

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
 Data File : BG043092.D
 Acq On : 8 Oct 2019 19:17
 Operator : JU
 Sample : K5147-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-100719

Quant Time: Oct 09 02:19:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61774	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	220290	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	157776	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	389301	20.00	ng	0.00
76) Chrysene-d12	21.69	240	425294	20.00	ng	0.00
87) Perylene-d12	24.90	264	486932	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	428189	123.70	ng	0.00
7) Phenol-d6	7.23	99	590692	118.50	ng	0.00
23) Nitrobenzene-d5	9.22	82	371181	81.90	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	358233	132.04	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	913956	83.98	ng	0.00
79) Terphenyl-d14	20.03	244	1868737	93.63	ng	0.00

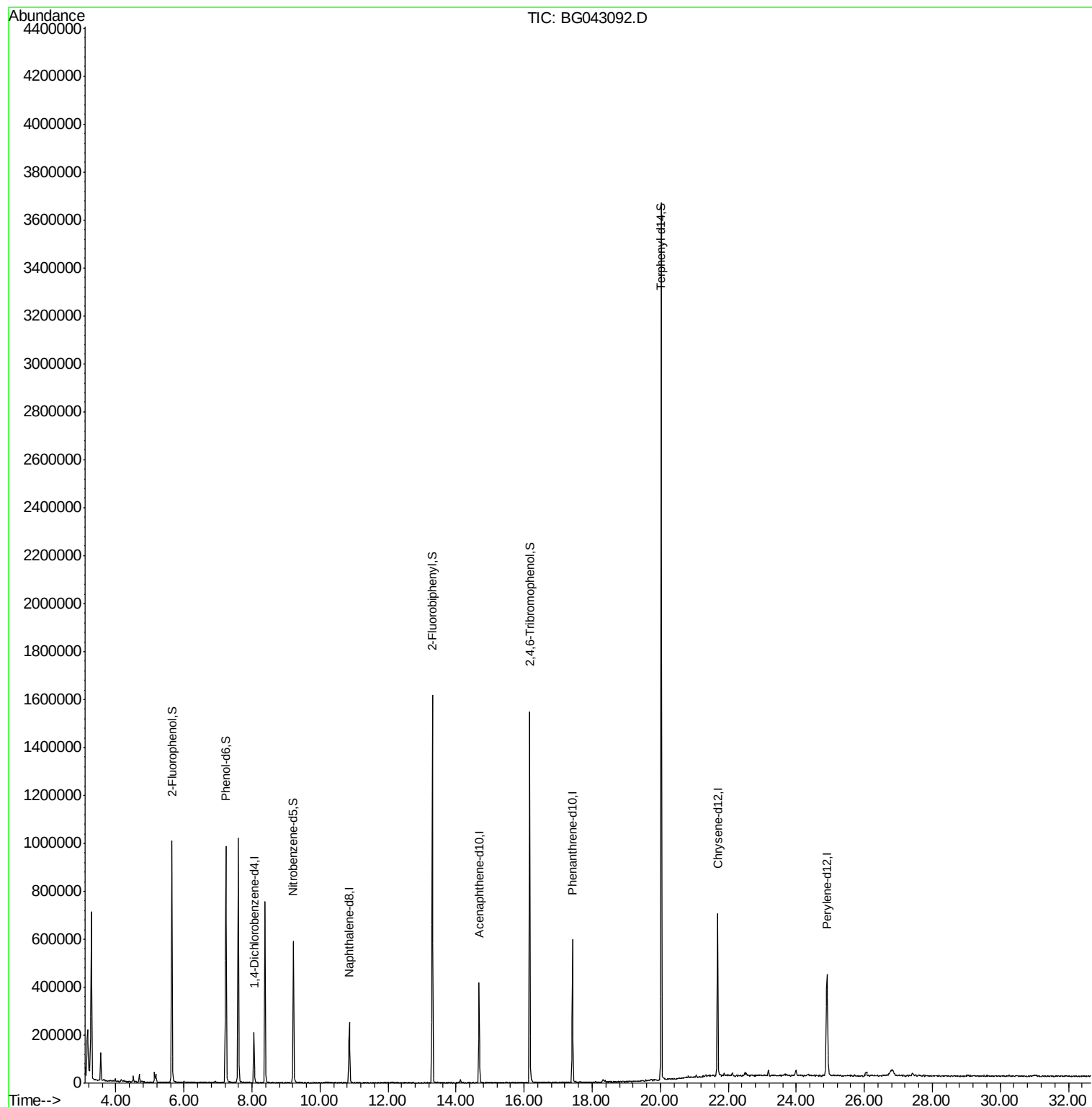
Target Compounds Qvalue

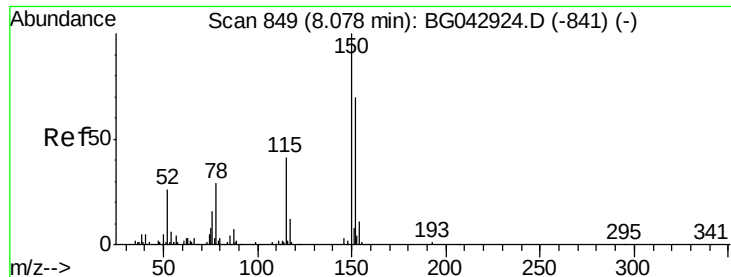
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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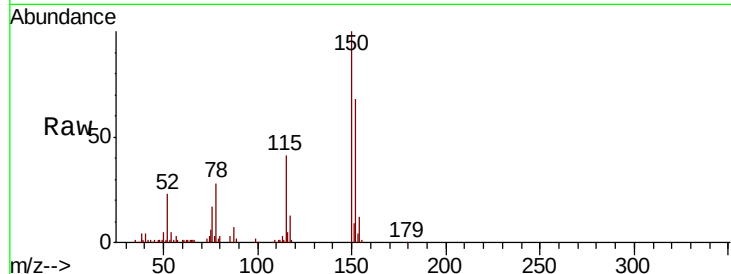


#1

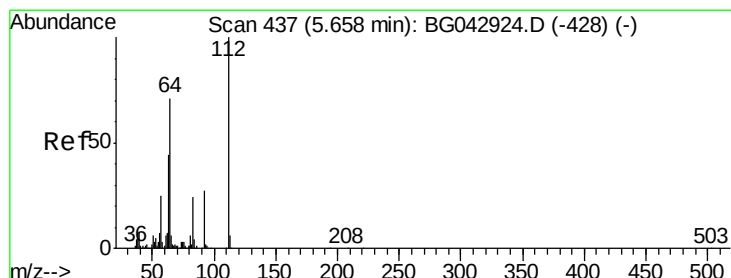
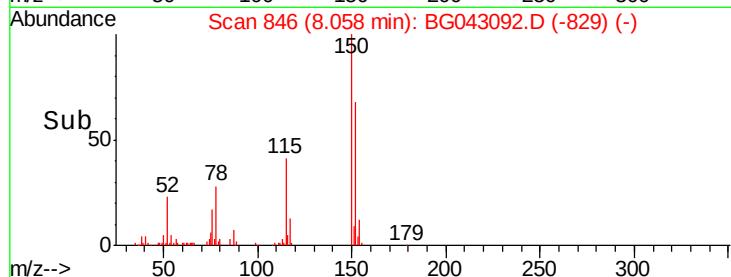
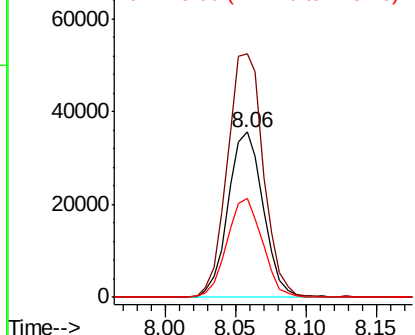
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG043092.D
Acq: 8 Oct 2019 19:17

Instrument :
BNA_G
ClientSampleId :
OK-03-100719

Tot Ion:152 Resp: 61774
Ion Ratio Lower Upper
152 100
150 147.4 115.0 172.4
115 60.1 47.0 70.6



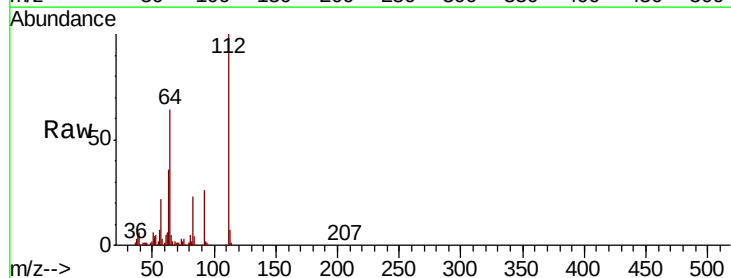
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



