

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
 Data File : BG046464.D
 Acq On : 26 Aug 2020 21:52
 Operator : CG/JU
 Sample : L3784-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-24

Quant Time: Aug 27 01:56:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 18:00:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	59567	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	237039	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	161351	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	432210	20.00	ng	0.00
76) Chrysene-d12	21.55	240	522502	20.00	ng	0.00
86) Perylene-d12	24.66	264	533273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	397343	118.15	ng	0.00
7) Phenol-d6	7.10	99	470782	98.75	ng	0.00
23) Nitrobenzene-d5	9.09	82	371289	89.53	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	277030	126.72	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	928313	87.83	ng	0.00
79) Terphenyl-d14	19.92	244	1788871	72.86	ng	0.00

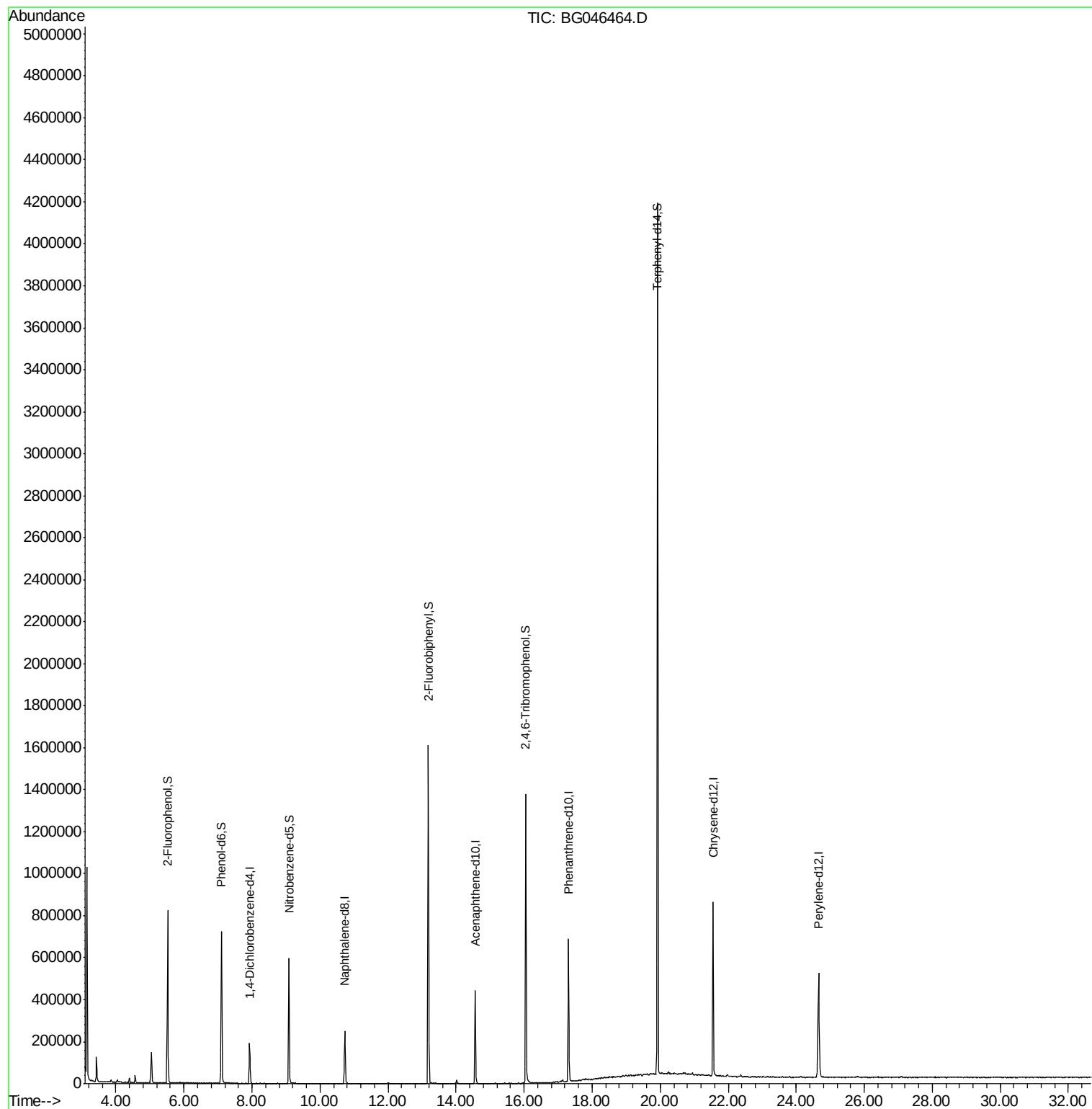
Target Compounds Qvalue

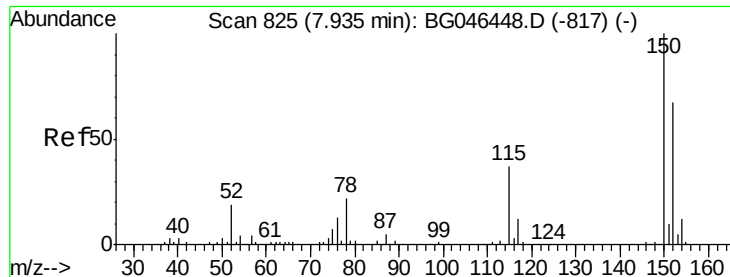
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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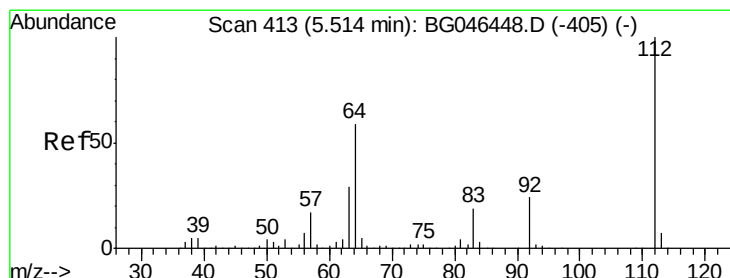
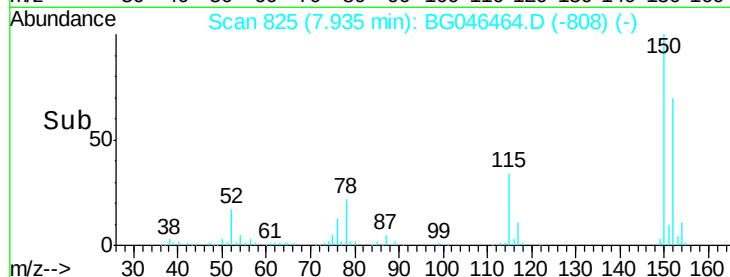
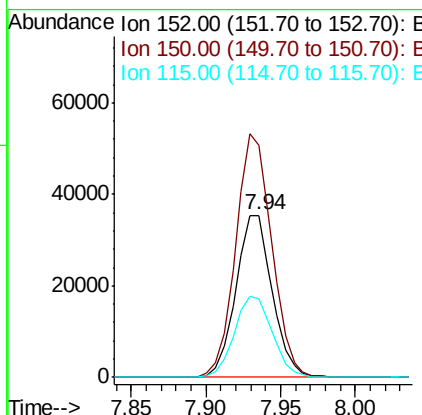
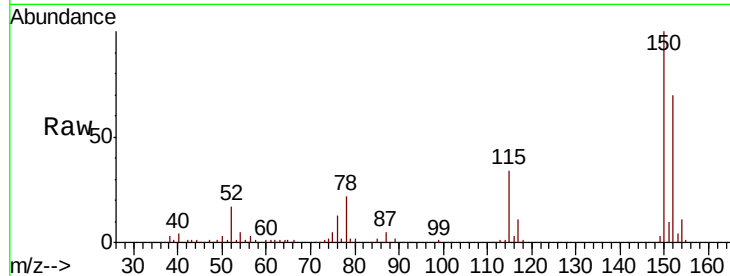


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG046464.D
Acq: 26 Aug 2020 21:52

Instrument :
BNA_G
ClientSampleId :
RO-24

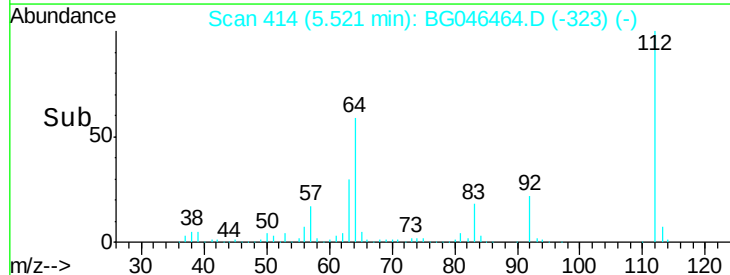
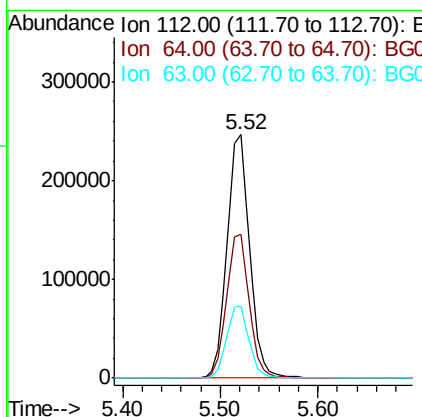
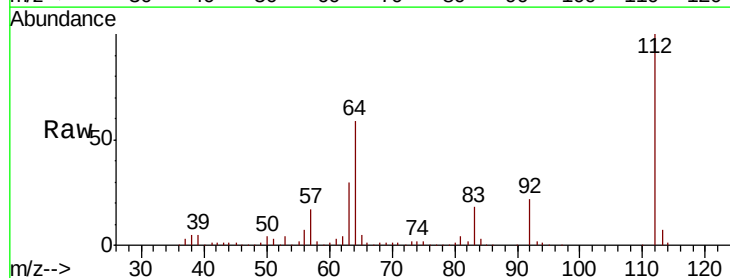
Tot Ion	Ratio	Lower	Upper
152	100		
150	143.5	119.5	179.3
115	48.2	44.3	66.5

