

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045324.D
 Acq On : 12 May 2020 10:39
 Operator : CG/JU
 Sample : L2553-02 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-217

Quant Time: May 12 11:46:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	89166	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	378036	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	271194	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	565334	20.00	ng	0.00
76) Chrysene-d12	21.63	240	470096	20.00	ng	0.00
87) Perylene-d12	24.80	264	513265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	82553	15.29	ng	0.00
7) Phenol-d6	7.14	99	128516	16.02	ng	0.00
23) Nitrobenzene-d5	9.13	82	86406	10.43	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	61612	14.71	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	223625	12.09	ng	0.00
79) Terphenyl-d14	19.98	244	306418	14.21	ng	0.00

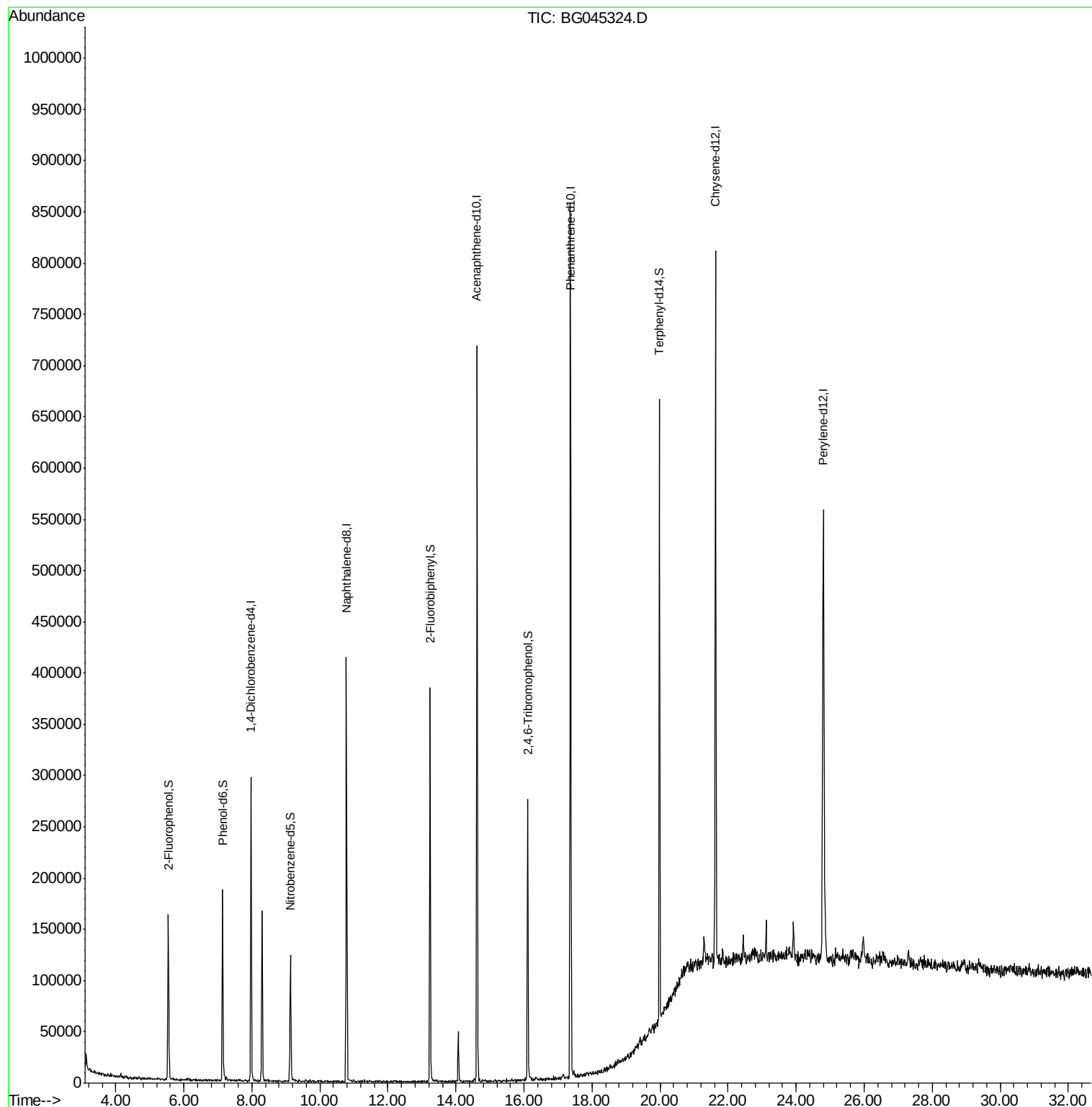
Target Compounds	Qvalue
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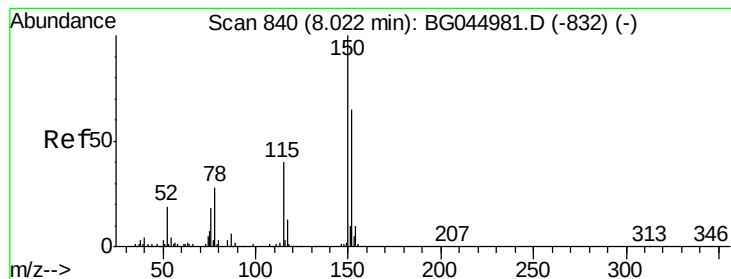
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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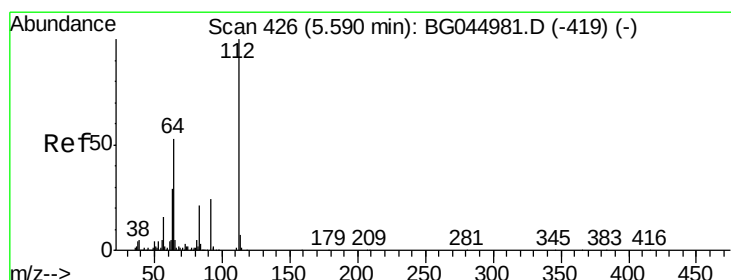
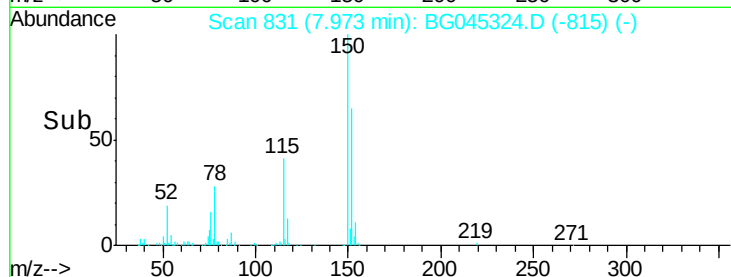
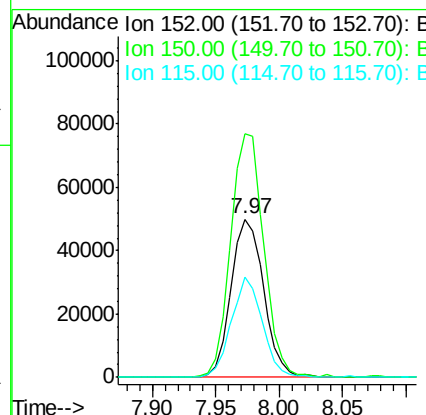
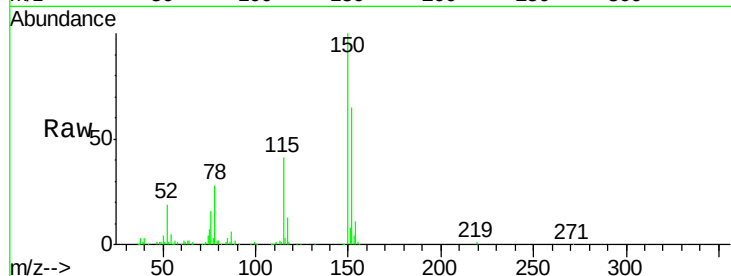


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045324.D
Acq: 12 May 2020 10:39

