

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
 Data File : BG045145.D
 Acq On : 23 Apr 2020 17:10
 Operator : CG/JU
 Sample : L2350-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-S

Quant Time: Apr 23 17:55:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:58:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	74179	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	308581	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	225186	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	503442	20.00	ng	0.00
76) Chrysene-d12	21.65	240	450163	20.00	ng	0.00
87) Perylene-d12	24.83	264	484895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	594059	132.22	ng	0.00
7) Phenol-d6	7.17	99	760322	113.89	ng	0.00
23) Nitrobenzene-d5	9.16	82	680865	100.68	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	529878	152.32	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1573439	102.46	ng	0.00
79) Terphenyl-d14	20.00	244	2287128	110.74	ng	0.00

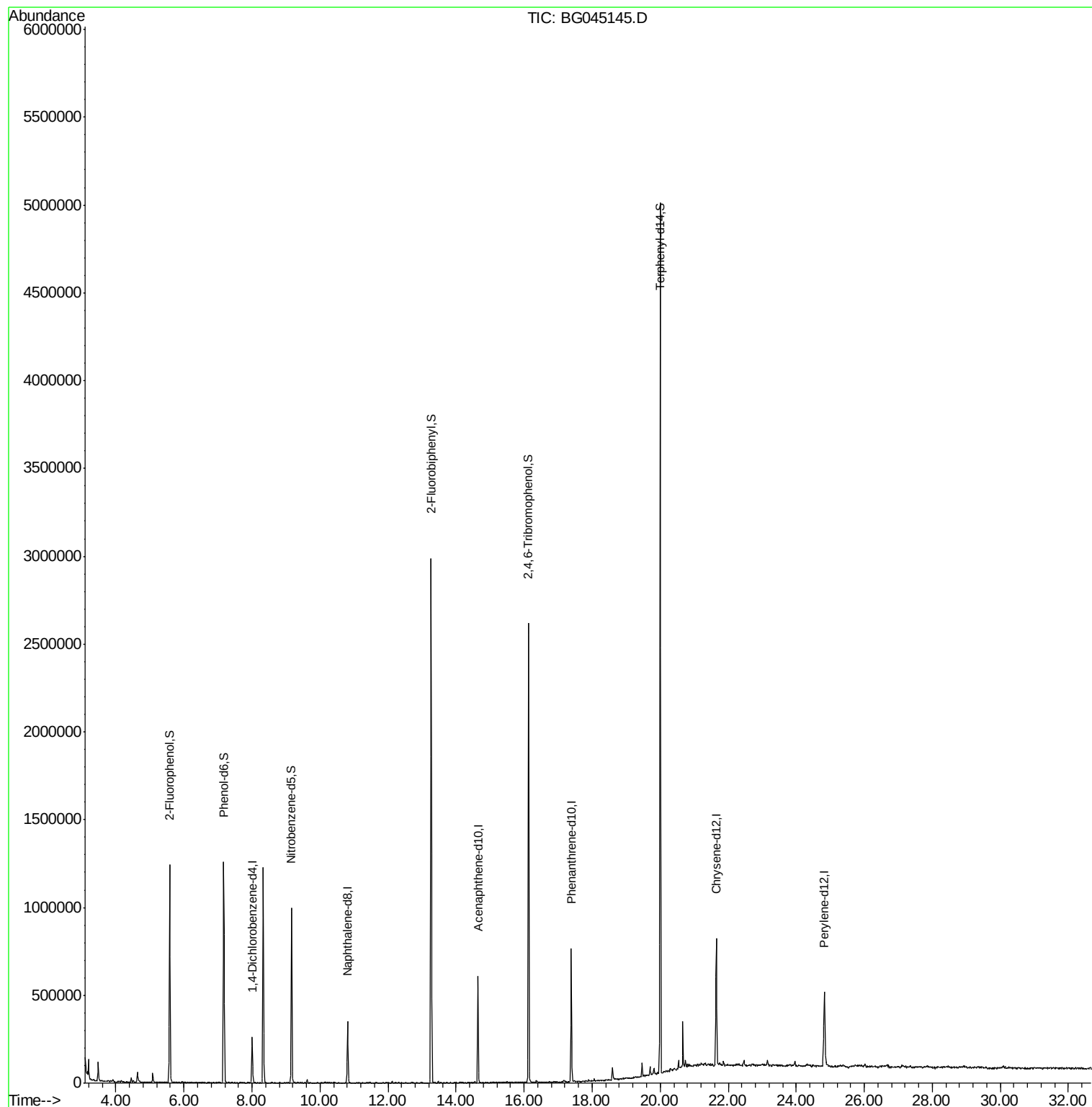
Target Compounds Qvalue

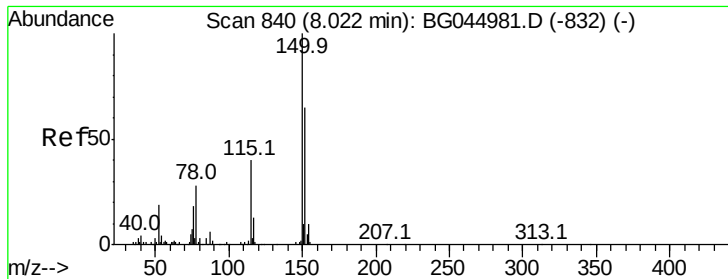
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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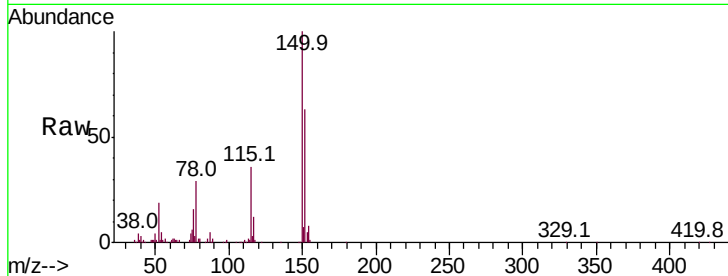


#1

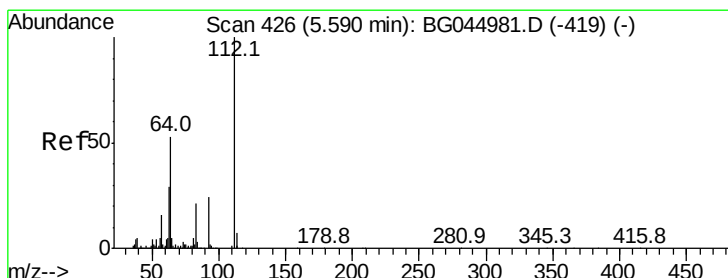
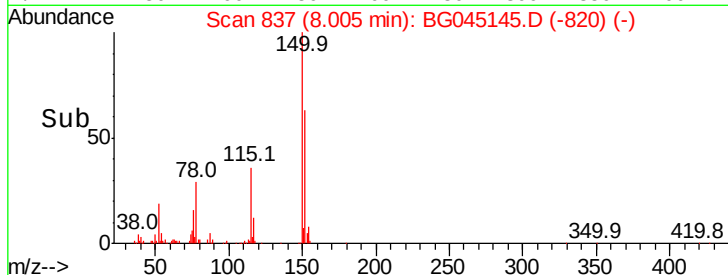
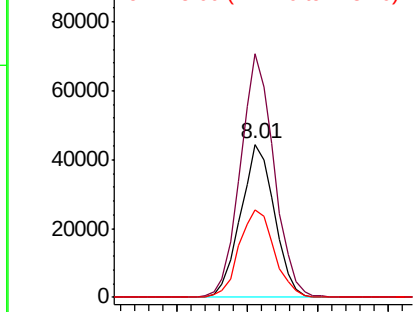
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BG045145.D
 Acq: 23 Apr 2020 17:10

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.6	185.4
115	56.9	49.1	73.7



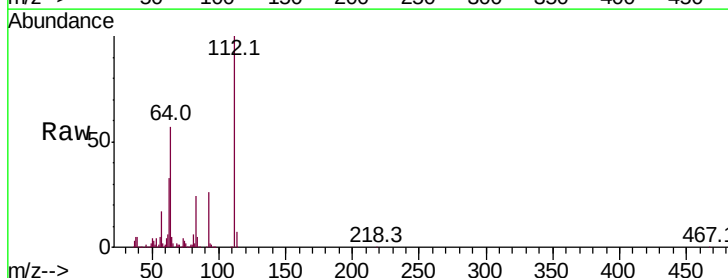
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



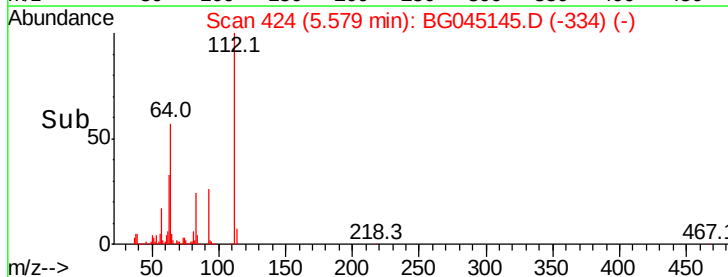
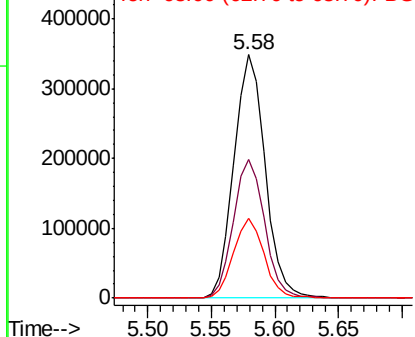
#5

