

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
 Data File : BG041582.D
 Acq On : 3 Jul 2019 4:25
 Operator : HP/JU
 Sample : K3160-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jul 03 07:06:17 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	25825	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	85164	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	58682	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	159796	20.00	ng	0.00
76) Chrysene-d12	21.70	240	217153	20.00	ng	0.00
87) Perylene-d12	24.98	264	226325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	173903	120.06	ng	0.00
7) Phenol-d6	7.19	99	210561	103.26	ng	0.00
23) Nitrobenzene-d5	9.21	82	192790	94.41	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	128892	128.64	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	443087	96.89	ng	0.00
79) Terphenyl-d14	20.03	244	1037074	101.49	ng	0.00

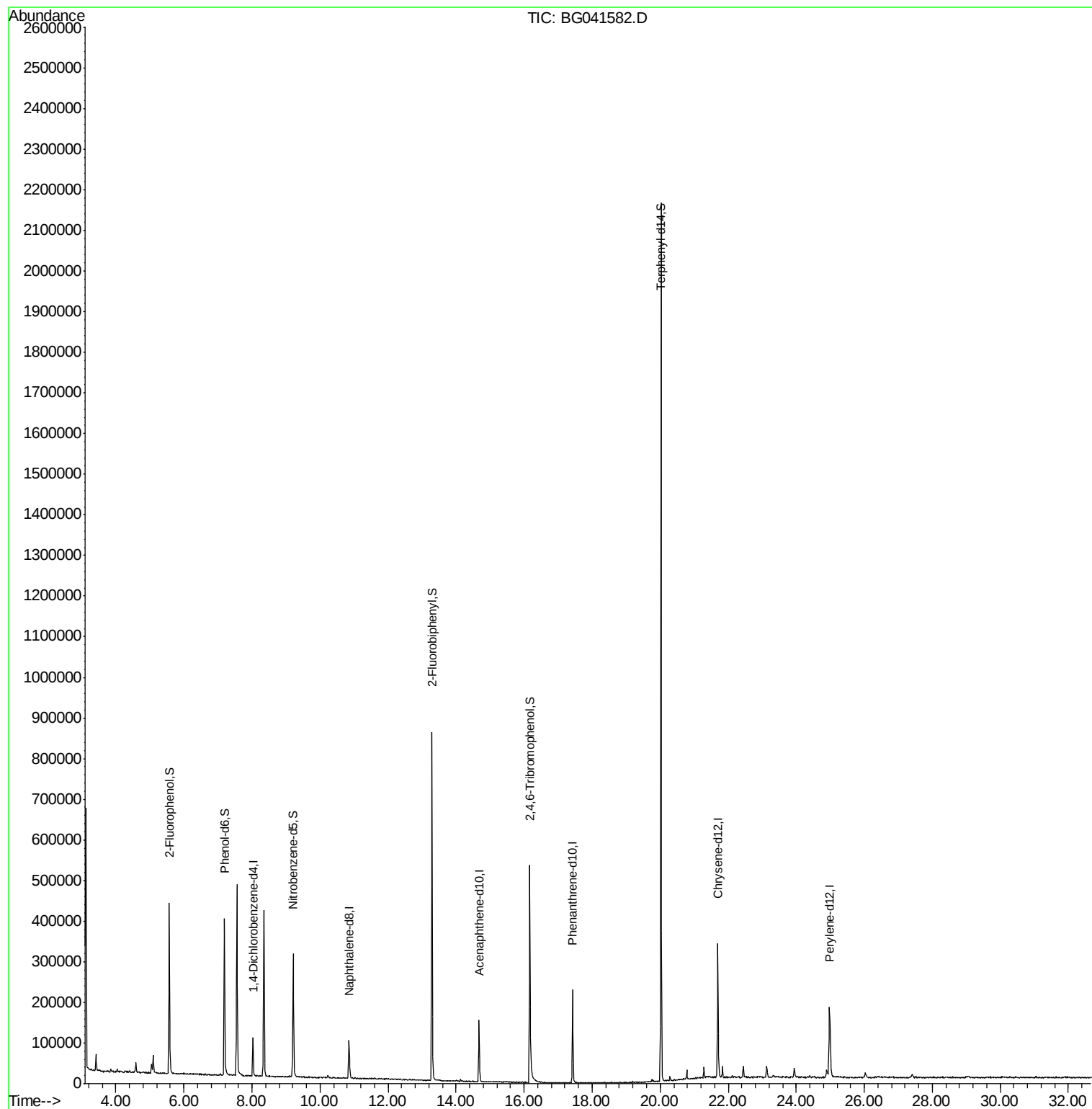
Target Compounds Qvalue

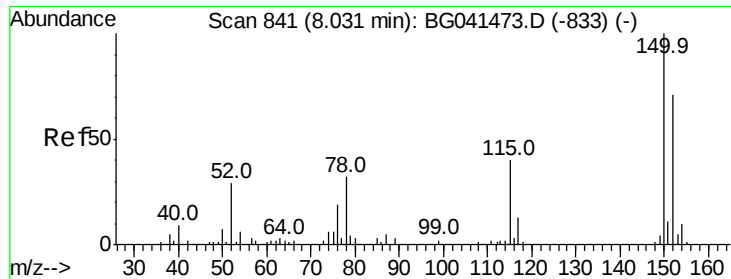
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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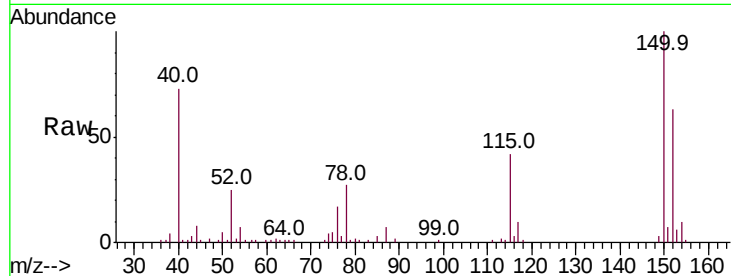


#1

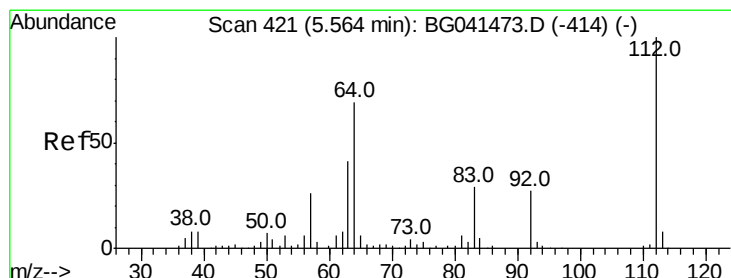
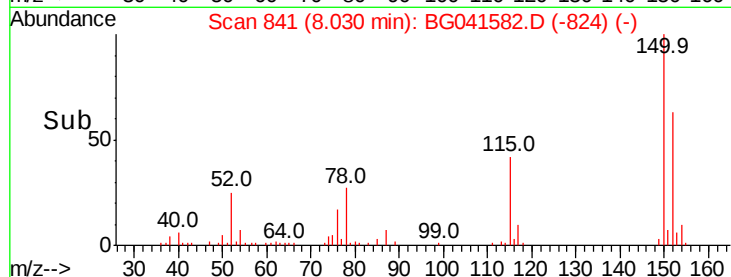
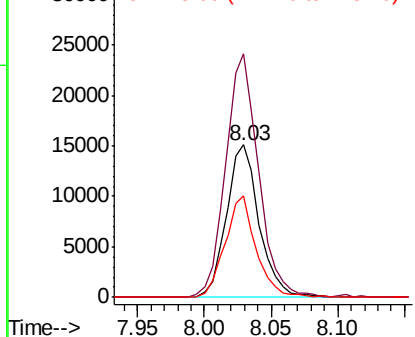
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041582.D
Acq: 3 Jul 2019 4:25

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

Tot Ion:152 Resp: 25825
Ion Ratio Lower Upper
152 100
150 159.5 112.4 168.6
115 66.6 44.6 66.8



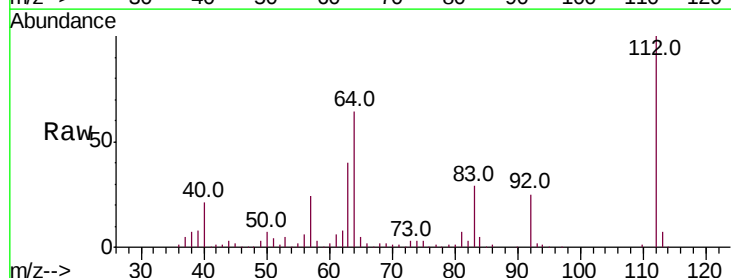
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