Instrument :
BNA_G
ClientSampleId :
VNJ-217

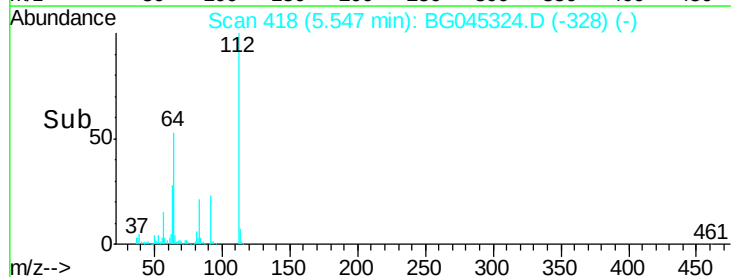
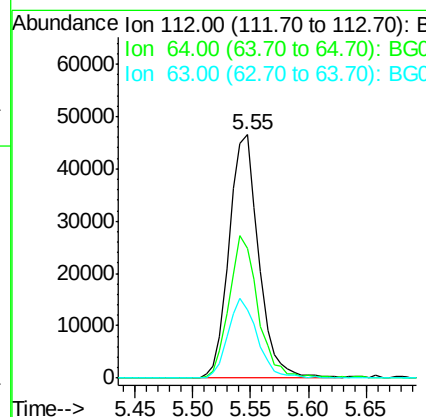
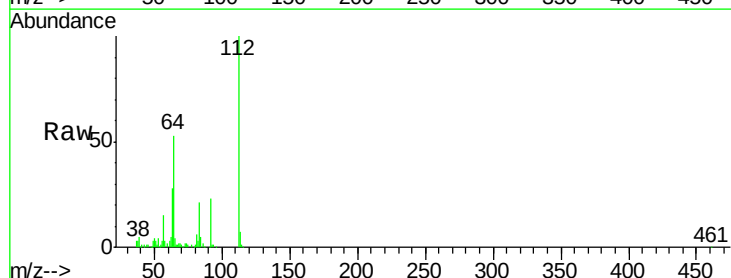
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.6	185.4
115	63.0	49.1	73.7

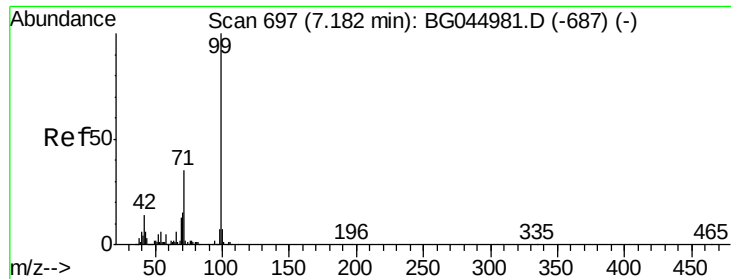


#5

2-Fluorophenol
Concen: 15.29 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.00 min
Lab File: BG045324.D
Acq: 12 May 2020 10:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.4	63.6
63	28.2	23.1	34.7





#7

Phenol-d6

Concen: 16.02 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045324.D

Acq: 12 May 2020 10:39

Instrument :

BNA_G

ClientSampleId :

