

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
 Data File : BG046463.D
 Acq On : 26 Aug 2020 21:12
 Operator : CG/JU
 Sample : L3784-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-23

Quant Time: Aug 27 01:54:56 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	7.93	152	61051	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	242252	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	160669	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	442250	20.00	ng	0.00
76) Chrysene-d12	21.55	240	558500	20.00	ng	0.00
86) Perylene-d12	24.66	264	566115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	380569	110.41	ng	0.00
7) Phenol-d6	7.11	99	439237	89.89	ng	0.00
23) Nitrobenzene-d5	9.09	82	362285	85.47	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	274656	126.17	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	909433	86.41	ng	0.00
79) Terphenyl-d14	19.92	244	1918696	73.11	ng	0.00

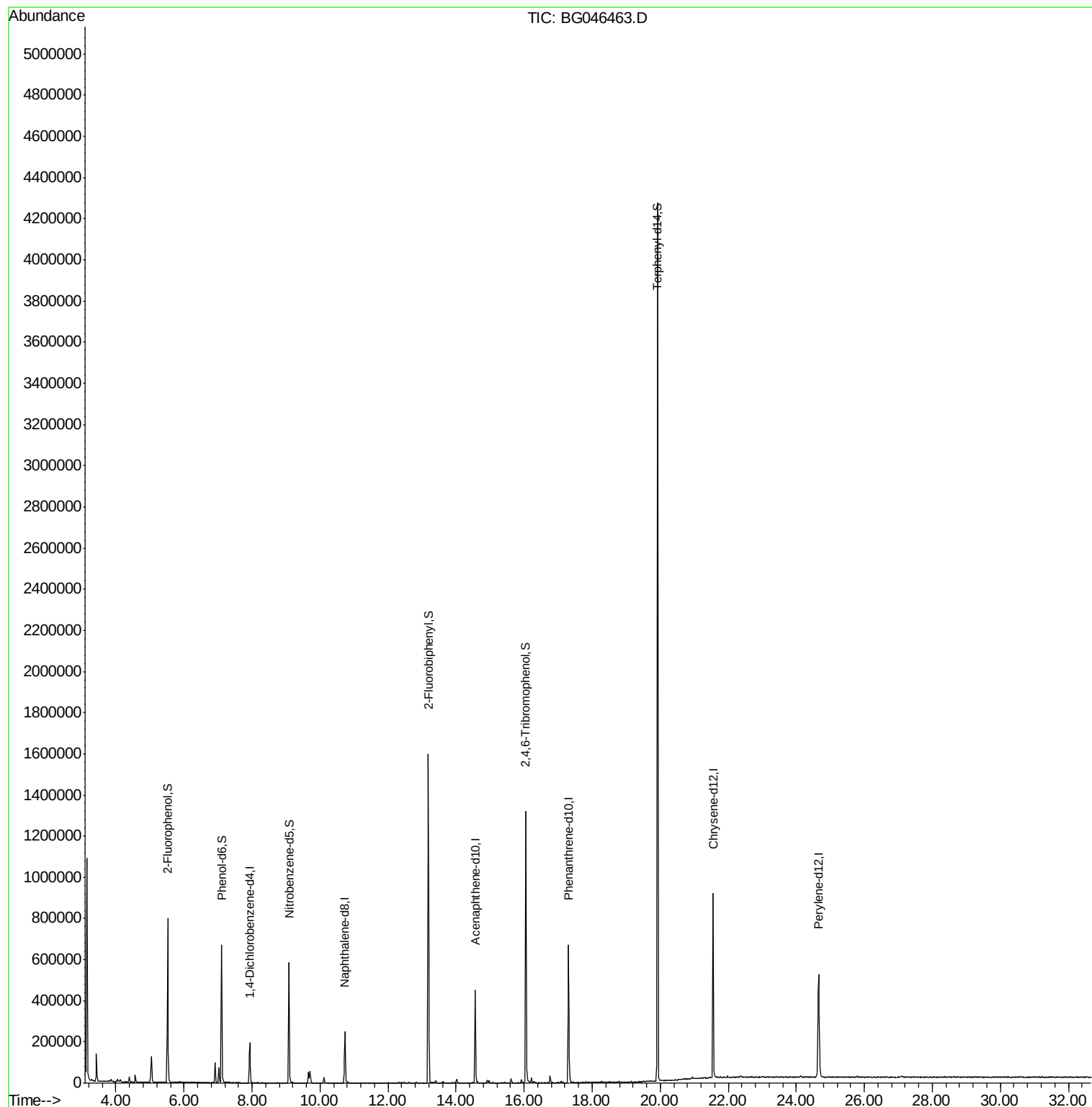
Target Compounds Qvalue

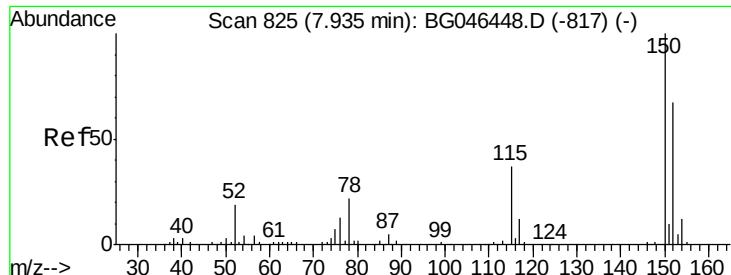
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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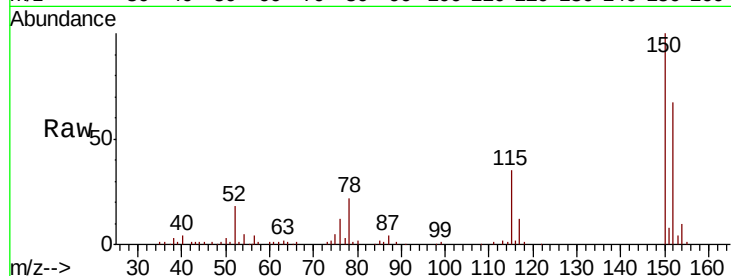


#1

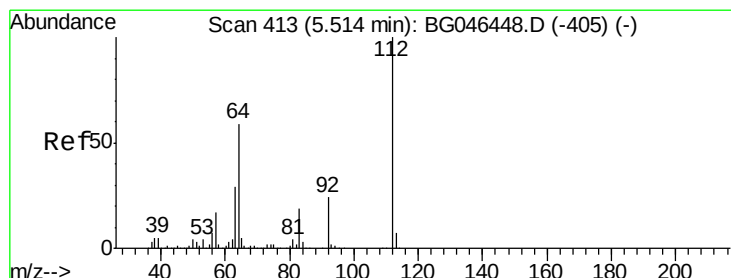
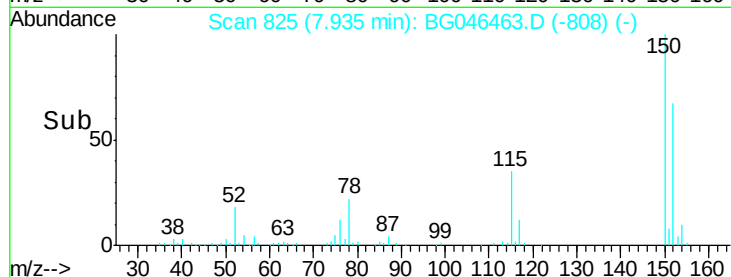
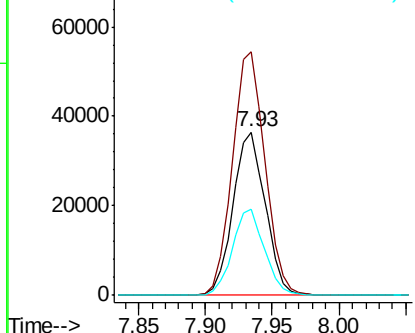
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG046463.D
Acq: 26 Aug 2020 21:12

Instrument :
BNA_G
ClientSampleId :
RO-23

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	119.5	179.3
115	52.8	44.3	66.5



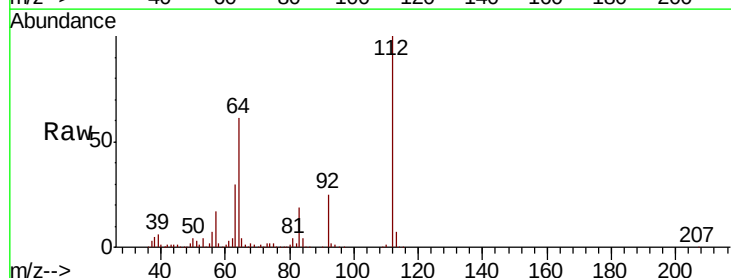
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