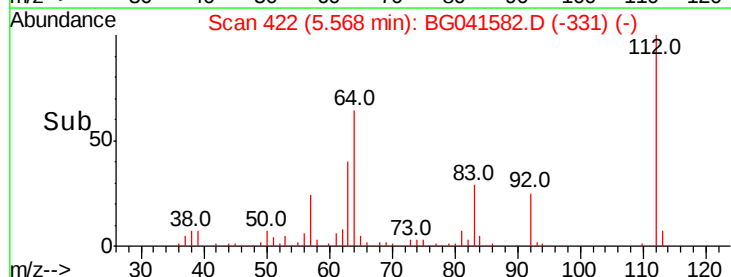
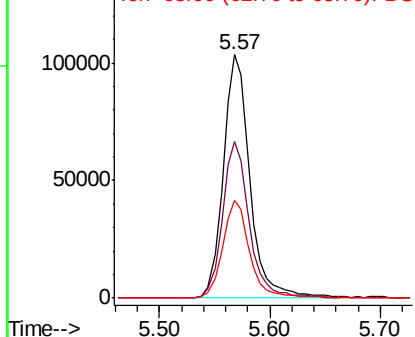
#5

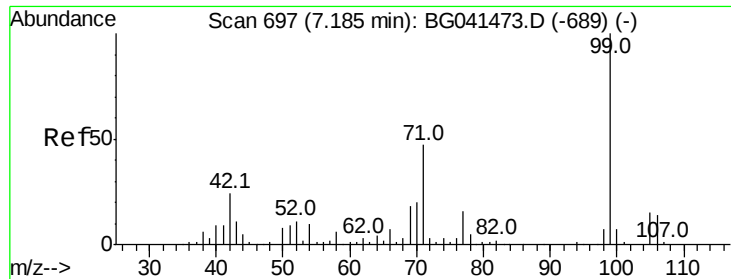
2-Fluorophenol
Concen: 120.056 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041582.D
Acq: 3 Jul 2019 4:25

Tgt Ion:112 Resp: 173903
Ion Ratio Lower Upper
112 100
64 64.2 55.1 82.7
63 40.4 32.4 48.6



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: 103.260 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041582.D

Acq: 3 Jul 2019 4:25

Instrument :

BNA_G

ClientSampleId :

EO-01-062819-A

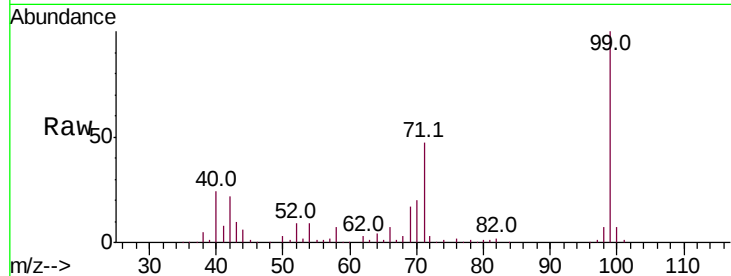
Tot Ion: 99 Resp: 210561

Ion Ratio Lower Upper

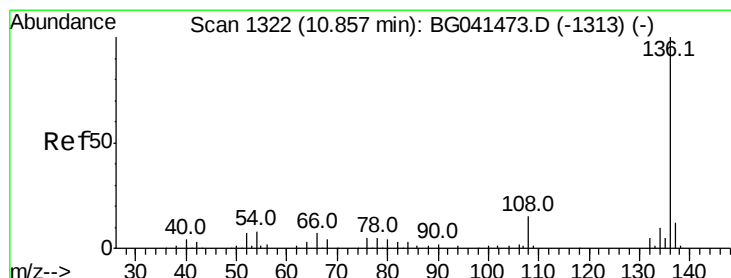
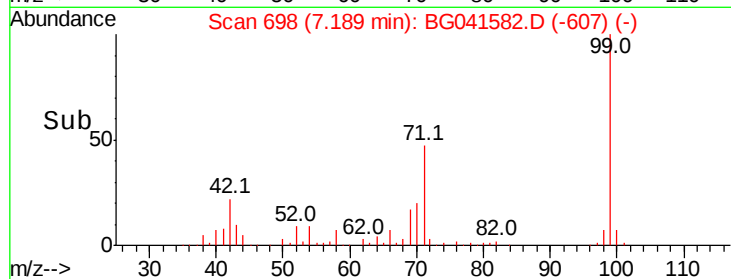
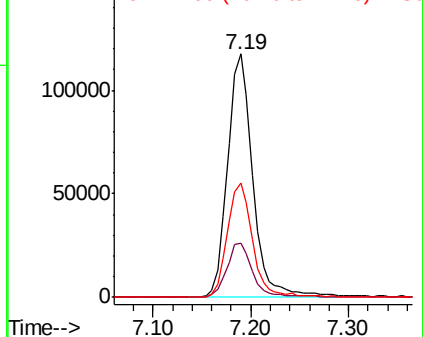
99 100