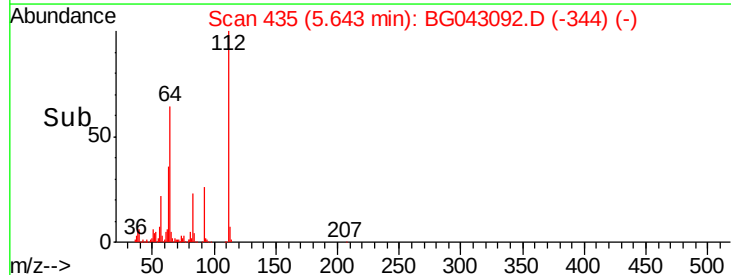
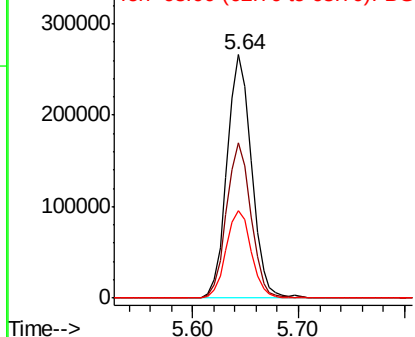
#5

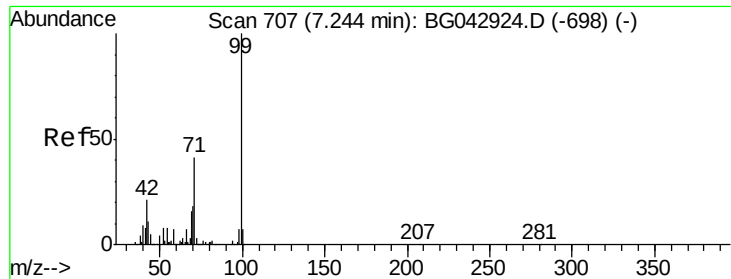
2-Fluorophenol
Concen: 123.702 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.00 min
Lab File: BG043092.D
Acq: 8 Oct 2019 19:17

Tgt Ion:112 Resp: 428189
Ion Ratio Lower Upper
112 100
64 63.7 56.6 84.8
63 36.1 35.1 52.7



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: 118.501 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043092.D

Acq: 8 Oct 2019 19:17

Instrument :

BNA_G

ClientSampleId :

OK-03-100719

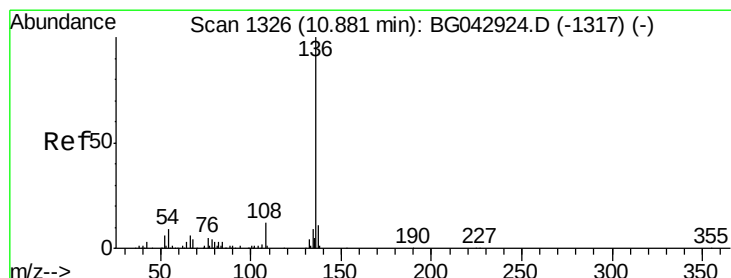
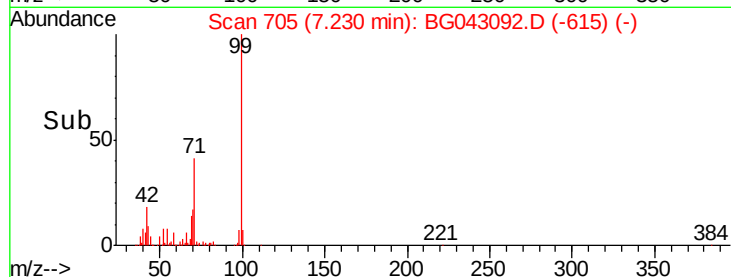
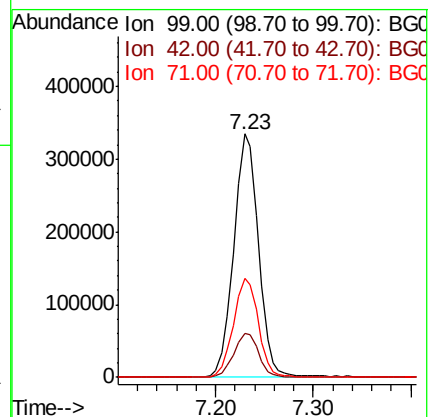
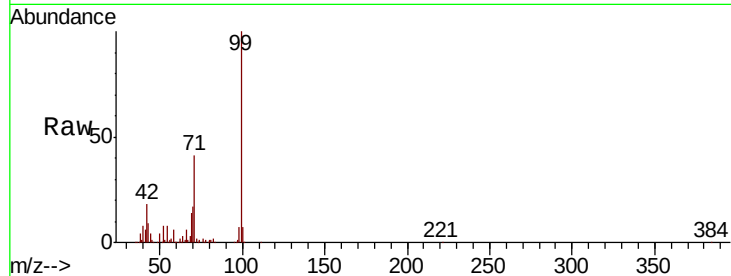
Tot Ion: 99 Resp: 590692