VNJ-217

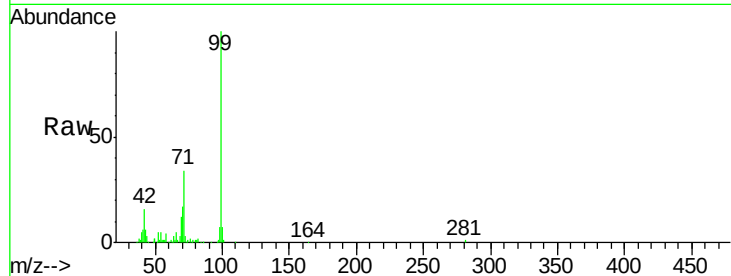
Tgt Ion: 99 Resp: 128516

Ion Ratio Lower Upper

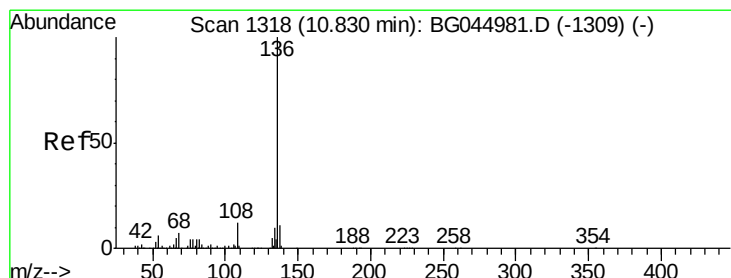
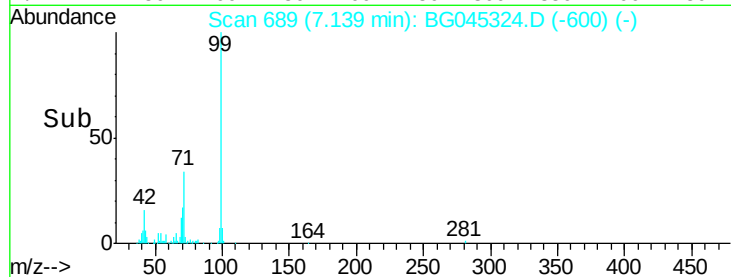
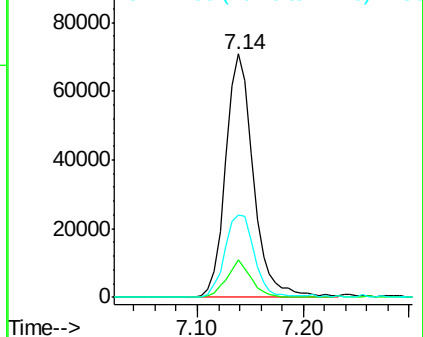
99 100

42 15.5 11.3 16.9

71 33.8 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: 20.00 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG045324.D

Acq: 12 May 2020 10:39

Tgt Ion: 136 Resp: 378036

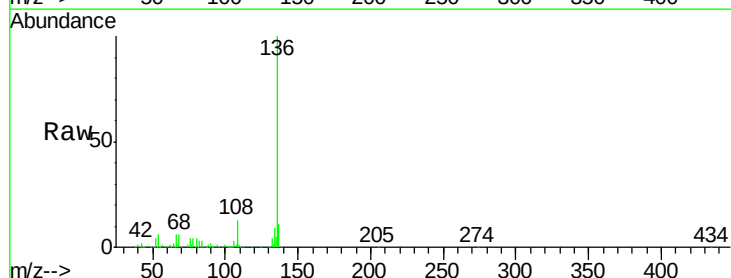
Ion Ratio Lower Upper

136 100

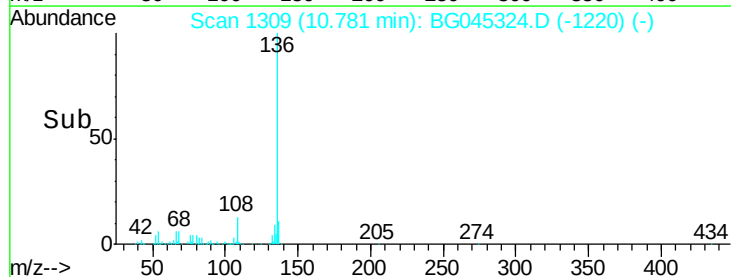
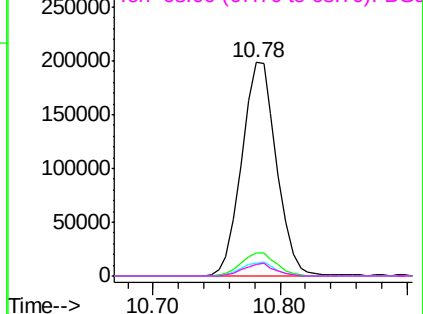
137 11.1 8.6 13.0