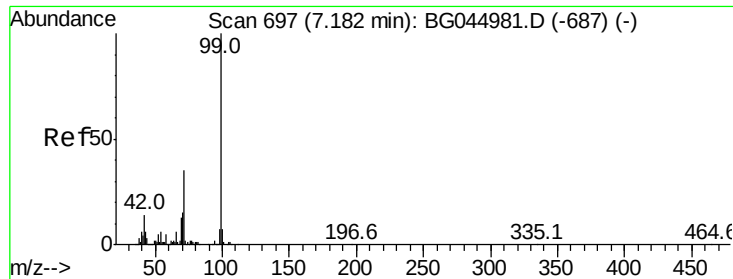
2-Fluorophenol
 Concen: 132.215 ng
 RT: 5.58 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BG045145.D
 Acq: 23 Apr 2020 17:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	42.4	63.6
63	32.6	23.1	34.7



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: 113.895 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045145.D

Acq: 23 Apr 2020 17:10

Instrument :

BNA_G

ClientSampleId :

TP-5-S

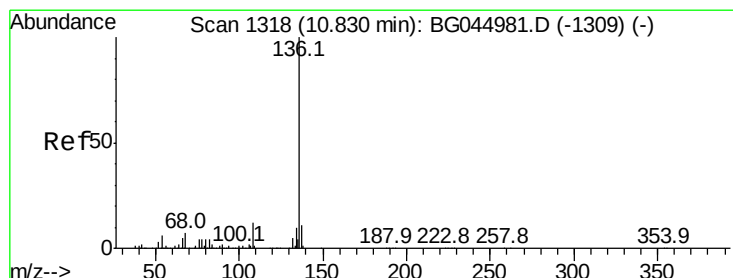
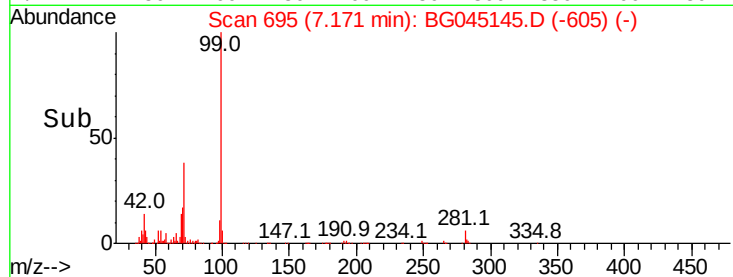
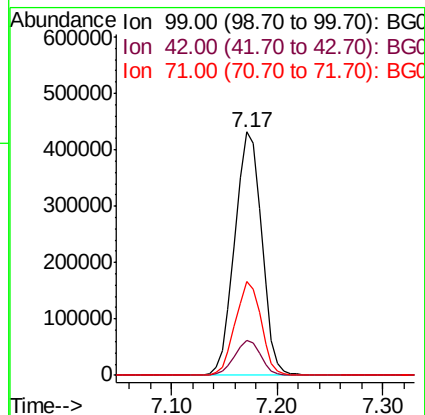
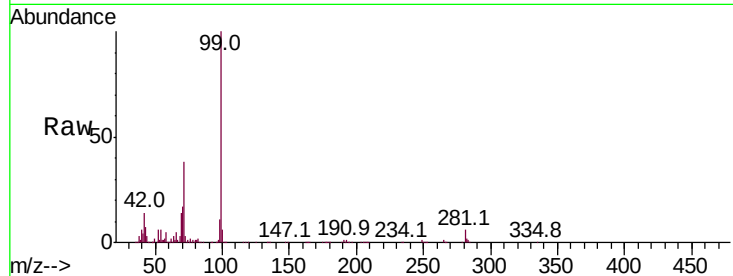
Tot Ion: 99 Resp: 760322

