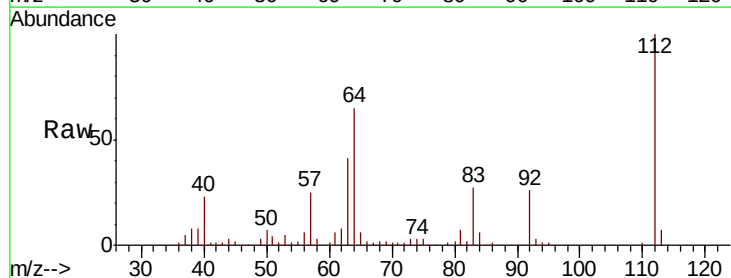
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



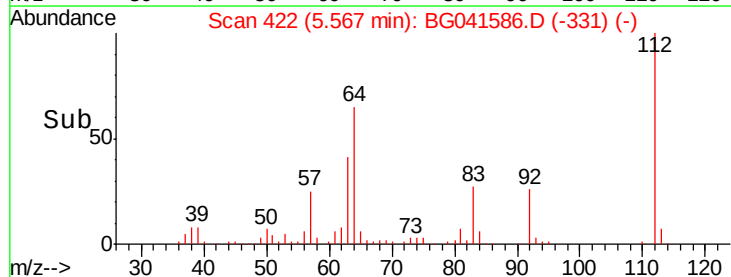
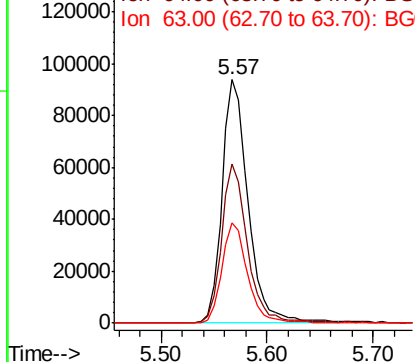
#5

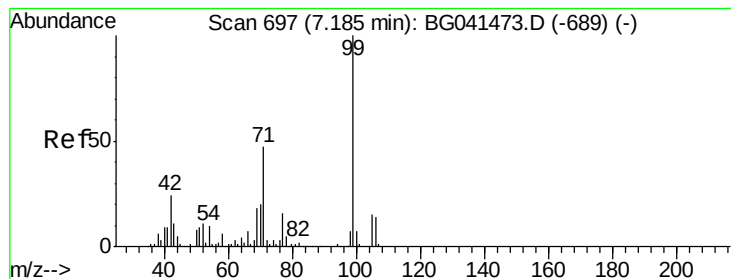
2-Fluorophenol
Concen: 109.439 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041586.D
Acq: 3 Jul 2019 12:01

Tgt Ion:112 Resp: 160280
Ion Ratio Lower Upper
112 100
64 65.4 55.1 82.7
63 41.2 32.4 48.6



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: 92.663 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041586.D

Acq: 3 Jul 2019 12:01

Instrument :

BNA_G

ClientSampleId :