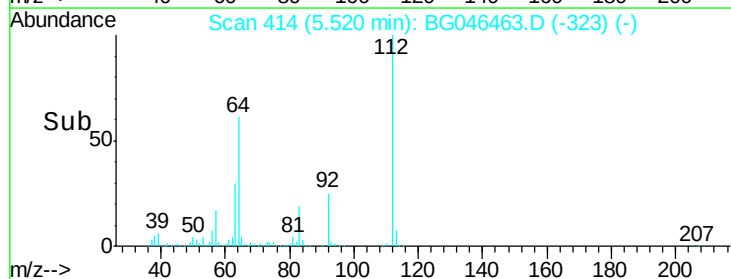
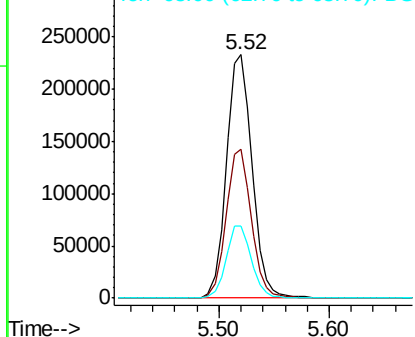
#5

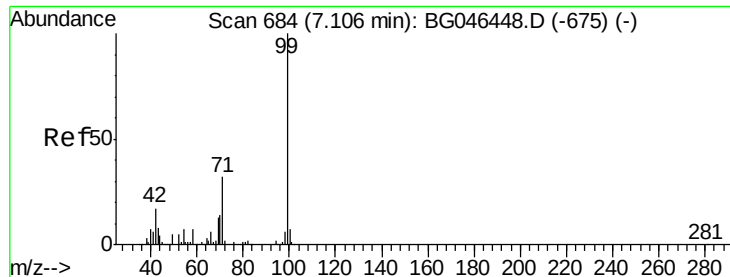
2-Fluorophenol
Concen: 110.409 ng
RT: 5.52 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG046463.D
Acq: 26 Aug 2020 21:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.0	70.6
63	29.7	23.5	35.3



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: 89.891 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG046463.D

Acq: 26 Aug 2020 21:12

Instrument :

BNA_G

ClientSampleId :

RO-23

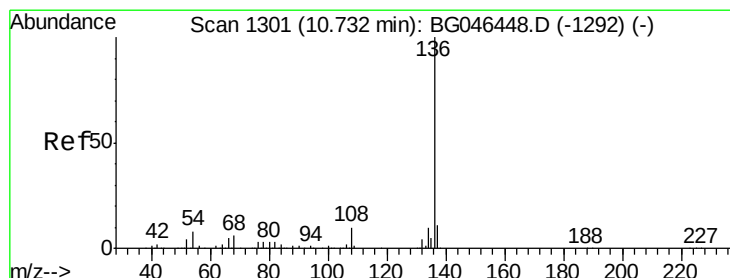
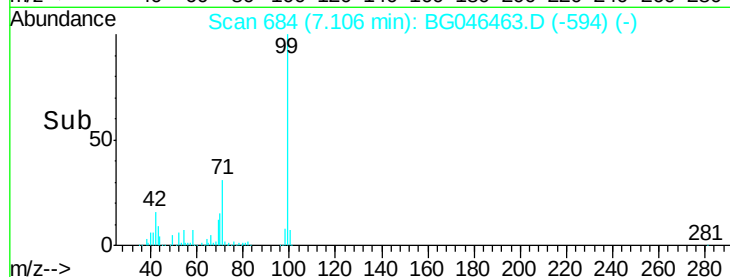
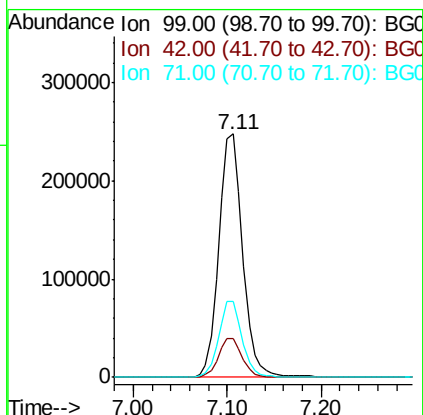
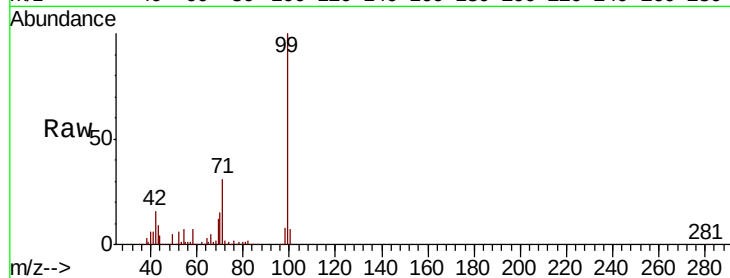
Tot Ion: 99 Resp: 439237