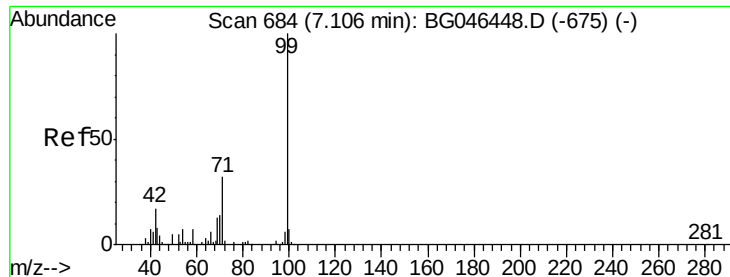


#5

2-Fluorophenol
Concen: 118.147 ng
RT: 5.52 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG046464.D
Acq: 26 Aug 2020 21:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.0	70.6
63	29.6	23.5	35.3





#7

Phenol-d6

Concen: 98.747 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046464.D

Acq: 26 Aug 2020 21:52

Instrument :

BNA_G

ClientSampleId :

RO-24

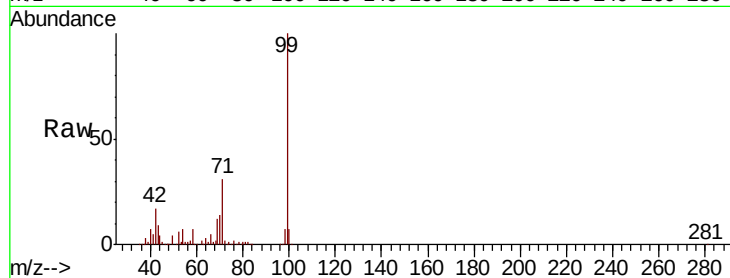
Tot Ion: 99 Resp: 470782

Ion Ratio Lower Upper

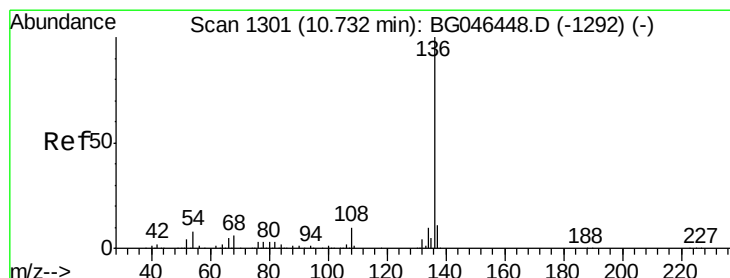
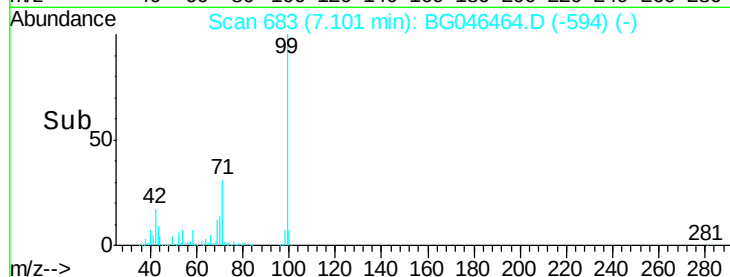
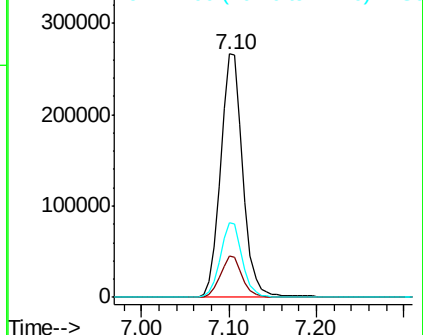
99 100

42 16.7 13.3 19.9

71 30.7 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: 10.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BG046464.D

