

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
 Data File : BG046494.D
 Acq On : 1 Sep 2020 21:29
 Operator : CG/JU
 Sample : L3849-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 209

Quant Time: Sep 02 01:14:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	62659	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	253823	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	181102	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	480094	20.00	ng	0.00
76) Chrysene-d12	21.55	240	510782	20.00	ng	0.00
86) Perylene-d12	24.65	264	528135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	405559	114.64	ng	0.00
7) Phenol-d6	7.10	99	497695	99.24	ng	0.00
23) Nitrobenzene-d5	9.08	82	383491	86.35	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	322482	131.42	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	959618	80.89	ng	0.00
79) Terphenyl-d14	19.92	244	1765297	73.55	ng	0.00

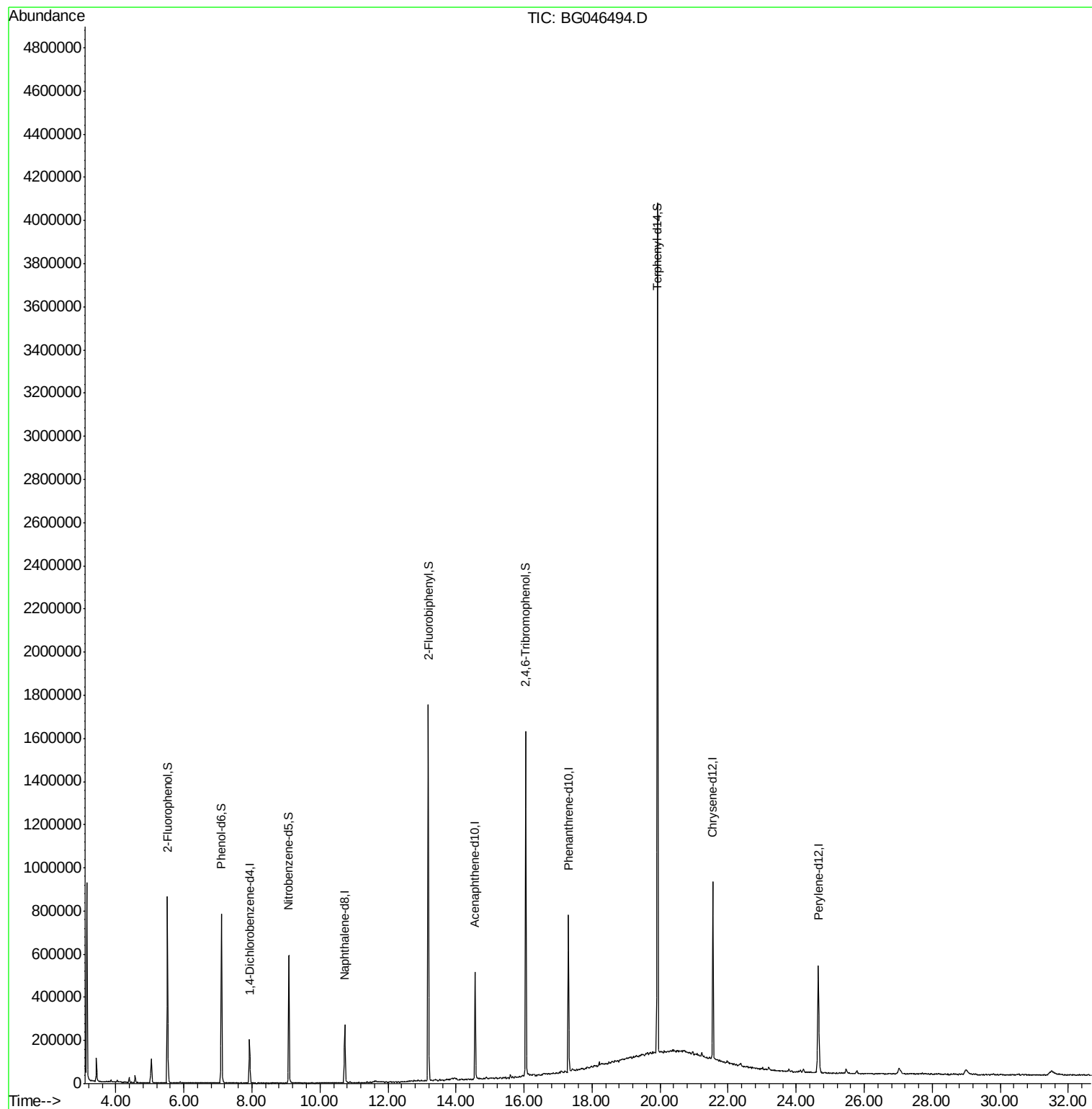
Target Compounds Qvalue

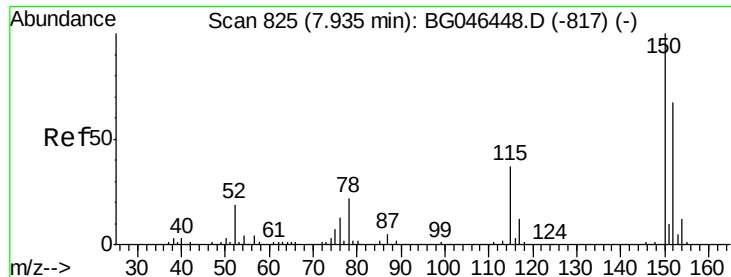
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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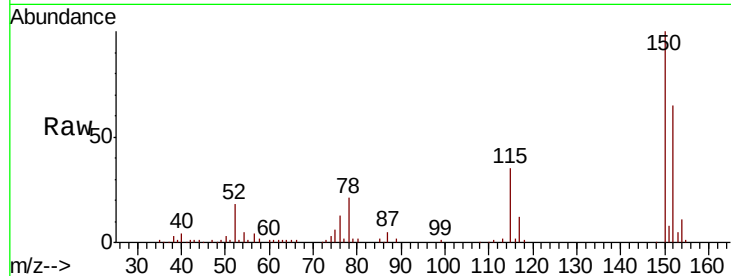


#1

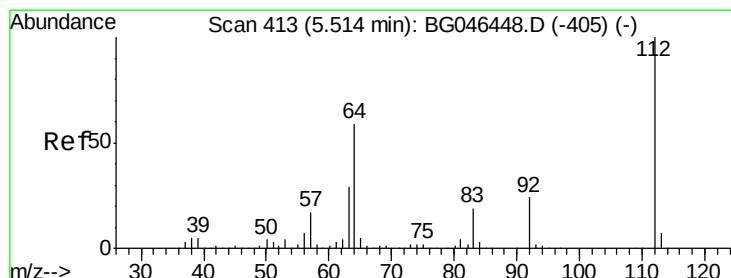
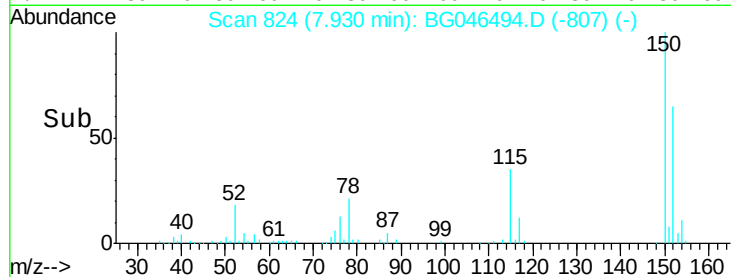
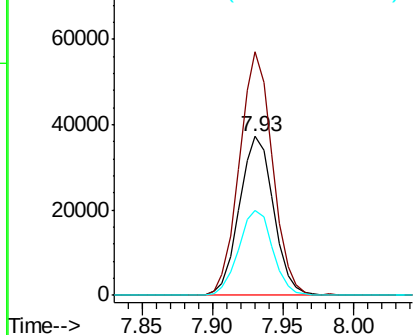
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Instrument :
BNA_G
ClientSampleId :
209

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	119.5	179.3
115	53.6	44.3	66.5



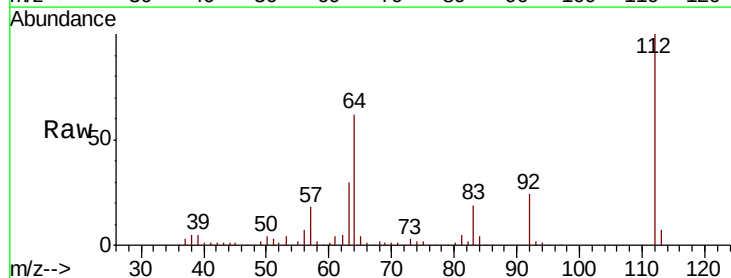
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