EO-01-062819-B

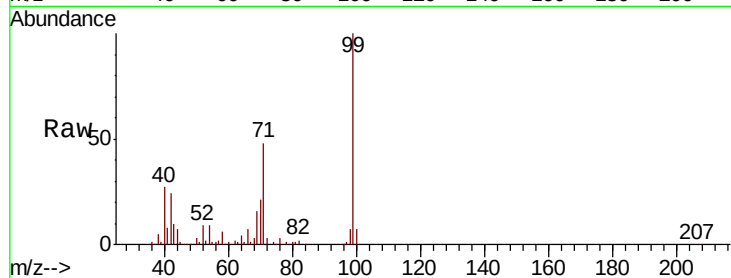
Tot Ion: 99 Resp: 191045

Ion Ratio Lower Upper

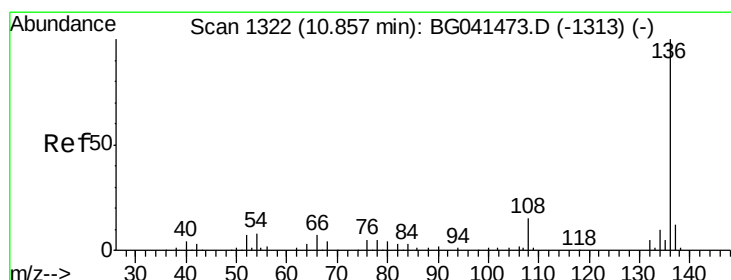
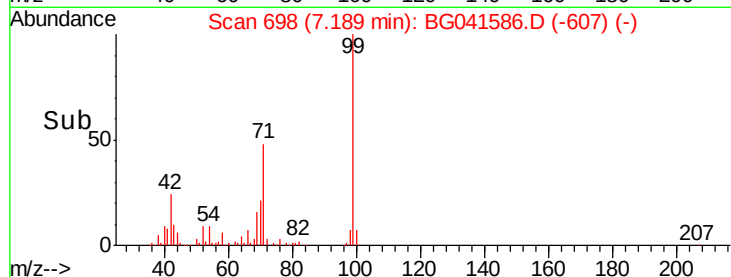
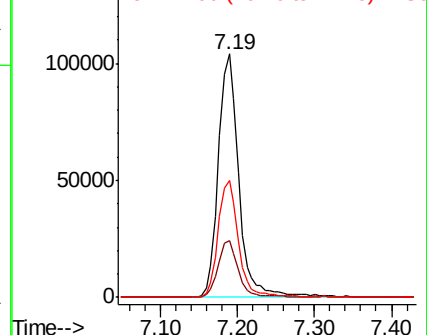
99 100

42 23.6 19.0 28.6

71 48.1 37.4 56.2



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: 10.85 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG041586.D

Acq: 3 Jul 2019 12:01

Tgt Ion: 136 Resp: 86435

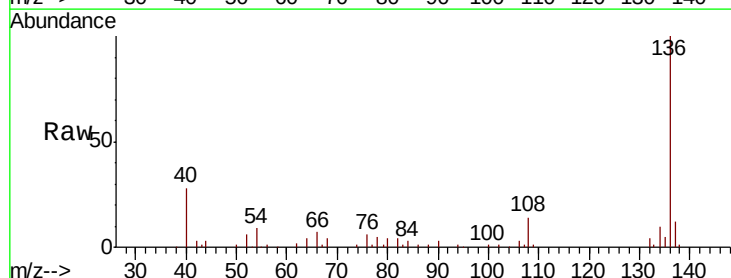
Ion Ratio Lower Upper

136 100

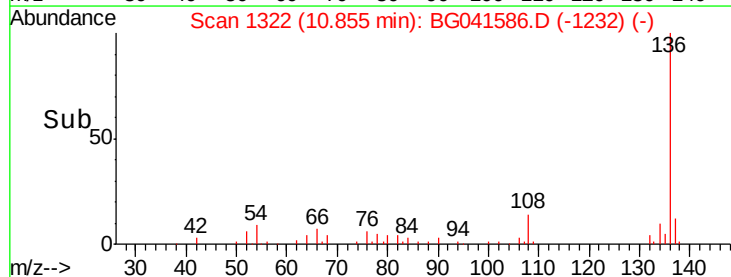
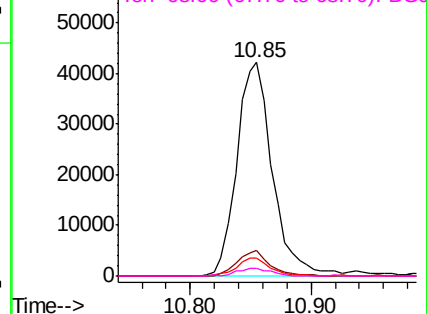
137 12.0 9.3 13.9

