

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043375.D
 Acq On : 29 Oct 2019 15:44
 Operator : JU
 Sample : PB124300BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124300BL

Quant Time: Oct 30 08:13:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37318	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	136964	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	106627	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	244408	20.00	ng	0.00
76) Chrysene-d12	21.66	240	281233	20.00	ng	0.00
87) Perylene-d12	24.86	264	318371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	279635	137.31	ng	0.00
7) Phenol-d6	7.21	99	394777	134.73	ng	0.00
23) Nitrobenzene-d5	9.19	82	233834	88.02	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	242756	119.64	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	679111	88.01	ng	0.00
79) Terphenyl-d14	20.00	244	1354068	90.33	ng	0.00

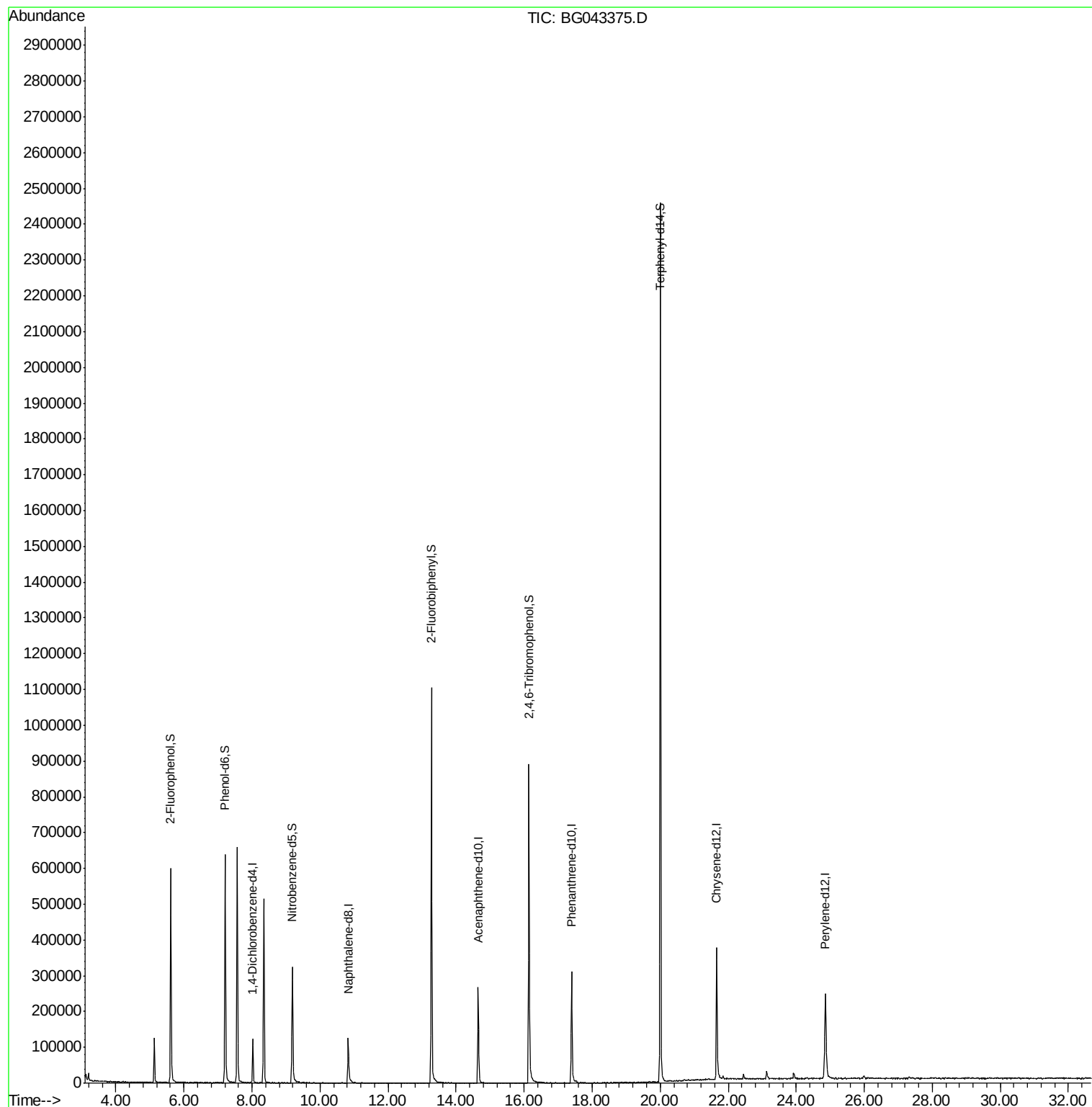
Target Compounds Qvalue

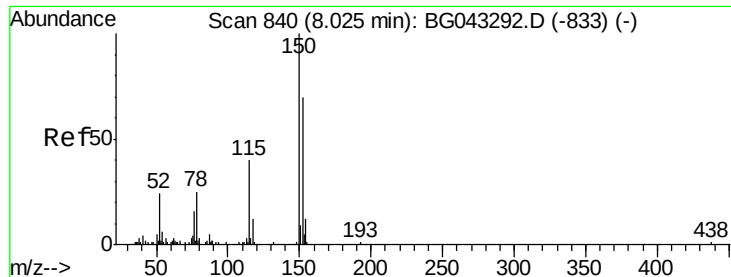
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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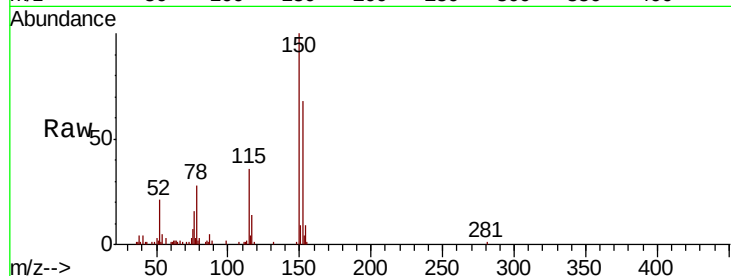


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043375.D
Acq: 29 Oct 2019 15:44

Instrument :
BNA_G
ClientSampleId :
PB124300BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.3	113.6	170.4
115	53.0	45.9	68.9

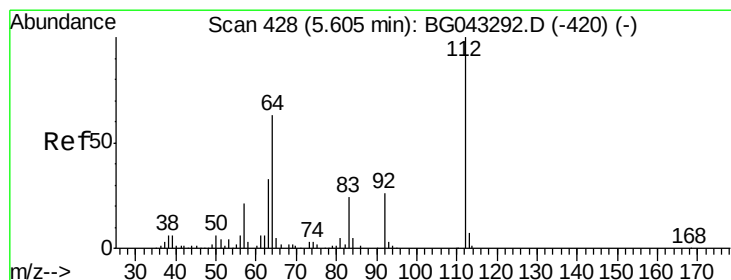
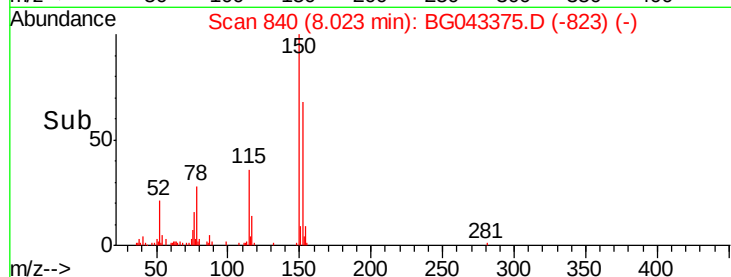
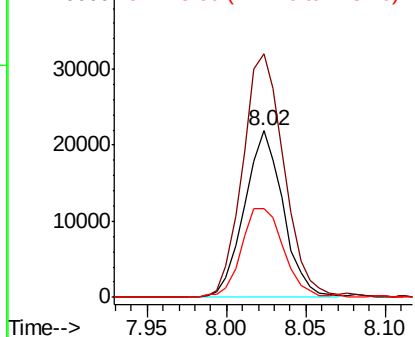


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

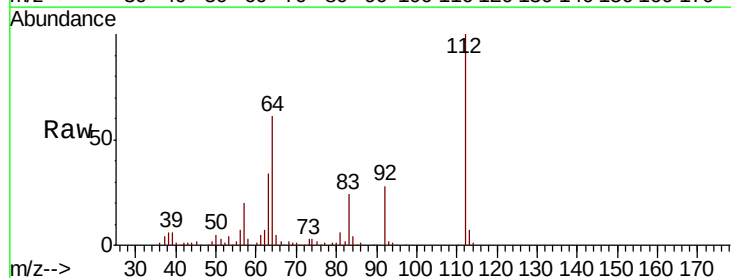
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.311 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043375.D
Acq: 29 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	50.2	75.2
63	34.4	26.7	40.1

