

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043510.D
 Acq On : 5 Nov 2019 16:32
 Operator : JU
 Sample : K5676-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119

Quant Time: Nov 06 02:20:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

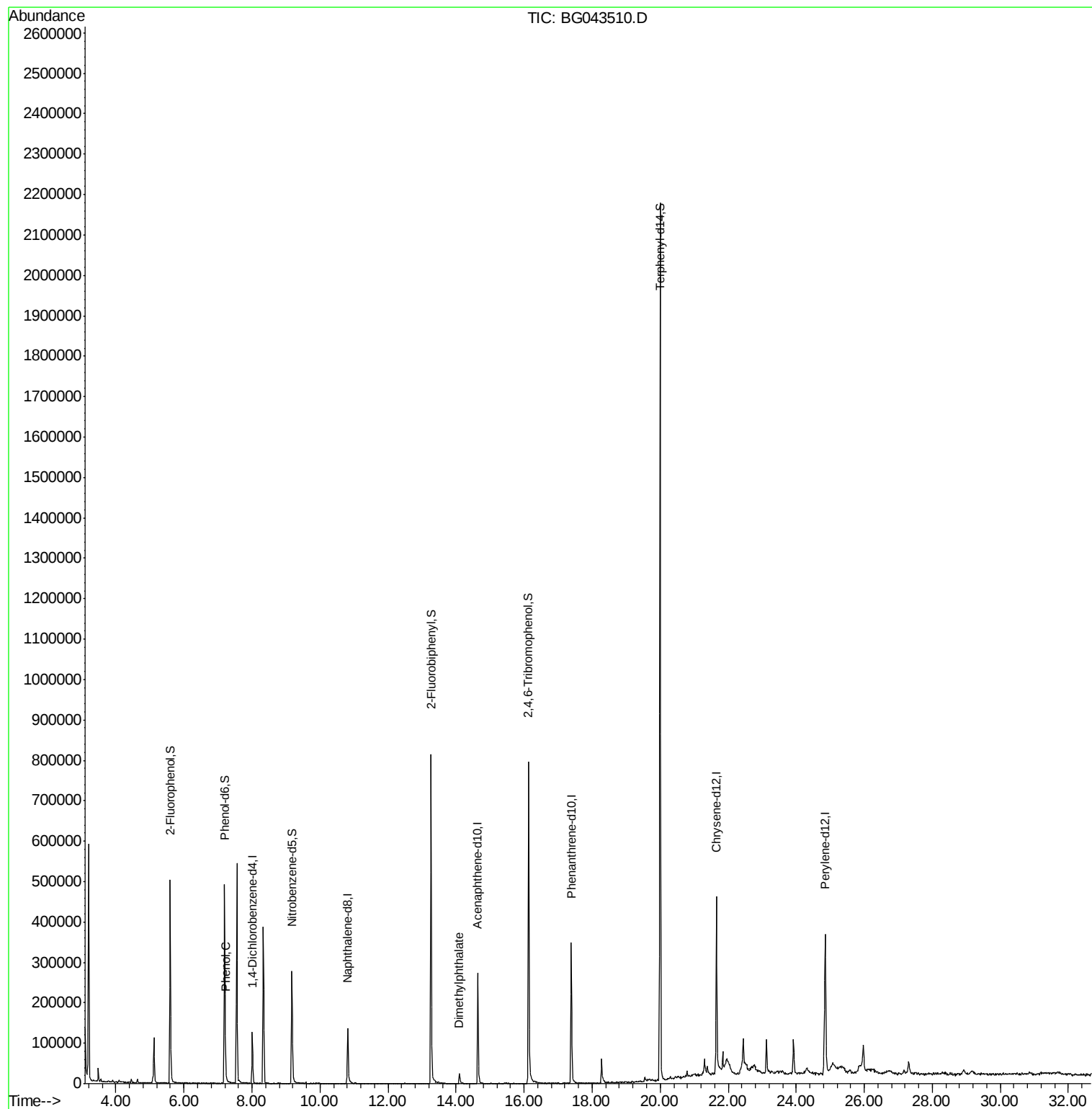
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	39272	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	146898	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	107953	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	267977	20.00	ng	0.00
76) Chrysene-d12	21.65	240	289361	20.00	ng	0.00
87) Perylene-d12	24.85	264	340008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	235182	109.74	ng	0.00
7) Phenol-d6	7.19	99	318549	103.31	ng	0.00
23) Nitrobenzene-d5	9.17	82	188851	66.28	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	210793	102.61	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	504650	64.60	ng	0.00
79) Terphenyl-d14	20.00	244	1153475	74.78	ng	0.00
Target Compounds						
10) Phenol	7.22	94	9114	3.235	ng	84
50) Dimethylphthalate	14.09	163	27346	3.270	ng	# 92