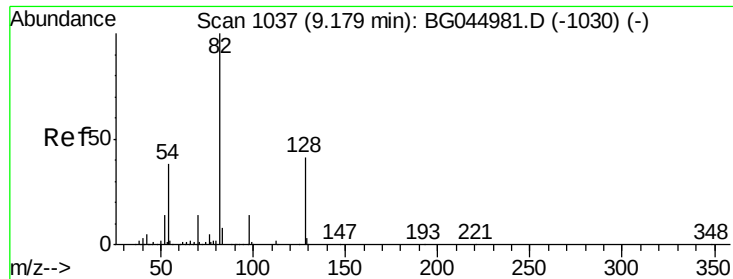
54 5.9 4.8 7.2

68 5.6 5.2 7.8



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

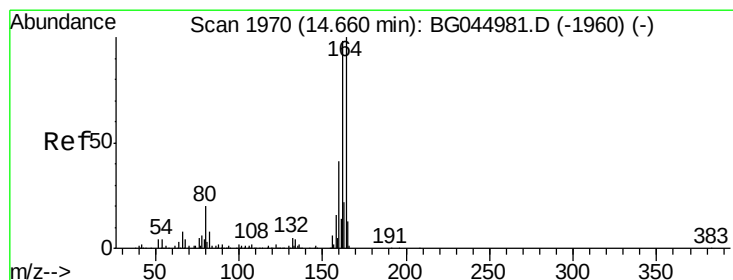
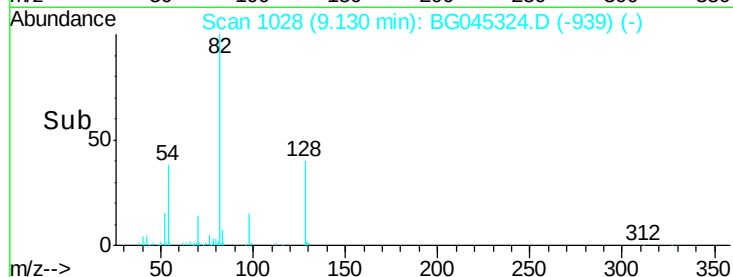
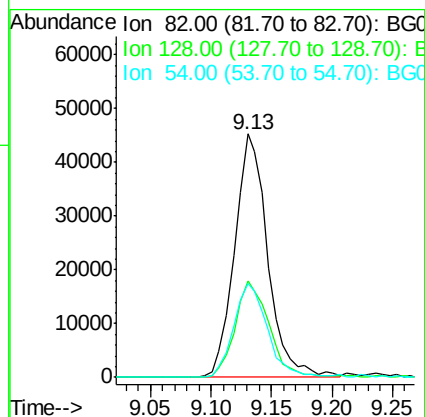
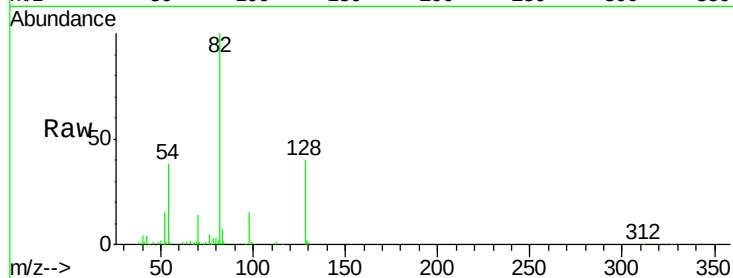




#23
Nitrobenzene-d5
Concen: 10.43 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG045324.D
Acq: 12 May 2020 10:39

