

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
 Data File : BG046627.D
 Acq On : 15 Sep 2020 16:47
 Operator : CG/JU
 Sample : L3867-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-091420

Quant Time: Sep 15 18:55:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	66852	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	294446	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	229172	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	508460	20.00	ng	0.00
76) Chrysene-d12	21.54	240	463884	20.00	ng	0.00
86) Perylene-d12	24.64	264	451165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	445793	118.11	ng	0.00
7) Phenol-d6	7.10	99	572931	107.08	ng	0.00
23) Nitrobenzene-d5	9.08	82	442534	85.90	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	334535	107.74	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1249522	83.23	ng	0.00
79) Terphenyl-d14	19.91	244	1646968	75.56	ng	0.00

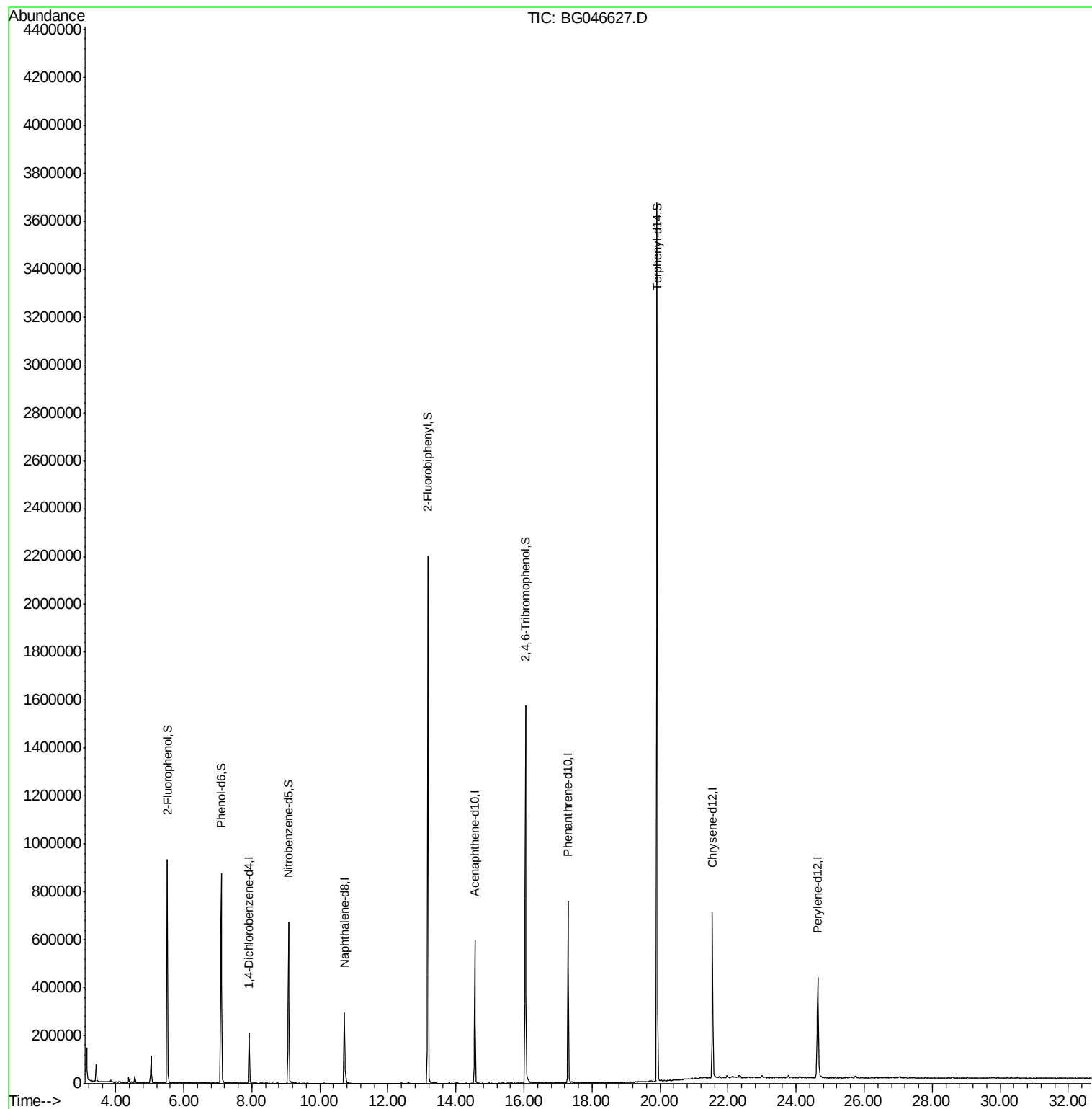
Target Compounds Qvalue

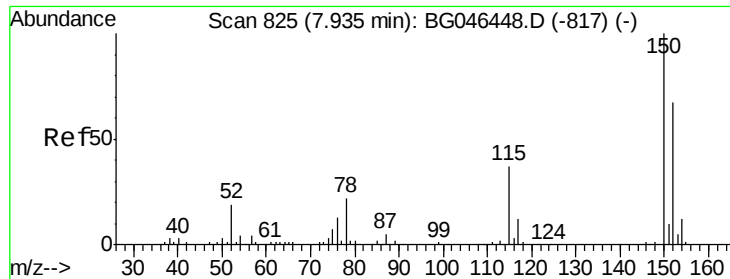
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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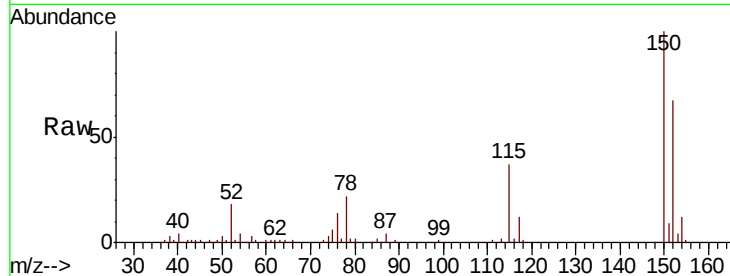


#1

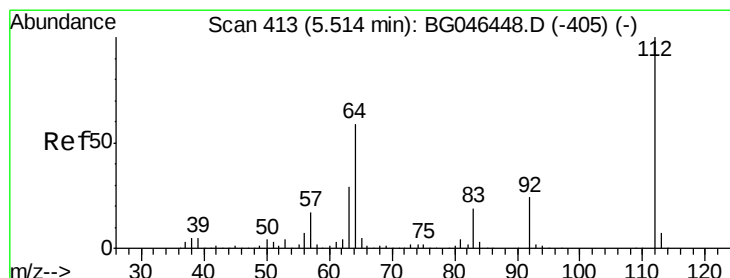
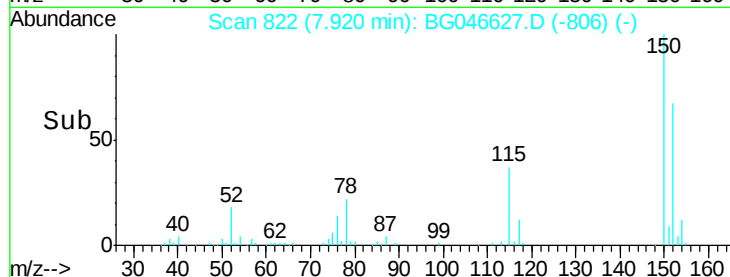
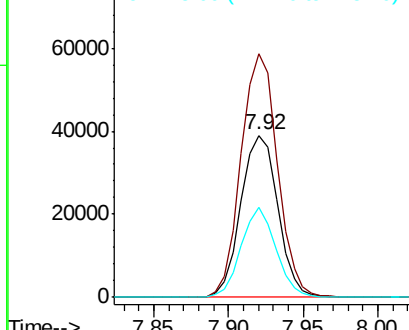
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG046627.D
 Acq: 15 Sep 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-091420

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	119.5	179.3
115	55.9	44.3	66.5



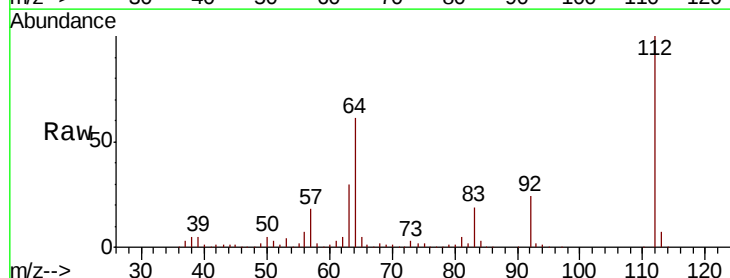
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



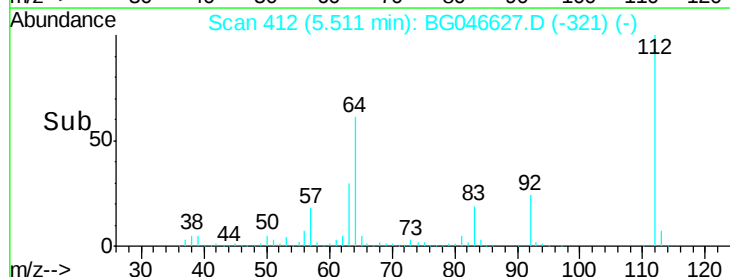
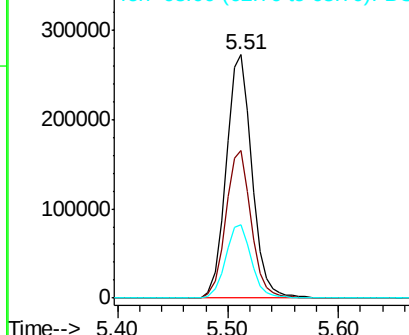
#5