Ion Ratio Lower Upper

99 100

42 15.9 13.3 19.9

71 31.1 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BG046463.D

Acq: 26 Aug 2020 21:12

Tgt Ion: 136 Resp: 242252

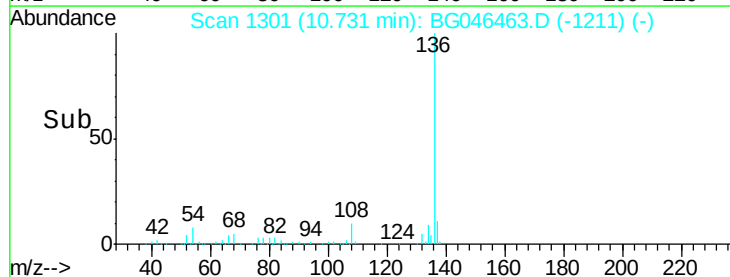
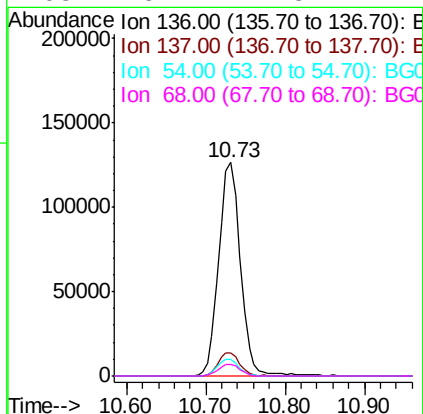
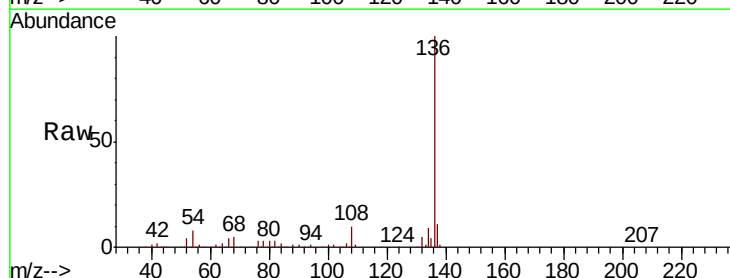
Ion Ratio Lower Upper

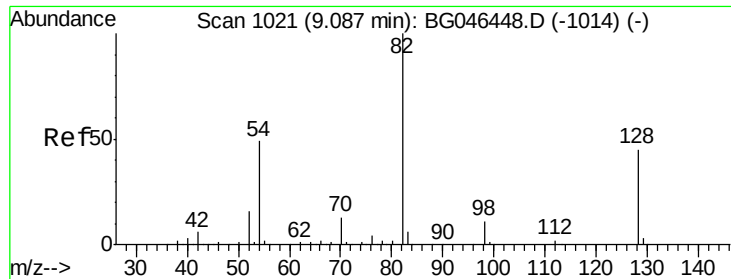
136 100

137 10.9 8.8 13.2

54 7.8 6.1 9.1

68 5.4 4.8 7.2

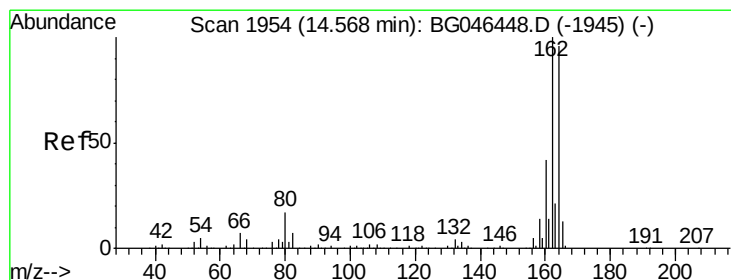
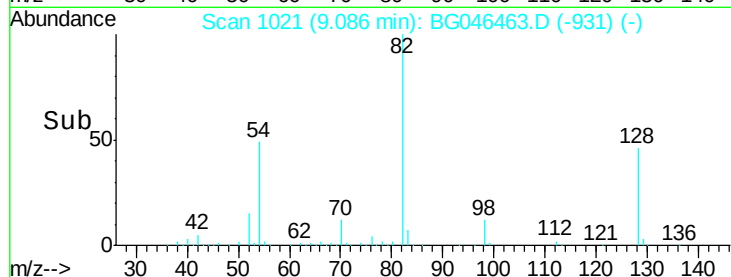
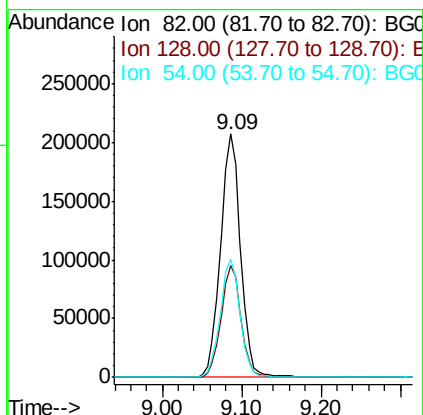
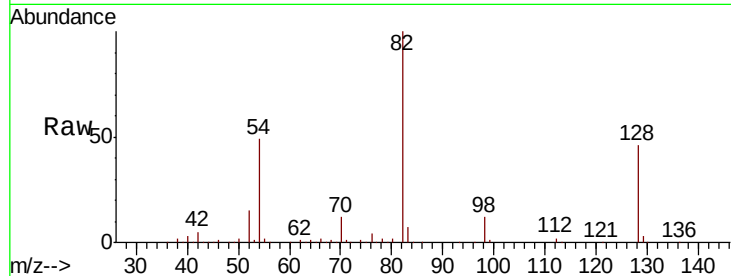