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

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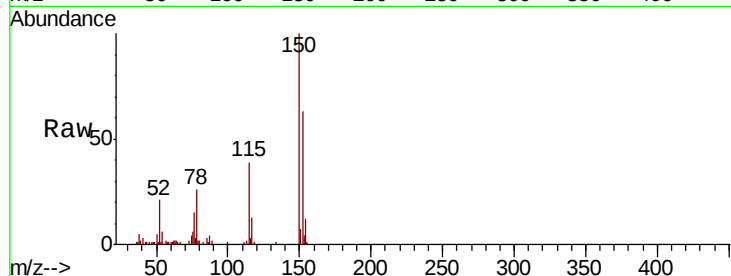


#1

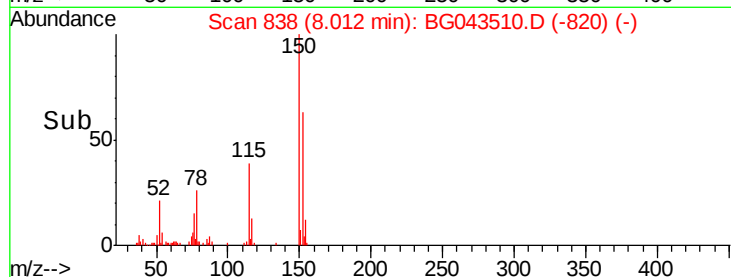
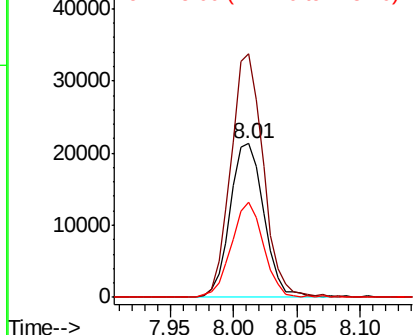
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043510.D
Acq: 5 Nov 2019 16:32

Instrument :
BNA_G
ClientSampleId :
SU-02-110119

Tot Ion:152 Resp: 39272
Ion Ratio Lower Upper
152 100
150 158.6 129.4 194.0
115 61.6 48.8 73.2



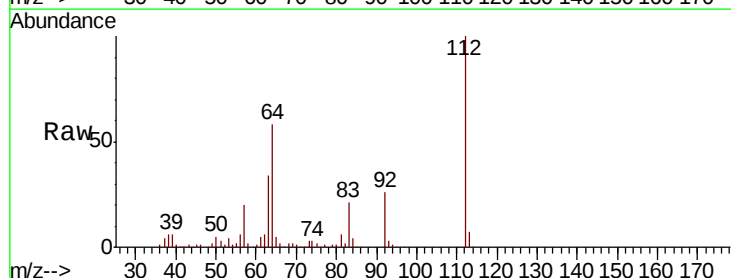
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



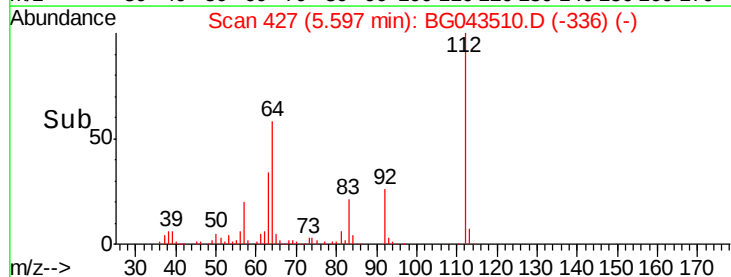
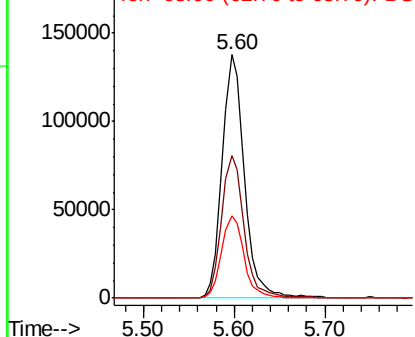
#5

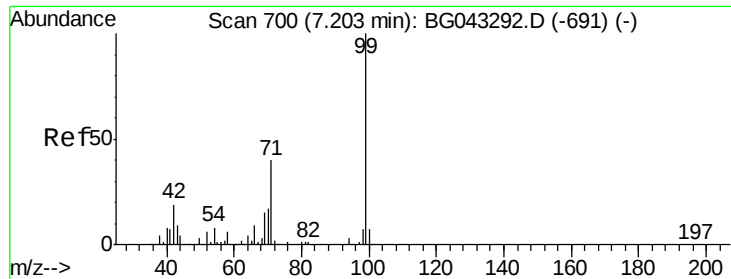
2-Fluorophenol
Concen: 109.737 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043510.D
Acq: 5 Nov 2019 16:32

Tgt Ion:112 Resp: 235182
Ion Ratio Lower Upper
112 100
64 58.4 50.0 75.0
63 33.8 26.6 40.0



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: 103.308 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043510.D

