

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
 Data File : BG045228.D
 Acq On : 1 May 2020 22:58
 Operator : CG/JU
 Sample : PB128614TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128614TB

Quant Time: May 02 05:31:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 11:17:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	65075	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	249139	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	189823	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	457519	20.00	ng	0.00
76) Chrysene-d12	21.64	240	475901	20.00	ng	-0.01
87) Perylene-d12	24.82	264	502327	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	504014	127.87	ng	0.00
7) Phenol-d6	7.15	99	709874	121.21	ng	0.00
23) Nitrobenzene-d5	9.15	82	487667	89.31	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	395923	135.01	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1167494	90.18	ng	0.00
79) Terphenyl-d14	19.99	244	2136629	97.85	ng	0.00

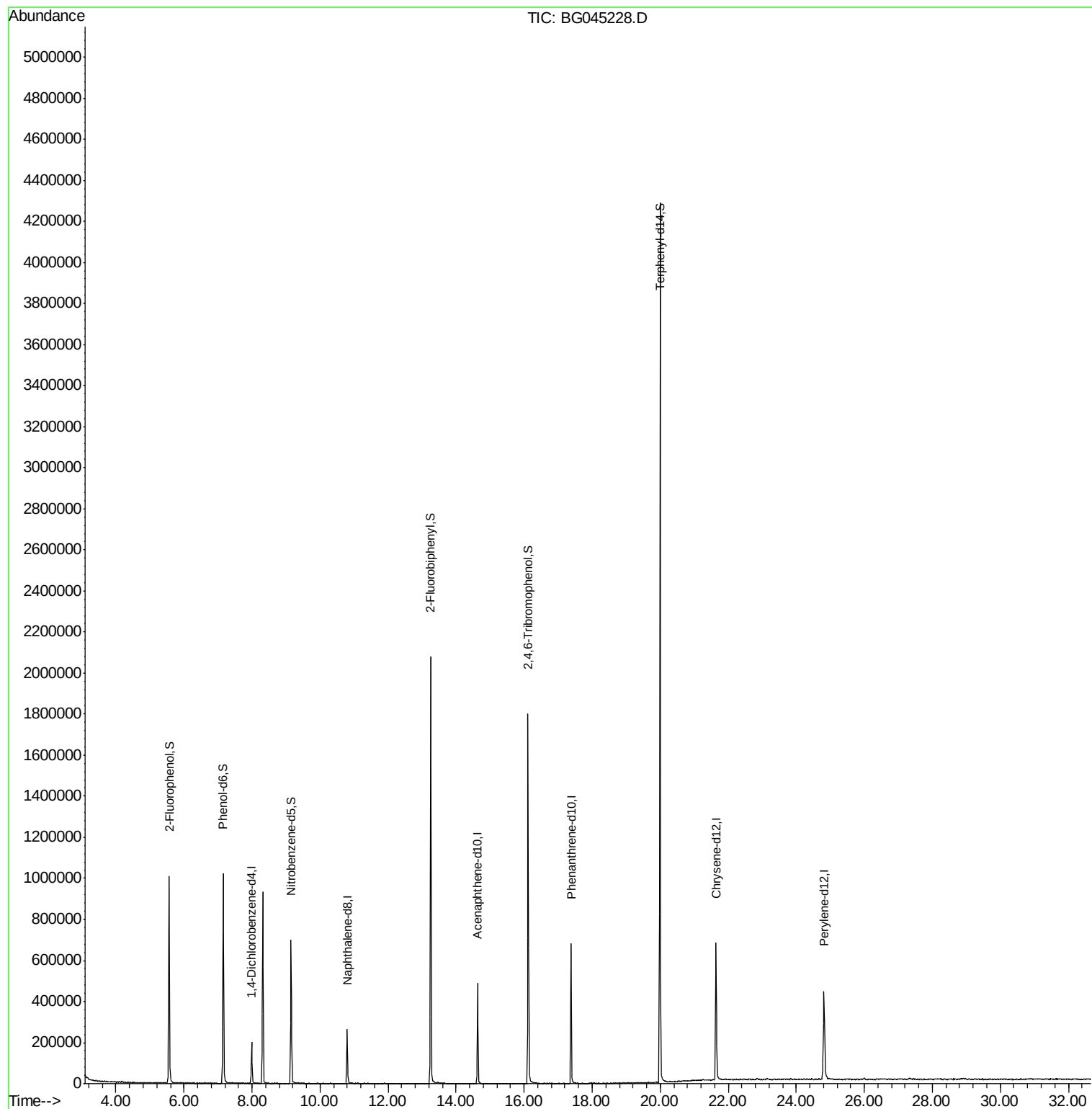
Target Compounds Qvalue

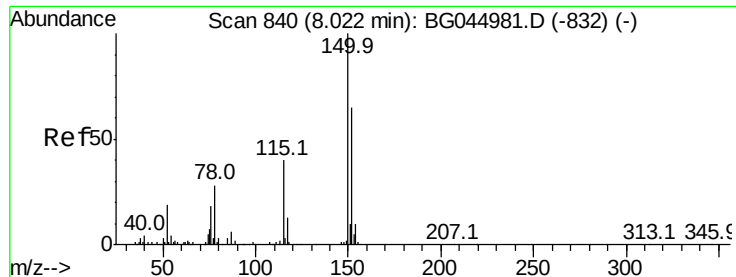
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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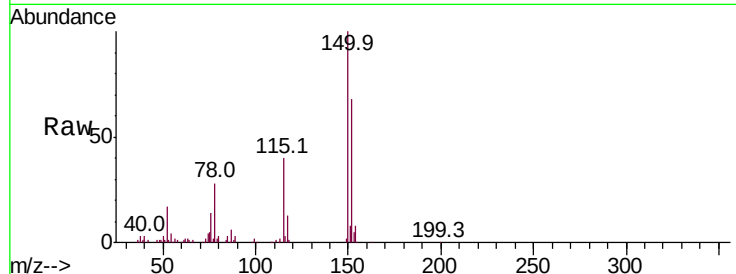


#1

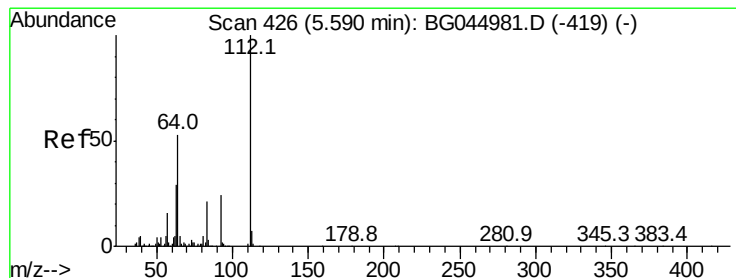
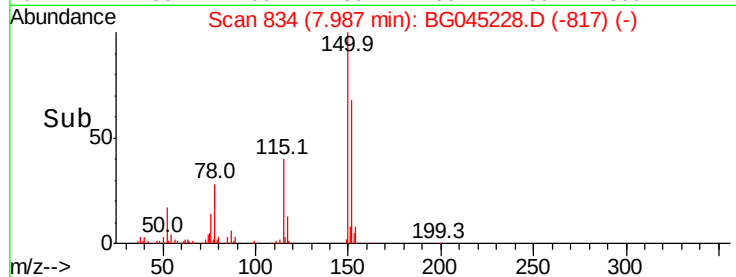
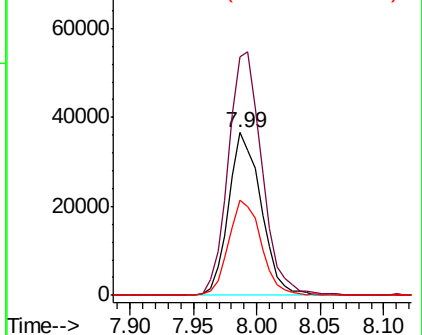
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045228.D
Acq: 1 May 2020 22:58

Instrument :
BNA_G
ClientSampleId :
PB128614TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	123.6	185.4
115	58.4	49.1	73.7



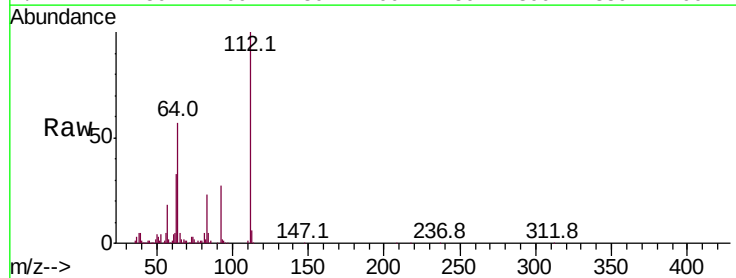
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