Ion Ratio Lower Upper

99 100

42 14.1 11.3 16.9

71 38.4 28.3 42.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BG045145.D

Acq: 23 Apr 2020 17:10

Tgt Ion: 136 Resp: 308581

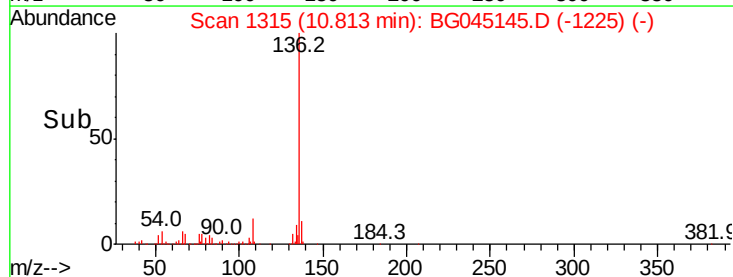
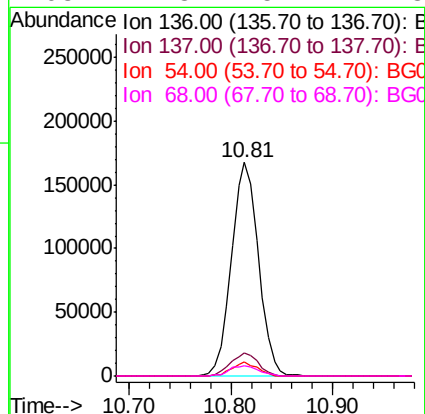
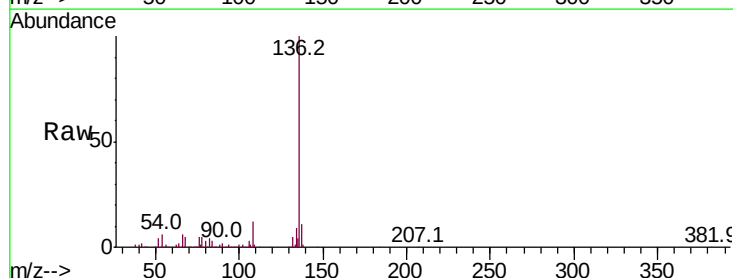
Ion Ratio Lower Upper

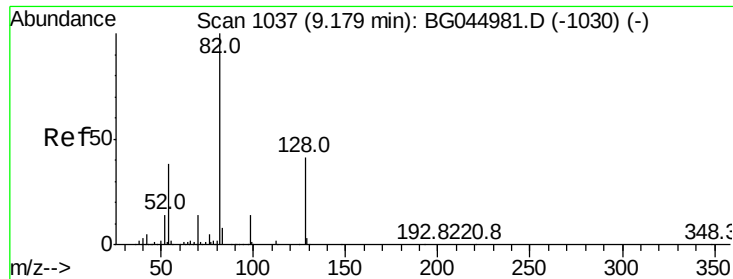
136 100

137 11.0 8.6 13.0

54 6.5 4.8 7.2

68 4.8 5.2 7.8#

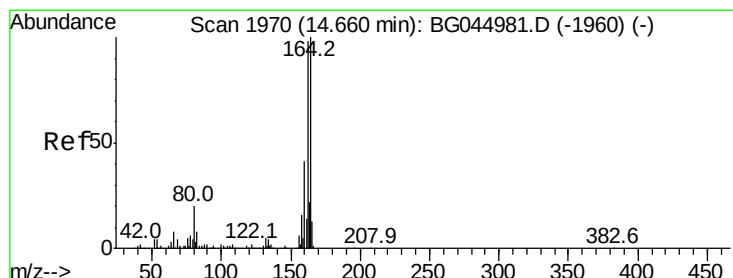
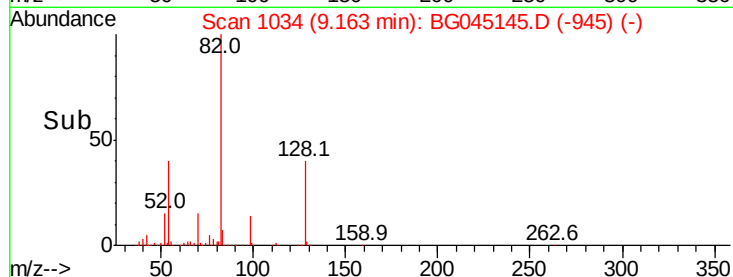
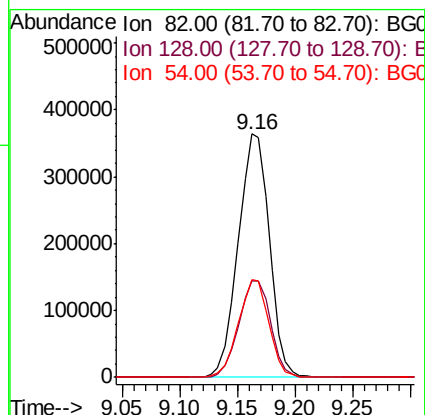
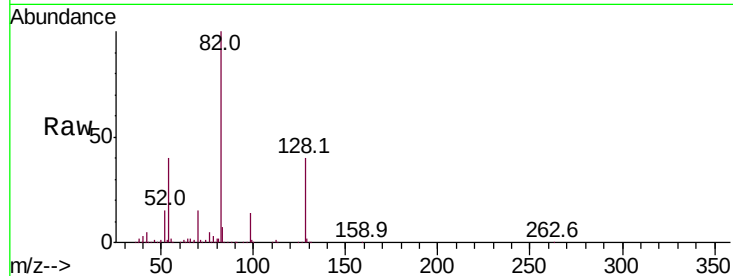