Acq: 5 Nov 2019 16:32

Instrument :

BNA_G

ClientSampleId :

SU-02-110119

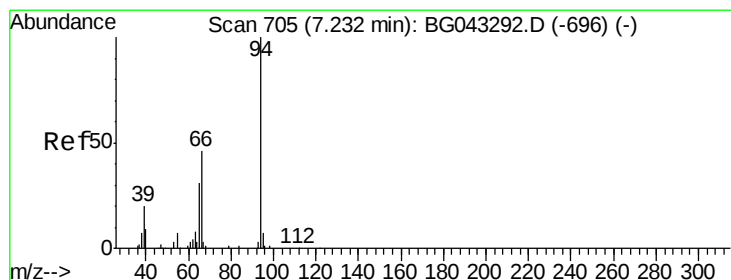
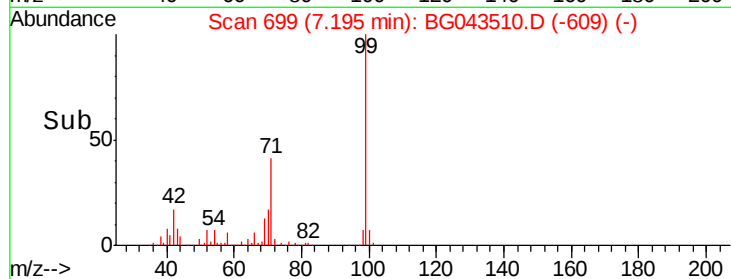
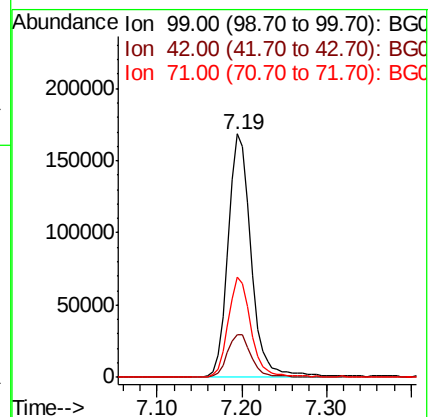
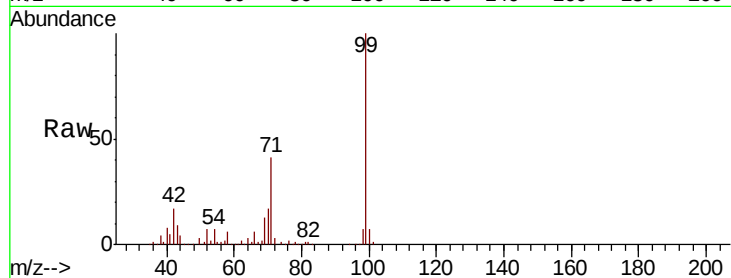
Tot Ion: 99 Resp: 318549

Ion Ratio Lower Upper

99 100

42 17.4 14.6 21.8

71 41.0 32.5 48.7



#10

Phenol

Concen: 3.235 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043510.D

Acq: 5 Nov 2019 16:32

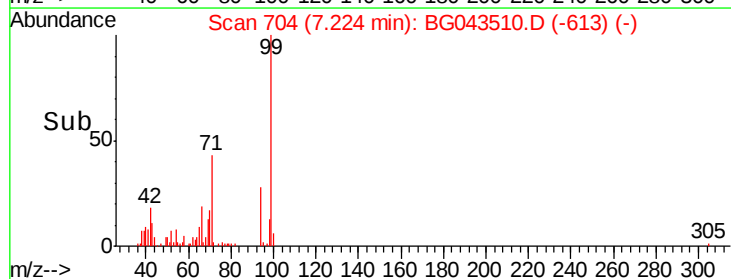
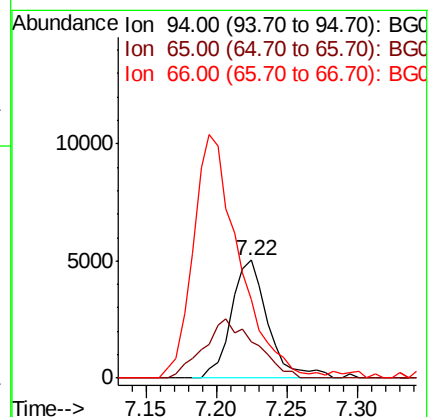
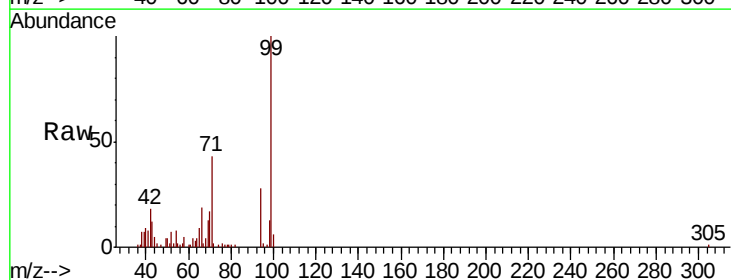
Tgt Ion: 94 Resp: 9114

