

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040829.D
 Acq On : 9 May 2019 23:34
 Operator : HP/JU
 Sample : K2762-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS003-1824-01

Quant Time: May 10 06:56:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

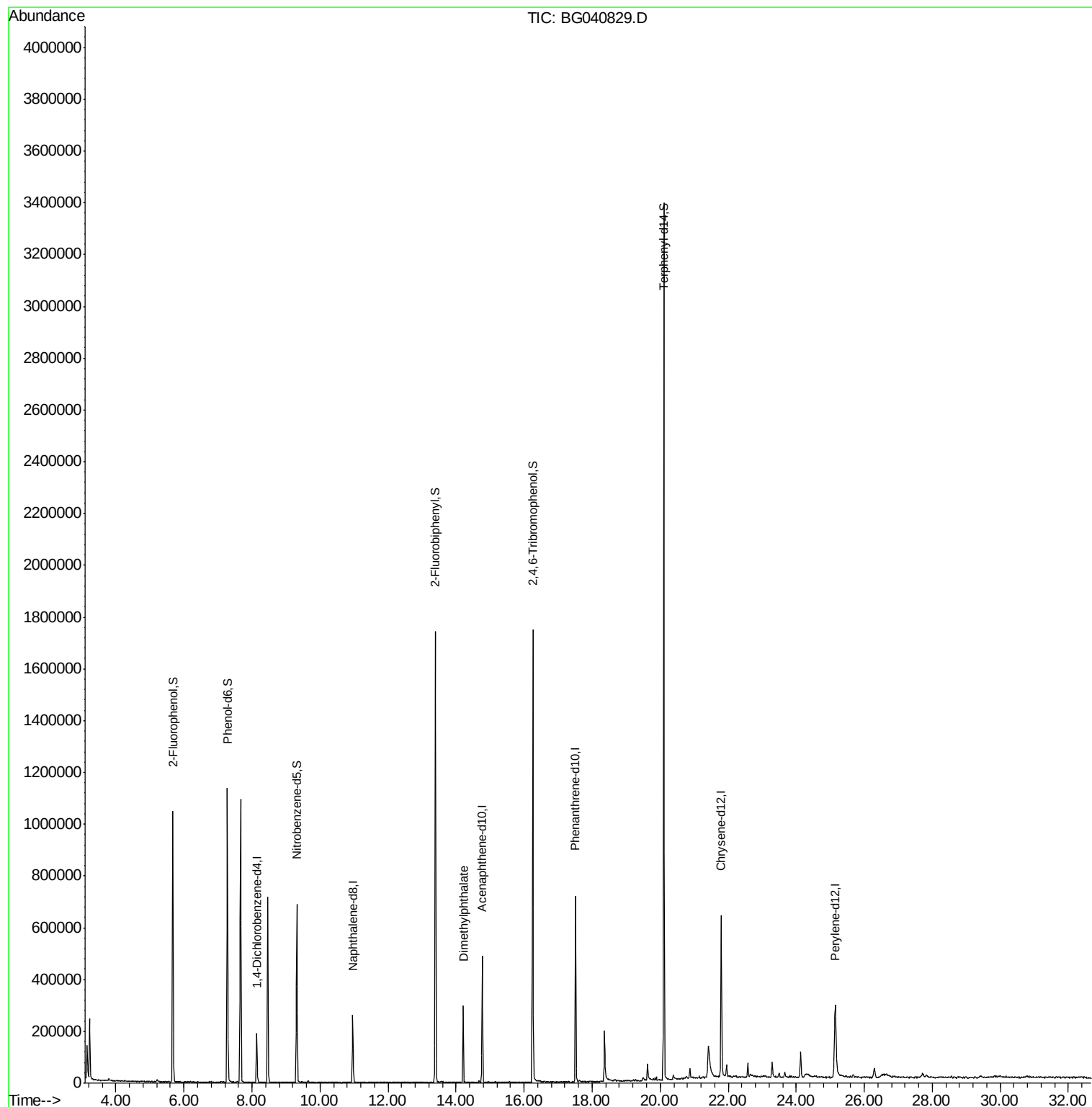
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	48362	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	207223	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	164171	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	429763	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	406761	20.00	ng	-0.03
87) Perylene-d12	25.15	264	375594	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	389562	141.99	ng	-0.01
7) Phenol-d6	7.28	99	588642	139.35	ng	-0.02
23) Nitrobenzene-d5	9.32	82	410348	91.50	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	321190	142.34	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	867075	76.28	ng	-0.02
79) Terphenyl-d14	20.11	244	1572080	85.62	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	14.21	163	182087	13.256	ng	99