#23
 Nitrobenzene-d5
 Concen: 100.677 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG045145.D
 Acq: 23 Apr 2020 17:10

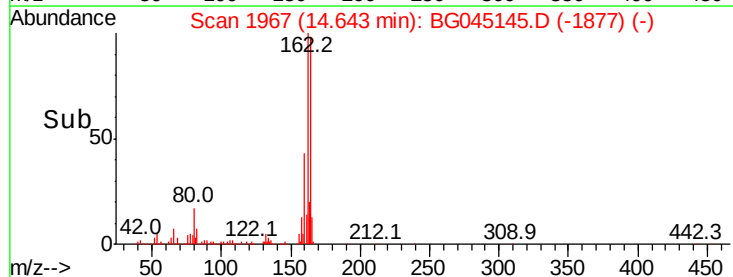
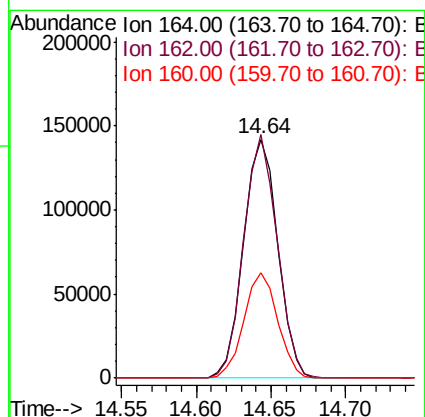
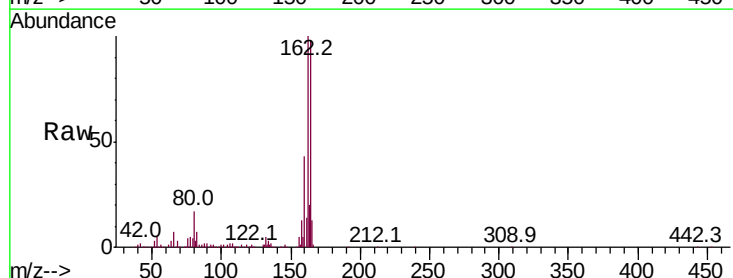
Instrument :
 BNA_G
 ClientSampleId :
 TP-5-S

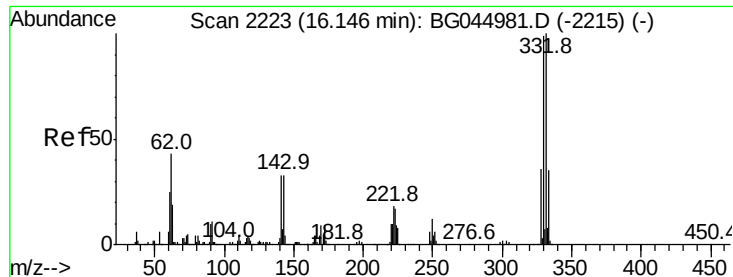
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.0	49.4
54	40.0	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BG045145.D
 Acq: 23 Apr 2020 17:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.7	118.1
160	44.4	32.8	49.2