Acq: 26 Aug 2020 21:52

Tgt Ion: 136 Resp: 237039

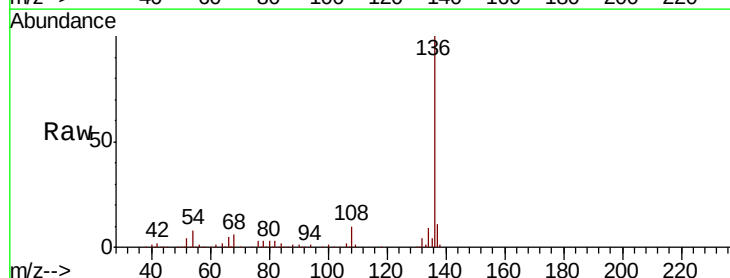
Ion Ratio Lower Upper

136 100

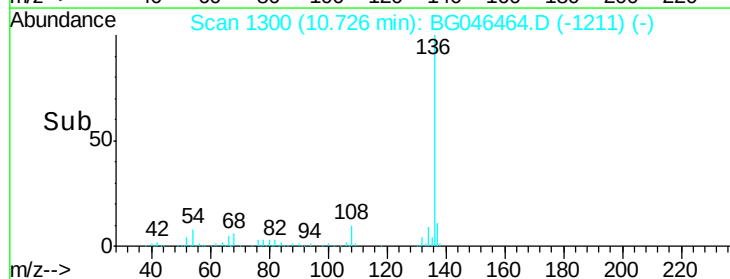
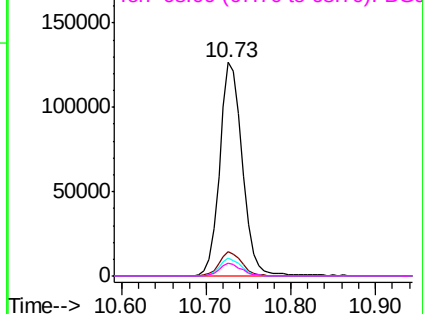
137 11.3 8.8 13.2

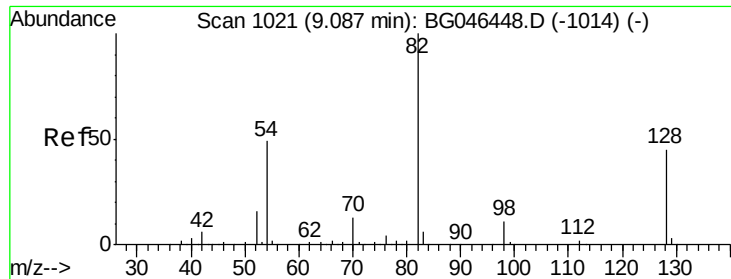
54 8.2 6.1 9.1

68 5.8 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

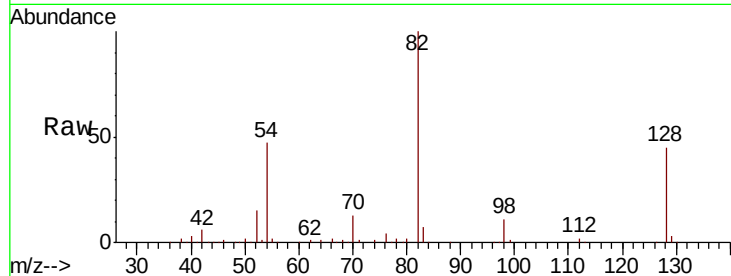




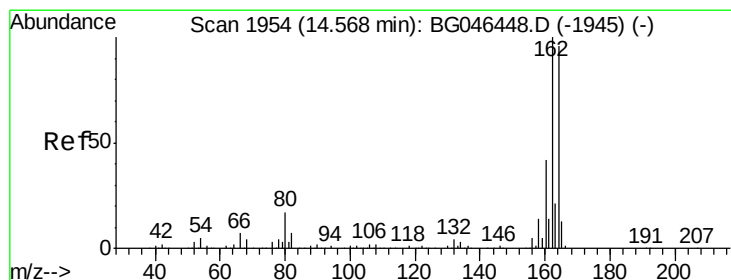
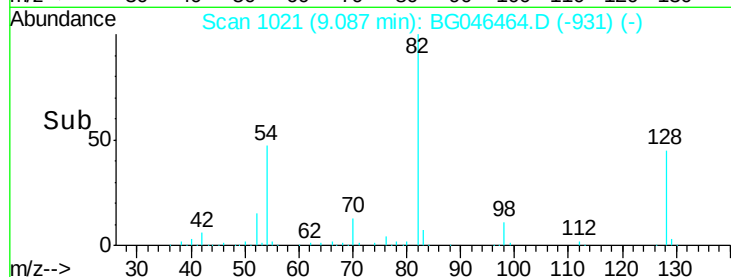
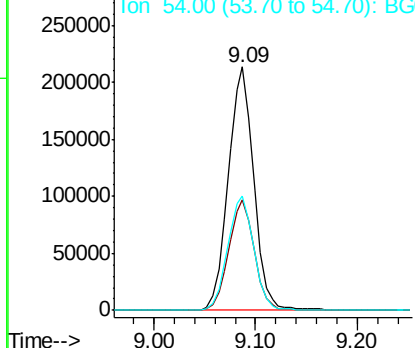
#23
Nitrobenzene-d5
Concen: 89.526 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG046464.D
Acq: 26 Aug 2020 21:52