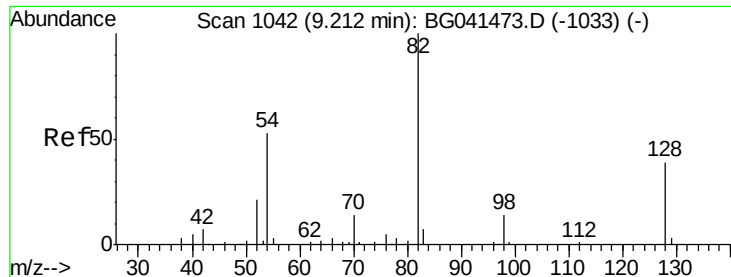
54 8.6 7.1 10.7

68 3.6 3.3 4.9



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

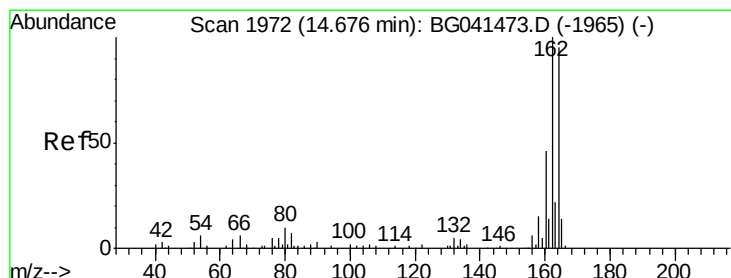
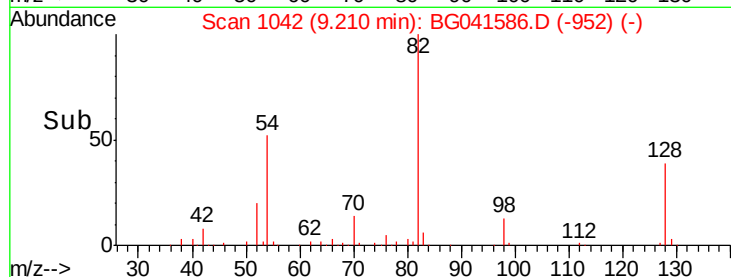
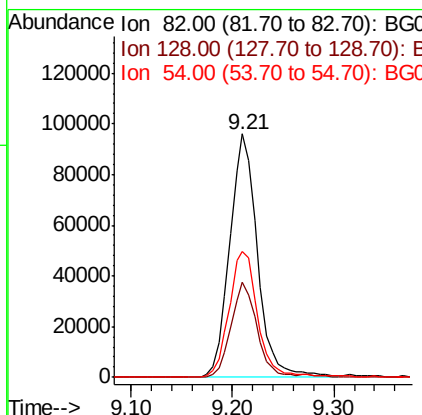
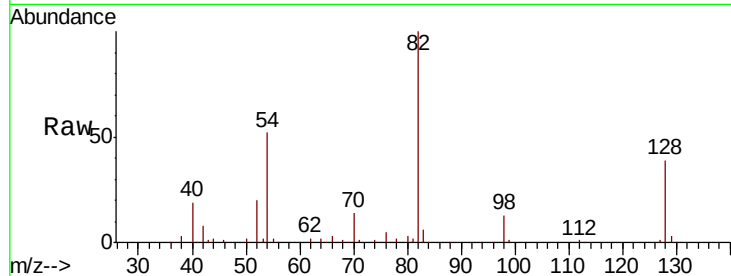




#23
 Nitrobenzene-d5
 Concen: 88.078 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041586.D
 Acq: 3 Jul 2019 12:01

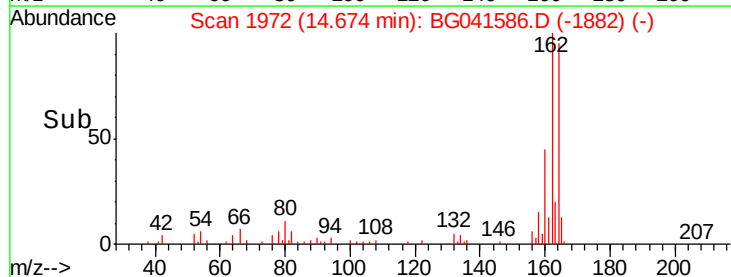
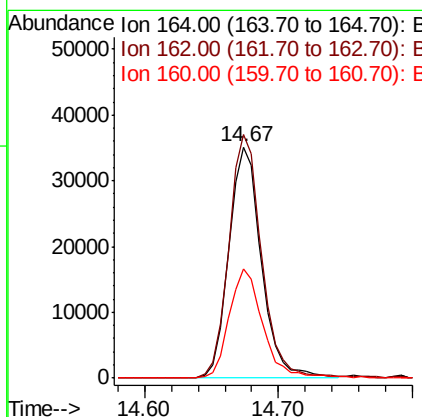
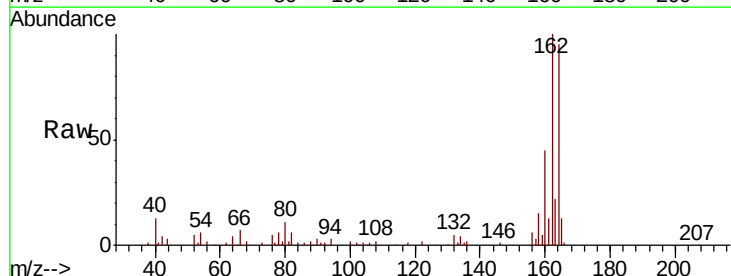
Instrument :
 BNA_G
 ClientSampleId :
 EO-01-062819-B