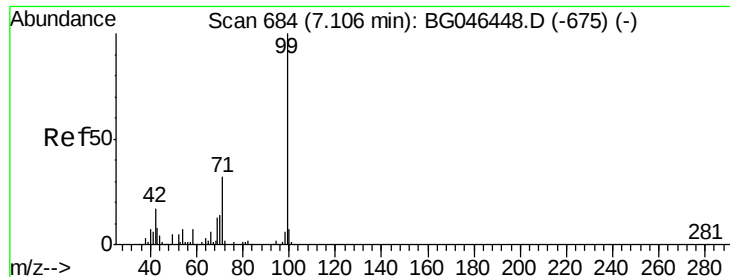
2-Fluorophenol
 Concen: 118.109 ng
 RT: 5.51 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: BG046627.D
 Acq: 15 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.0	70.6
63	30.3	23.5	35.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 107.077 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046627.D

Acq: 15 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

EO-02-091420

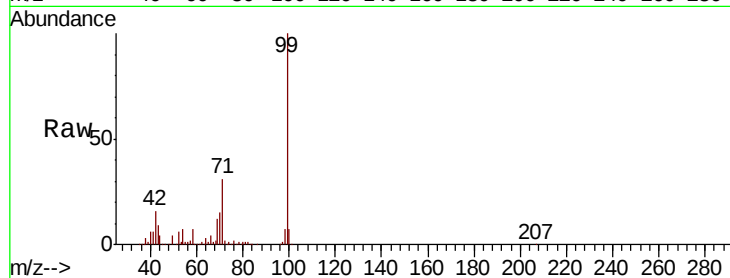
Tot Ion: 99 Resp: 572931

Ion Ratio Lower Upper

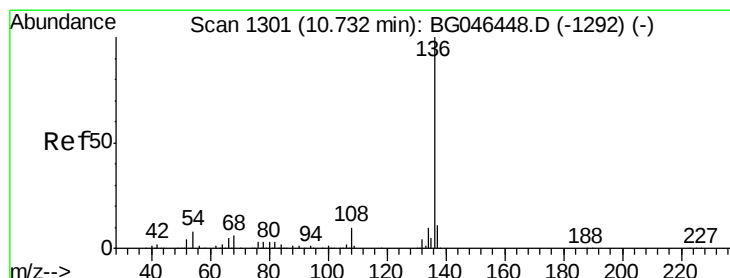
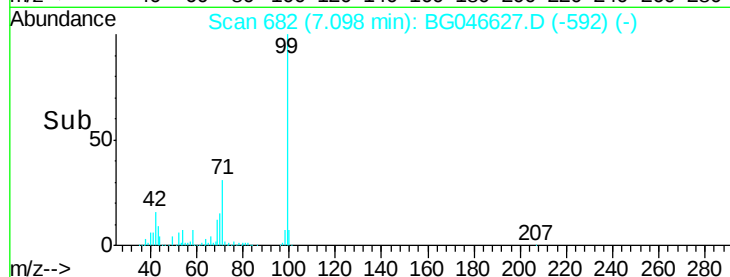
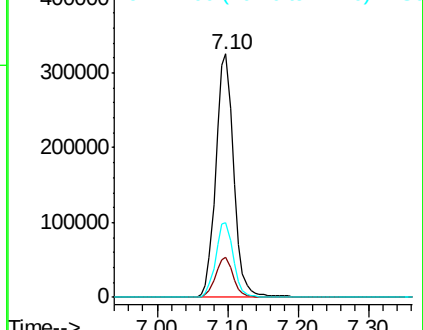
99 100

42 16.2 13.3 19.9

71 30.8 25.3 37.9



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: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG046627.D