Ion Ratio Lower Upper

94 100

65 30.3 12.6 52.6

66 66.5 30.7 70.7

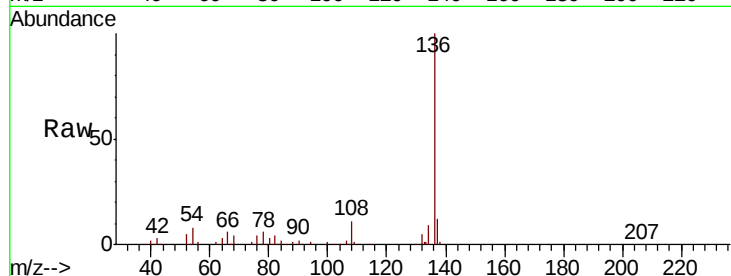




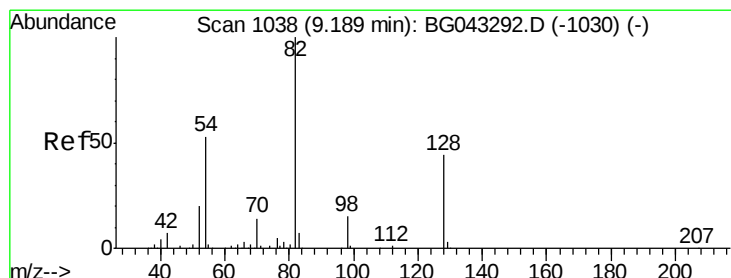
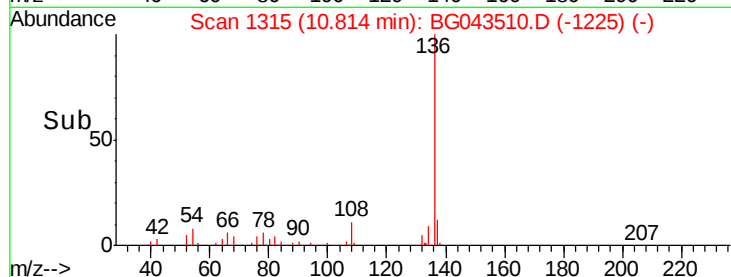
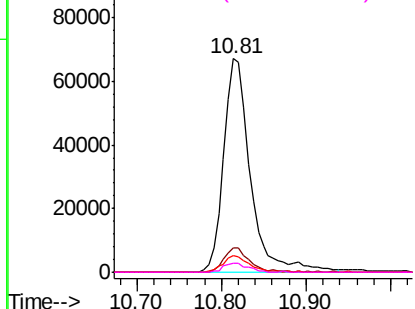
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043510.D
Acq: 5 Nov 2019 16:32

Instrument :
BNA_G
ClientSampleId :
SU-02-110119

Tot Ion:136	Resp:	146898
Ion	Ratio	Lower Upper
136	100	
137	11.6	8.7 13.1
54	8.0	5.4 8.2
68	4.4	3.0 4.4

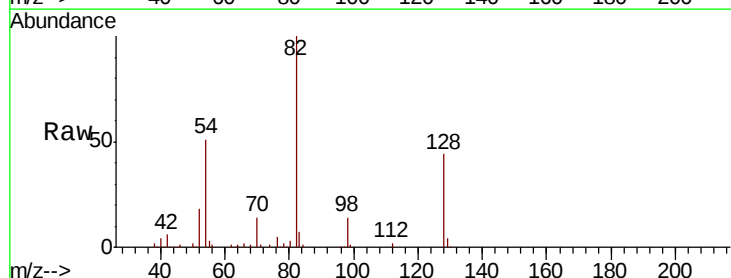


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

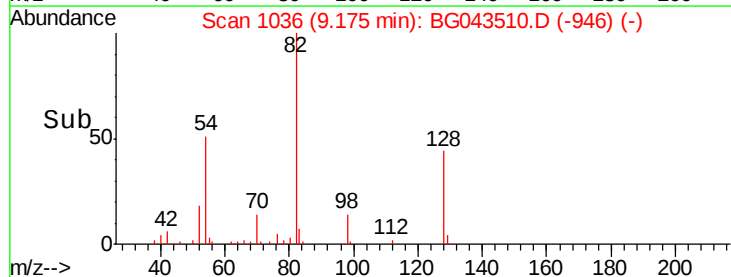
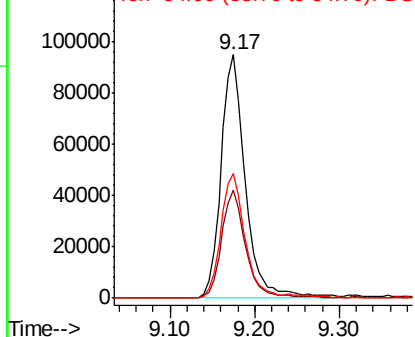