#23
 Nitrobenzene-d5
 Concen: 85.475 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG046463.D
 Acq: 26 Aug 2020 21:12

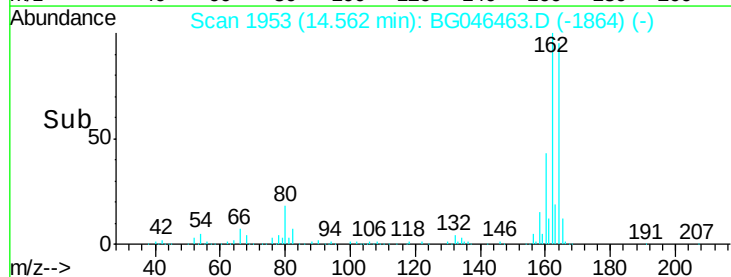
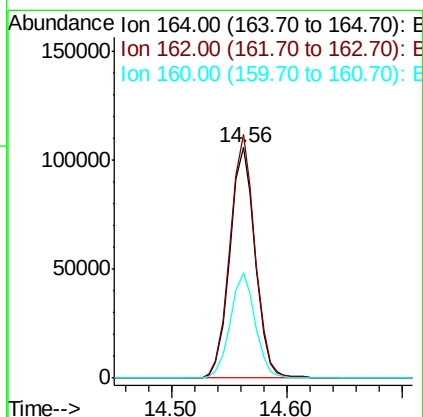
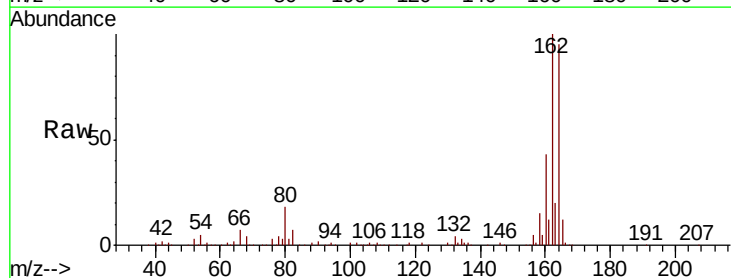
Instrument :
 BNA_G
 ClientSampled :
 RO-23

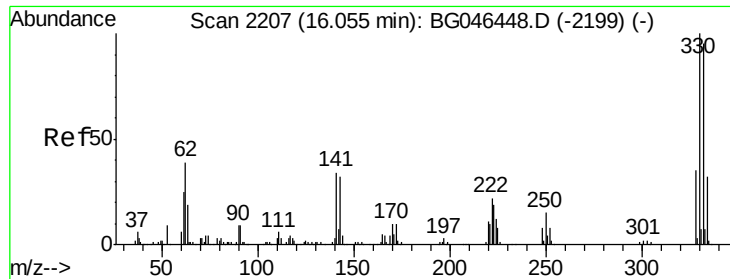
Tot Ion	82	Resp	362285
Ion Ratio	Lower	Upper	
82	100		
128	45.9	35.7	53.5
54	48.8	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG046463.D
 Acq: 26 Aug 2020 21:12

Tgt Ion	164	Resp	160669
Ion Ratio	Lower	Upper	
164	100		
162	105.6	83.3	124.9
160	45.6	35.0	52.6