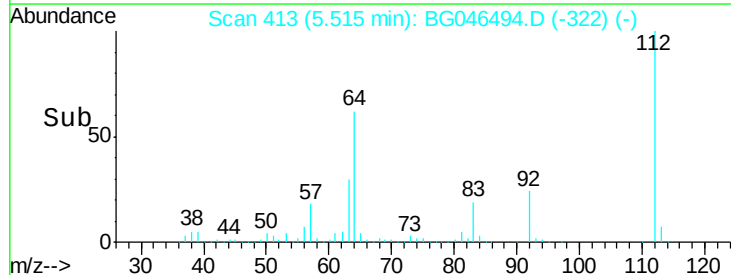
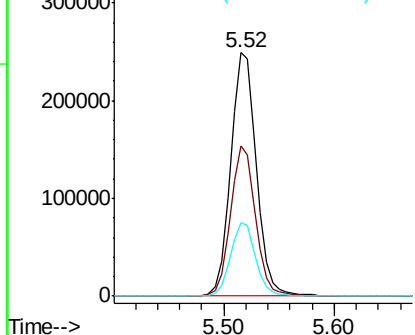
#5

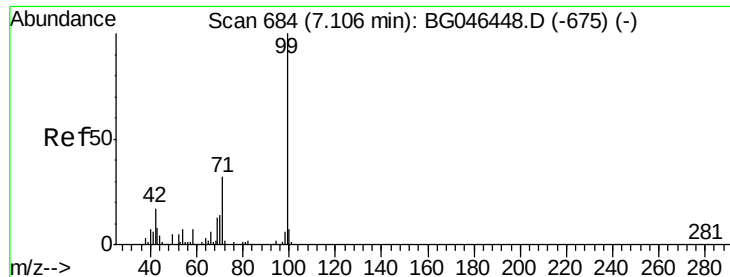
2-Fluorophenol
Concen: 114.640 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 99.240 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046494.D

Acq: 1 Sep 2020 21:29

Instrument :

BNA_G

ClientSampleId :
209

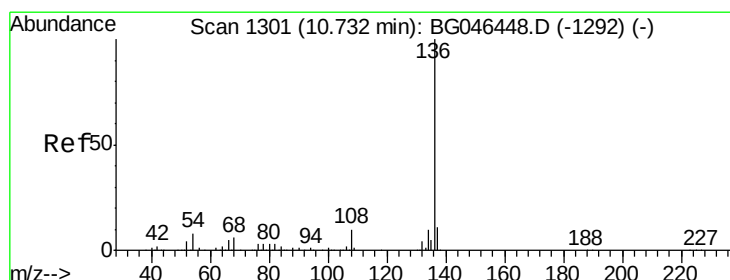
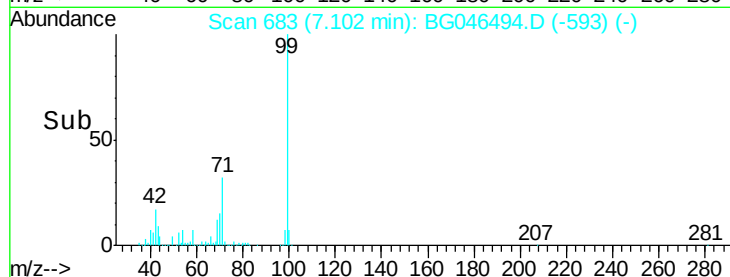
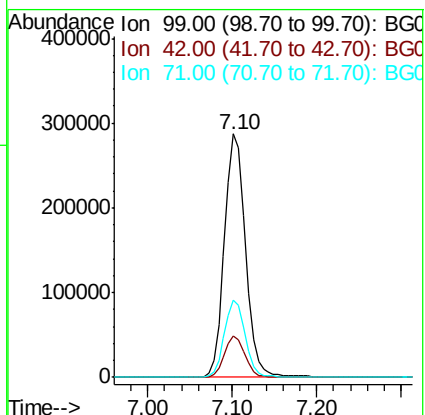
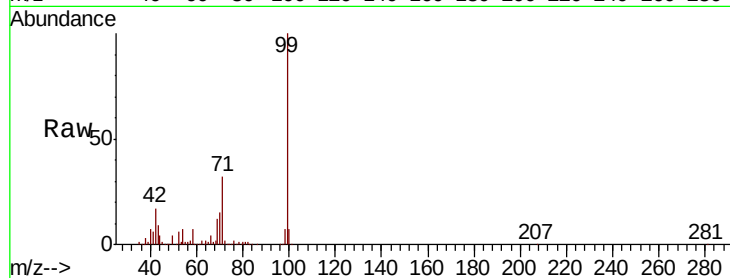
Tot Ion: 99 Resp: 497695