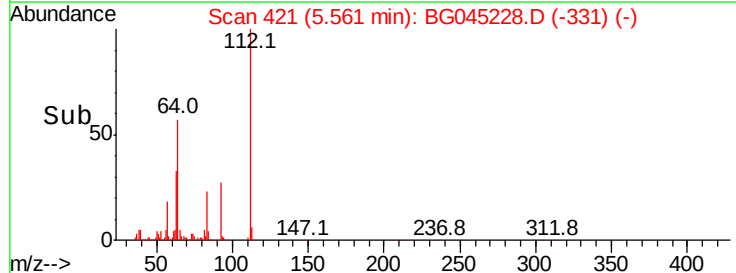
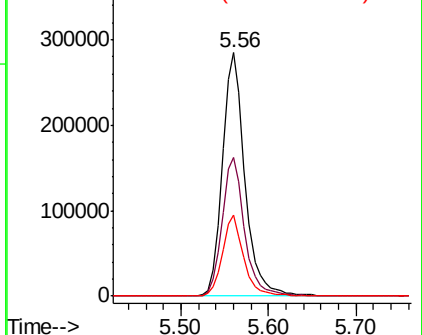
#5

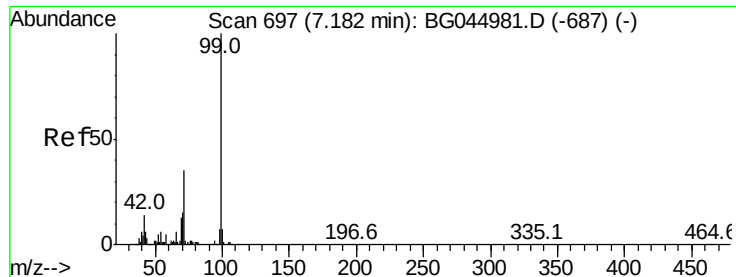
2-Fluorophenol
Concen: 127.868 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045228.D
Acq: 1 May 2020 22:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	42.4	63.6
63	33.1	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: 121.214 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045228.D

Acq: 1 May 2020 22:58

Instrument :

BNA_G

ClientSampleId :

PB128614TB

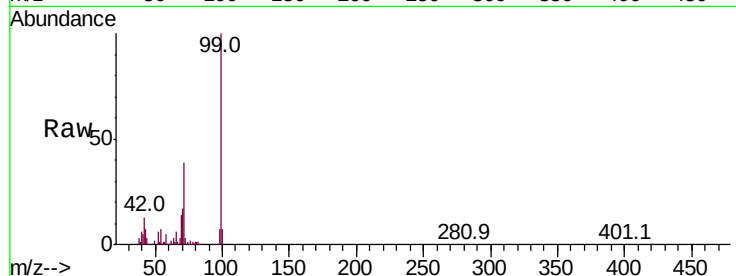
Tot Ion: 99 Resp: 709874

Ion Ratio Lower Upper

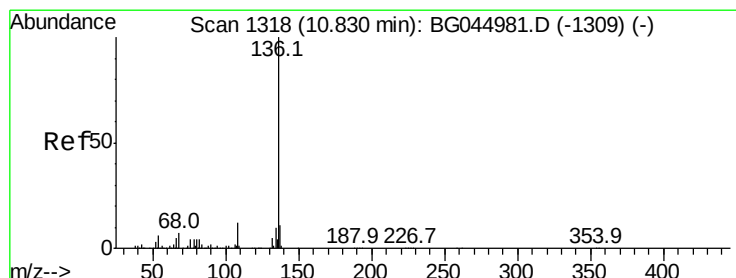
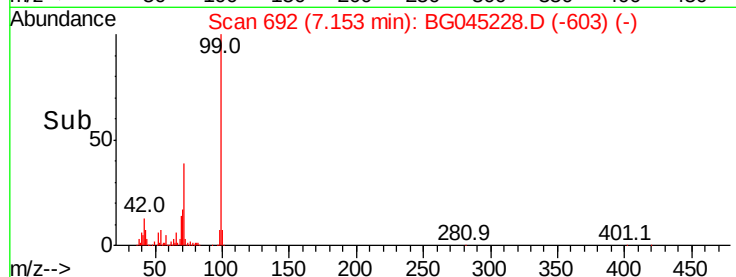
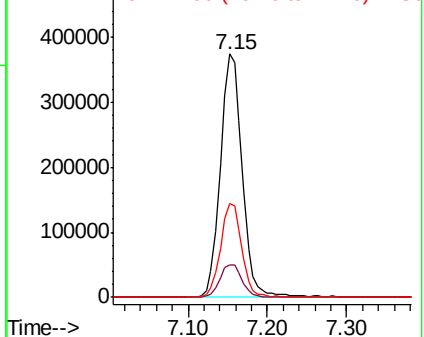
99 100