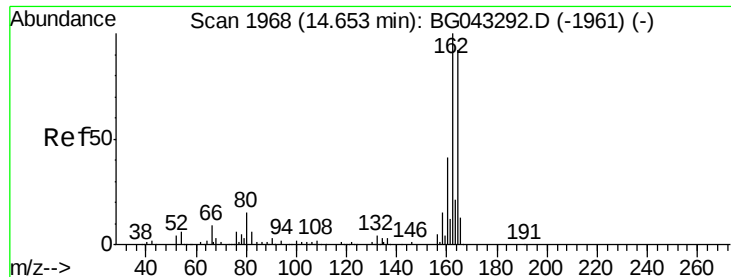
#23
Nitrobenzene-d5
Concen: 66.278 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043510.D
Acq: 5 Nov 2019 16:32

Tgt Ion: 82	Resp:	188851
Ion	Ratio	Lower Upper
82	100	
128	44.5	35.0 52.6
54	51.4	40.2 60.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043510.D

Acq: 5 Nov 2019 16:32

Instrument :

BNA_G

ClientSampleId :

SU-02-110119

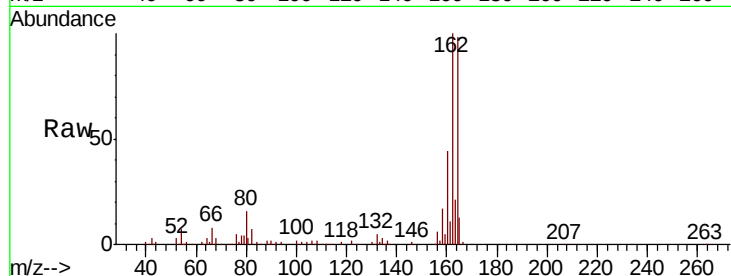
Tot Ion:164 Resp: 107953

Ion Ratio Lower Upper

164 100

162 102.5 83.5 125.3

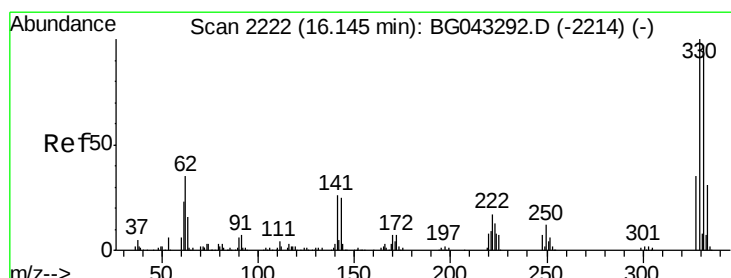
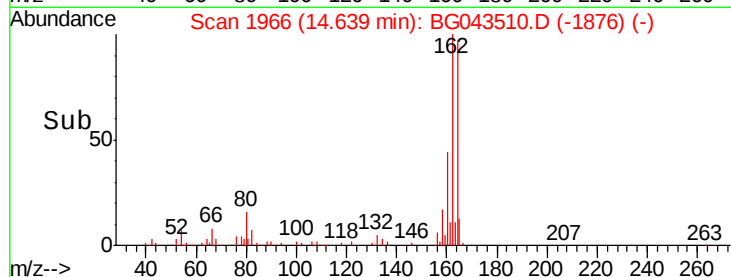
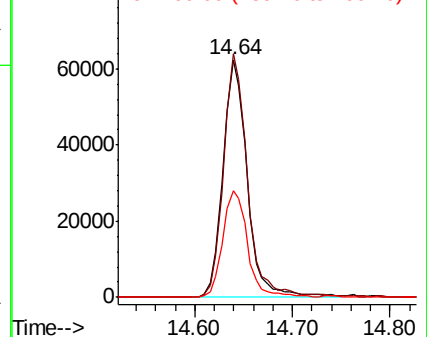
160 44.8 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 102.608 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043510.D