Acq: 15 Sep 2020 16:47

Tgt Ion: 136 Resp: 294446

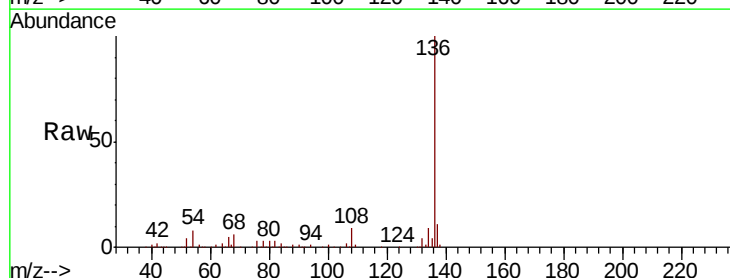
Ion Ratio Lower Upper

136 100

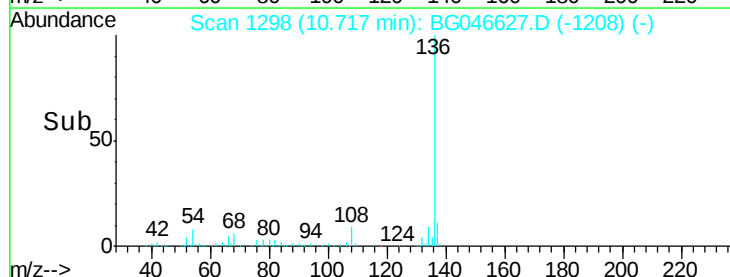
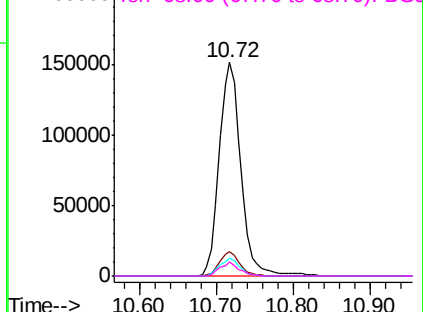
137 11.2 8.8 13.2

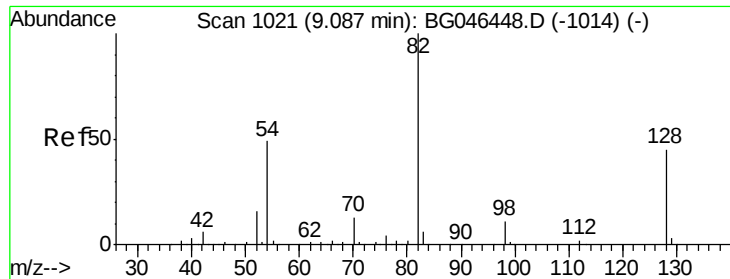
54 8.2 6.1 9.1

68 6.4 4.8 7.2



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

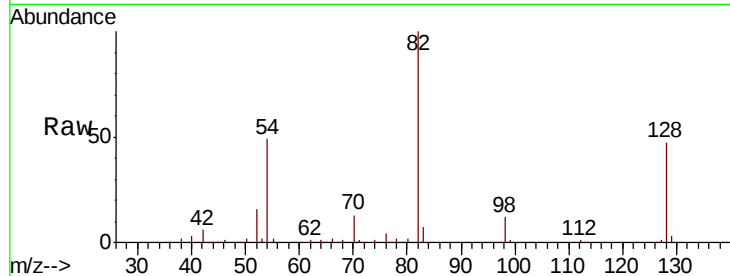




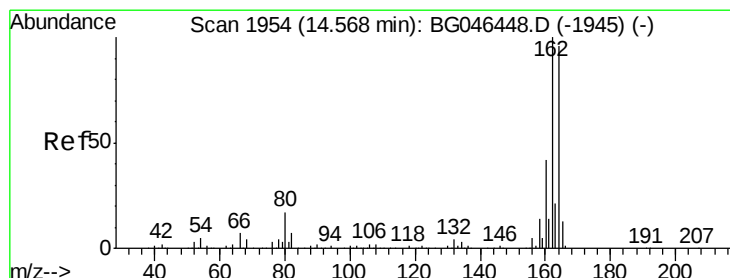
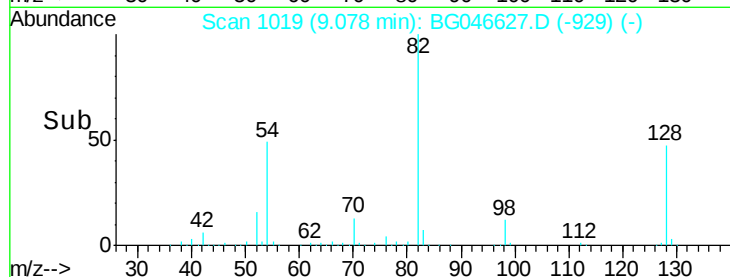
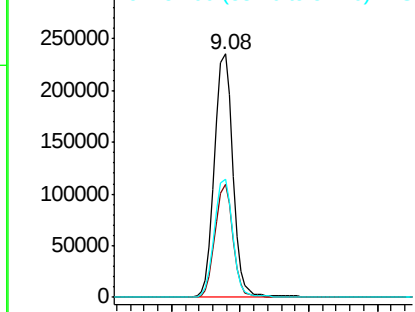
#23
Nitrobenzene-d5
Concen: 85.901 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG046627.D
Acq: 15 Sep 2020 16:47