42 13.2 11.3 16.9

71 38.7 28.3 42.5



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BG045228.D

Acq: 1 May 2020 22:58

Tgt Ion: 136 Resp: 249139

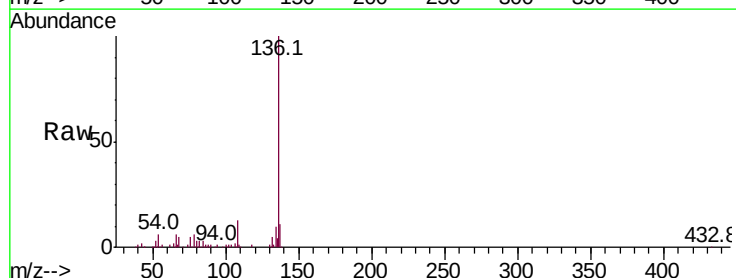
Ion Ratio Lower Upper

136 100

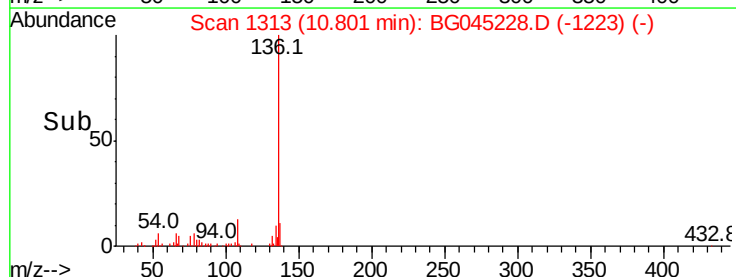
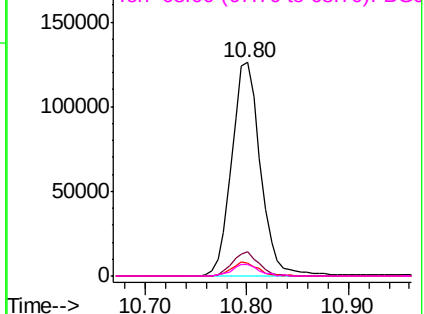
137 11.4 8.6 13.0

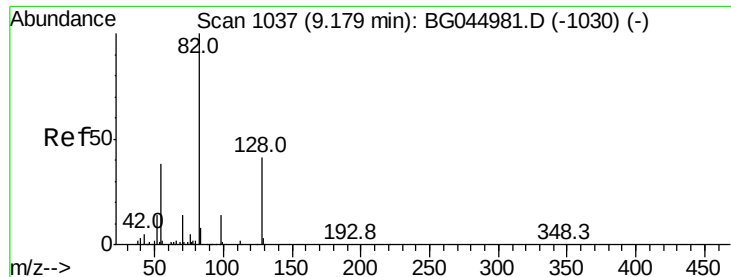
54 6.1 4.8 7.2

68 5.3 5.2 7.8



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

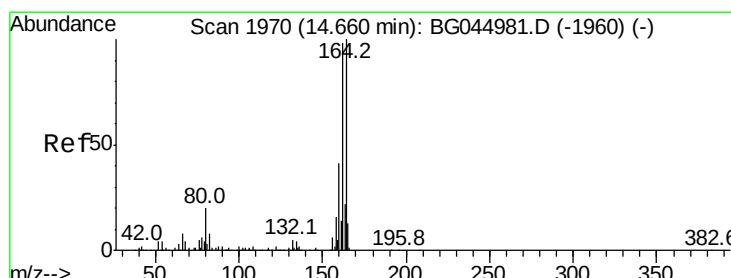
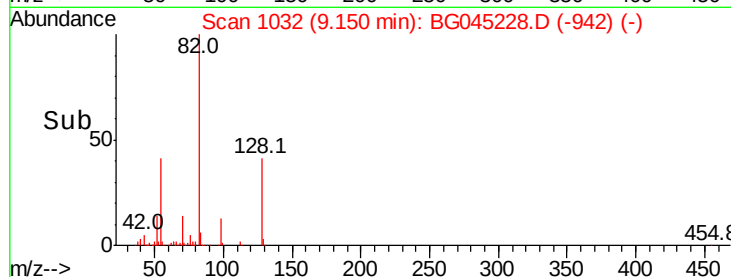
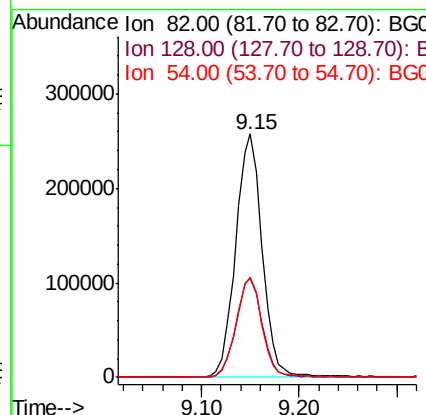
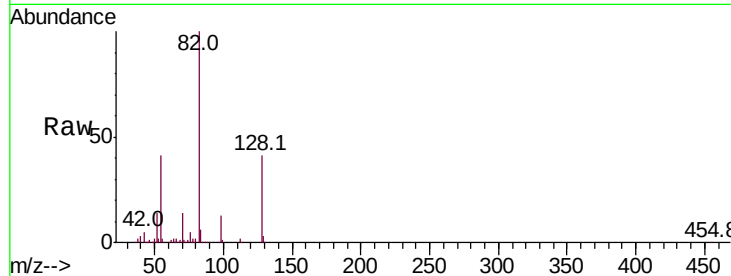