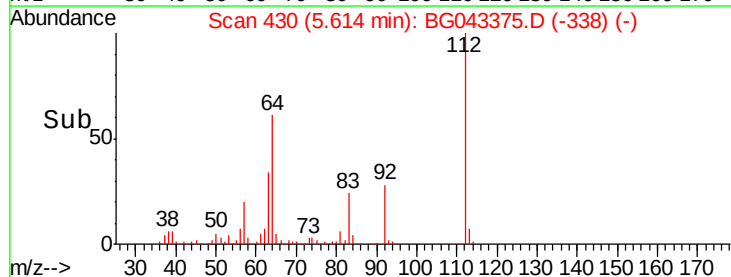
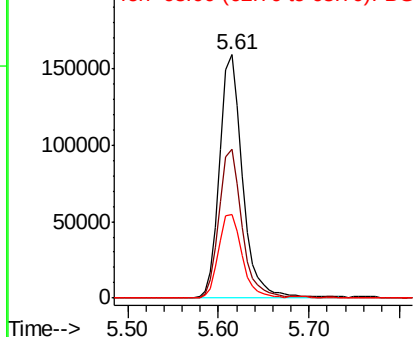


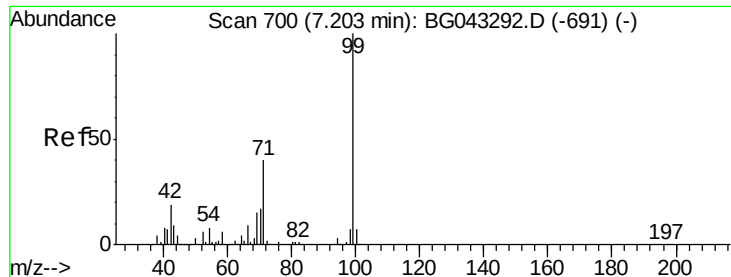
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 134.733 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043375.D

Acq: 29 Oct 2019 15:44

Instrument :

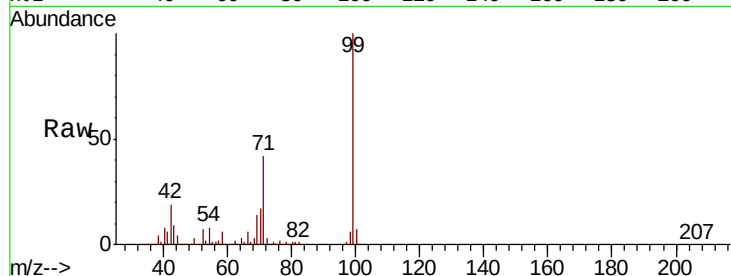
BNA_G

ClientSampleId :

PB124300BL

Tot Ion: 99 Resp: 394777

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.9	22.3
71	42.2	32.2	48.2

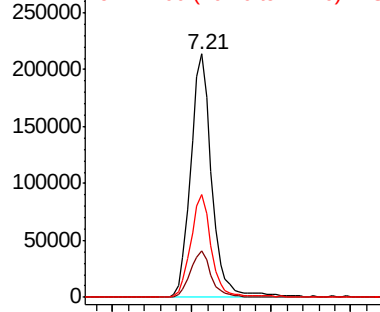


Abundance

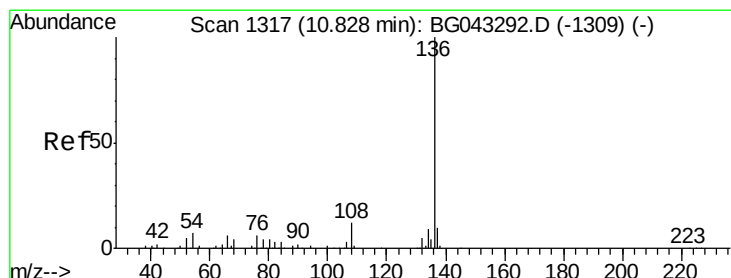
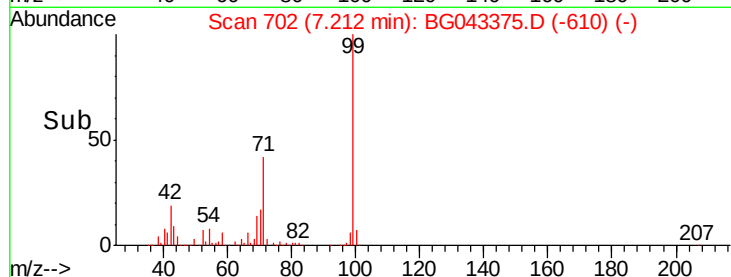
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

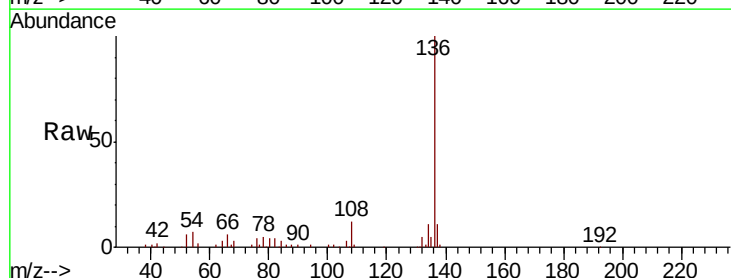
Delta R.T. 0.00 min

Lab File: BG043375.D

Acq: 29 Oct 2019 15:44

Tgt Ion: 136 Resp: 136964

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.2
54	7.2	5.4	8.2
68	2.9	3.3	4.9#