Ion Ratio Lower Upper

99 100

42 18.2 17.2 25.8

71 40.7 33.1 49.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG043092.D

Acq: 8 Oct 2019 19:17

Tgt Ion: 136 Resp: 220290

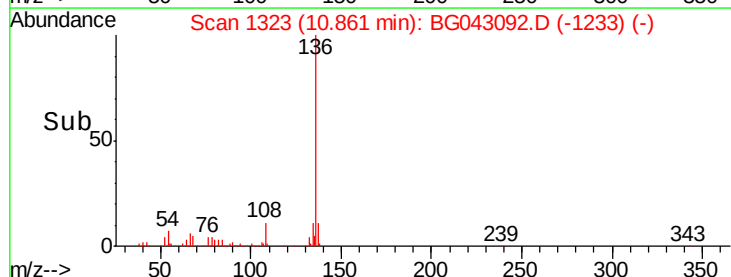
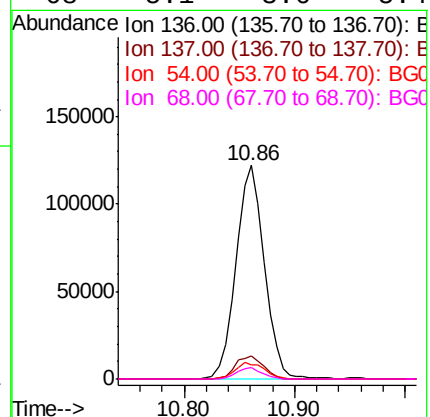
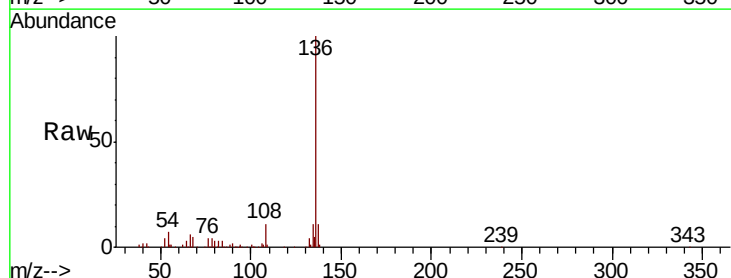
Ion Ratio Lower Upper

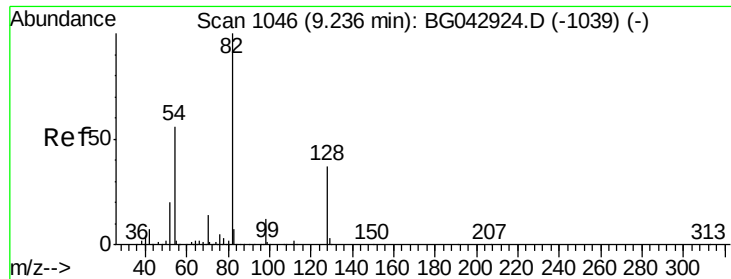
136 100

137 10.6 8.5 12.7

54 6.9 7.4 11.2#

68 5.1 3.6 5.4

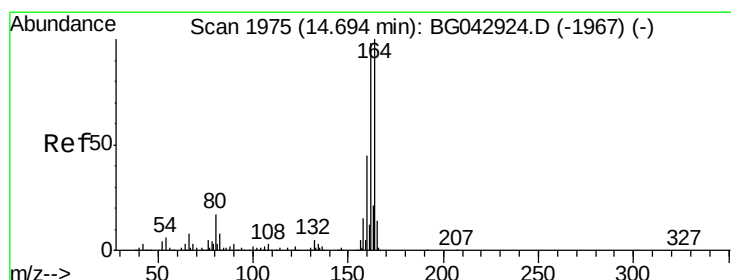
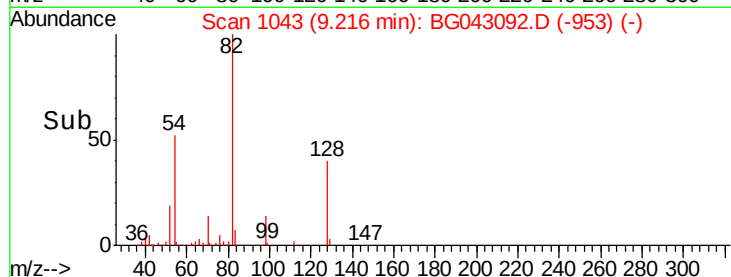
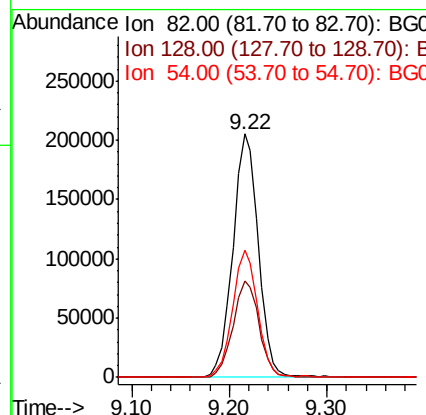
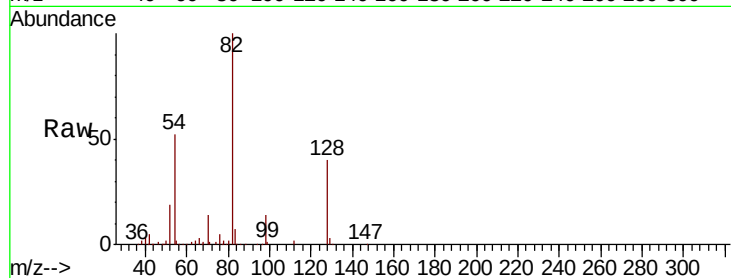