Ion Ratio Lower Upper

99 100

42 16.8 13.3 19.9

71 31.6 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG046494.D

Acq: 1 Sep 2020 21:29

Tgt Ion: 136 Resp: 253823

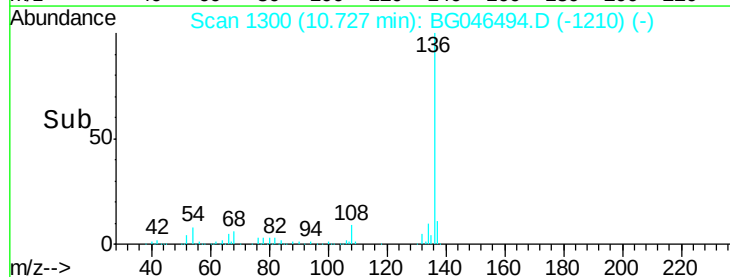
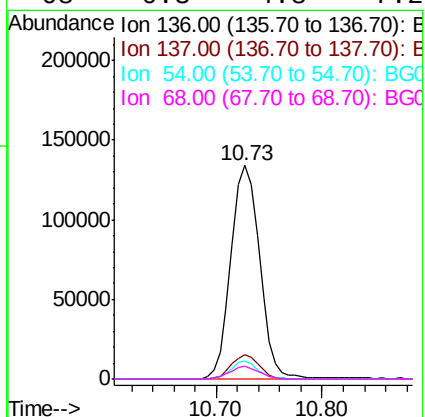
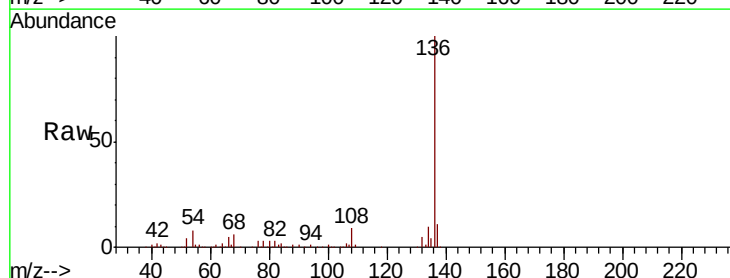
Ion Ratio Lower Upper