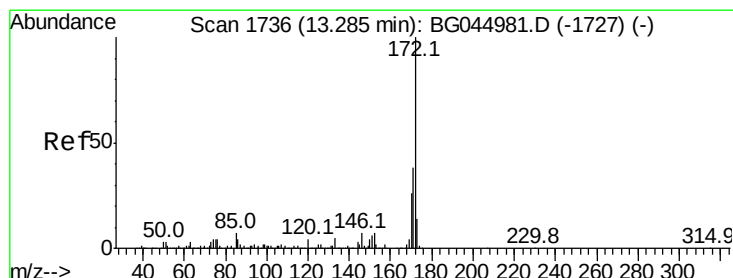
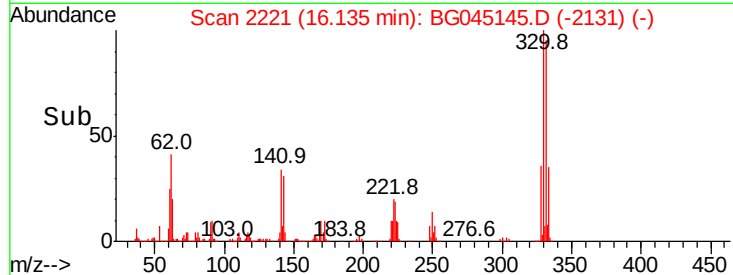
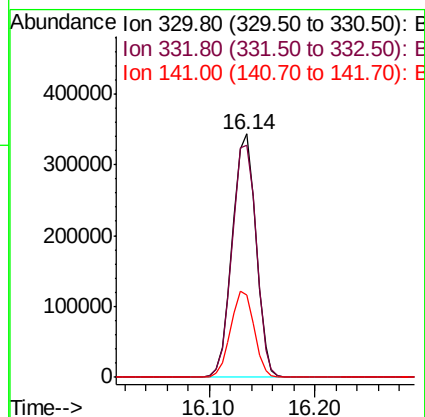
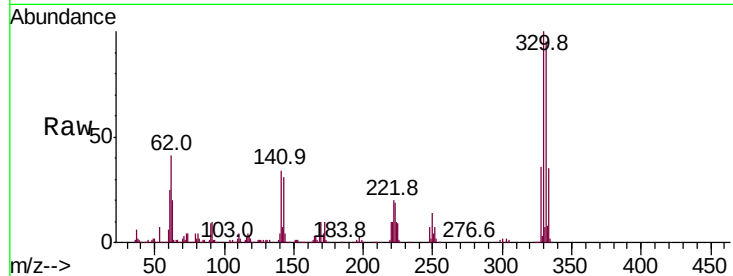




#42
 2,4,6-Tribromophenol
 Concen: 152.315 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BG045145.D
 Acq: 23 Apr 2020 17:10

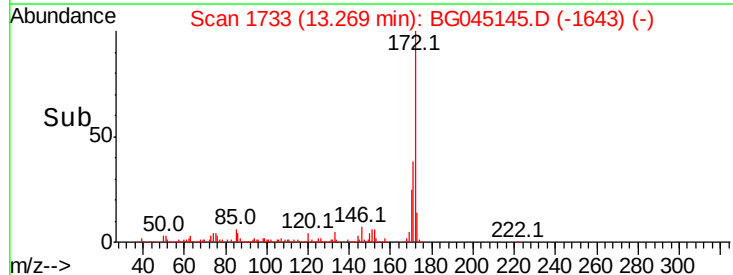
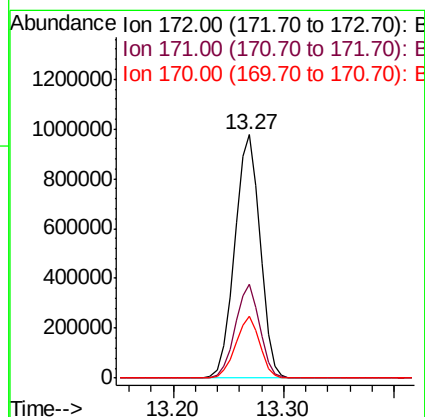
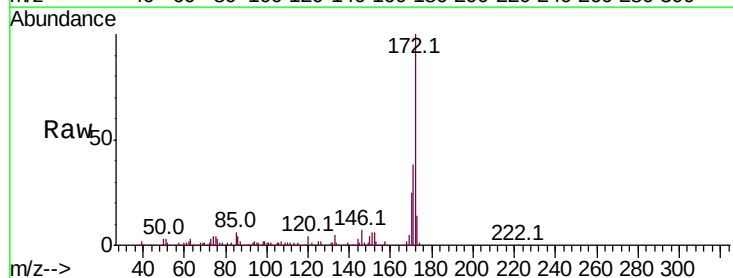
Instrument :
 BNA_G
 ClientSampled :
 TP-5-S

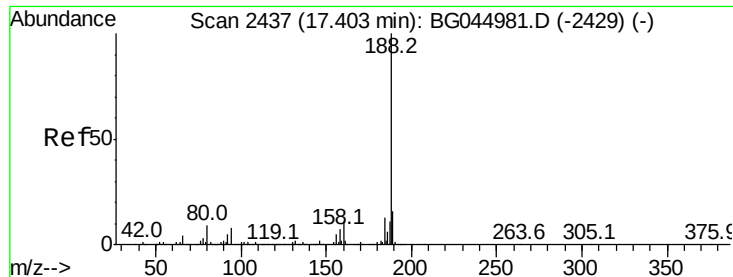
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.1	118.7
141	35.2	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 102.456 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: BG045145.D
 Acq: 23 Apr 2020 17:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.6	46.0
170	25.2	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BG045145.D

Acq: 23 Apr 2020 17:10

Instrument :