#23
 Nitrobenzene-d5
 Concen: 81.898 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043092.D
 Acq: 8 Oct 2019 19:17

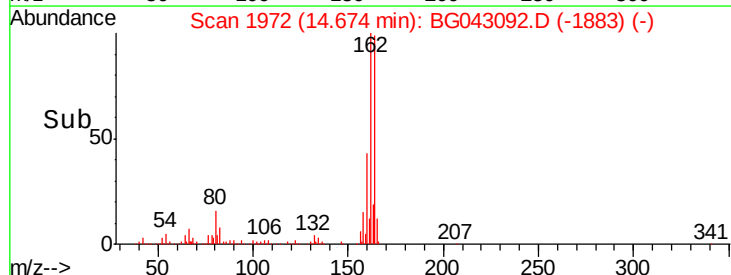
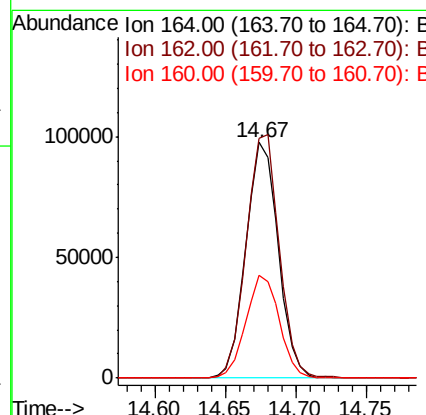
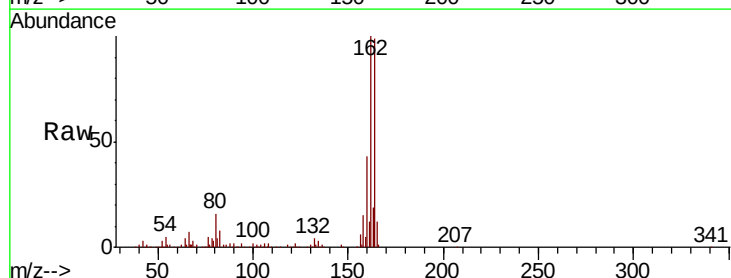
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-100719

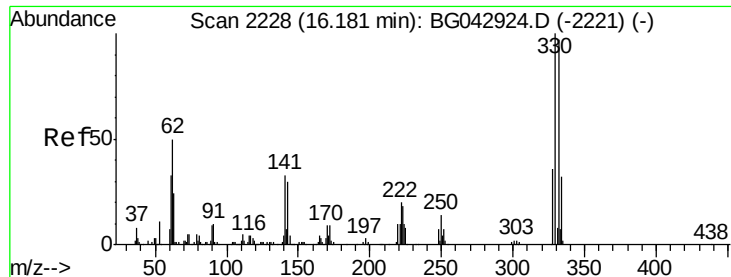
Tot Ion	82	Resp	371181
Ion Ratio	Lower	Upper	
82	100		
128	39.8	29.5	44.3
54	52.4	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG043092.D
 Acq: 8 Oct 2019 19:17

Tgt Ion	164	Resp	157776
Ion Ratio	Lower	Upper	
164	100		
162	101.5	78.5	117.7
160	43.7	35.9	53.9