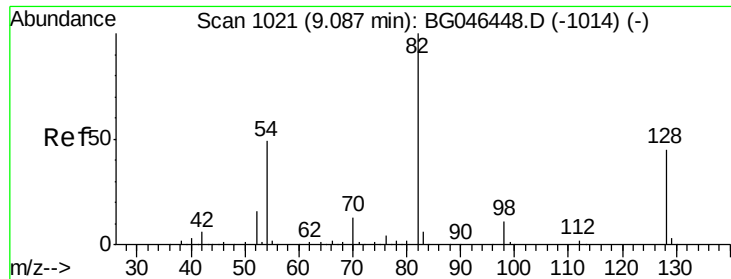
136 100

137 11.3 8.8 13.2

54 8.2 6.1 9.1

68 6.3 4.8 7.2

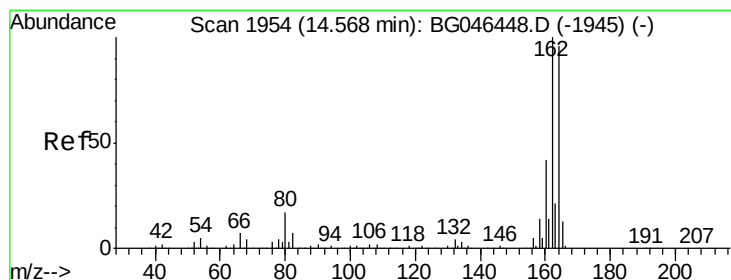
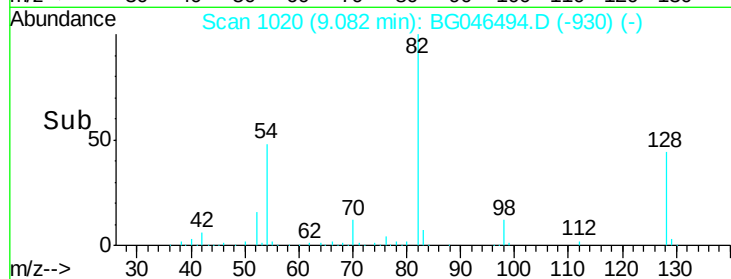
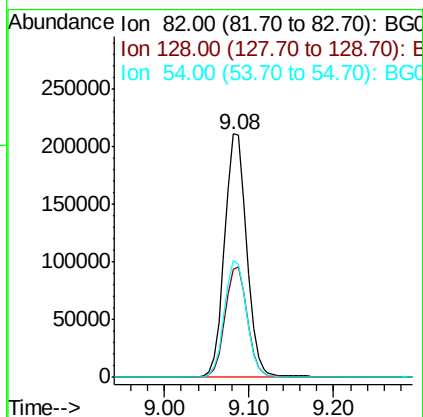
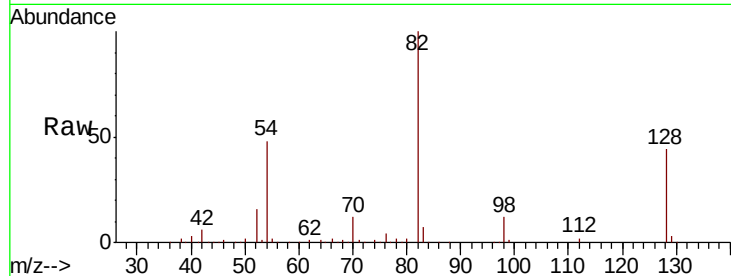




#23
 Nitrobenzene-d5
 Concen: 86.353 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046494.D
 Acq: 1 Sep 2020 21:29

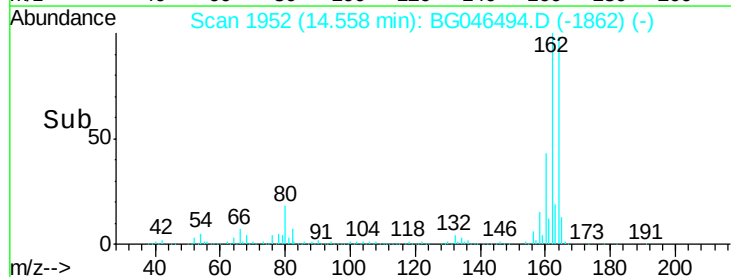
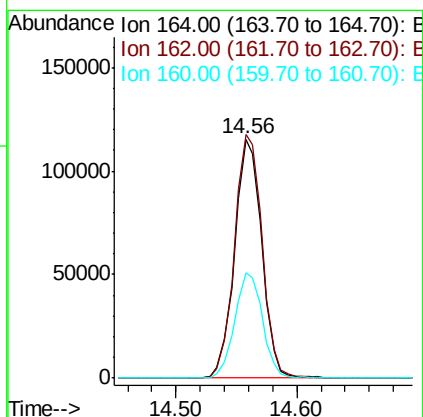
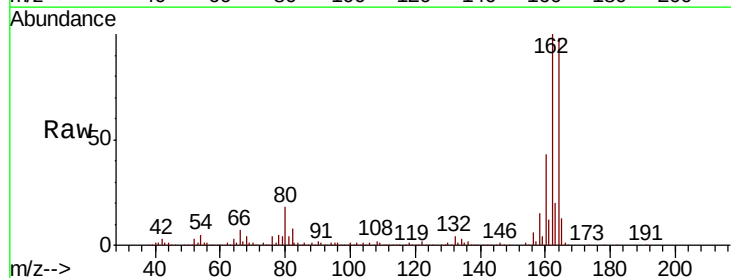
Instrument :
 BNA_G
 ClientSampleId :
 209