Instrument :
BNA_G
ClientSampled :
RO-24

Tot Ion	82	Resp	371289
Ion Ratio	100	Lower	Upper
128	45.5	35.7	53.5
54	47.1	39.4	59.0

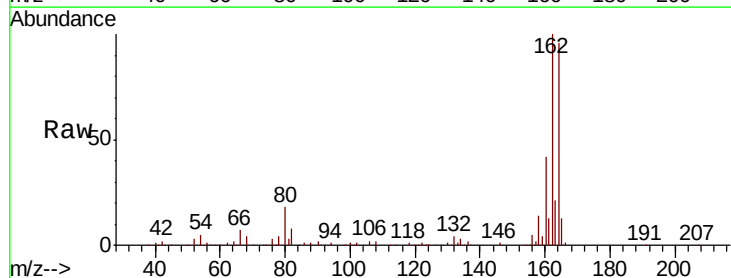


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

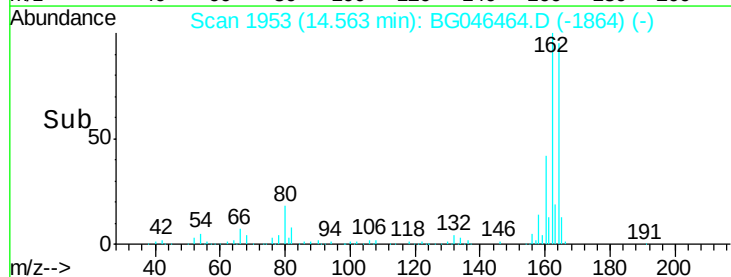
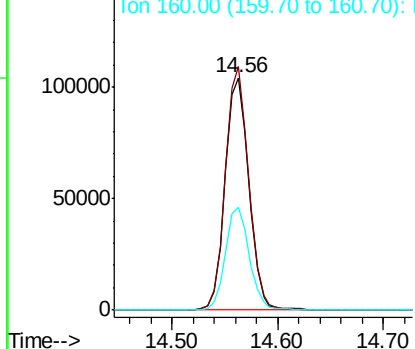


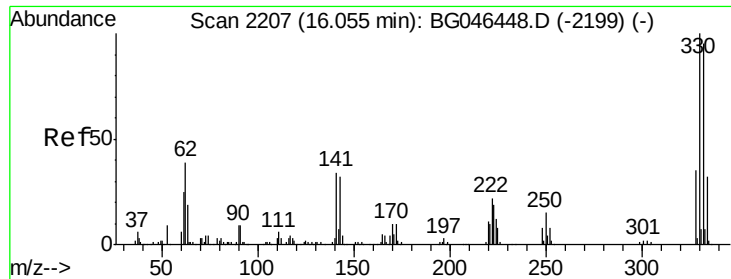
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG046464.D
Acq: 26 Aug 2020 21:52

Tgt Ion	164	Resp	161351
Ion Ratio	100	Lower	Upper
162	104.6	83.3	124.9
160	44.2	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