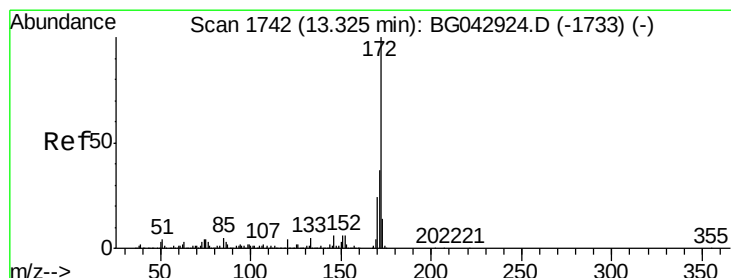
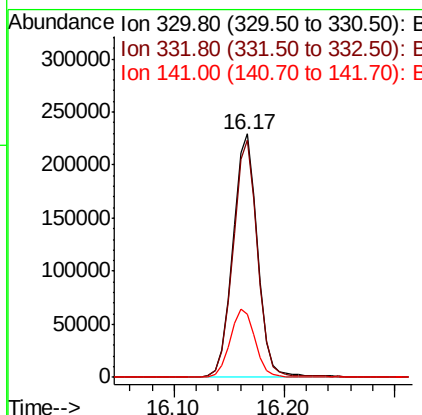
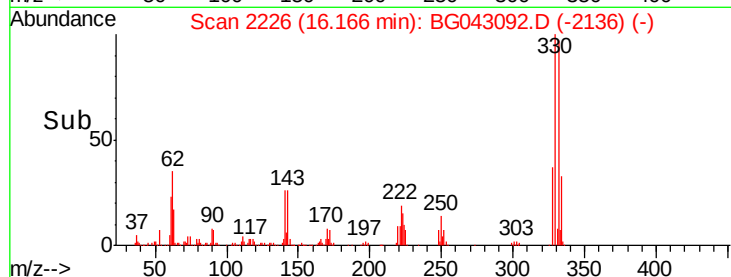
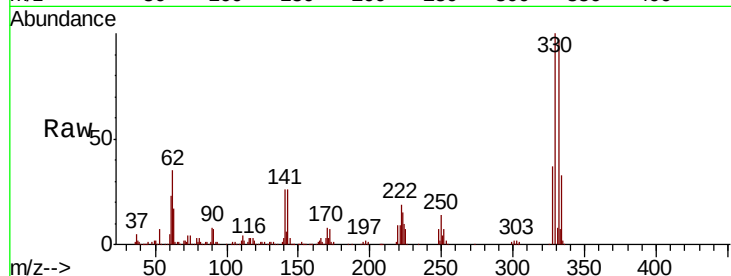




#42
 2,4,6-Tribromophenol
 Concen: 132.040 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG043092.D
 Acq: 8 Oct 2019 19:17

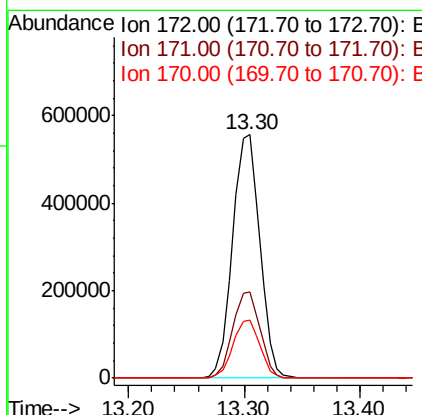
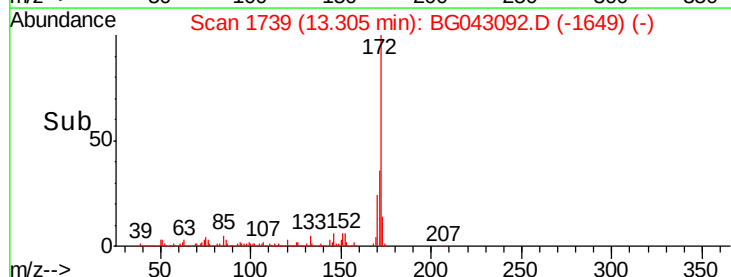
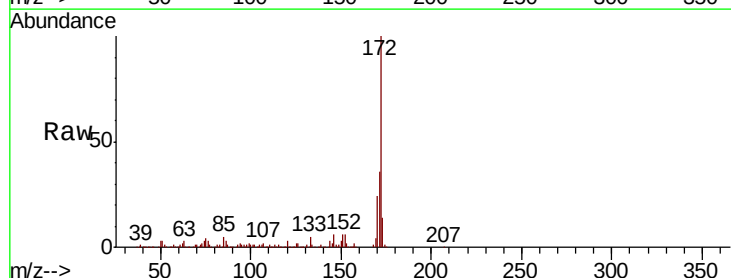
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-100719

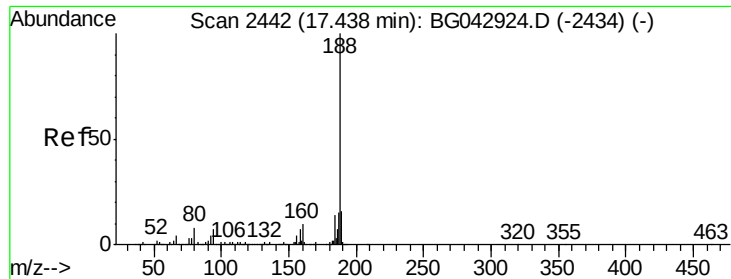
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.2
141	28.8	26.0	39.0