Instrument :
BNA_G
ClientSampleId :
EO-02-091420

Tot Ion: 82 Resp: 442534
Ion Ratio Lower Upper
82 100
128 46.7 35.7 53.5
54 48.5 39.4 59.0

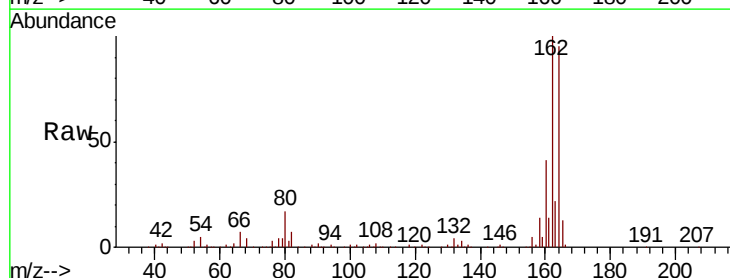


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

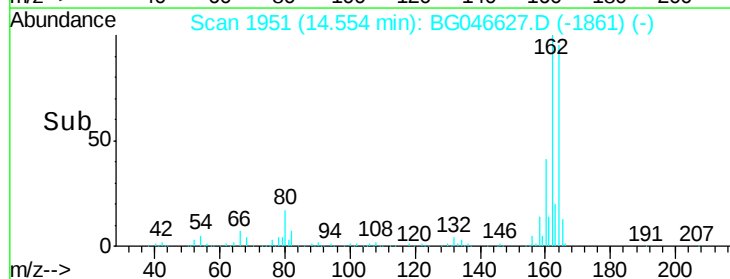
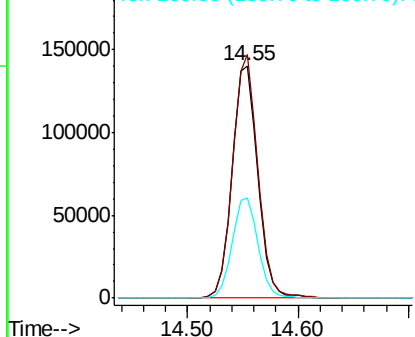


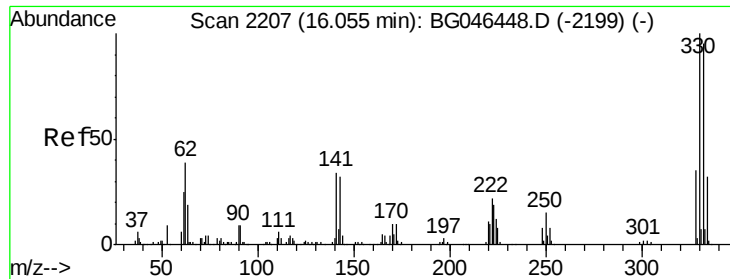
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG046627.D
Acq: 15 Sep 2020 16:47

Tgt Ion: 164 Resp: 229172
Ion Ratio Lower Upper
164 100
162 104.9 83.3 124.9
160 43.1 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 107.737 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG046627.D

Acq: 15 Sep 2020 16:47

Instrument :

BNA_G

ClientSampleId :