BNA_G

ClientSampleId :

TP-5-S

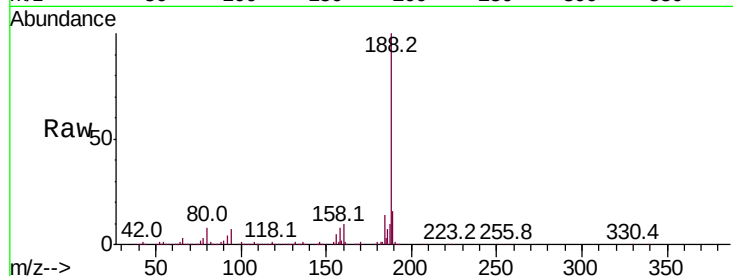
Tot Ion:188 Resp: 503442

Ion Ratio Lower Upper

188 100

94 6.6 6.2 9.4

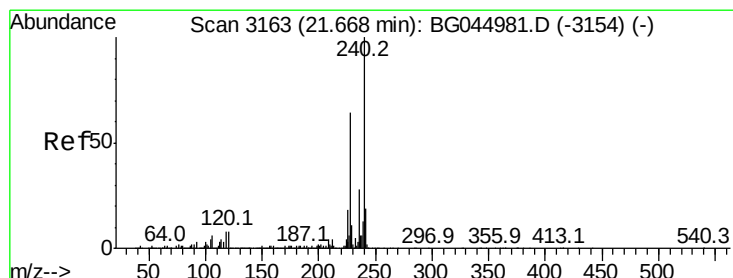
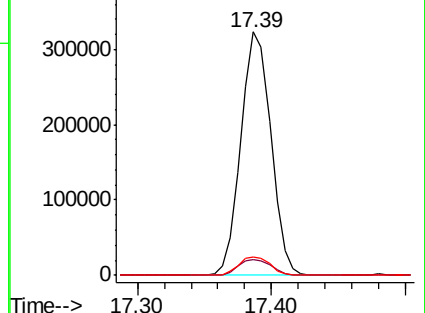
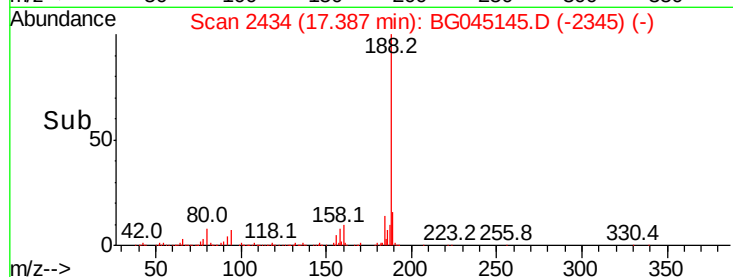
80 7.8 7.0 10.6



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: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG045145.D

Acq: 23 Apr 2020 17:10

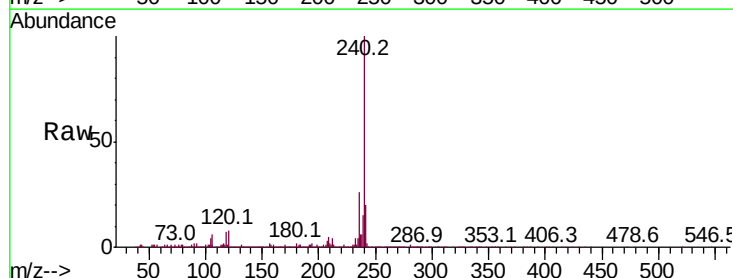
Tgt Ion:240 Resp: 450163

Ion Ratio Lower Upper

240 100

120 7.7 6.6 10.0

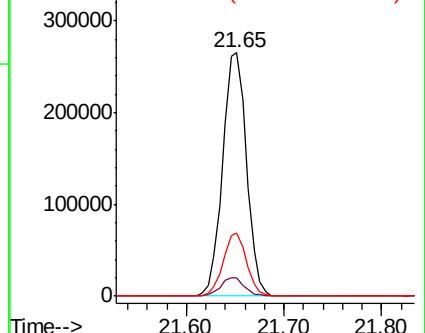
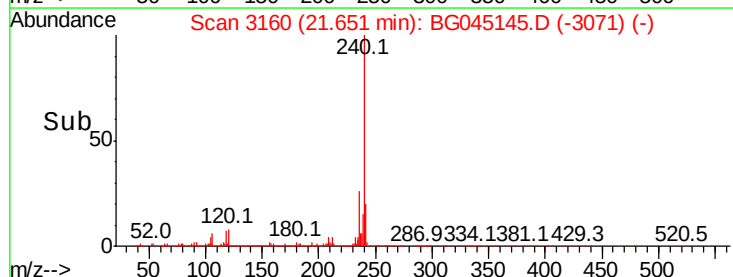
236 25.9 22.2 33.2