#45
 2-Fluorobiphenyl
 Concen: 83.977 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG043092.D
 Acq: 8 Oct 2019 19:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.7	19.6	29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG043092.D

Acq: 8 Oct 2019 19:17

Instrument :

BNA_G

ClientSampleId :

OK-03-100719

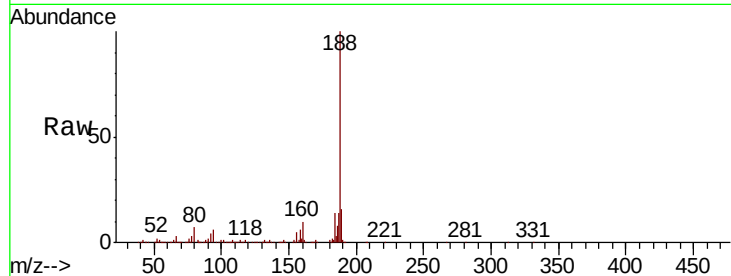
Tot Ion:188 Resp: 389301

Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

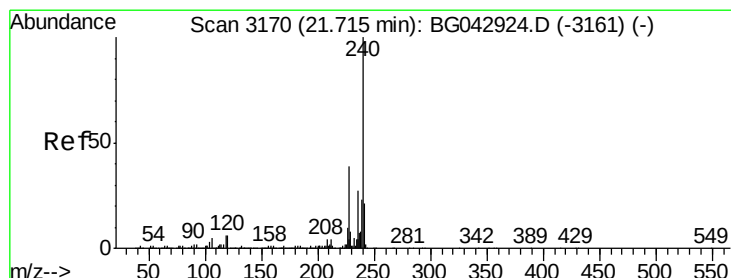
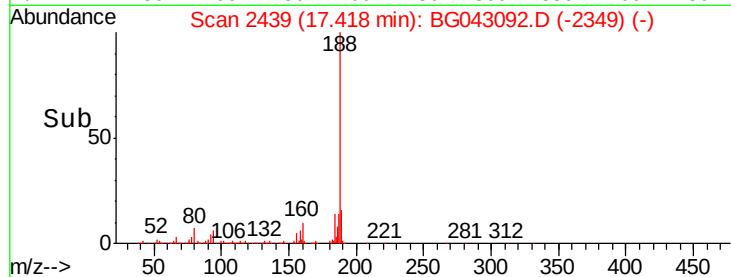
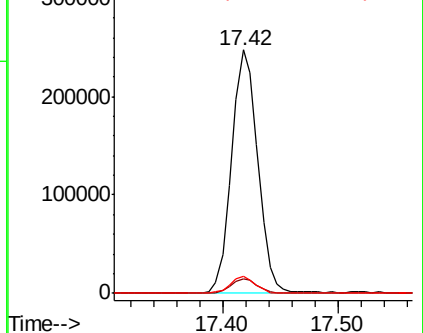
80 6.9 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG043092.D

Acq: 8 Oct 2019 19:17

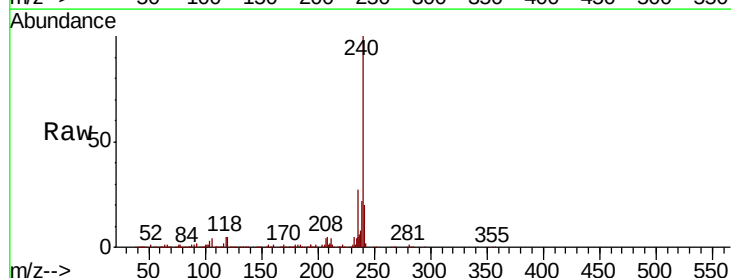
Tgt Ion:240 Resp: 425294

Ion Ratio Lower Upper

240 100

120 5.4 4.8 7.2

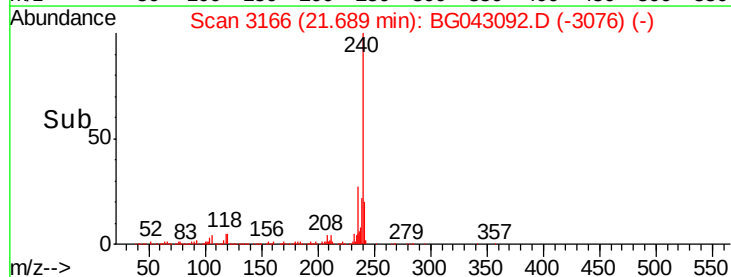
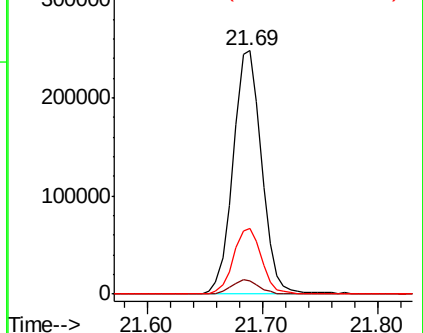
236 27.1 21.4 32.0