EO-02-091420

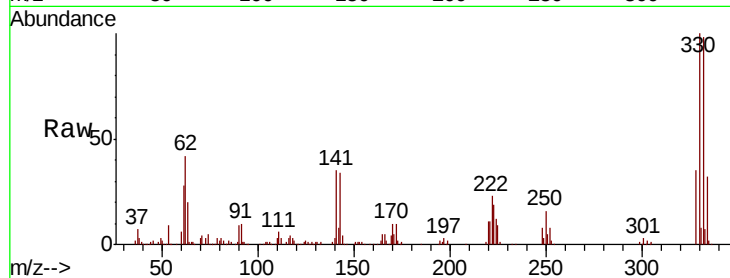
Tot Ion:330 Resp: 334535

Ion Ratio Lower Upper

330 100

332 94.5 76.1 114.1

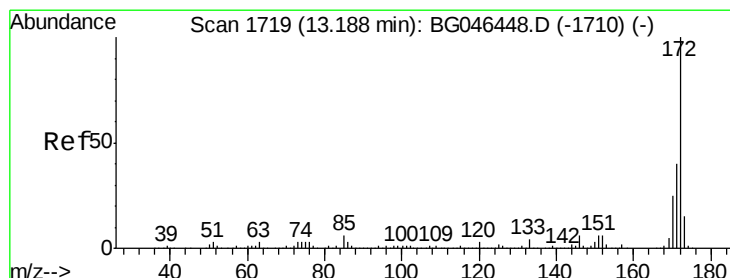
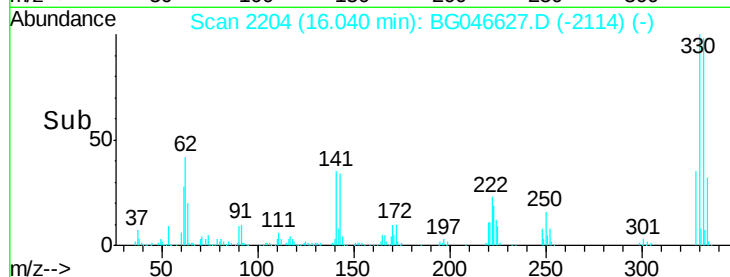
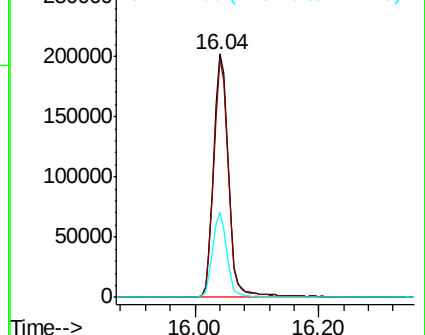
141 33.1 26.1 39.1



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: 83.233 ng

RT: 13.17 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG046627.D

Acq: 15 Sep 2020 16:47

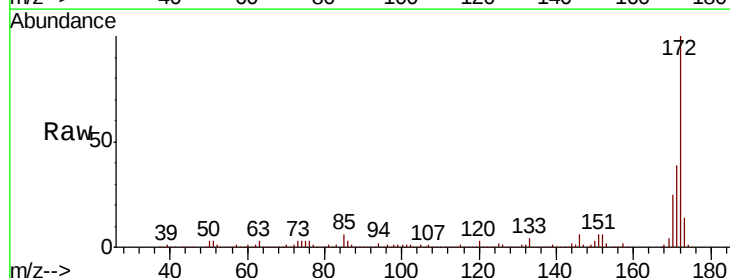
Tgt Ion:172 Resp: 1249522

Ion Ratio Lower Upper

172 100

171 38.5 31.8 47.6

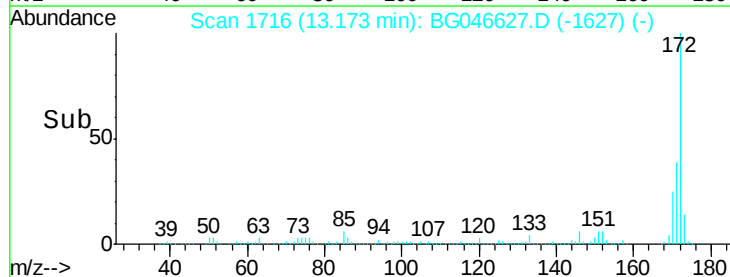
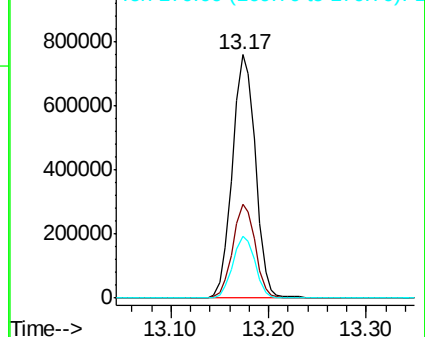
170 25.2 20.3 30.5