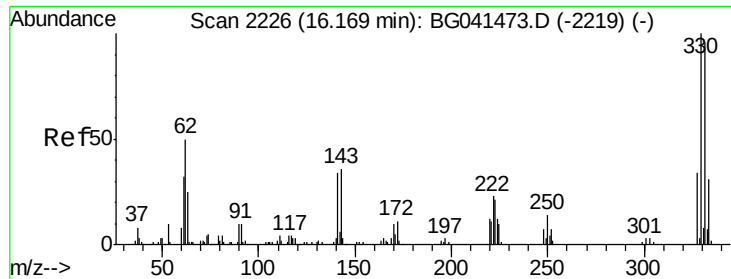
Tot Ion	82	Resp	182536
Ion Ratio	Lower	Upper	
82	100		
128	38.9	30.9	46.3
54	51.6	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041586.D
 Acq: 3 Jul 2019 12:01

Tgt Ion	164	Resp	59697
Ion Ratio	Lower	Upper	
164	100		
162	105.3	84.4	126.6
160	47.1	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 123.028 ng

RT: 16.17 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG041586.D

Acq: 3 Jul 2019 12:01

Instrument :

BNA_G

ClientSampleId :

EO-01-062819-B

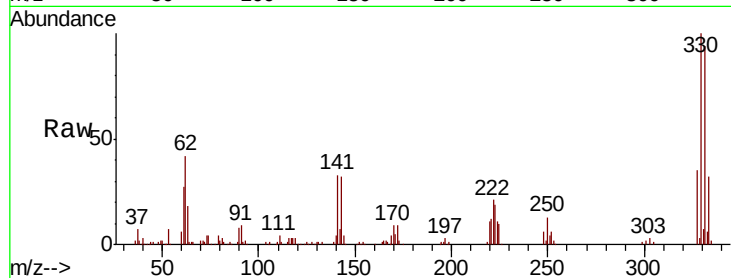
Tot Ion:330 Resp: 125401

Ion Ratio Lower Upper

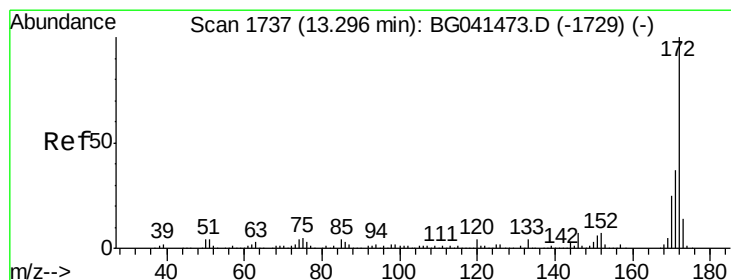
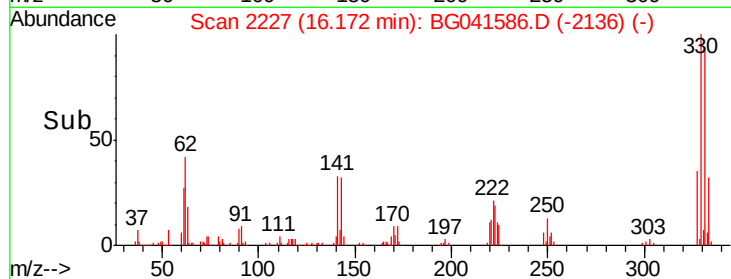
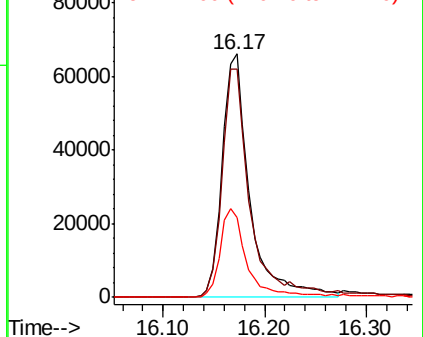
330 100