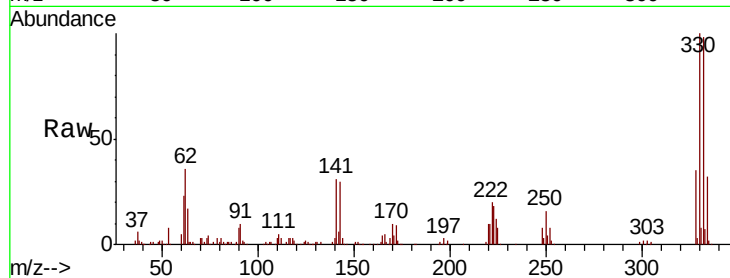




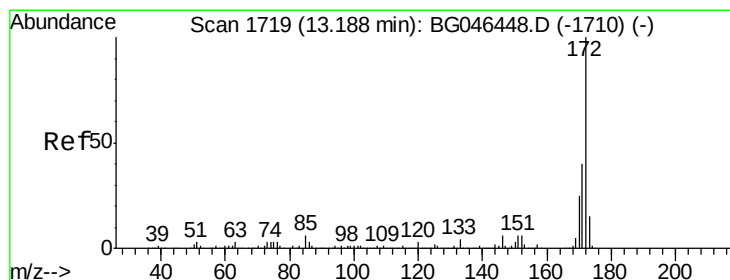
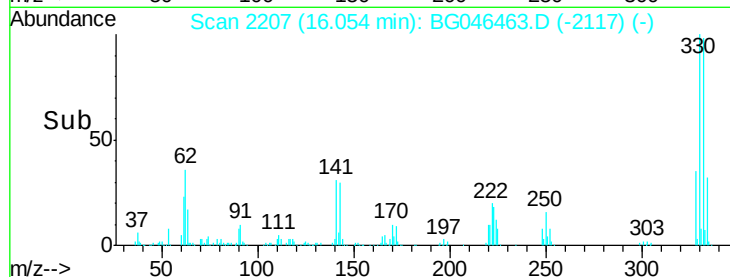
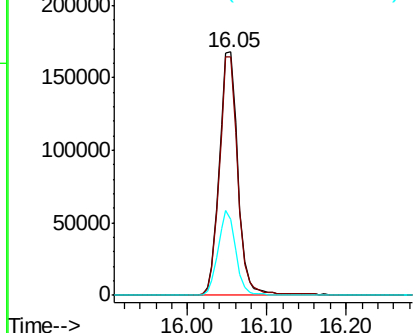
#42
 2,4,6-Tribromophenol
 Concen: 126.165 ng
 RT: 16.05 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG046463.D
 Acq: 26 Aug 2020 21:12

Instrument :
 BNA_G
 ClientSampleId :
 RO-23

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.1	114.1
141	33.0	26.1	39.1

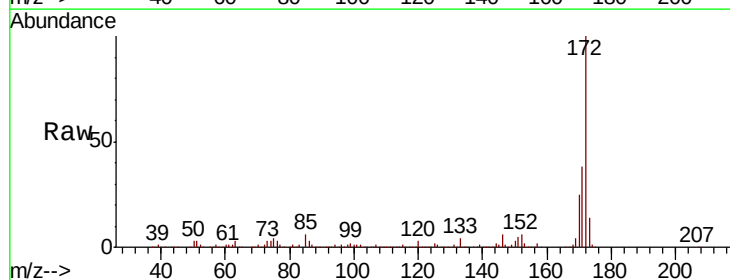


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

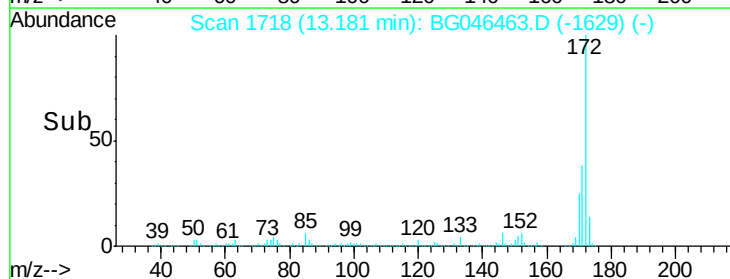
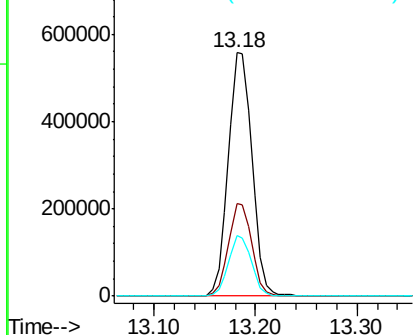


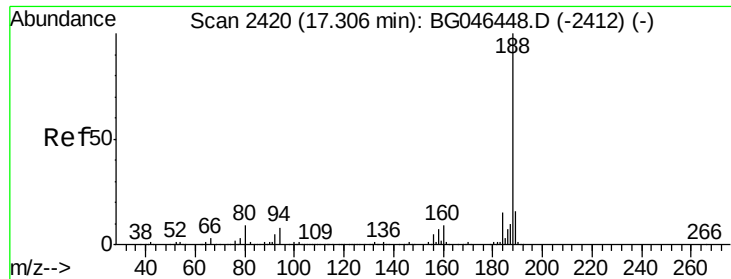
#45
 2-Fluorobiphenyl
 Concen: 86.408 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046463.D
 Acq: 26 Aug 2020 21:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.8	47.6
170	24.8	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: 17.31 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BG046463.D