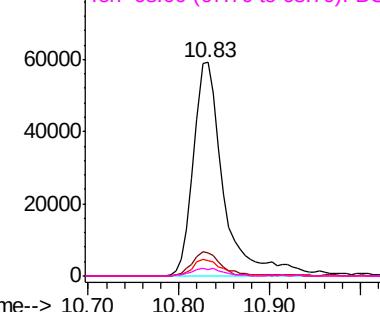
Abundance

Ion 136.00 (135.70 to 136.70): BGC

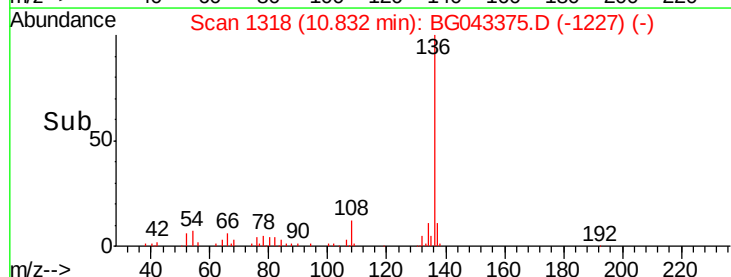
Ion 137.00 (136.70 to 137.70): BGC

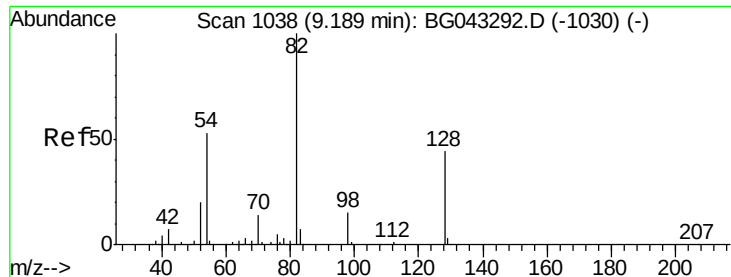
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

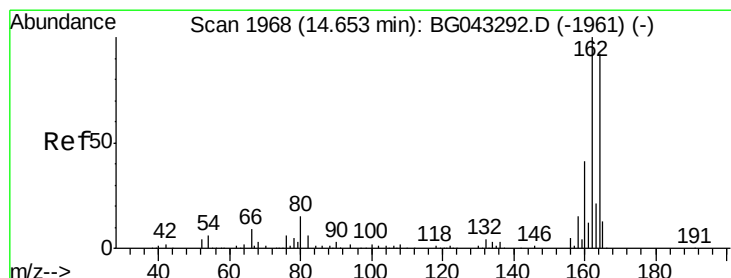
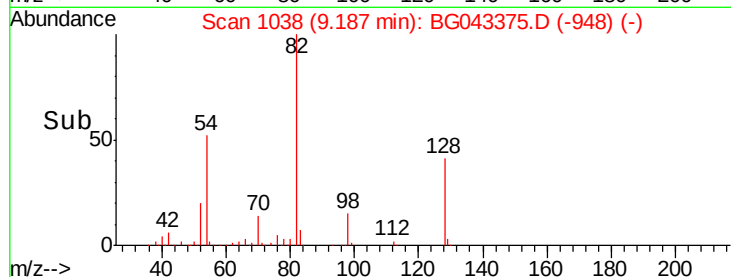
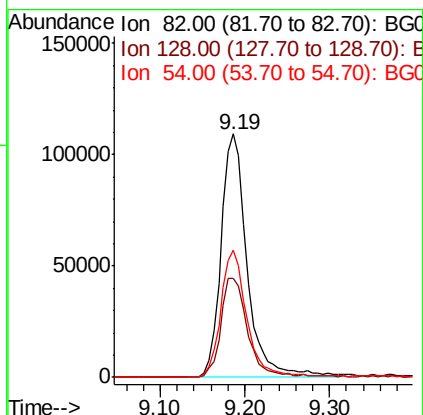
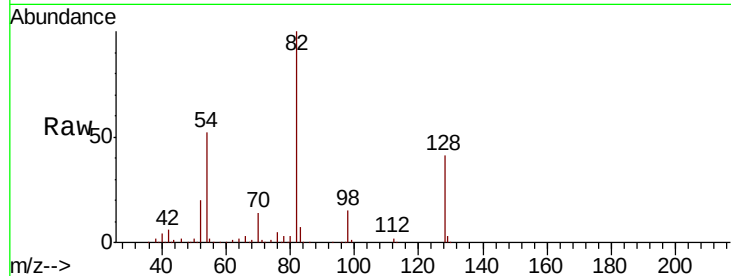