332 98.8 75.5 113.3

141 35.0 27.8 41.6



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: 88.936 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG041586.D

Acq: 3 Jul 2019 12:01

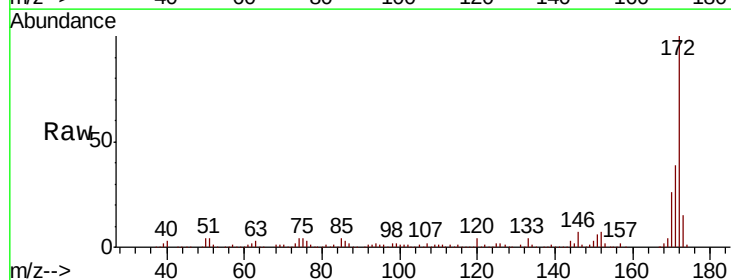
Tgt Ion:172 Resp: 413731

Ion Ratio Lower Upper

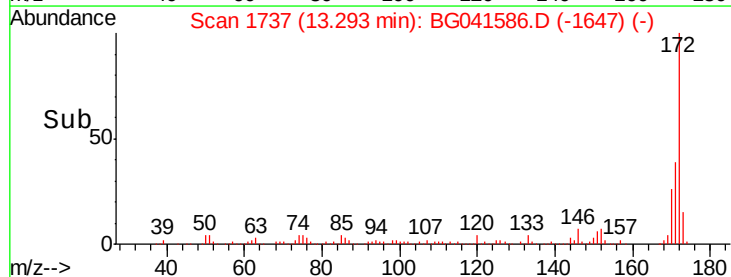
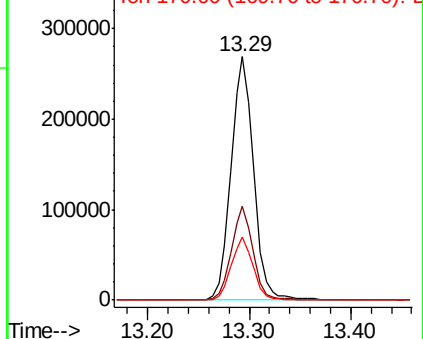
172 100

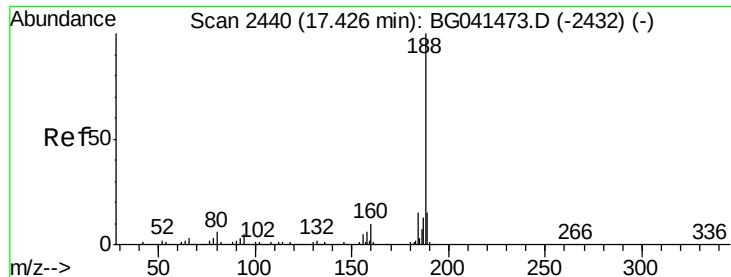
171 38.6 29.6 44.4

170 25.7 20.0 30.0



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: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041586.D

Acq: 3 Jul 2019 12:01

Instrument :

BNA_G

ClientSampleId :