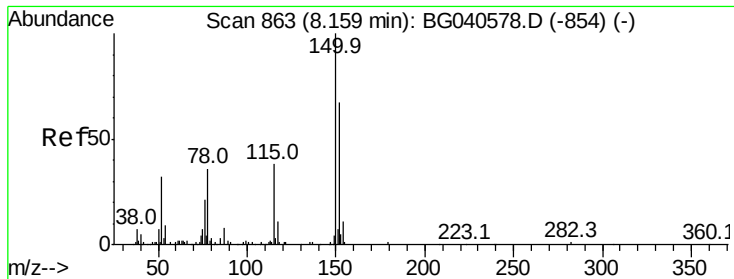
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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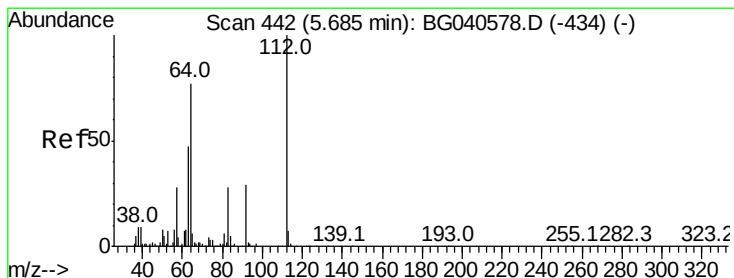
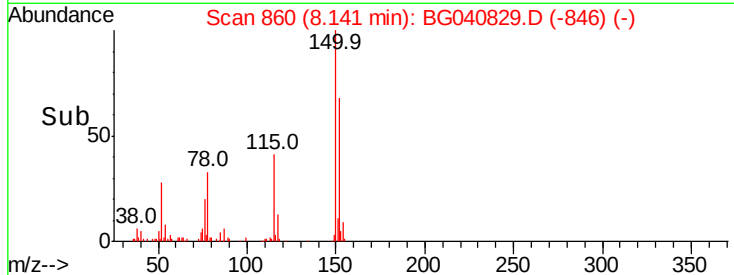
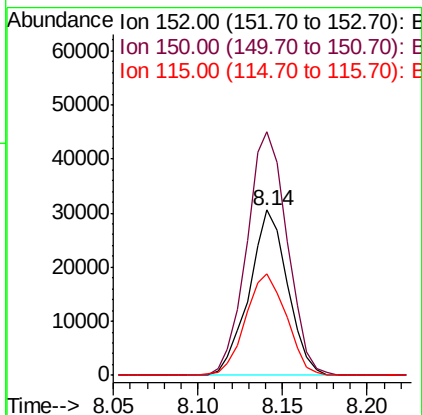
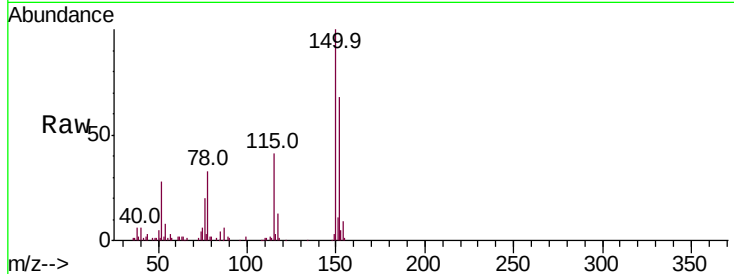


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Instrument :
BNA_G
ClientSampleId :
P021-SS003-1824-01

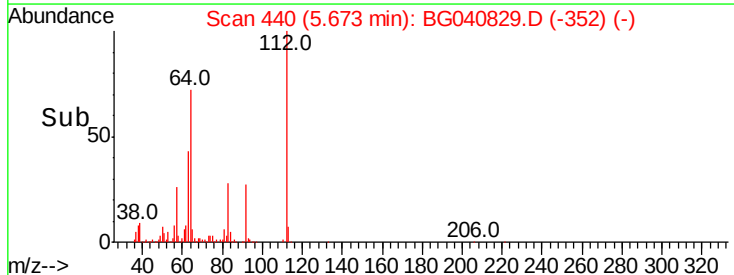
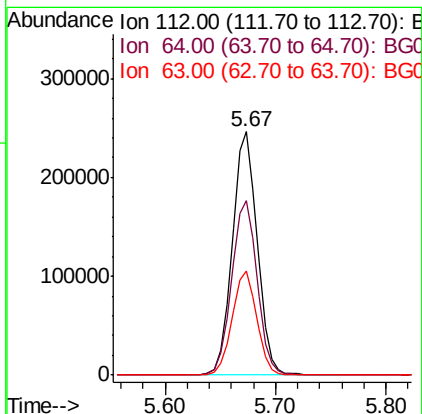
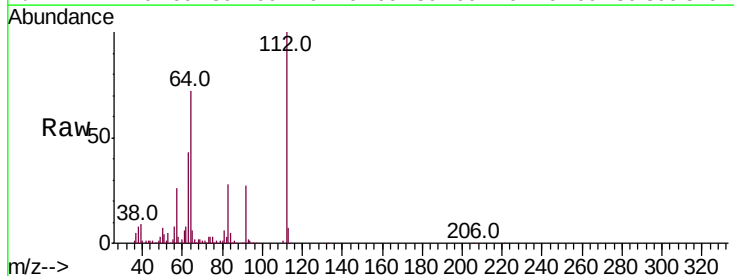
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	120.2	180.2
115	61.2	46.2	69.2