Acq: 5 Nov 2019 16:32

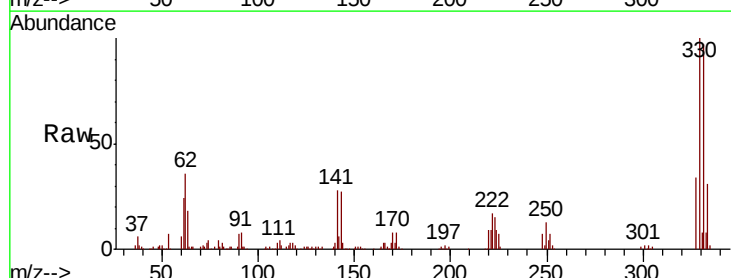
Tgt Ion:330 Resp: 210793

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

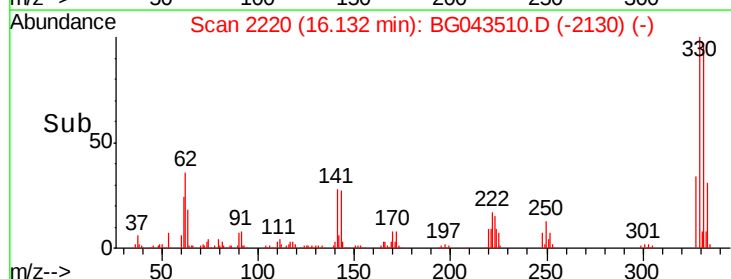
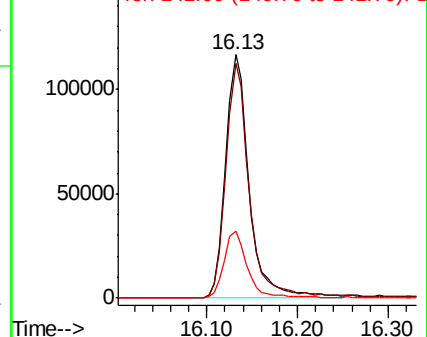
141 27.6 22.8 34.2



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

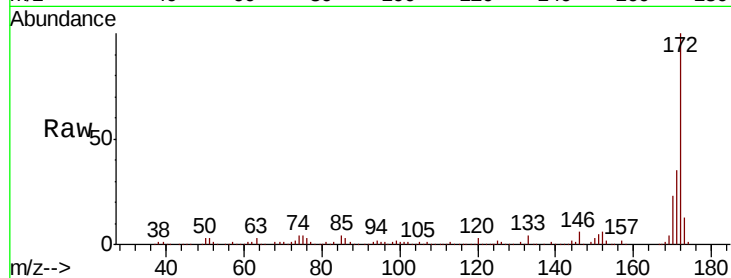




#45
2-Fluorobiphenyl
Concen: 64.595 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043510.D
Acq: 5 Nov 2019 16:32

Instrument :
BNA_G
ClientSampleId :
SU-02-110119

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.9	43.3
170	23.0	18.5	27.7

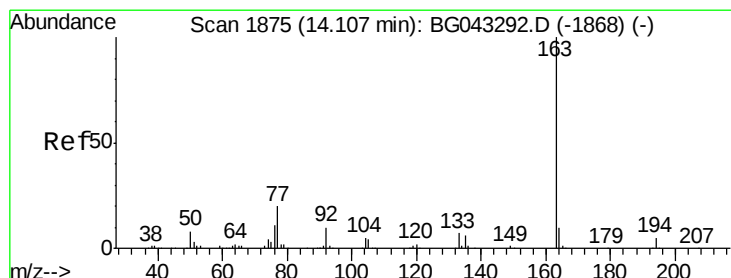
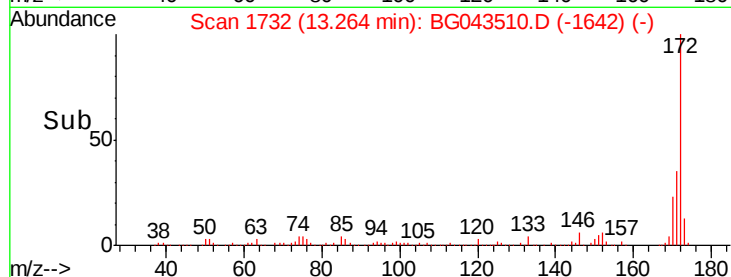
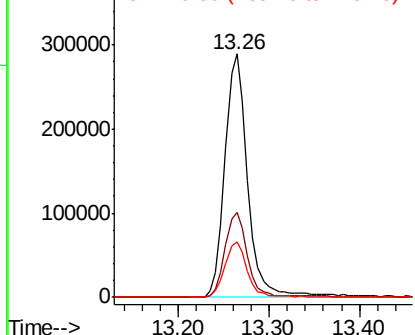


Abundance

Ion 172.00 (171.70 to 172.70): E

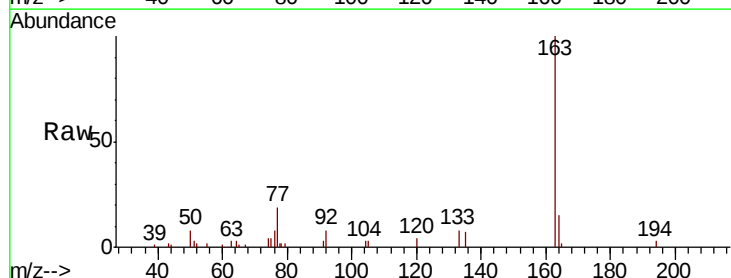
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 3.270 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG043510.D
Acq: 5 Nov 2019 16:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.8	5.6#
164	14.9	8.9	13.3#