42 22.3 19.0 28.6

71 47.0 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# 1321

Delta R.T. -0.01 min

Lab File: BG041582.D

Acq: 3 Jul 2019 4:25

Tgt Ion: 136 Resp: 85164

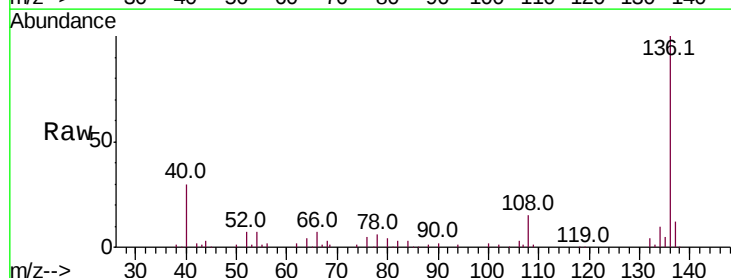
Ion Ratio Lower Upper

136 100

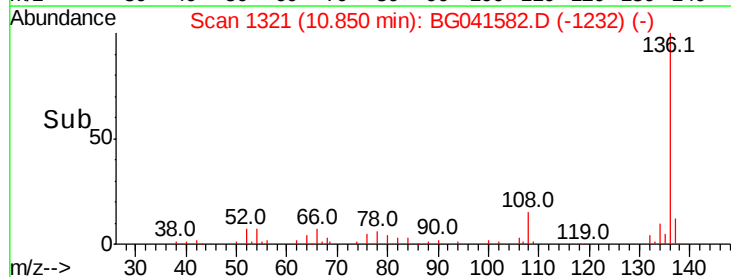
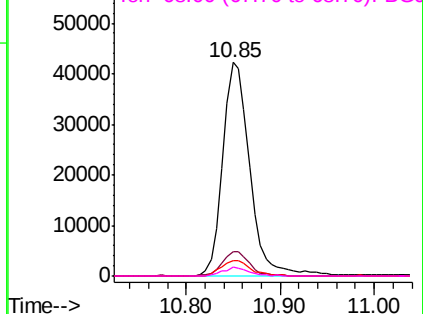
137 11.5 9.3 13.9

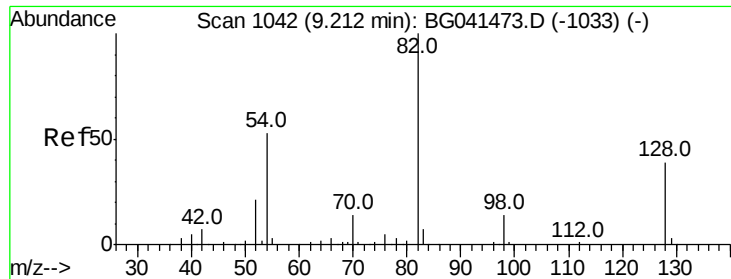
54 7.1 7.1 10.7#

68 4.2 3.3 4.9



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

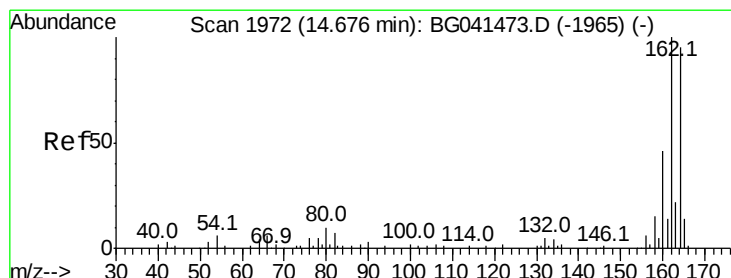
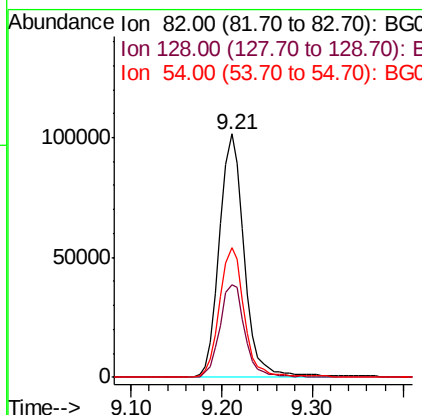
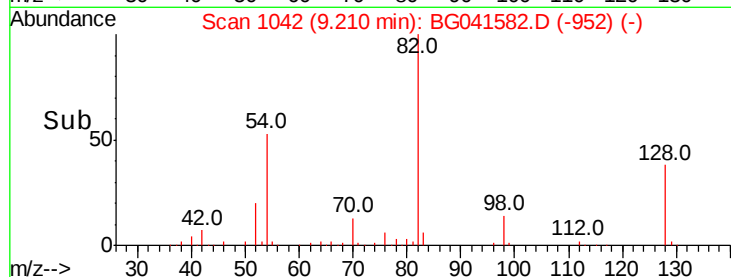
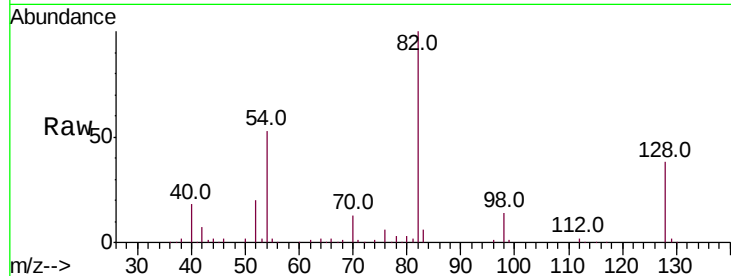