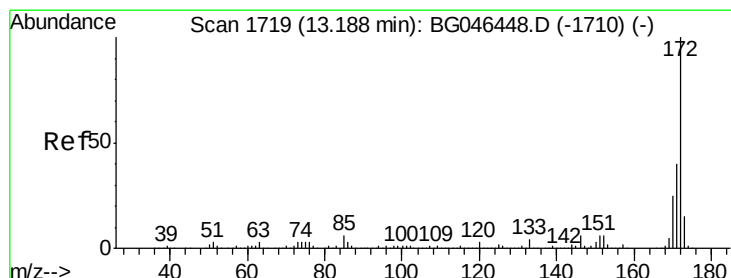
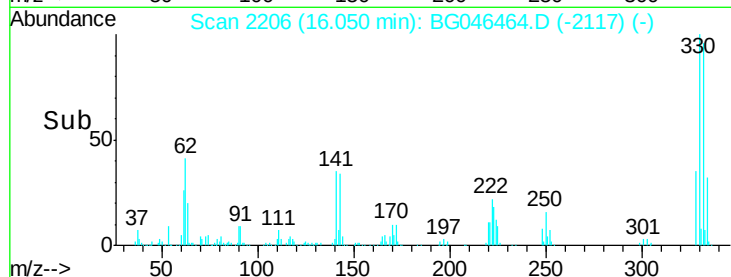
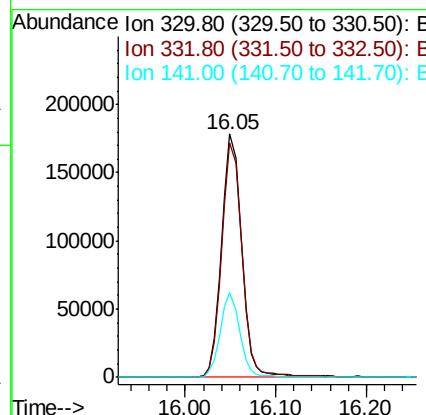
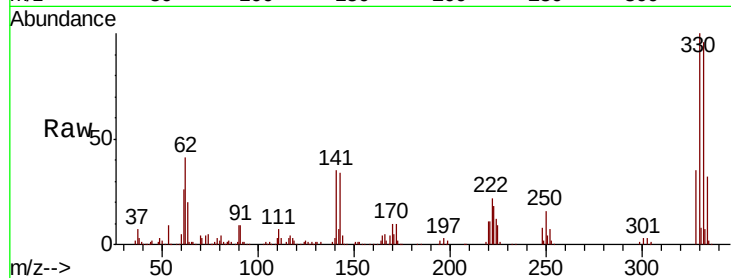




#42
 2,4,6-Tribromophenol
 Concen: 126.718 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG046464.D
 Acq: 26 Aug 2020 21:52

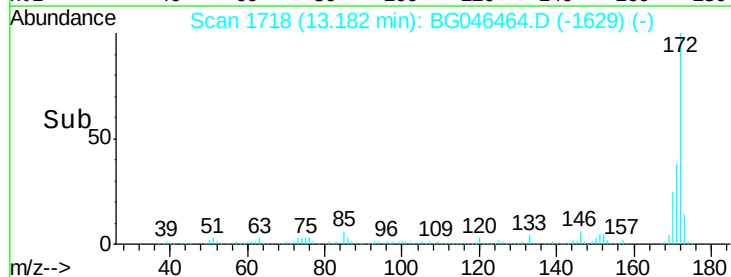
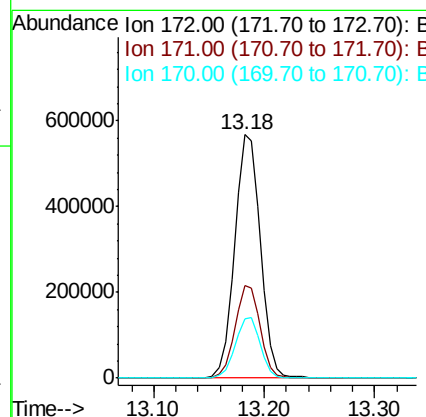
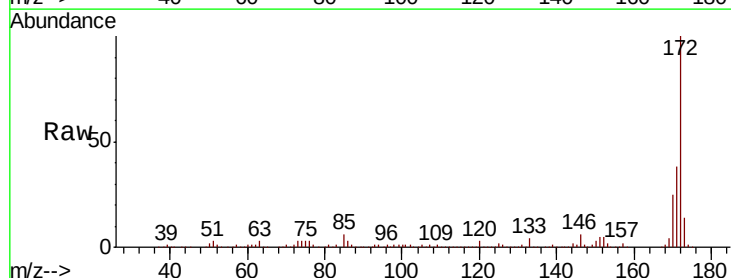
Instrument :
 BNA_G
 ClientSampled :
 RO-24

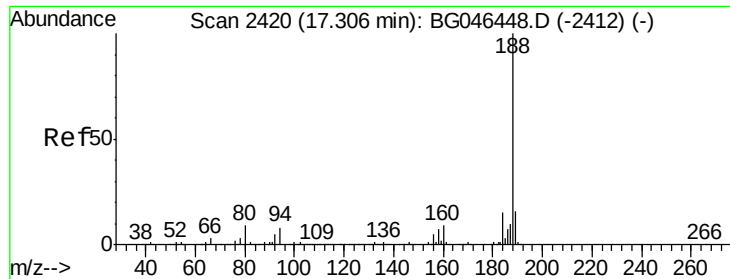
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.1	114.1
141	33.7	26.1	39.1