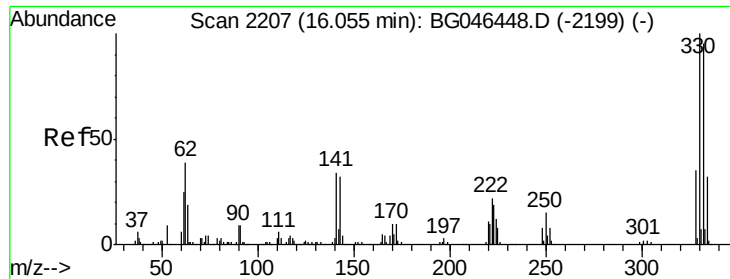
Tot Ion: 82 Resp: 383491
 Ion Ratio Lower Upper
 82 100
 128 44.2 35.7 53.5
 54 48.3 39.4 59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046494.D
 Acq: 1 Sep 2020 21:29

Tgt Ion: 164 Resp: 181102
 Ion Ratio Lower Upper
 164 100
 162 101.8 83.3 124.9
 160 44.2 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 131.421 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046494.D

Acq: 1 Sep 2020 21:29

Instrument :

BNA_G

ClientSampleId :

209

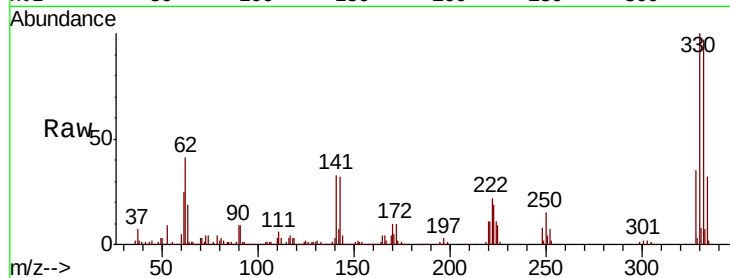
Tot Ion:330 Resp: 322482

Ion Ratio Lower Upper

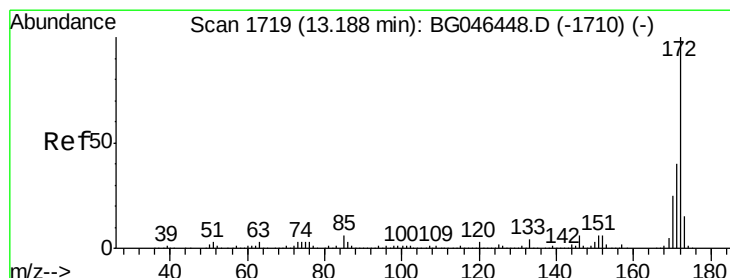
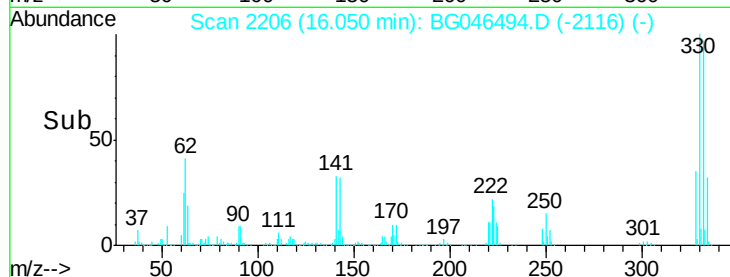
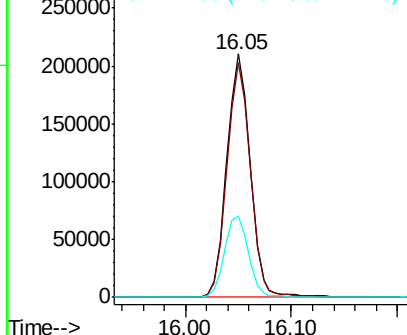
330 100

332 97.1 76.1 114.1

141 34.9 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: 80.889 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BG046494.D