#23
Nitrobenzene-d5
Concen: 94.414 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041582.D
Acq: 3 Jul 2019 4:25

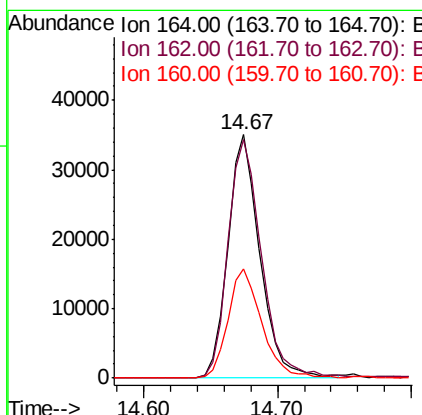
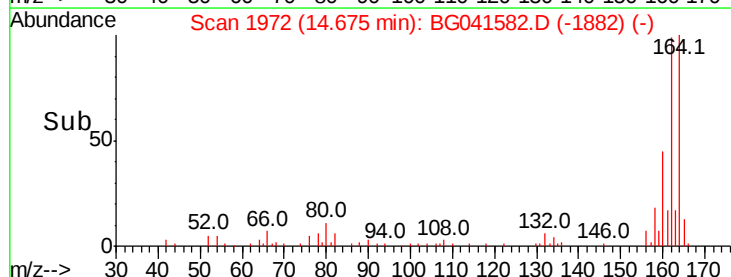
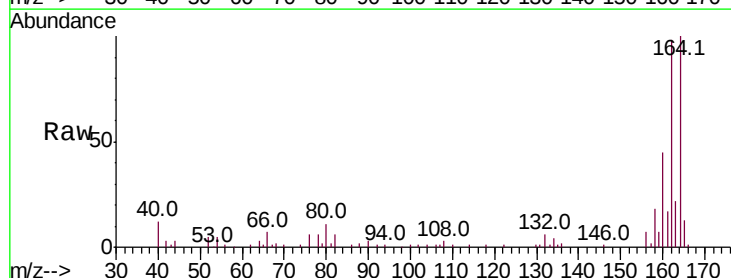
Instrument :
BNA_G
ClientSampleId :
EO-01-062819-A

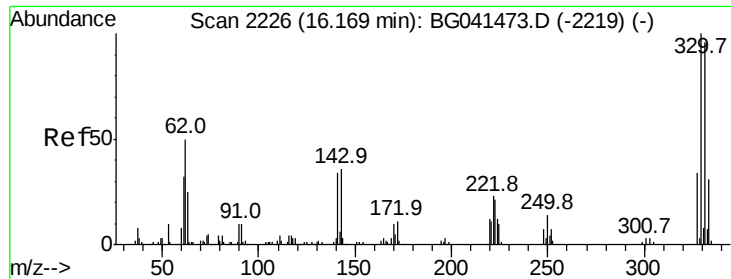
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.9	46.3
54	53.2	42.2	63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041582.D
Acq: 3 Jul 2019 4:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	84.4	126.6
160	44.8	38.8	58.2

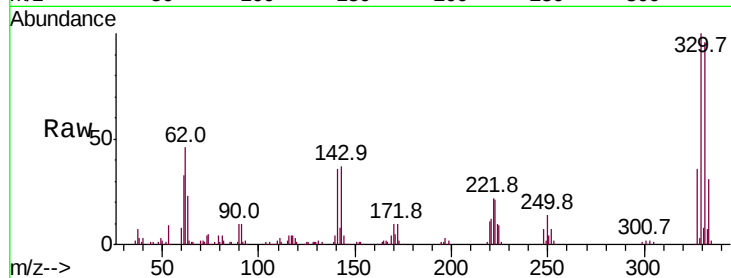




#42
 2,4,6-Tribromophenol
 Concen: 128.640 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041582.D
 Acq: 3 Jul 2019 4:25