#23
 Nitrobenzene-d5
 Concen: 89.314 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BG045228.D
 Acq: 1 May 2020 22:58

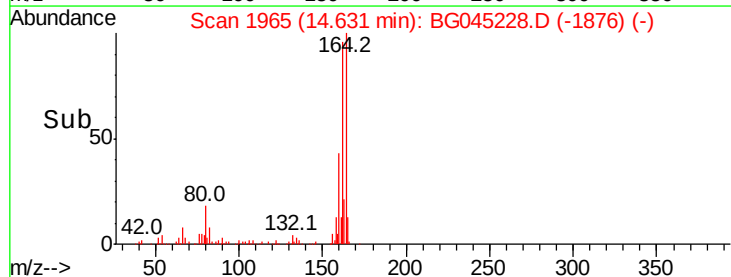
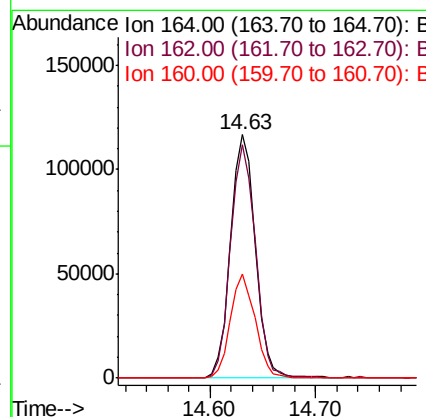
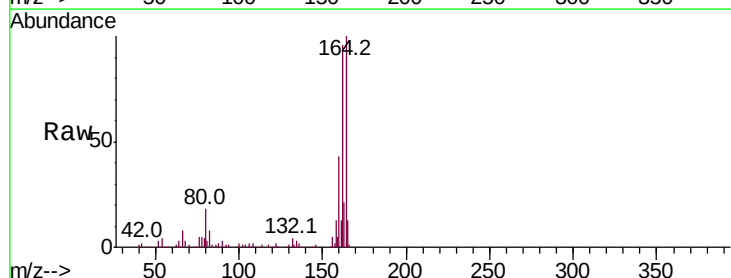
Instrument :
 BNA_G
 ClientSampleId :
 PB128614TB

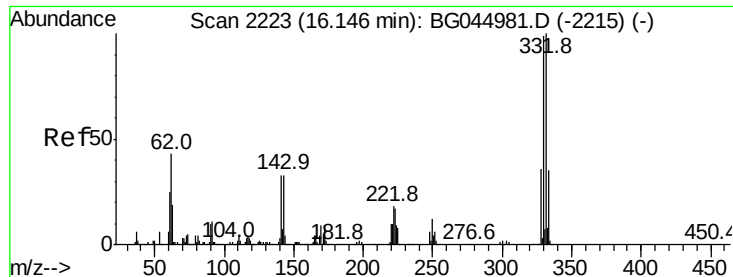
Tot Ion	82	Resp	487667
Ion Ratio	Lower	Upper	
82	100		
128	40.7	33.0	49.4
54	41.2	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BG045228.D
 Acq: 1 May 2020 22:58

Tgt Ion	164	Resp	189823
Ion Ratio	Lower	Upper	
164	100		
162	96.1	78.7	118.1
160	42.9	32.8	49.2