Acq: 1 Sep 2020 21:29

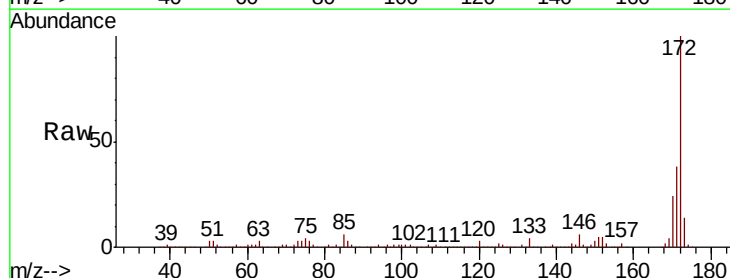
Tgt Ion:172 Resp: 959618

Ion Ratio Lower Upper

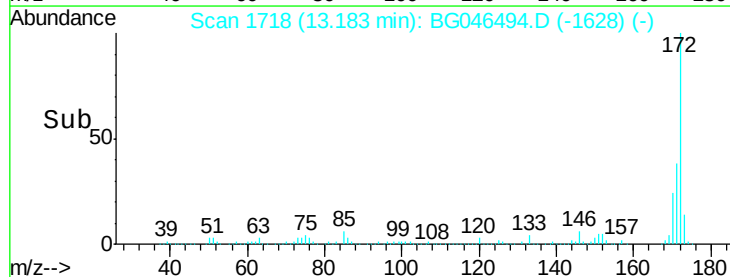
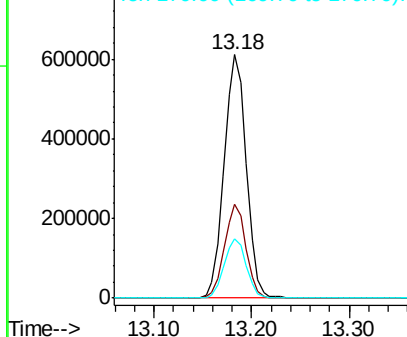
172 100

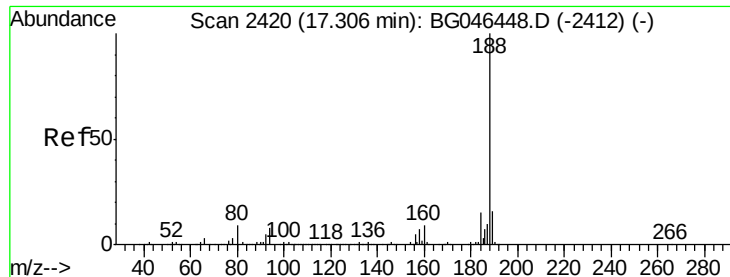
171 38.3 31.8 47.6

170 24.4 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: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046494.D

Acq: 1 Sep 2020 21:29

Instrument :

BNA_G

ClientSampleId :

209

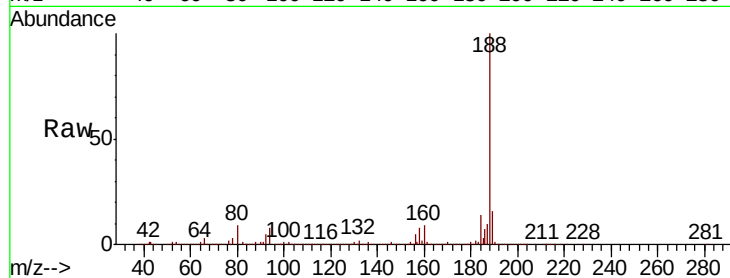
Tot Ion:188 Resp: 480094

Ion Ratio Lower Upper

188 100

94 8.0 6.3 9.5

80 9.0 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

400000

300000

200000

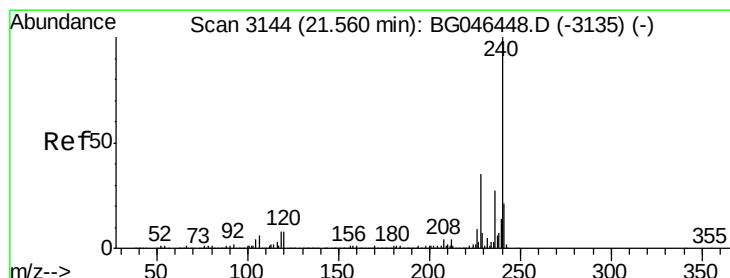
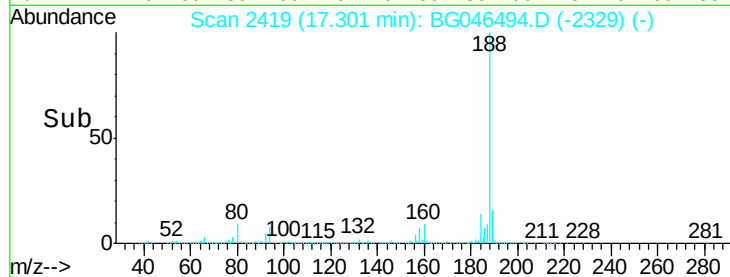
100000