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.5	113.3
141	34.5	27.8	41.6

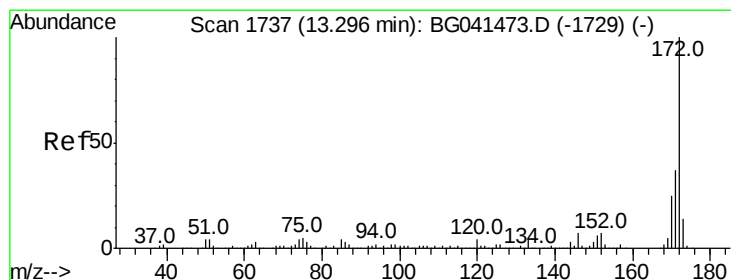
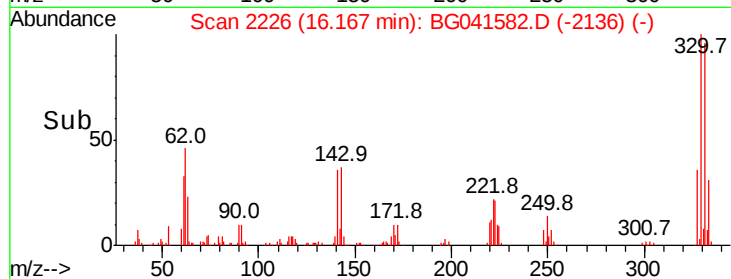
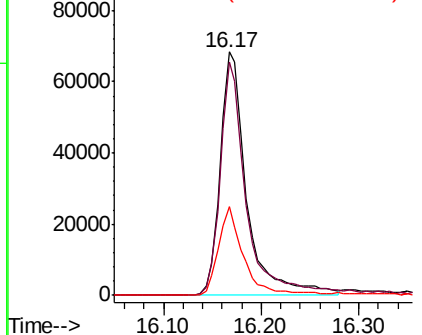


Abundance

Ion 329.80 (329.50 to 330.50): E

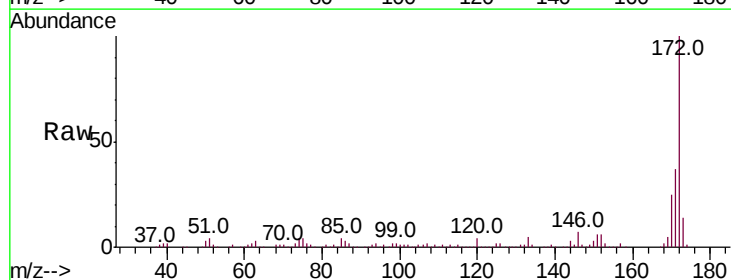
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 96.894 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041582.D
 Acq: 3 Jul 2019 4:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.6	20.0	30.0

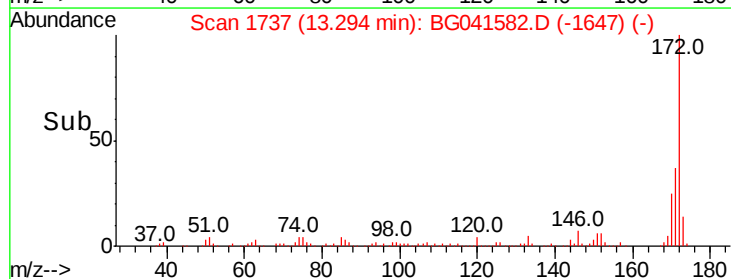
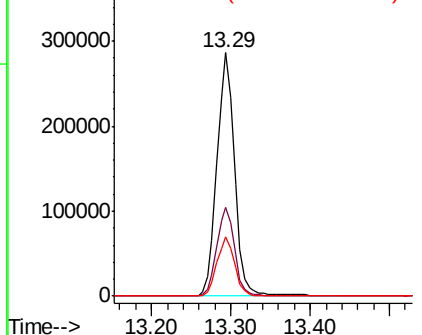


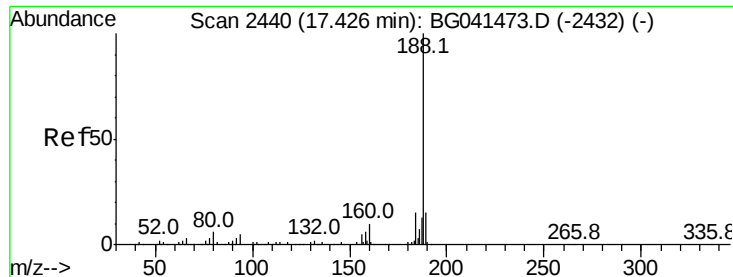
Abundance

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: BG041582.D

Acq: 3 Jul 2019 4:25

Instrument :

BNA_G

ClientSampleId :