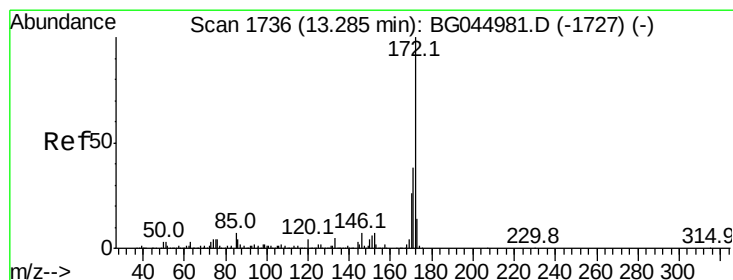
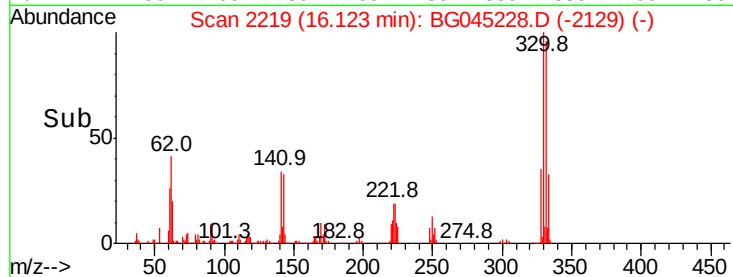
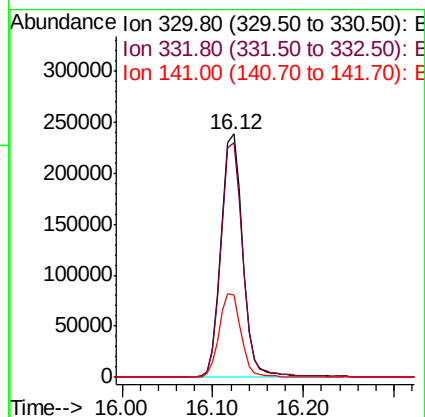
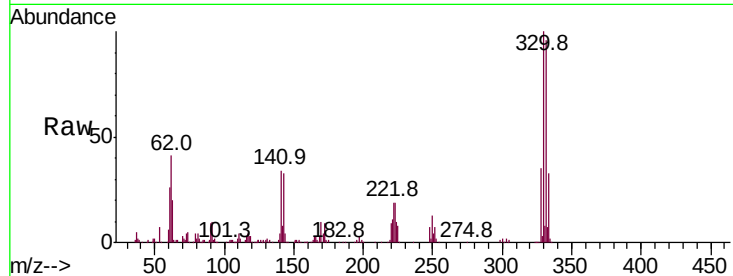




#42
 2,4,6-Tribromophenol
 Concen: 135.011 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: BG045228.D
 Acq: 1 May 2020 22:58

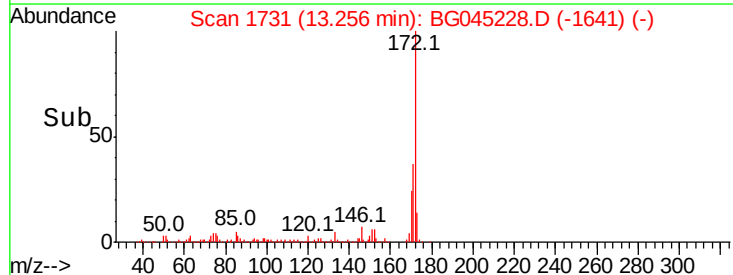
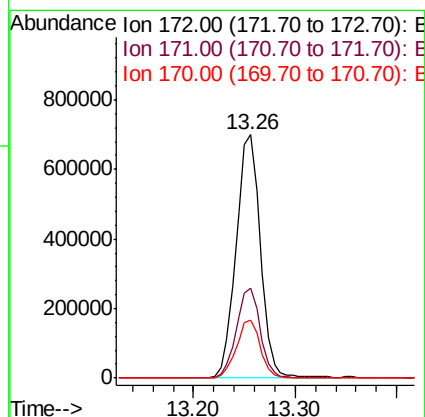
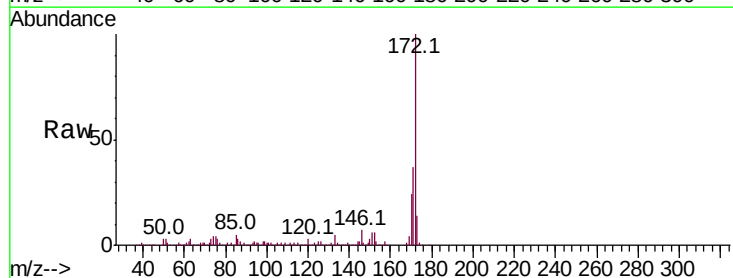
Instrument :
 BNA_G
 ClientSampleId :
 PB128614TB

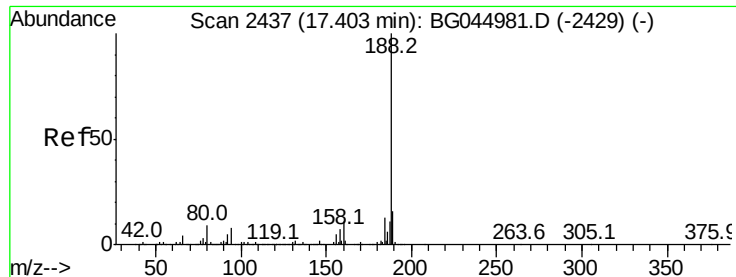
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.1	118.7
141	34.4	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 90.185 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG045228.D
 Acq: 1 May 2020 22:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	46.0
170	23.8	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BG045228.D