#45
 2-Fluorobiphenyl
 Concen: 87.829 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046464.D
 Acq: 26 Aug 2020 21:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.8	47.6
170	24.6	20.3	30.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BG046464.D

Acq: 26 Aug 2020 21:52

Instrument :

BNA_G

ClientSampleId :

RO-24

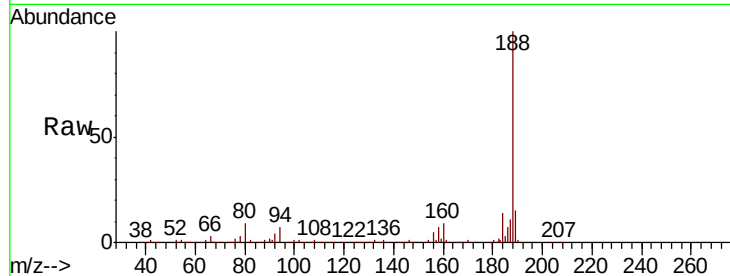
Tot Ion:188 Resp: 432210

Ion Ratio Lower Upper

188 100

94 7.2 6.3 9.5

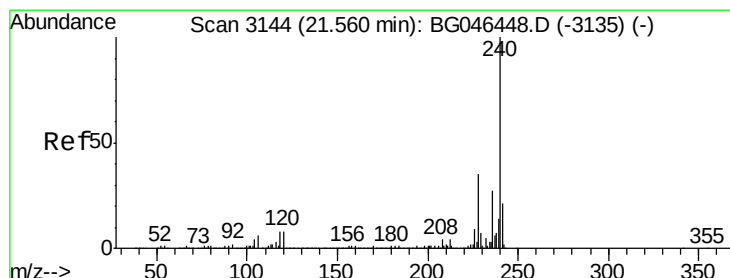
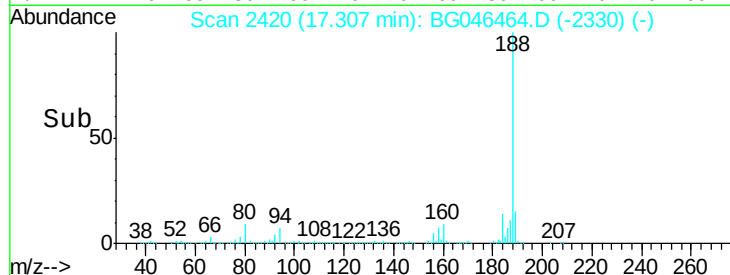
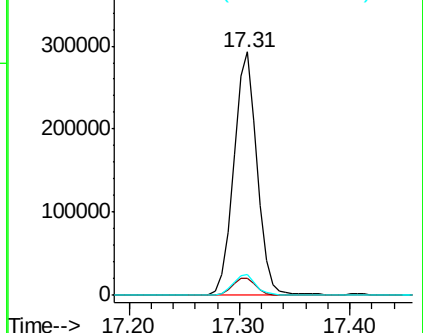
80 8.7 6.9 10.3



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: 21.55 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG046464.D

Acq: 26 Aug 2020 21:52

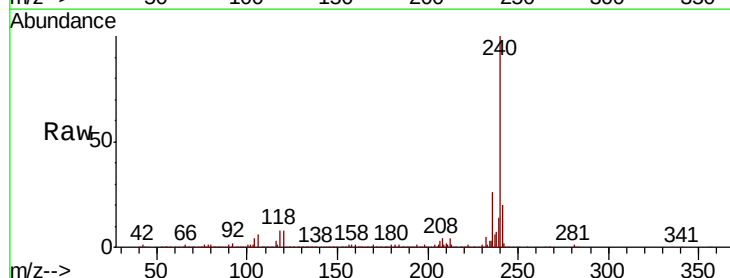
Tgt Ion:240 Resp: 522502

Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

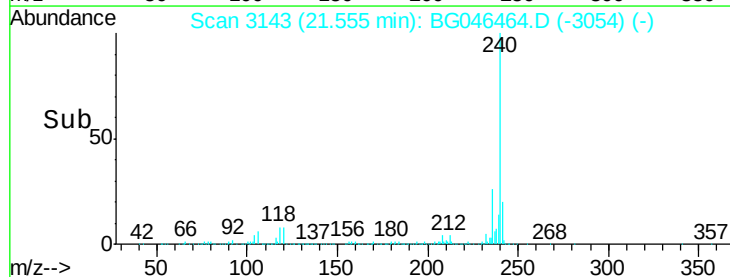
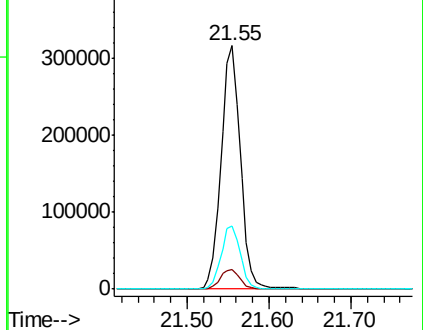
236 26.1 21.4 32.2