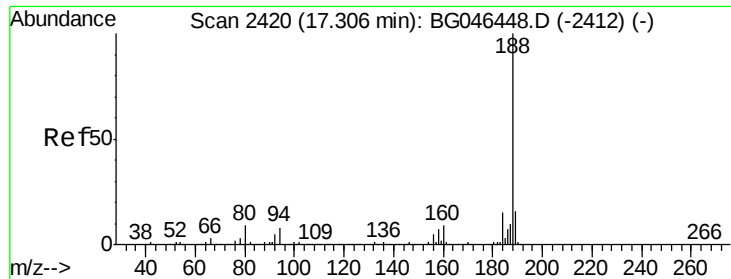


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

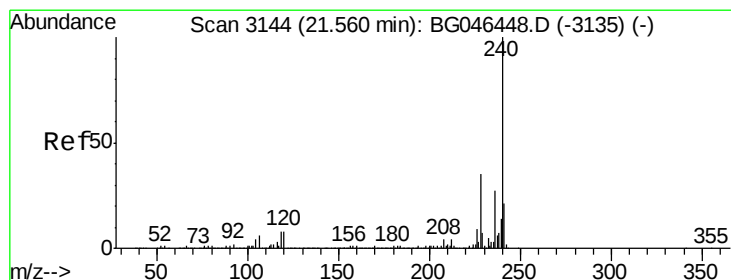
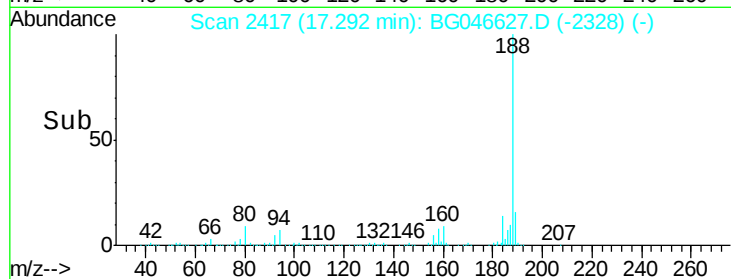
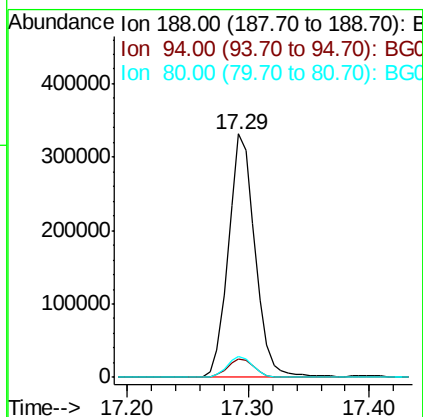
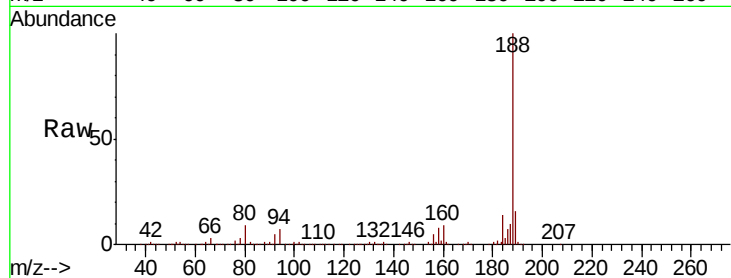




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BG046627.D
Acq: 15 Sep 2020 16:47

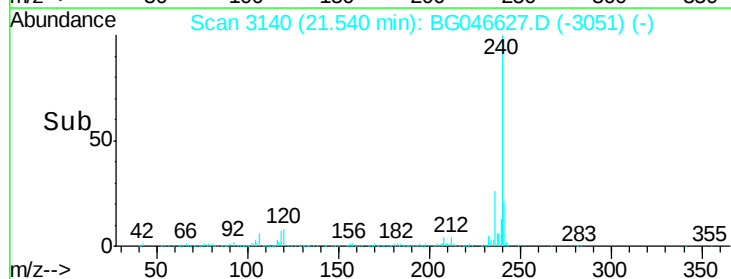
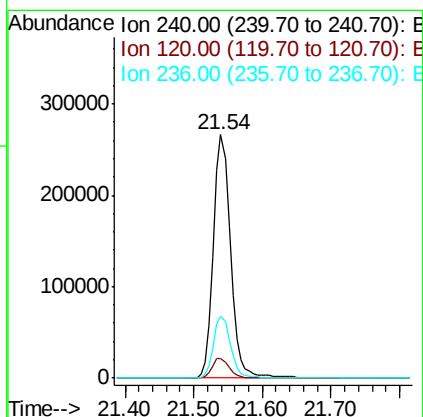
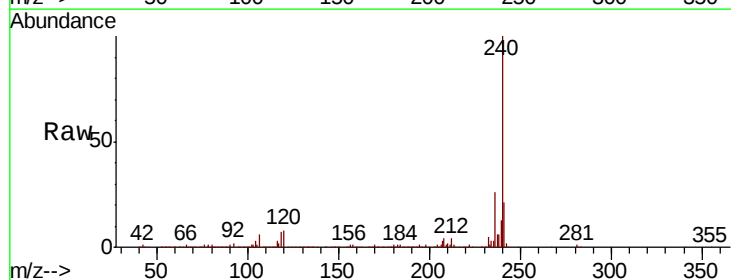
Instrument :
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EO-02-091420