Acq: 26 Aug 2020 21:12

Instrument :

BNA_G

ClientSampleId :

RO-23

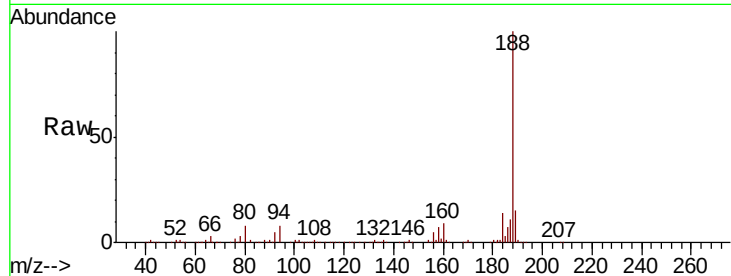
Tot Ion:188 Resp: 442250

Ion Ratio Lower Upper

188 100

94 7.6 6.3 9.5

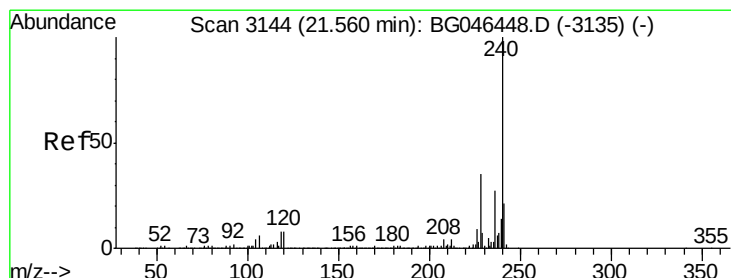
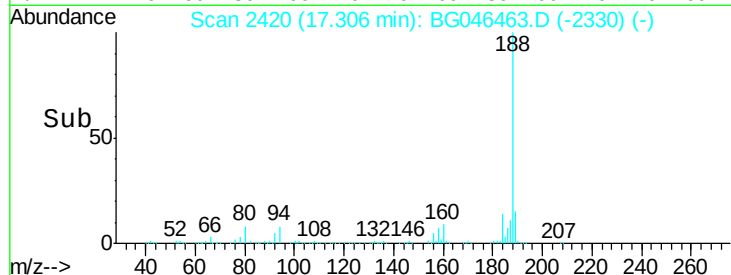
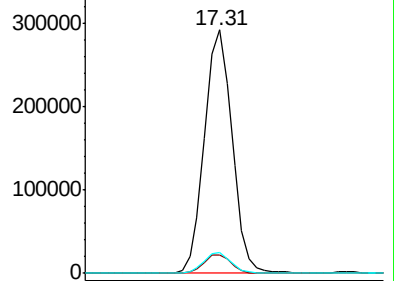
80 8.4 6.9 10.3



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: BG046463.D

Acq: 26 Aug 2020 21:12

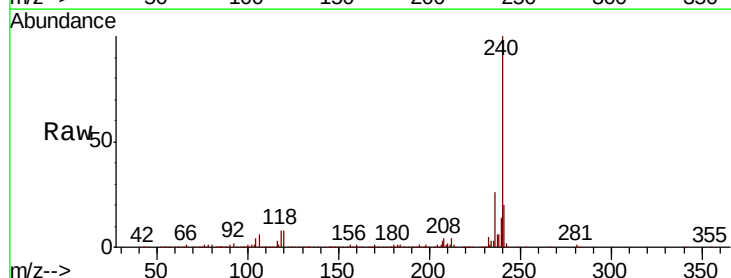
Tgt Ion:240 Resp: 558500

Ion Ratio Lower Upper

240 100

120 8.0 6.6 10.0

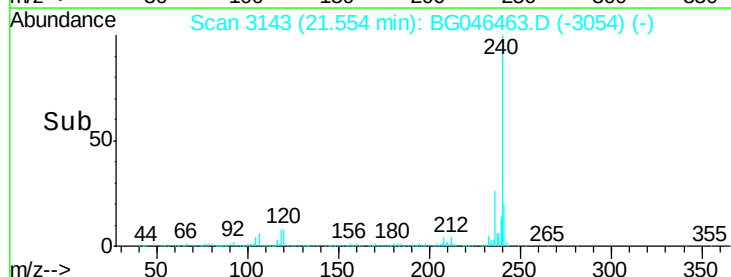
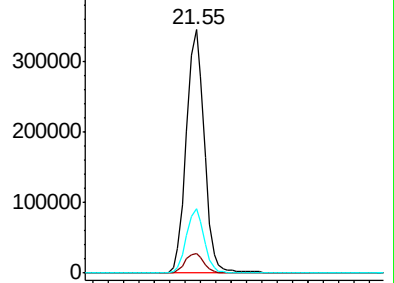
236 26.5 21.4 32.2