0

17.30

17.40

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG046494.D

Acq: 1 Sep 2020 21:29

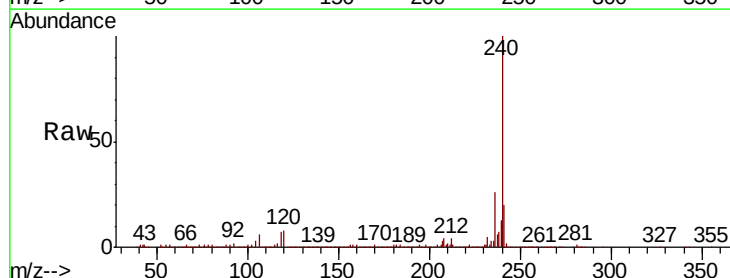
Tgt Ion:240 Resp: 510782

Ion Ratio Lower Upper

240 100

120 8.4 6.6 10.0

236 26.0 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

400000

300000

200000

100000

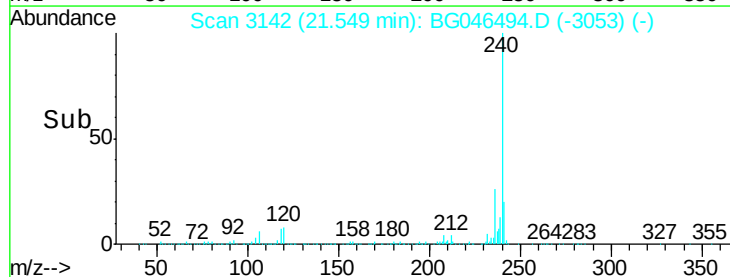
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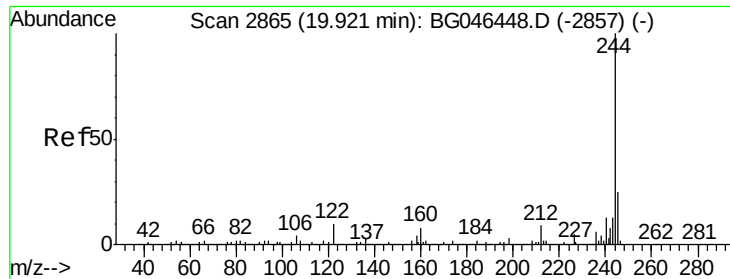
21.55

21.60

21.70

Time-->





#79

Terphenyl-d14

Concen: 73.551 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046494.D

Acq: 1 Sep 2020 21:29

Instrument :

BNA_G

ClientSampleId :

209

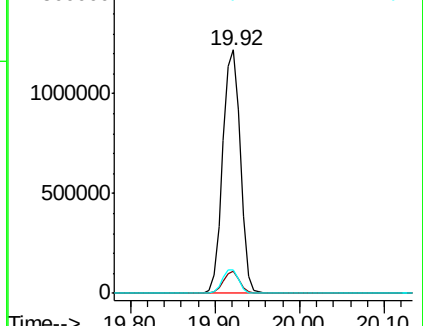
Tot Ion:244 Resp: 1765297

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.9	10.3
122	9.8	8.2	12.4

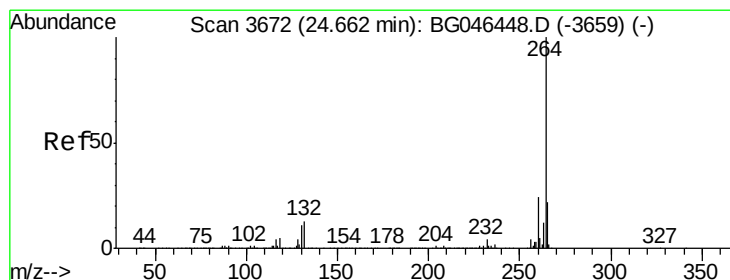
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BG046494.D

Acq: 1 Sep 2020 21:29

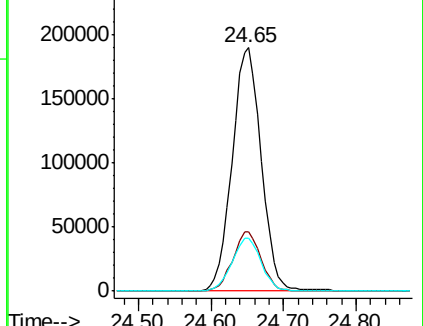
Tgt Ion:264 Resp: 528135

Ion	Ratio	Lower	Upper
264	100		
260	24.6	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



Time-->