#23
Nitrobenzene-d5
Concen: 88.017 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043375.D
Acq: 29 Oct 2019 15:44

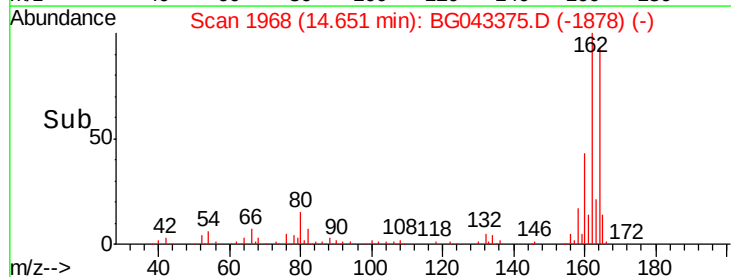
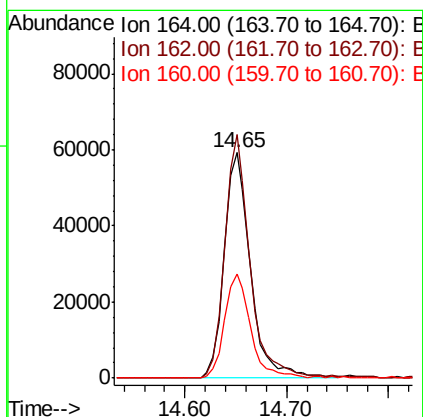
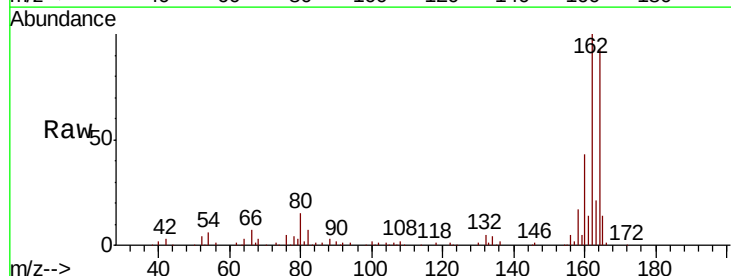
Instrument :
BNA_G
ClientSampleId :
PB124300BL

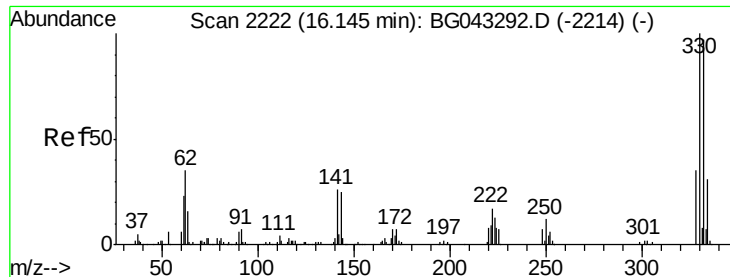
Tot Ion	82	Resp	233834
Ion Ratio	Lower	Upper	
82	100		
128	40.8	35.3	52.9
54	52.2	42.3	63.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043375.D
Acq: 29 Oct 2019 15:44

Tgt Ion	164	Resp	106627
Ion Ratio	Lower	Upper	
164	100		
162	108.1	87.0	130.4
160	46.3	35.5	53.3