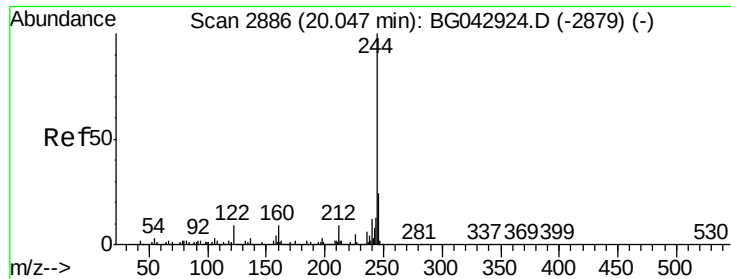


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.631 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG043092.D

Acq: 8 Oct 2019 19:17

Instrument :

BNA_G

ClientSampleId :

OK-03-100719

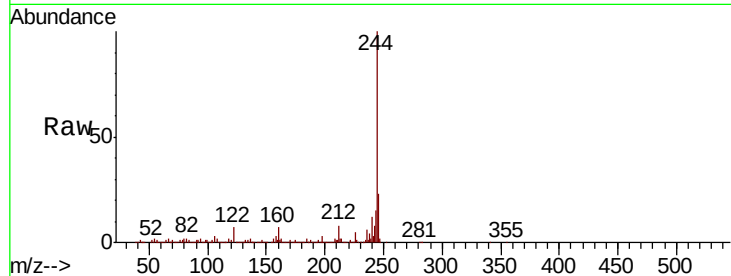
Tot Ion:244 Resp: 1868737

Ion Ratio Lower Upper

244 100

212 8.0 7.4 11.0

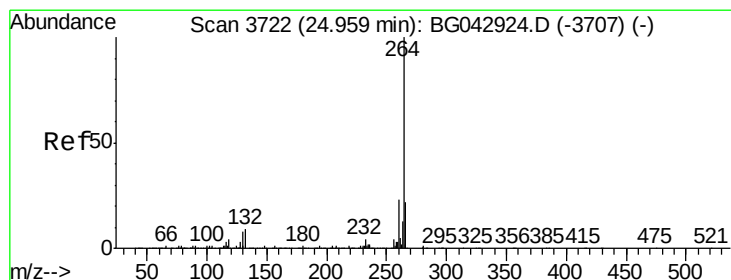
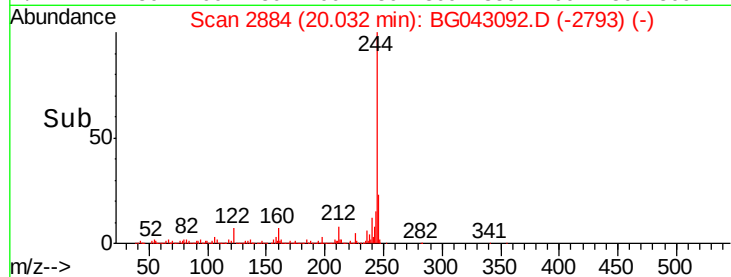
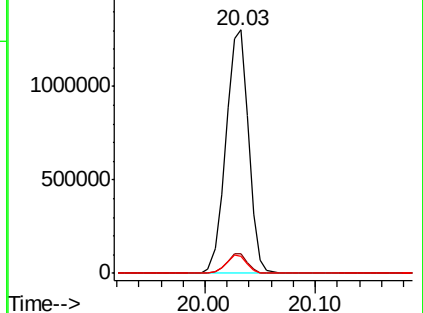
122 7.1 7.0 10.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG043092.D

Acq: 8 Oct 2019 19:17

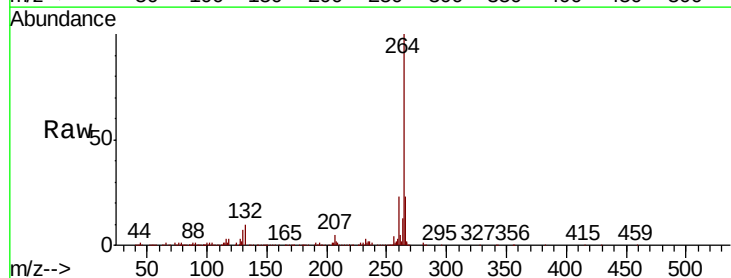
Tgt Ion:264 Resp: 486932

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 22.6 17.7 26.5



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