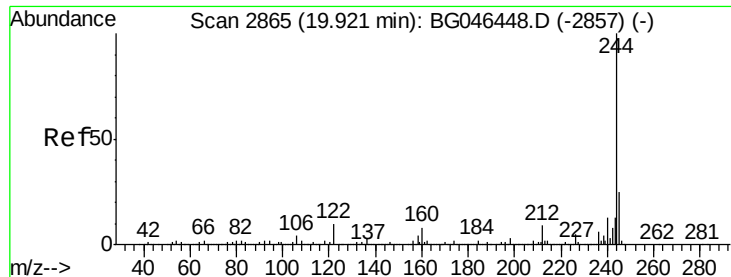


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.112 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BG046463.D

Acq: 26 Aug 2020 21:12

Instrument :

BNA_G

ClientSampleId :

RO-23

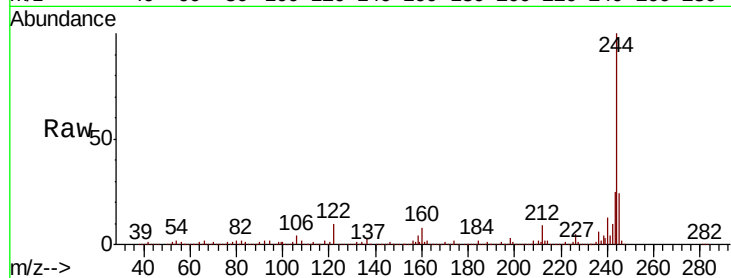
Tot Ion:244 Resp: 1918696

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	10.4	8.2	12.4

244 100

212 8.6 6.9 10.3

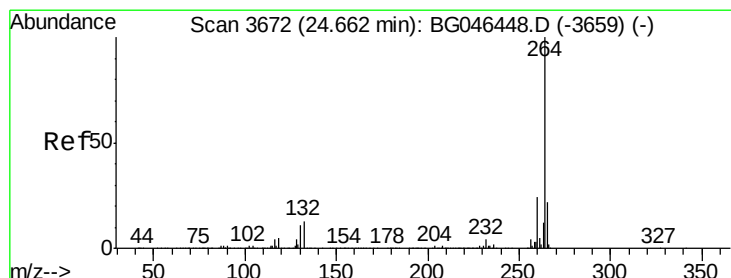
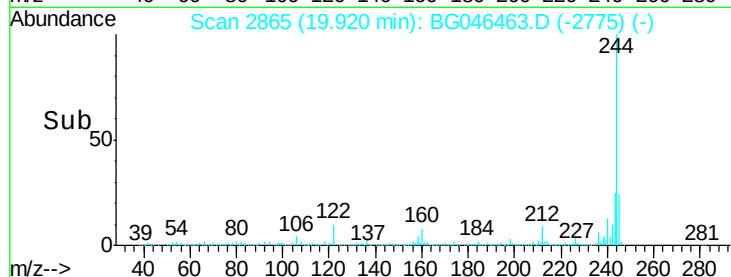
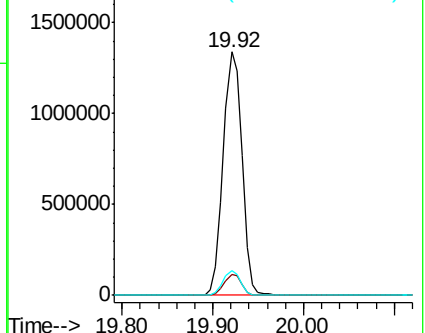
122 10.4 8.2 12.4



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: BG046463.D

Acq: 26 Aug 2020 21:12

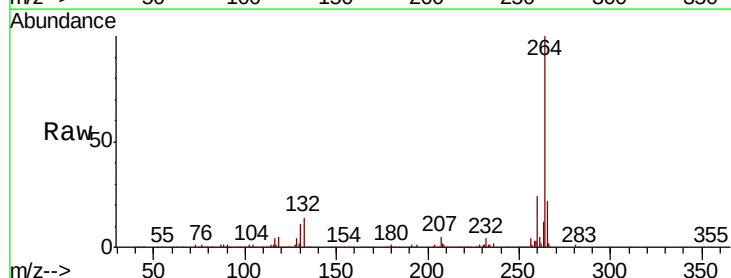
Tgt Ion:264 Resp: 566115

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.9	26.9

264 100

260 23.7 19.2 28.8

265 21.6 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