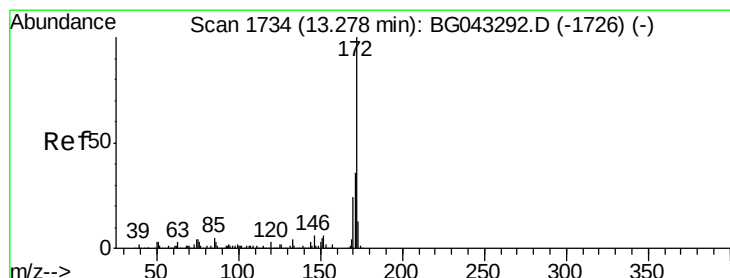
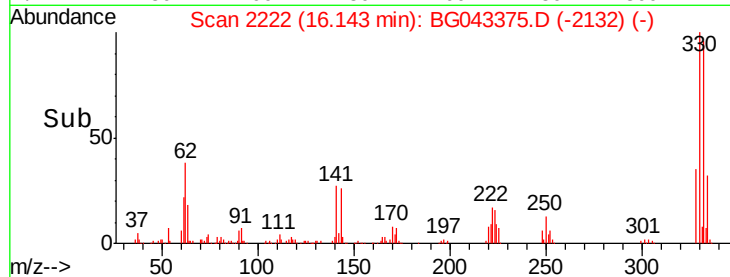
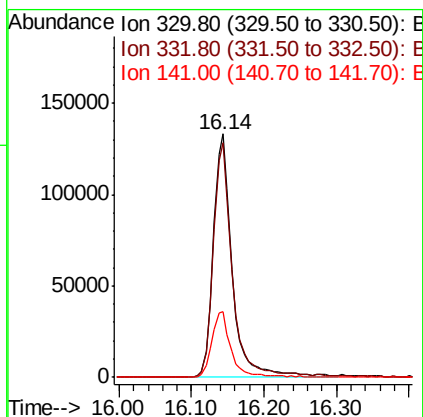
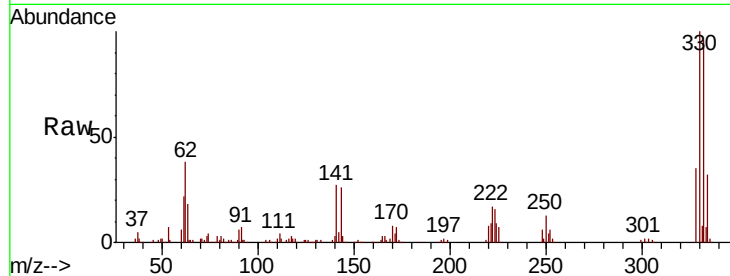




#42
 2,4,6-Tribromophenol
 Concen: 119.636 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043375.D
 Acq: 29 Oct 2019 15:44

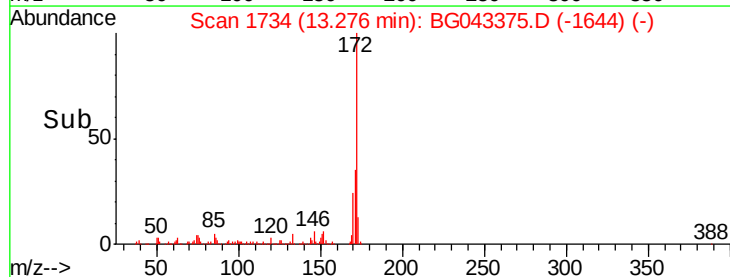
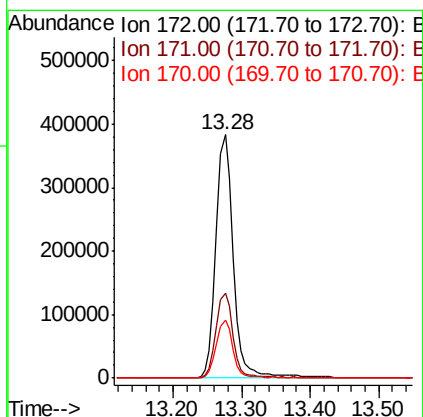
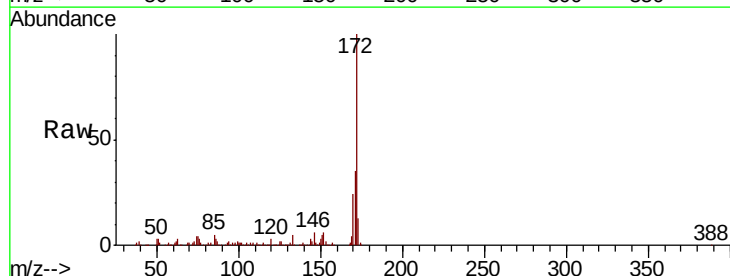
Instrument :
 BNA_G
 ClientSampleId :
 PB124300BL

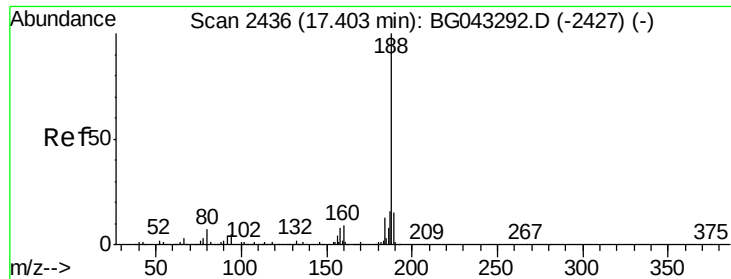
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.4	114.6
141	27.0	21.4	32.0



#45
 2-Fluorobiphenyl
 Concen: 88.008 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043375.D
 Acq: 29 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	24.0	18.8	28.2