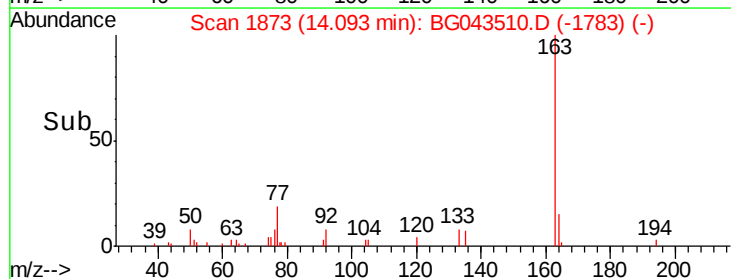
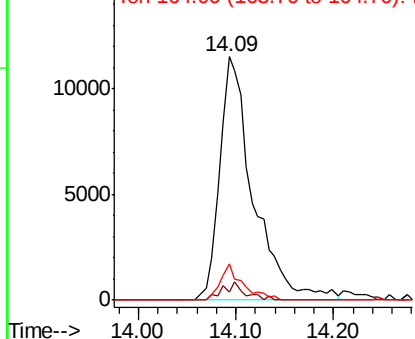


Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG043510.D

Acq: 5 Nov 2019 16:32

Instrument :

BNA_G

ClientSampleId :

SU-02-110119

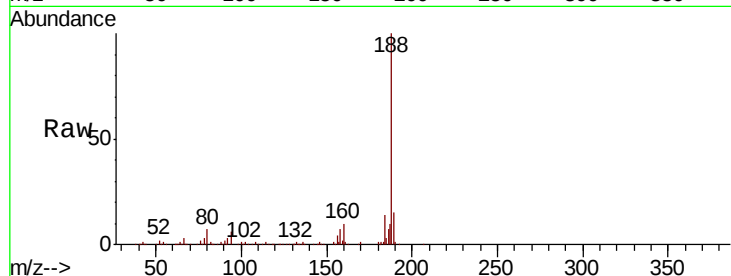
Tot Ion:188 Resp: 267977

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

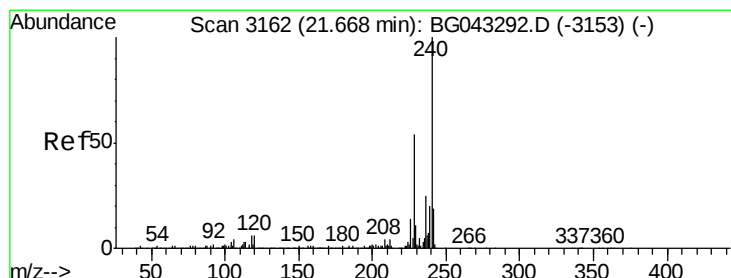
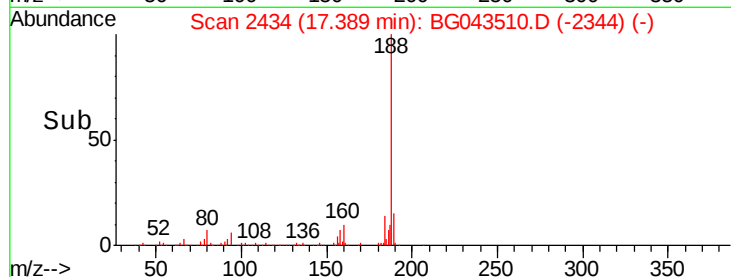
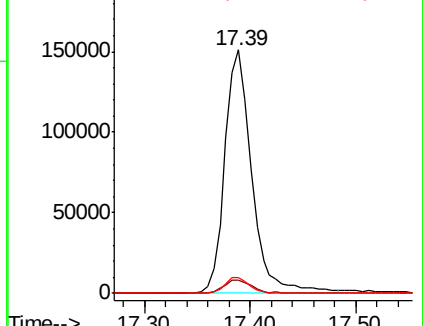
80 6.7 4.5 6.7



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: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043510.D