EO-01-062819-B

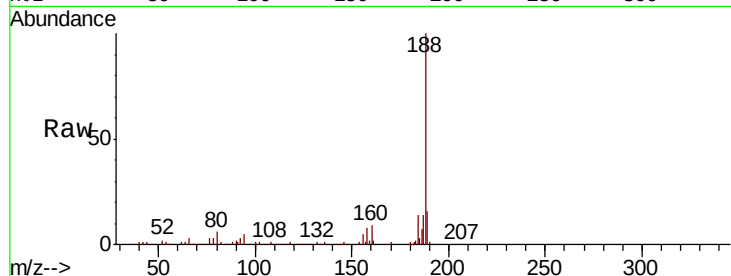
Tot Ion:188 Resp: 167665

Ion Ratio Lower Upper

188 100

94 4.8 3.8 5.8

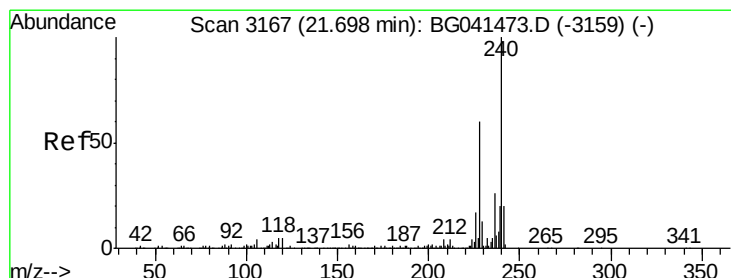
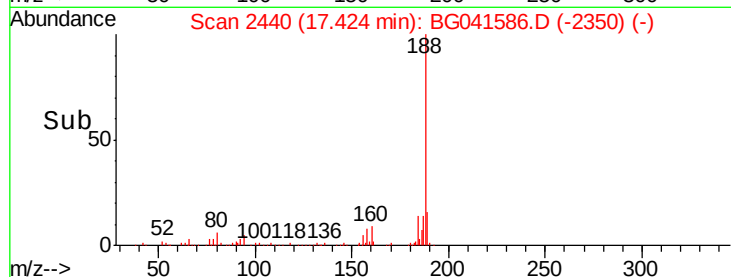
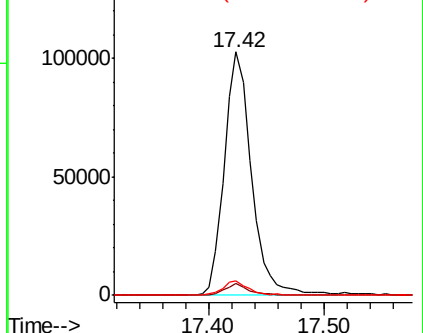
80 6.0 4.8 7.2



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: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041586.D

Acq: 3 Jul 2019 12:01

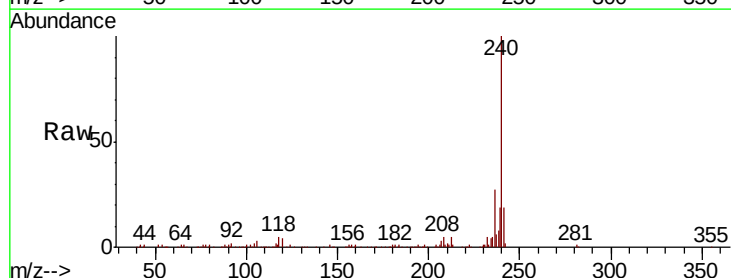
Tgt Ion:240 Resp: 219047

Ion Ratio Lower Upper

240 100

120 4.3 3.7 5.5

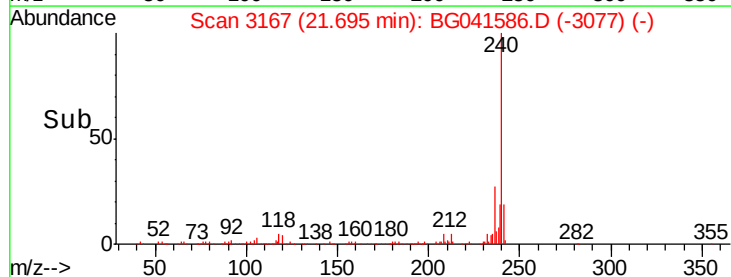
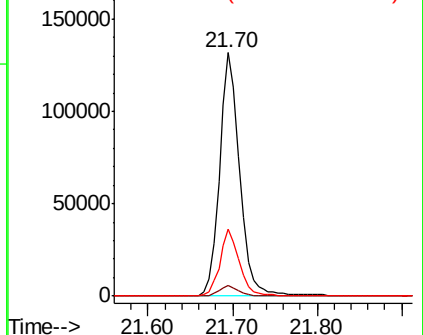
236 27.3 20.8 31.2