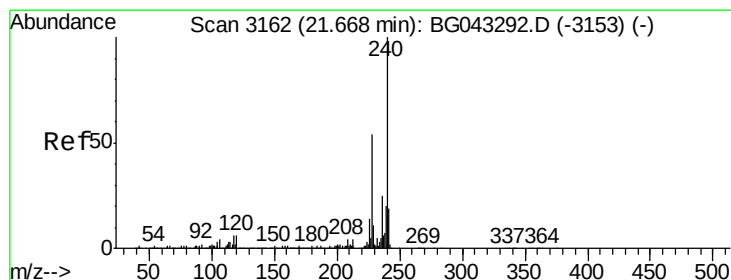
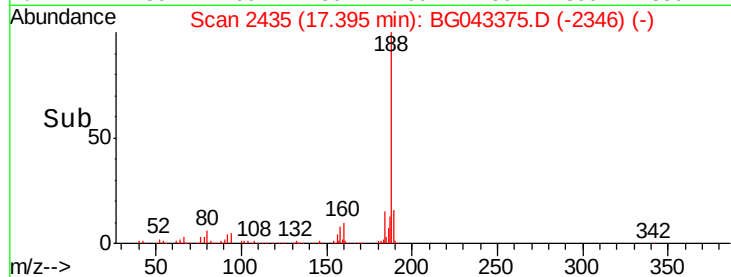
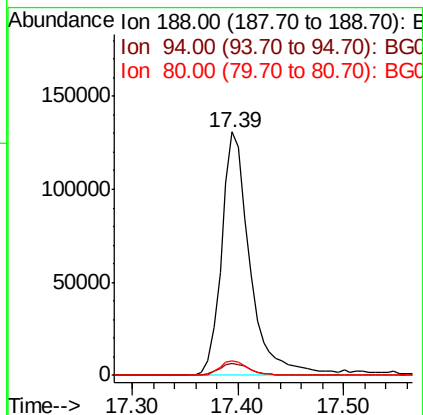
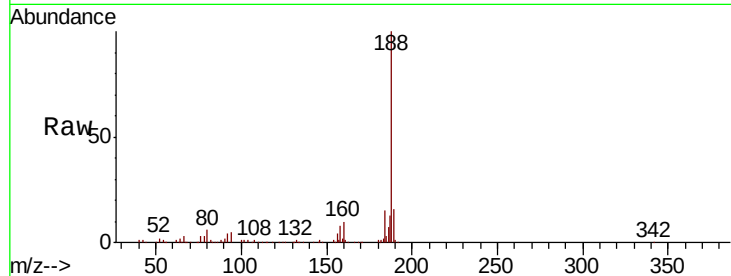




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG043375.D
 Acq: 29 Oct 2019 15:44

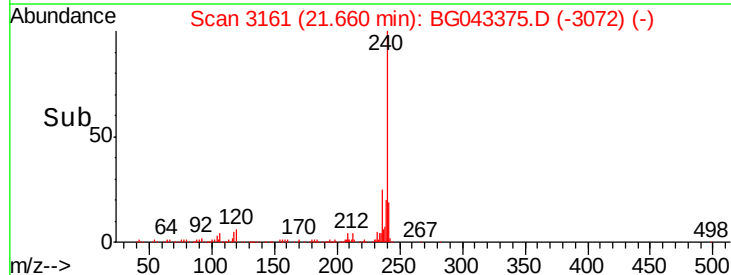
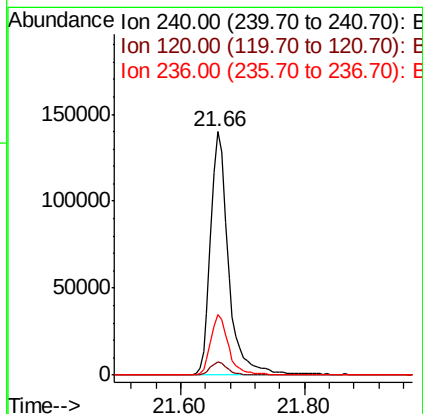
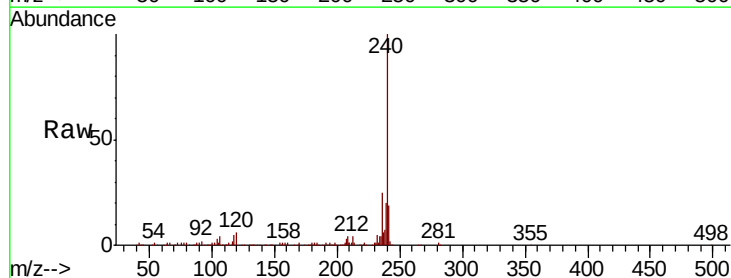
Instrument :
 BNA_G
 ClientSampleId :
 PB124300BL