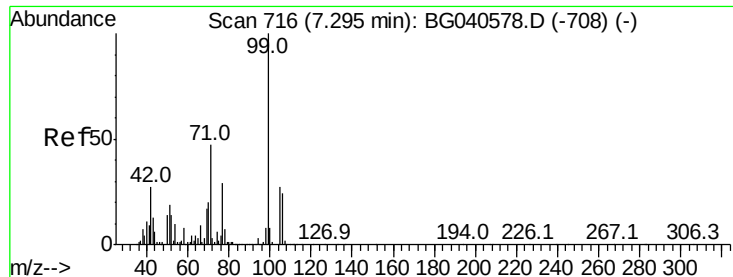


#5

2-Fluorophenol
Concen: 141.993 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.7	61.4	92.0
63	42.8	37.8	56.6





#7

Phenol-d6

Concen: 139.348 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040829.D

Acq: 9 May 2019 23:34

Instrument :

BNA_G

ClientSampleId :

P021-SS003-1824-01

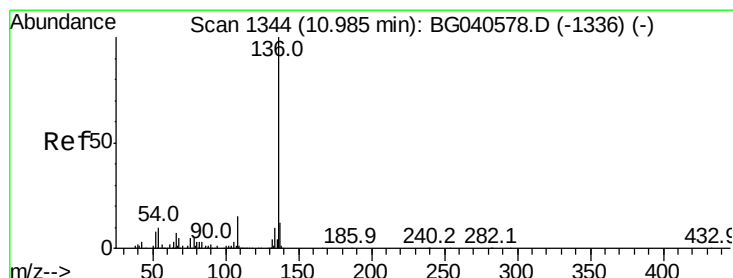
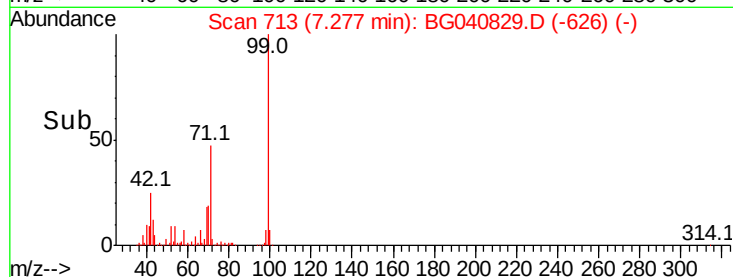
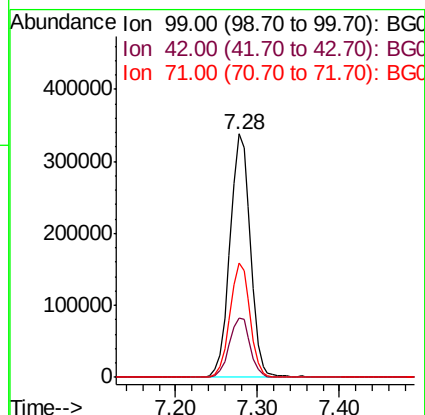
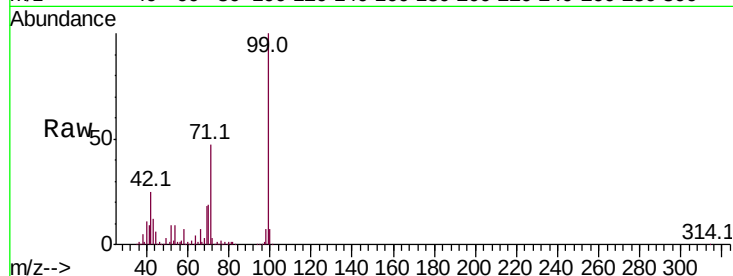
Tot Ion: 99 Resp: 588642

Ion Ratio Lower Upper

99 100

42 24.6 21.8 32.8

71 46.7 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BG040829.D

Acq: 9 May 2019 23:34

Tgt Ion: 136 Resp: 207223

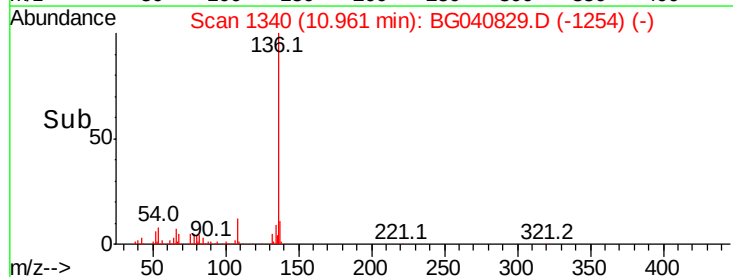
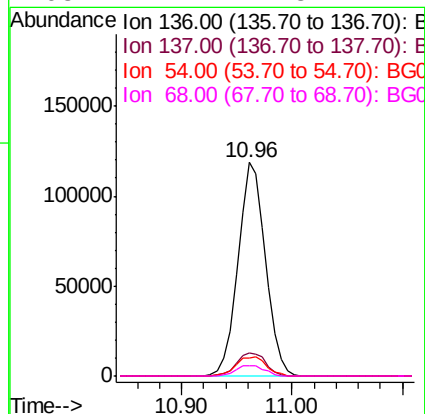
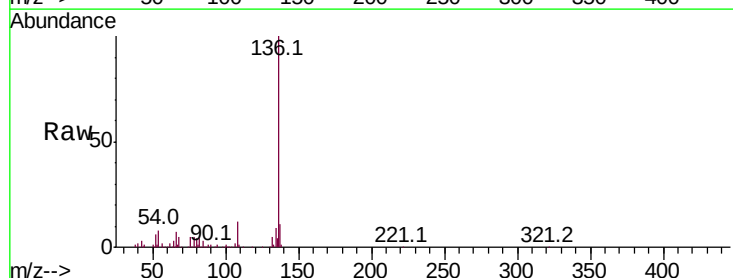
Ion Ratio Lower Upper