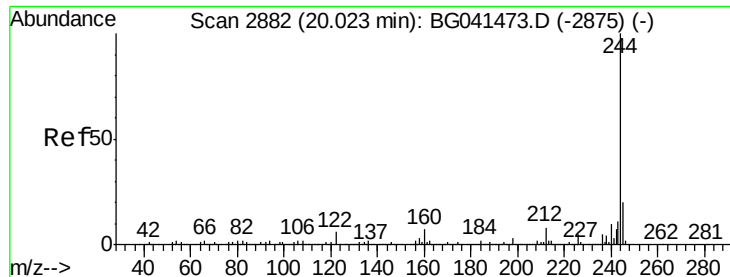


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.156 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041586.D

Acq: 3 Jul 2019 12:01

Instrument :

BNA_G

ClientSampleId :

EO-01-062819-B

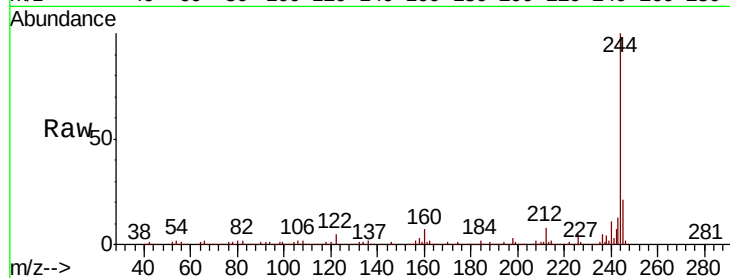
Tot Ion:244 Resp: 1001452

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

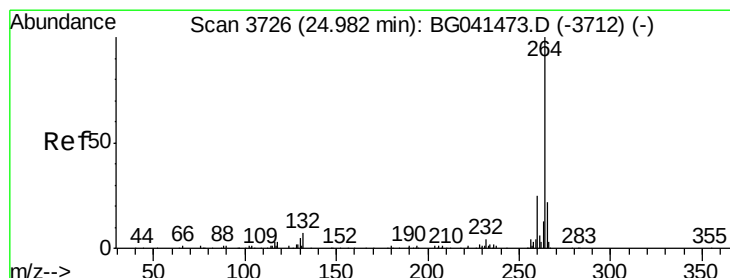
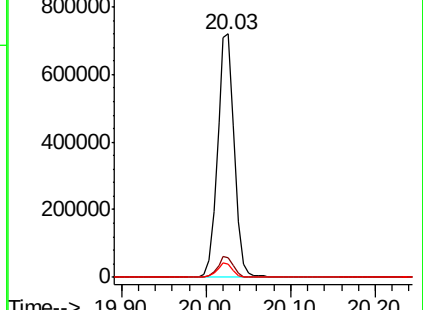
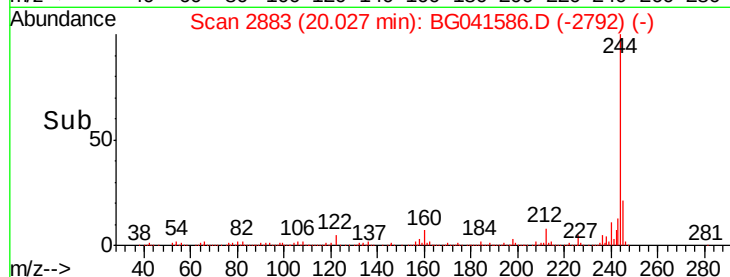
122 5.3 4.8 7.2



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: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG041586.D

Acq: 3 Jul 2019 12:01

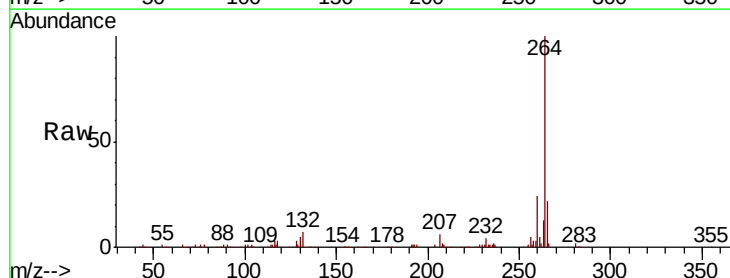
Tgt Ion:264 Resp: 233223

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 22.2 17.4 26.2



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