EO-01-062819-A

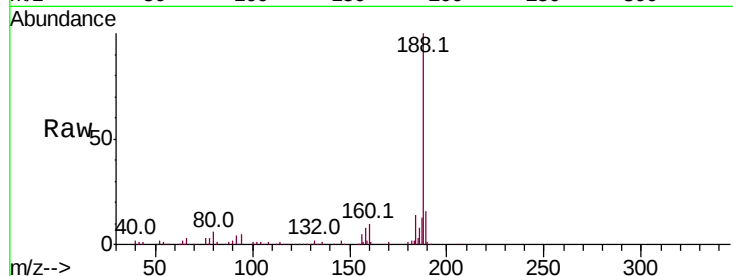
Tot Ion:188 Resp: 159796

Ion	Ratio	Lower	Upper
188	100		
94	4.9	3.8	5.8
80	6.1	4.8	7.2

188 100

94 4.9 3.8 5.8

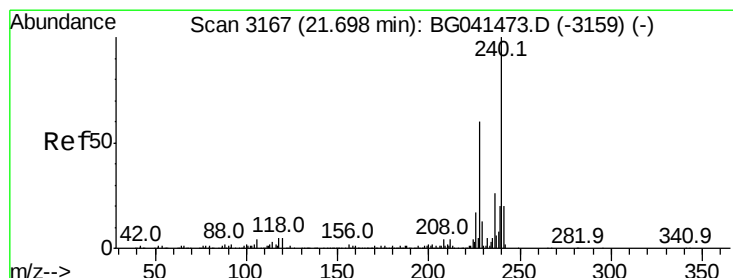
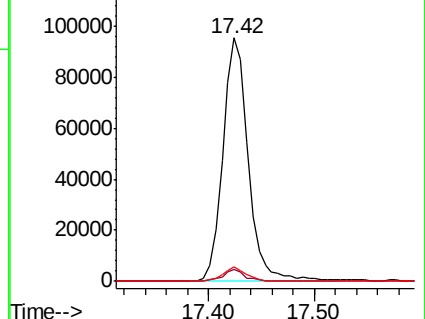
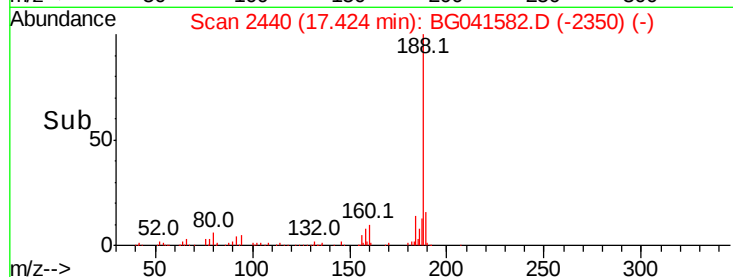
80 6.1 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041582.D

Acq: 3 Jul 2019 4:25

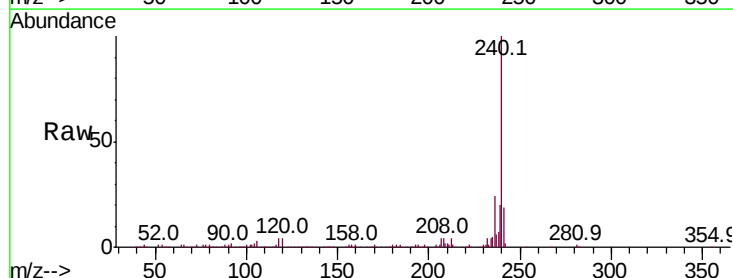
Tgt Ion:240 Resp: 217153

Ion	Ratio	Lower	Upper
240	100		
120	3.9	3.7	5.5
236	24.0	20.8	31.2

240 100

120 3.9 3.7 5.5

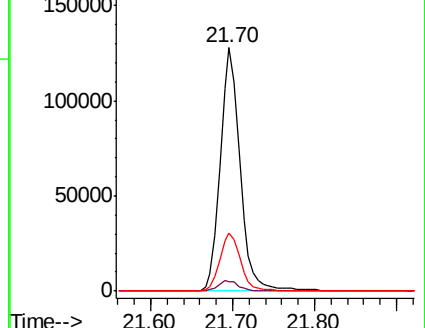
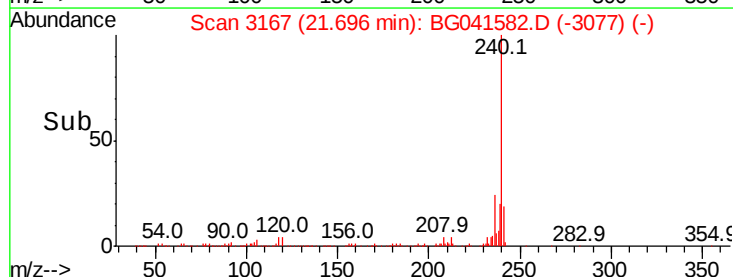
236 24.0 20.8 31.2