Acq: 1 May 2020 22:58

Instrument :

BNA_G

ClientSampleId :

PB128614TB

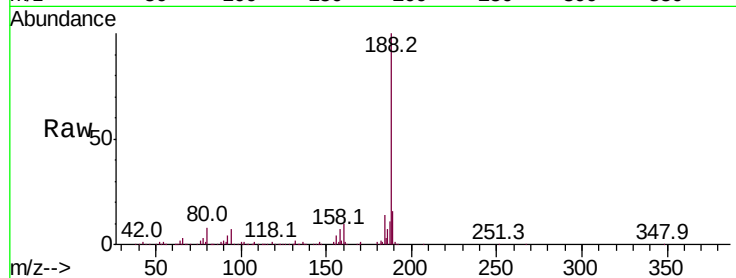
Tot Ion:188 Resp: 457519

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.4

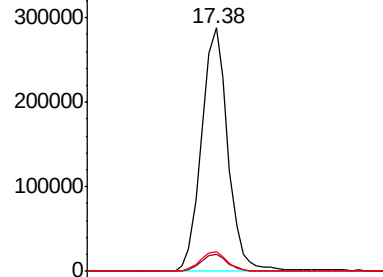
80 8.0 7.0 10.6



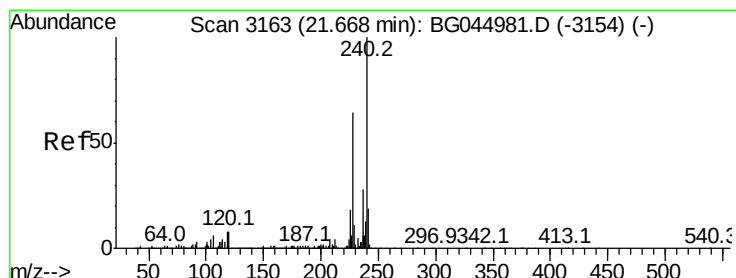
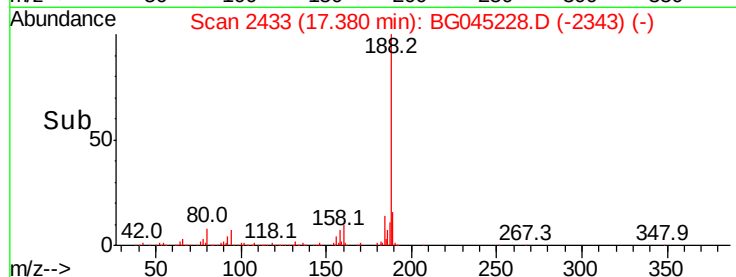
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG045228.D

Acq: 1 May 2020 22:58

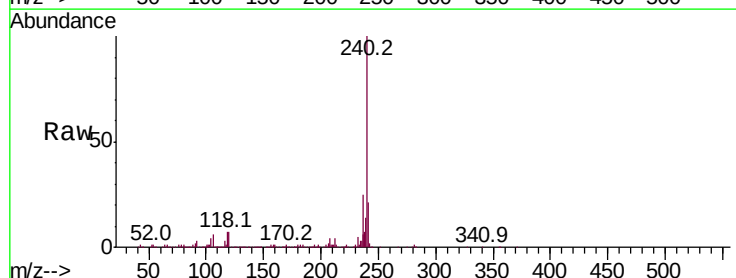
Tgt Ion:240 Resp: 475901

Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

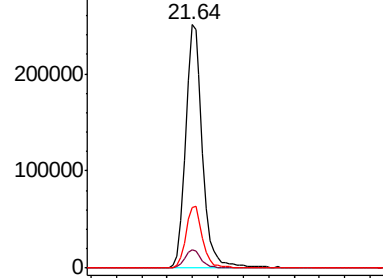
236 25.1 22.2 33.2



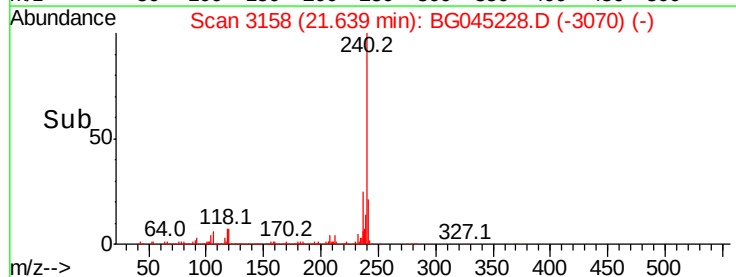
Abundance Ion 240.00 (239.70 to 240.70): E