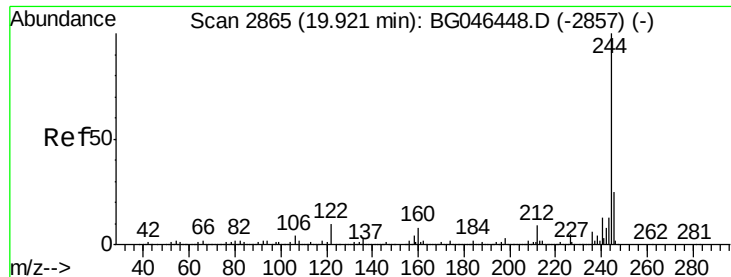


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.862 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046464.D

Acq: 26 Aug 2020 21:52

Instrument :

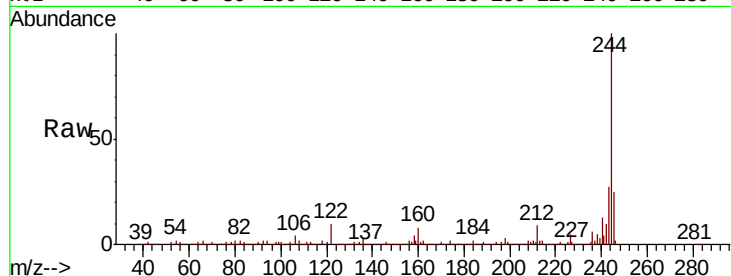
BNA_G

ClientSampleId :

RO-24

Tot Ion:244 Resp: 1788871

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.9	10.3
122	10.2	8.2	12.4

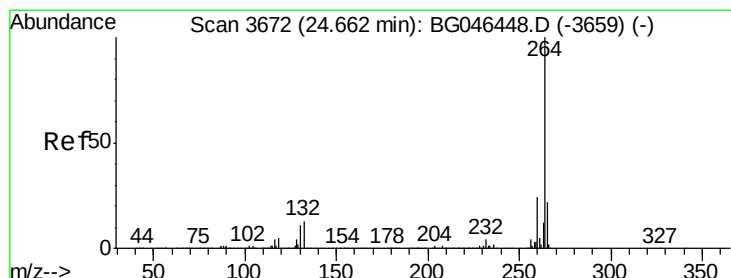
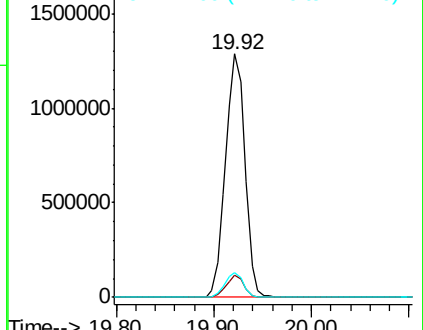
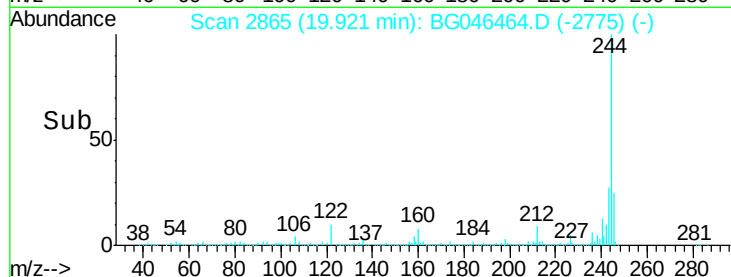


Abundance

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: 24.66 min Scan# 3671

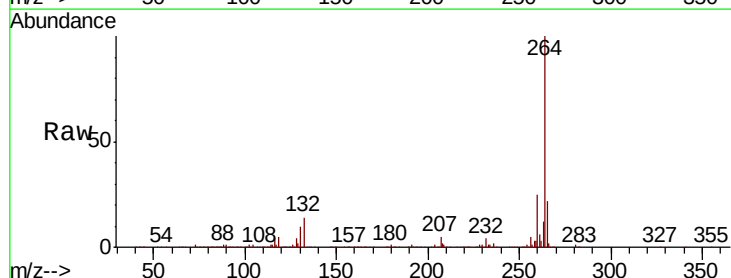
Delta R.T. -0.01 min

Lab File: BG046464.D

Acq: 26 Aug 2020 21:52

Tgt Ion:264 Resp: 533273

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.4	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