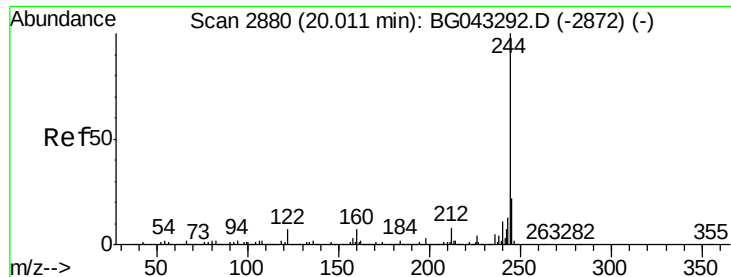
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.2	6.2
80	6.0	5.2	7.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG043375.D
 Acq: 29 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.6	7.0
236	24.8	20.2	30.4





#79

Terphenyl-d14

Concen: 90.328 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043375.D

Acq: 29 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB124300BL

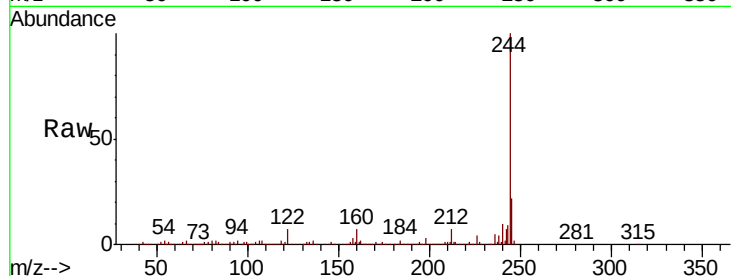
Tot Ion:244 Resp: 1354068

Ion Ratio Lower Upper

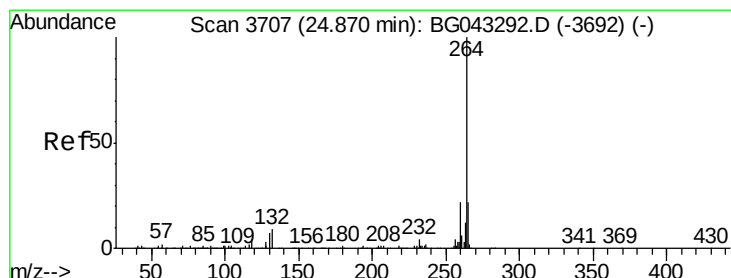
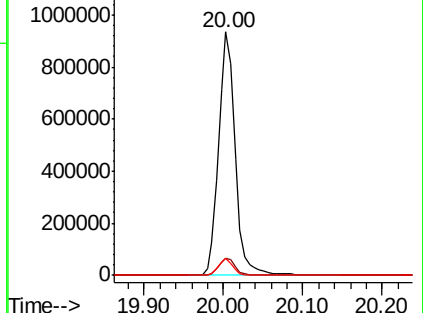
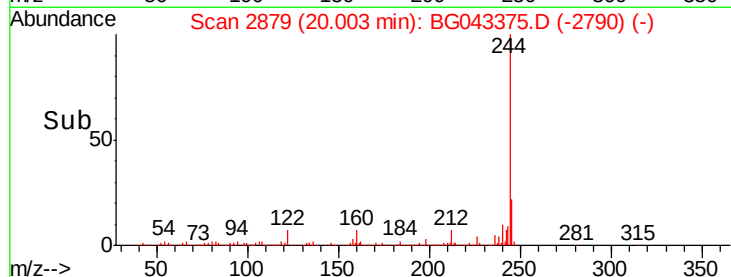
244 100

212 7.2 6.4 9.6

122 7.1 5.3 7.9



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: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043375.D

Acq: 29 Oct 2019 15:44

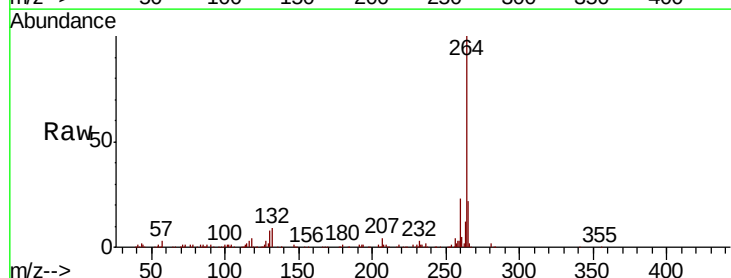
Tgt Ion:264 Resp: 318371

Ion Ratio Lower Upper

264 100

260 22.9 17.9 26.9

265 21.6 17.4 26.2



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