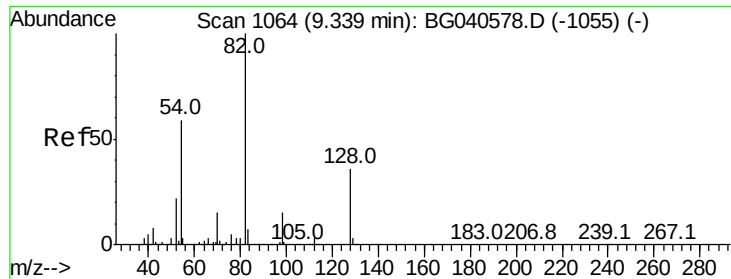
136 100

137 11.1 9.7 14.5

54 8.5 8.6 12.8#

68 4.7 4.8 7.2#

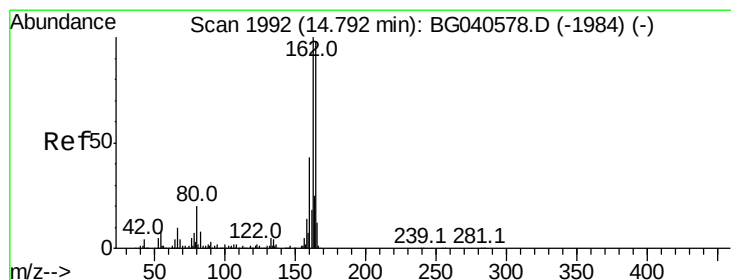
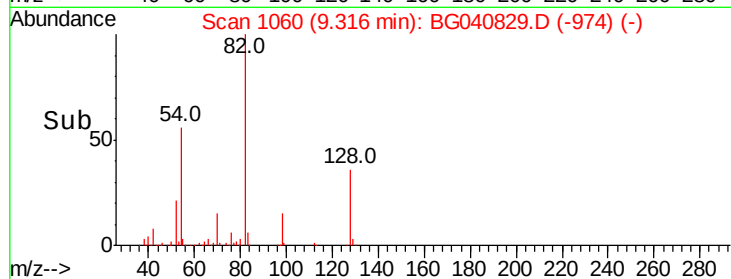
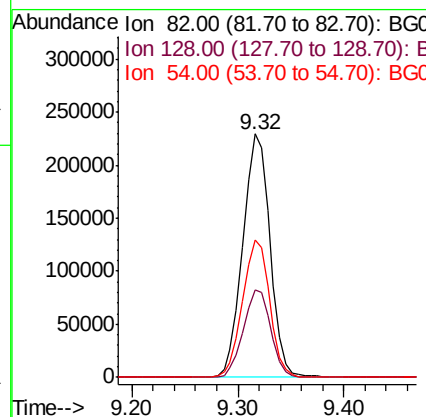
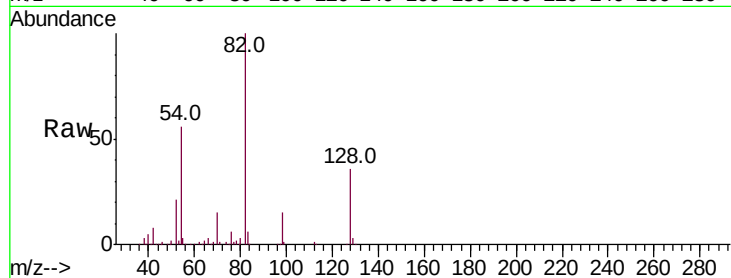




#23
 Nitrobenzene-d5
 Concen: 91.499 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BG040829.D
 Acq: 9 May 2019 23:34