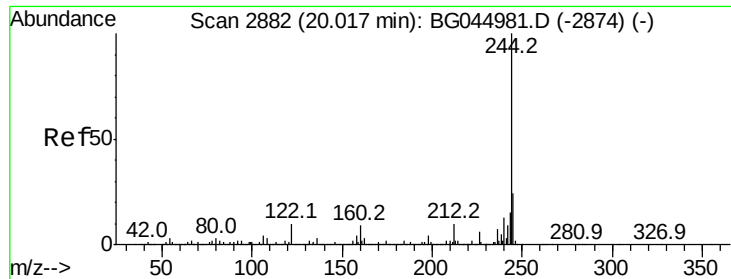
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 97.855 ng

RT: 19.99 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG045228.D

Acq: 1 May 2020 22:58

Instrument :

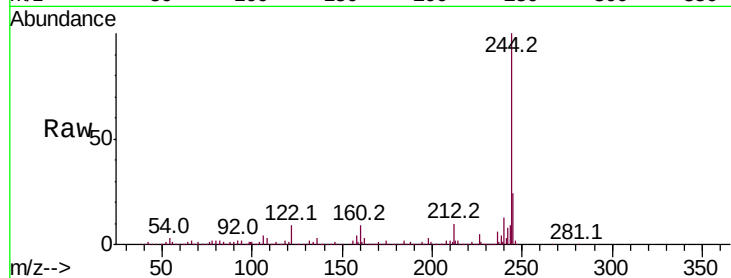
BNA_G

ClientSampleId :

PB128614TB

Tot Ion:244 Resp: 2136629

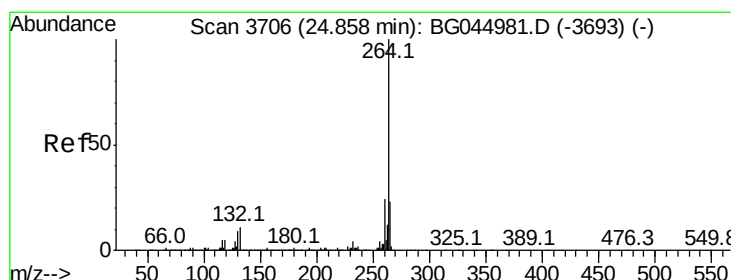
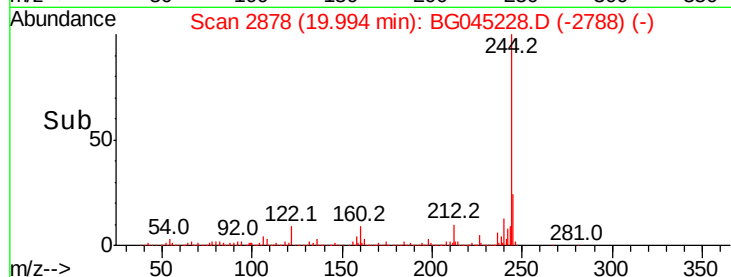
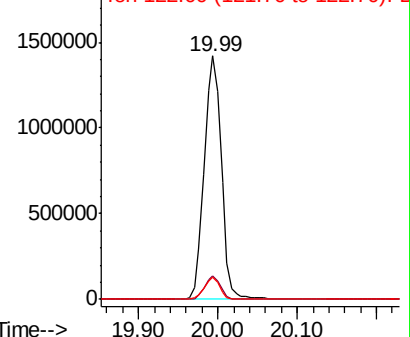
Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.9	11.9
122	9.0	7.7	11.5



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: 24.82 min Scan# 3699

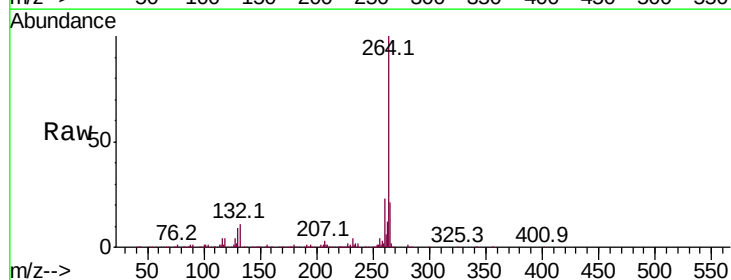
Delta R.T. -0.01 min

Lab File: BG045228.D

Acq: 1 May 2020 22:58

Tgt Ion:264 Resp: 502327

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	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