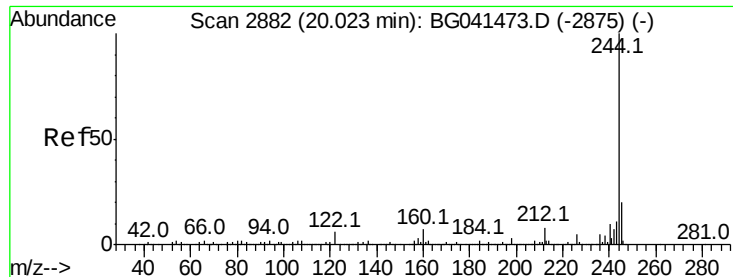


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.489 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041582.D

Acq: 3 Jul 2019 4:25

Instrument :

BNA_G

ClientSampleId :

EO-01-062819-A

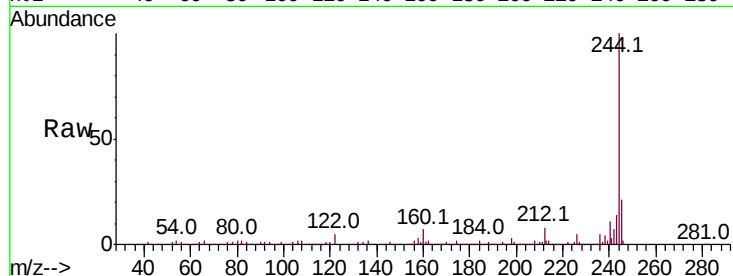
Tot Ion:244 Resp: 1037074

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

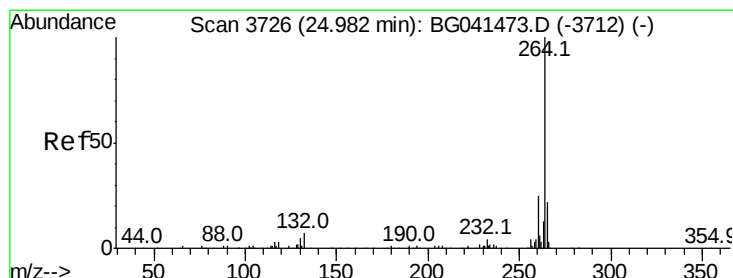
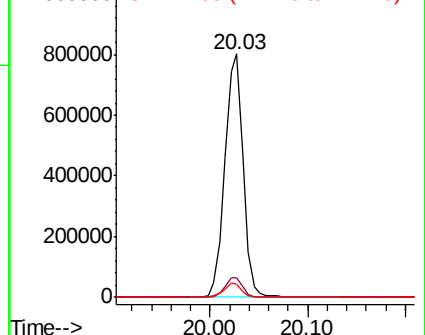
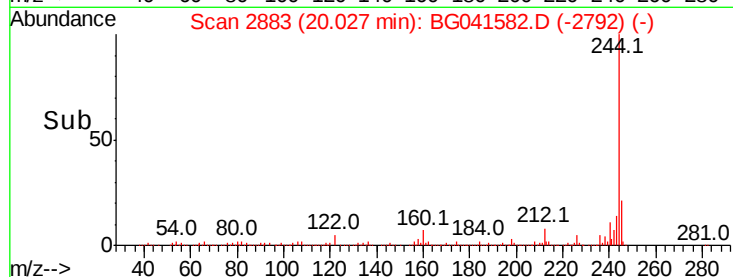
122 5.2 4.8 7.2



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: BG041582.D

Acq: 3 Jul 2019 4:25

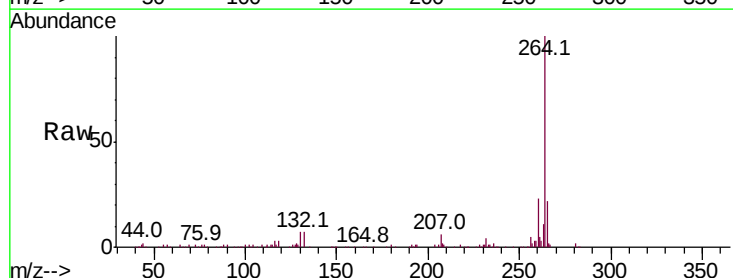
Tgt Ion:264 Resp: 226325

Ion Ratio Lower Upper

264 100

260 23.1 19.7 29.5

265 22.4 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