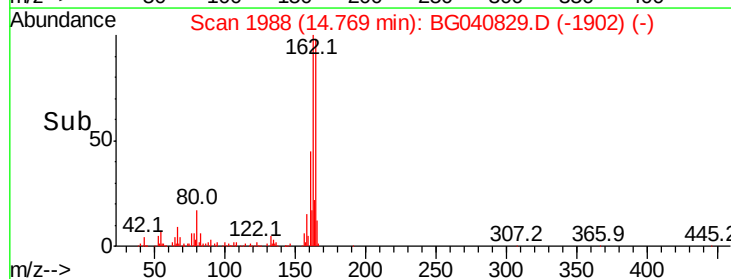
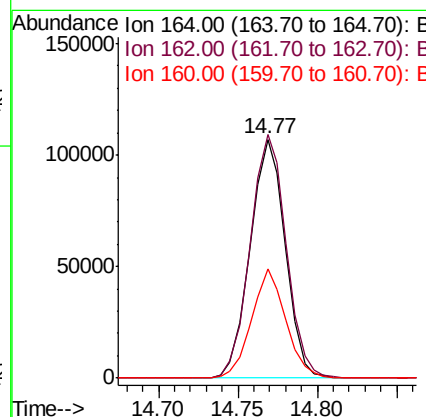
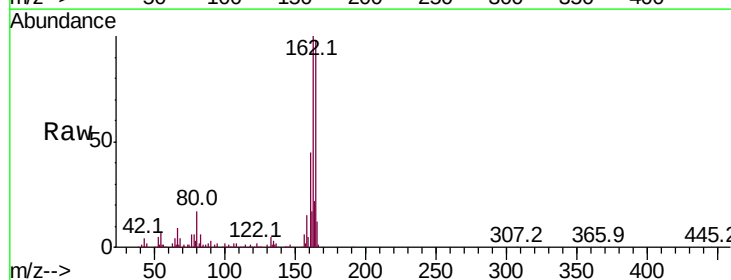
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS003-1824-01

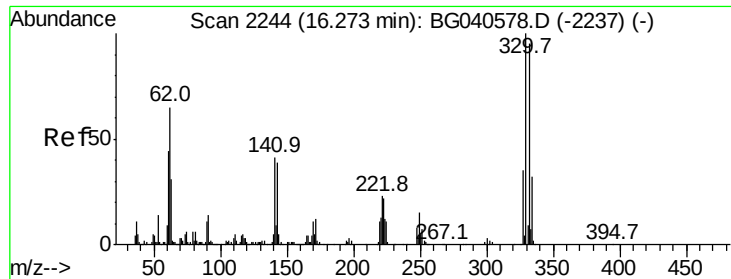
Tot Ion	82	Resp	410348
Ion Ratio	Lower	Upper	
82	100		
128	36.1	28.9	43.3
54	56.3	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040829.D
 Acq: 9 May 2019 23:34

Tgt Ion	164	Resp	164171
Ion Ratio	Lower	Upper	
164	100		
162	102.0	81.9	122.9
160	45.8	35.4	53.2

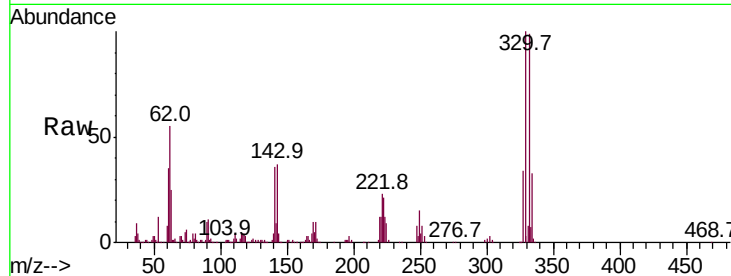




#42
2,4,6-Tribromophenol
Concen: 142.336 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Instrument :
BNA_G
ClientSampleId :
P021-SS003-1824-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.9	113.9
141	36.8	32.4	48.6

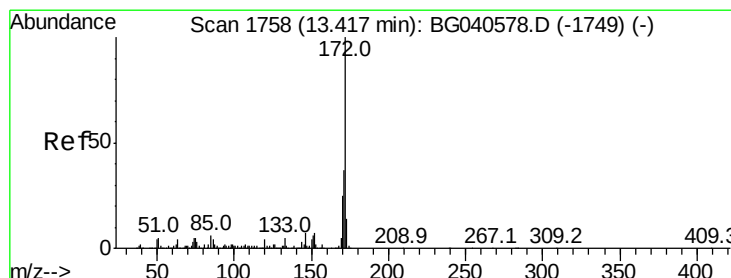
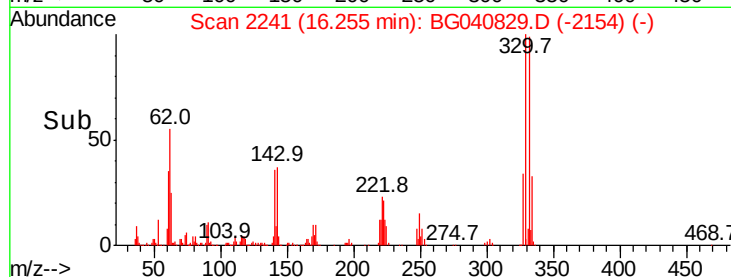
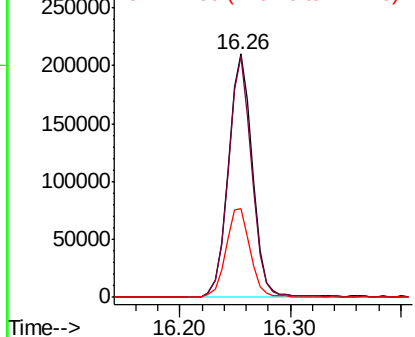