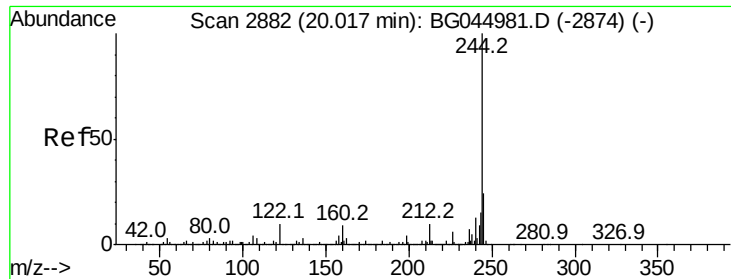


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 110.737 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG045145.D

Acq: 23 Apr 2020 17:10

Instrument :

BNA_G

ClientSampleId :

TP-5-S

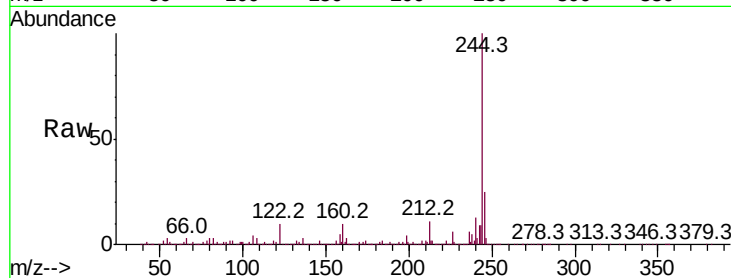
Tot Ion:244 Resp: 2287128

Ion Ratio Lower Upper

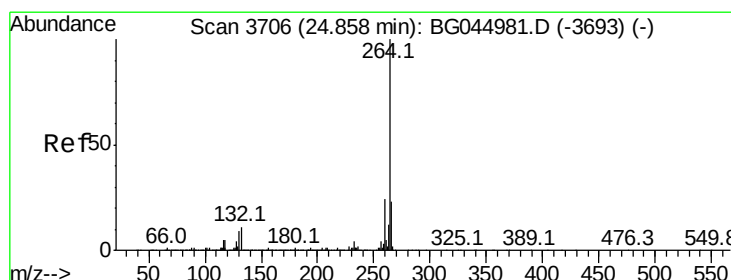
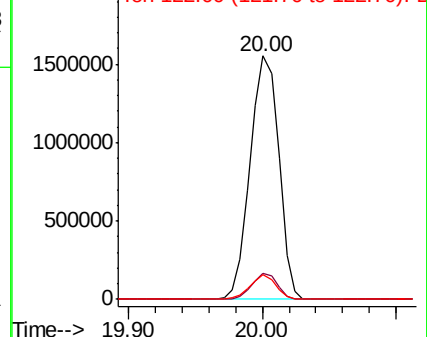
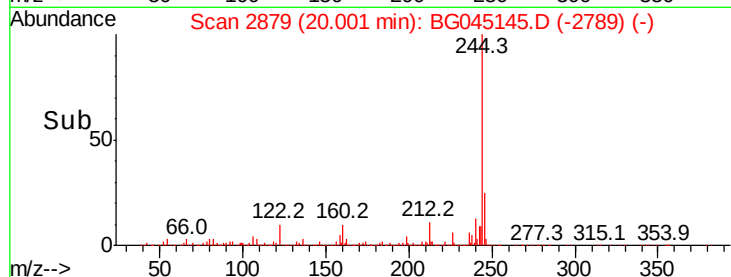
244 100

212 10.7 7.9 11.9

122 10.0 7.7 11.5



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: 24.83 min Scan# 3701

Delta R.T. -0.01 min

Lab File: BG045145.D

Acq: 23 Apr 2020 17:10

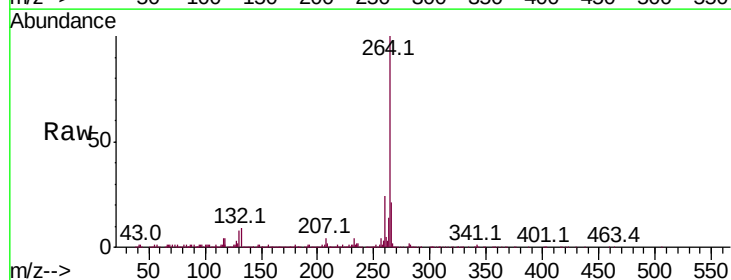
Tgt Ion:264 Resp: 484895

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.4 19.0 28.4



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