Acq: 5 Nov 2019 16:32

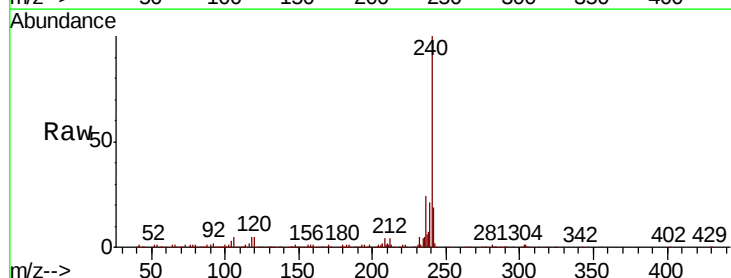
Tgt Ion:240 Resp: 289361

Ion Ratio Lower Upper

240 100

120 5.2 4.6 6.8

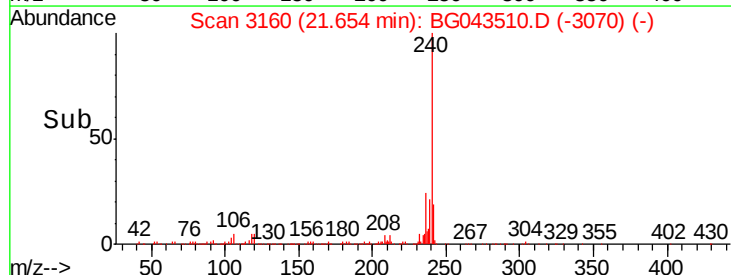
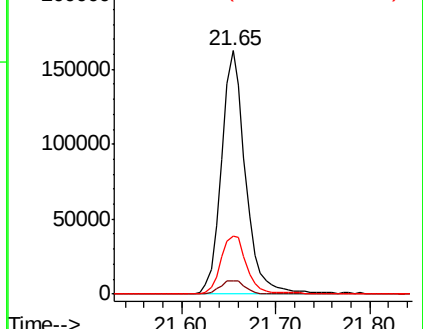
236 24.0 19.8 29.8

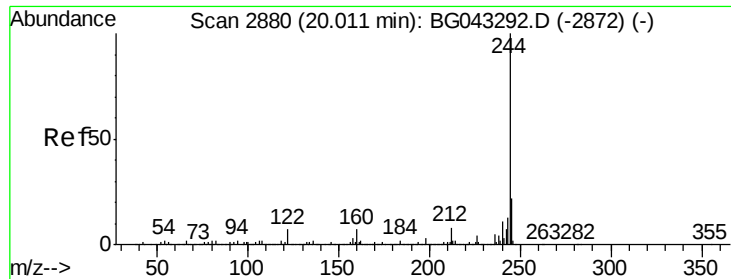


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.785 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043510.D

Acq: 5 Nov 2019 16:32

Instrument :

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ClientSampleId :

SU-02-110119

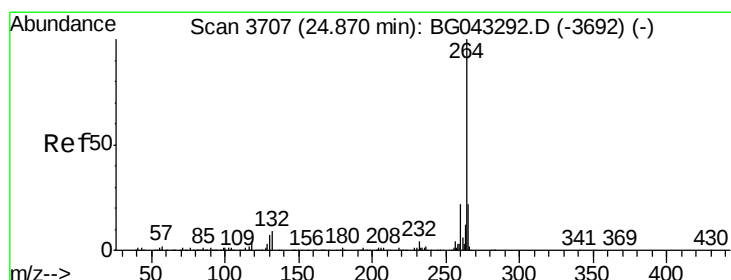
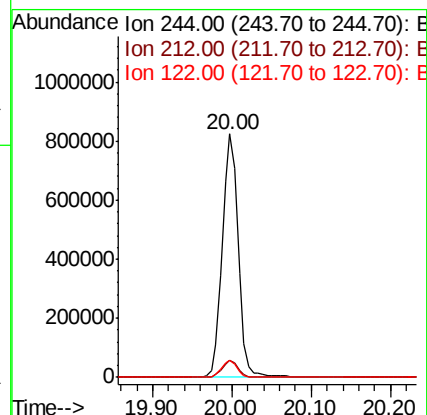
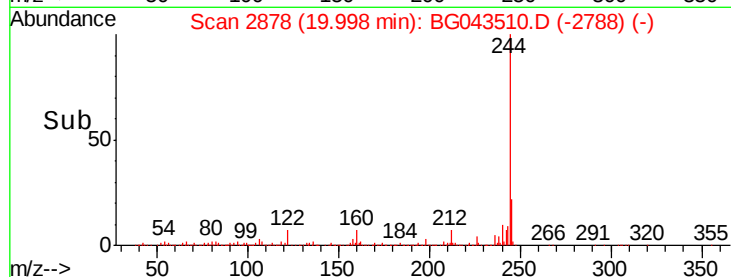
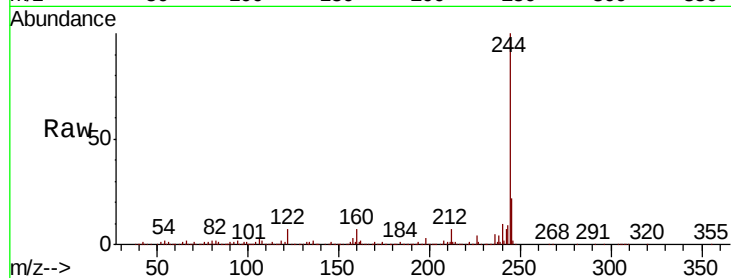
Tot Ion:244 Resp: 1153475

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	7.1	5.4	8.2

244 100

212 7.2 5.8 8.6

122 7.1 5.4 8.2



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043510.D

Acq: 5 Nov 2019 16:32

Tgt Ion:264 Resp: 340008

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.5	26.3
265	22.5	17.4	26.0

264 100

260 24.0 17.5 26.3

265 22.5 17.4 26.0