Abundance

Ion 329.80 (329.50 to 330.50): E

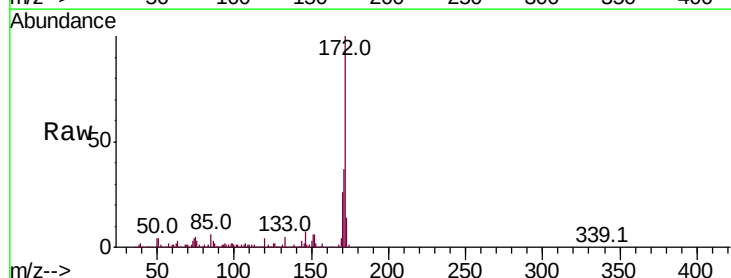
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 76.276 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.2
170	25.6	19.9	29.9

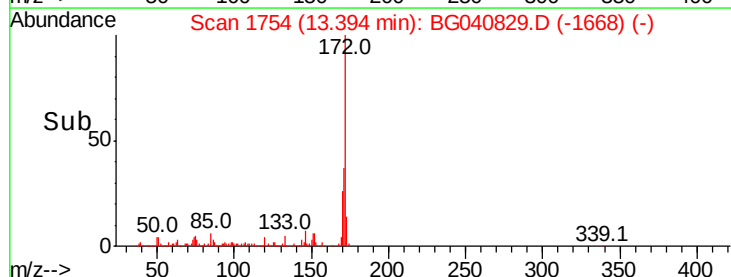
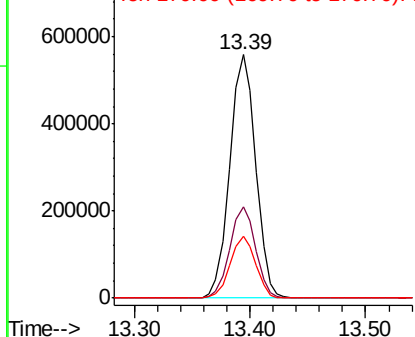


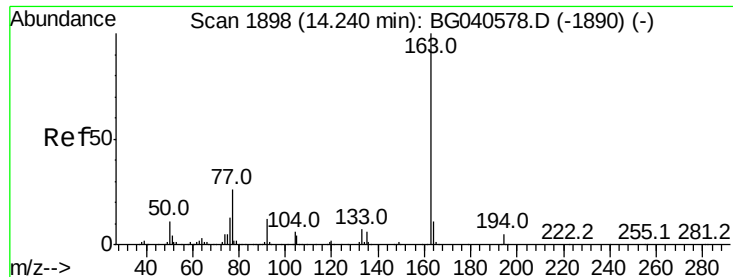
Abundance

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





#50

Dimethylphthalate

Concen: 13.256 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040829.D

Acq: 9 May 2019 23:34

Instrument :

BNA_G

ClientSampleId :

P021-SS003-1824-01

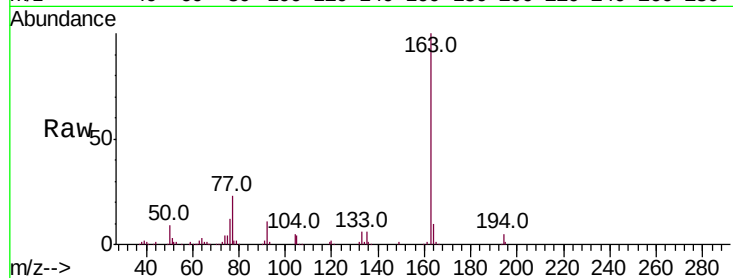
Tot Ion:163 Resp: 182087

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

164 10.2 8.8 13.2

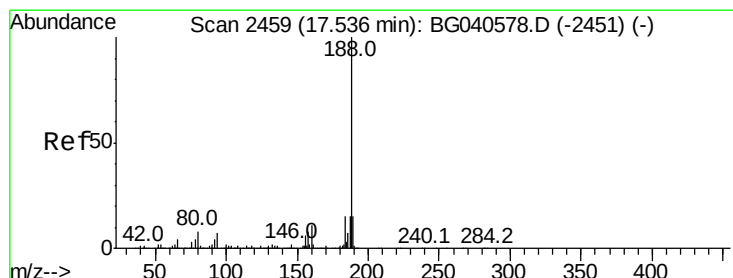
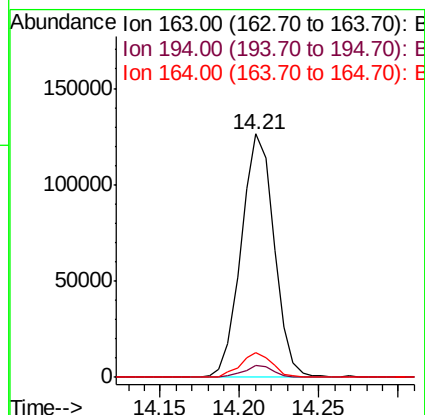
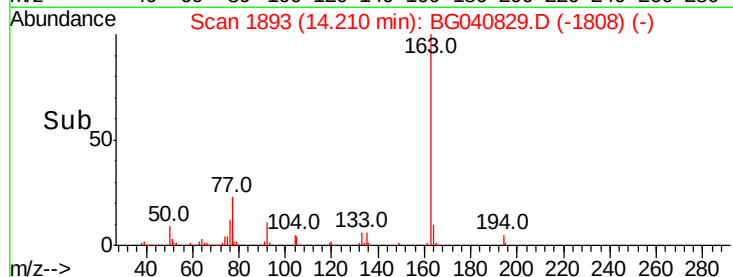