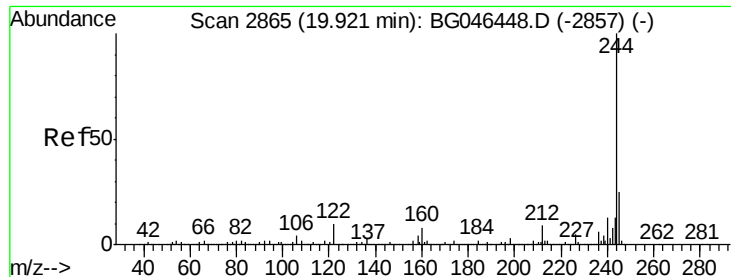
Tot Ion:188 Resp: 508460
Ion Ratio Lower Upper
188 100
94 7.4 6.3 9.5
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046627.D
Acq: 15 Sep 2020 16:47

Tgt Ion:240 Resp: 463884
Ion Ratio Lower Upper
240 100
120 8.0 6.6 10.0
236 25.6 21.4 32.2





#79

Terphenyl-d14

Concen: 75.559 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG046627.D

Acq: 15 Sep 2020 16:47

Instrument :

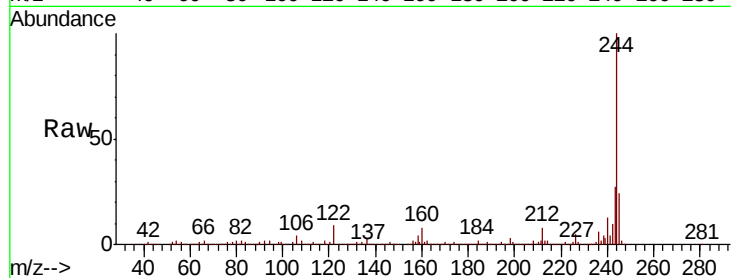
BNA_G

ClientSampleId :

EO-02-091420

Tot Ion:244 Resp: 1646968

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	9.3	8.2	12.4

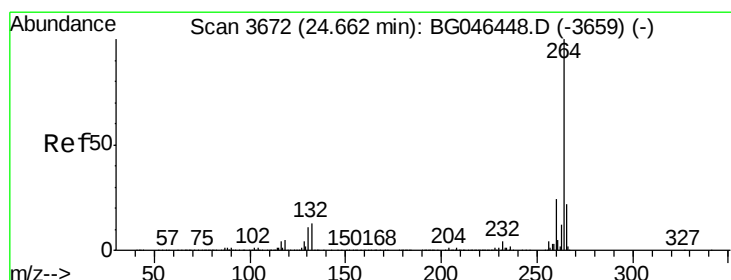
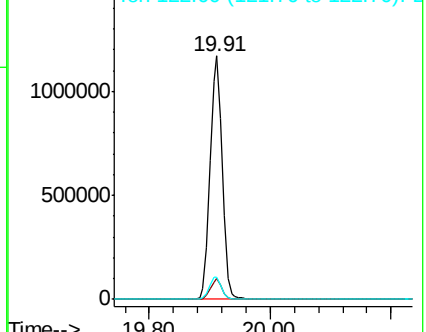
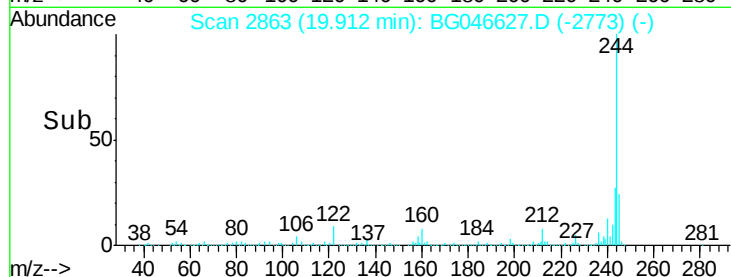


Abundance

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3667

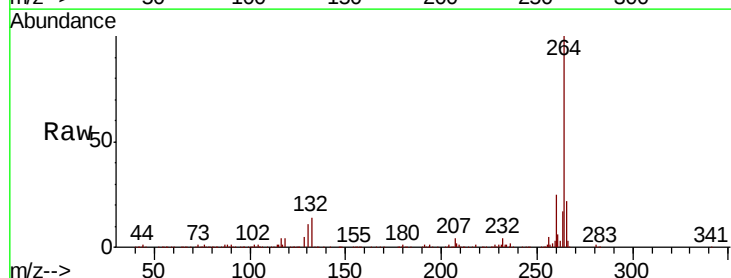
Delta R.T. 0.00 min

Lab File: BG046627.D

Acq: 15 Sep 2020 16:47

Tgt Ion:264 Resp: 451165

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.9	17.9	26.9



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