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.21



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040829.D

Acq: 9 May 2019 23:34

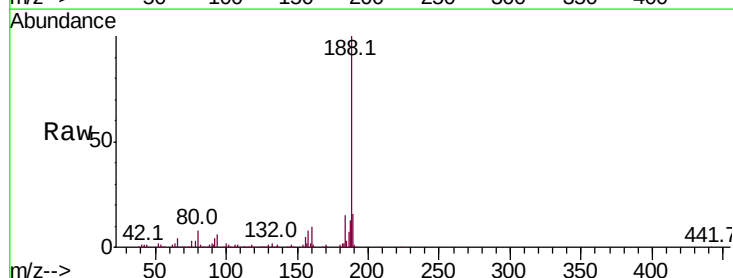
Tgt Ion:188 Resp: 429763

Ion Ratio Lower Upper

188 100

94 5.8 5.6 8.4

80 7.7 6.4 9.6

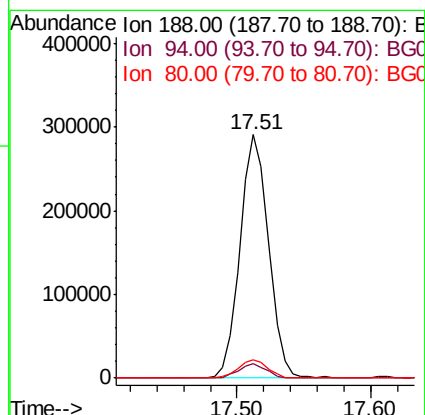
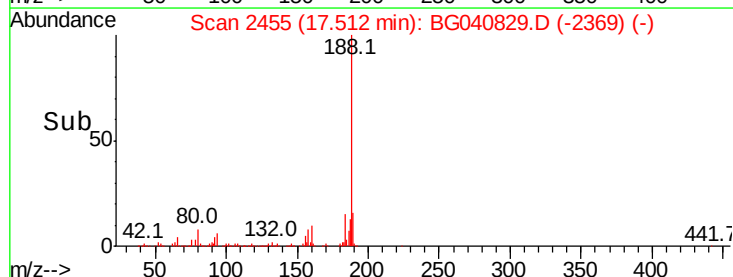


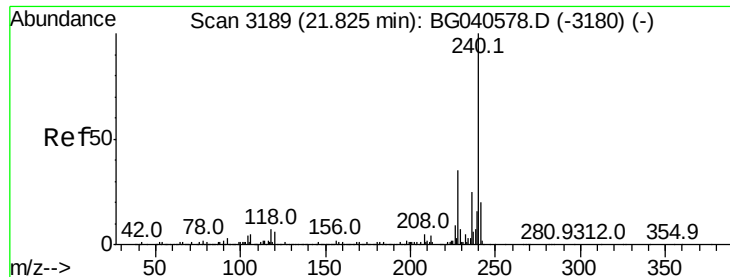
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.51





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040829.D

Acq: 9 May 2019 23:34

Instrument :

BNA_G

ClientSampleId :

P021-SS003-1824-01

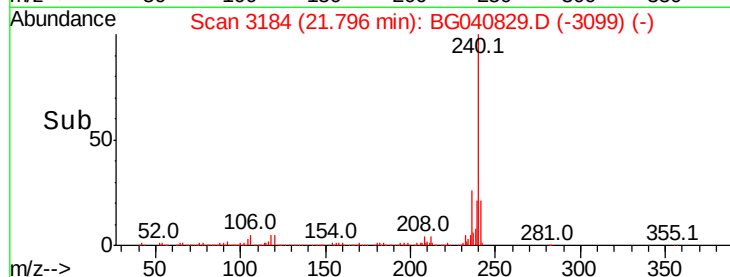
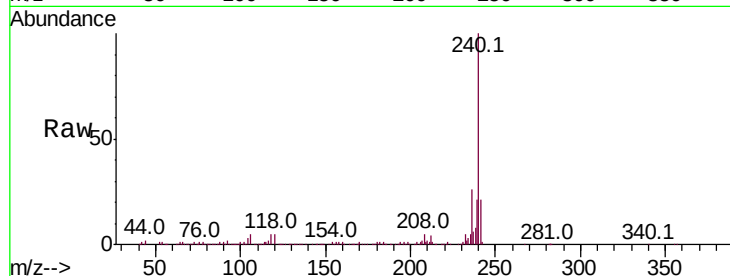
Tot Ion:240 Resp: 406761

Ion Ratio Lower Upper

240 100

120 5.4 5.0 7.6

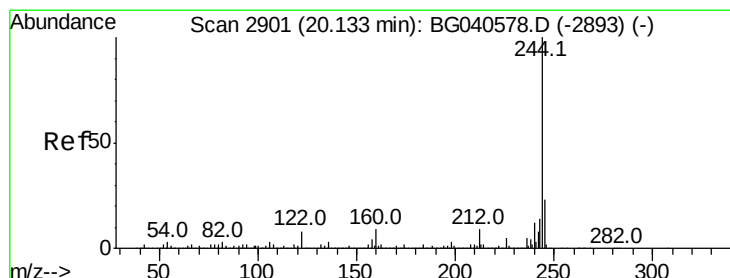
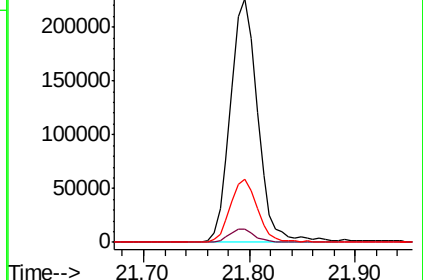
236 26.1 20.3 30.5



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: 85.623 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040829.D

Acq: 9 May 2019 23:34

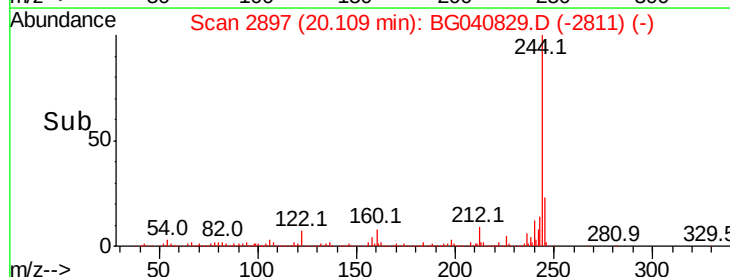
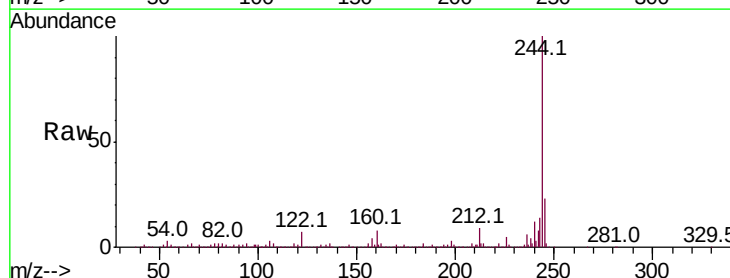
Tgt Ion:244 Resp: 1572080

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

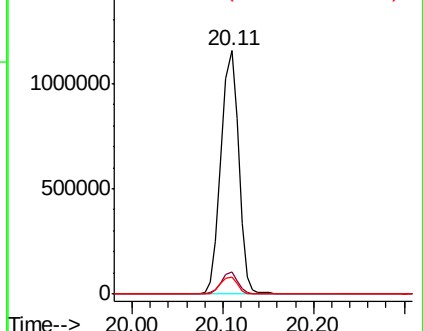
122 7.2 6.6 10.0

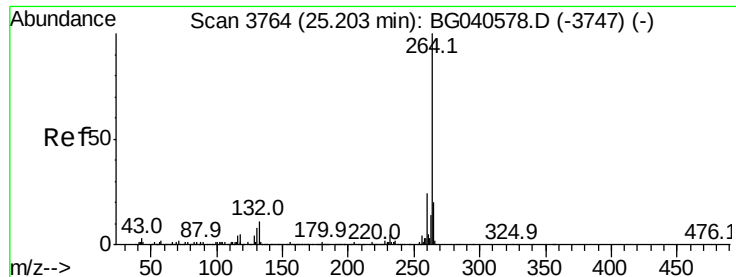


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

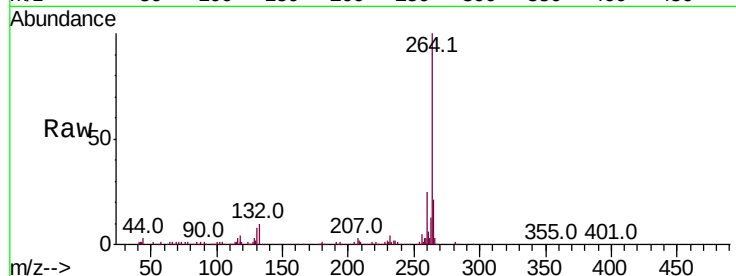




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.15 min Scan# 3755
 Delta R.T. -0.05 min
 Lab File: BG040829.D
 Acq: 9 May 2019 23:34

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS003-1824-01

Tot Ion:	264	Resp:	375594
Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	21.1	16.6	25.0



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