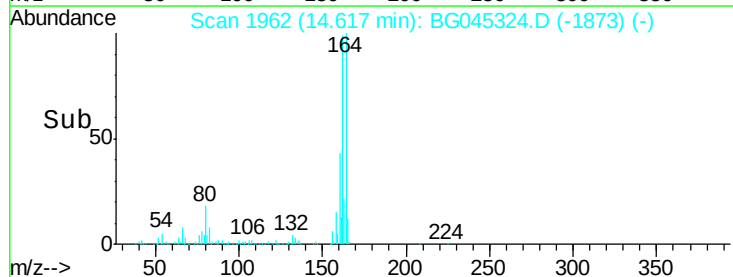
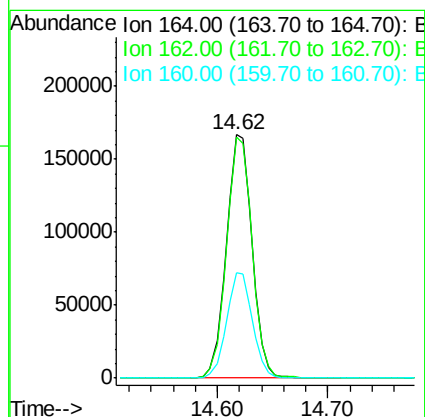
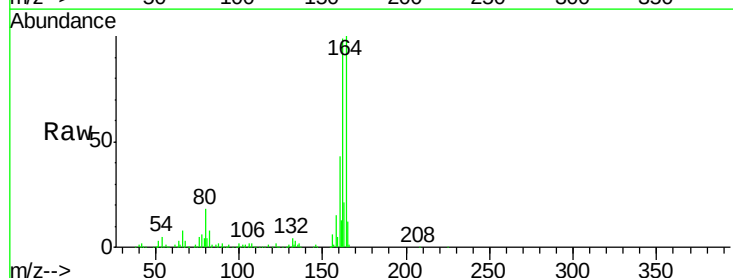
Instrument :
BNA_G
ClientSampleId :
VNJ-217

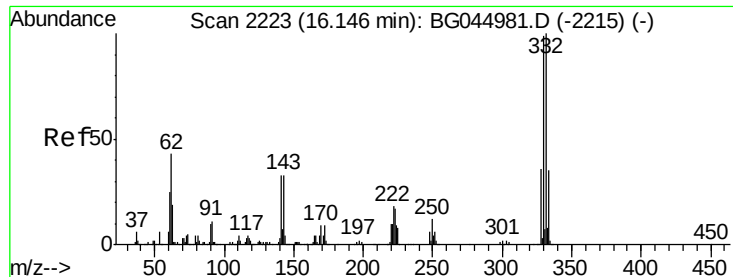
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.0	49.4
54	38.4	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG045324.D
Acq: 12 May 2020 10:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.7	118.1
160	43.3	32.8	49.2

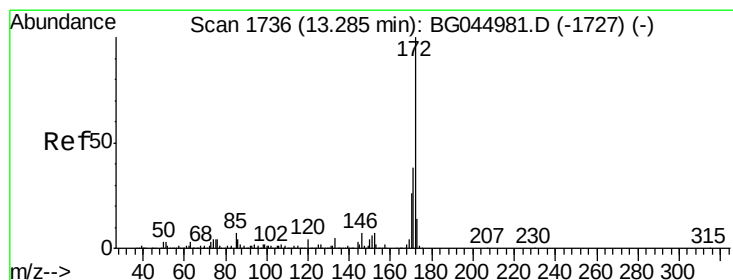
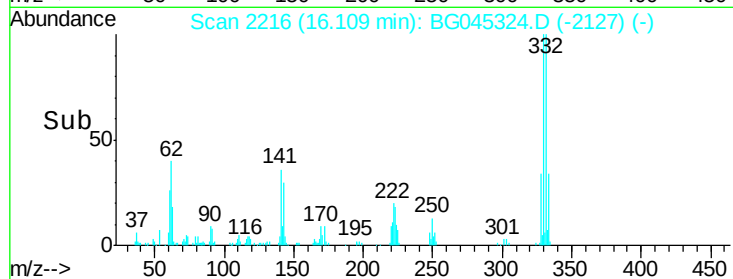
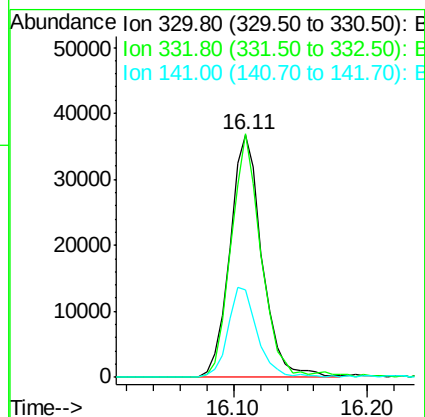
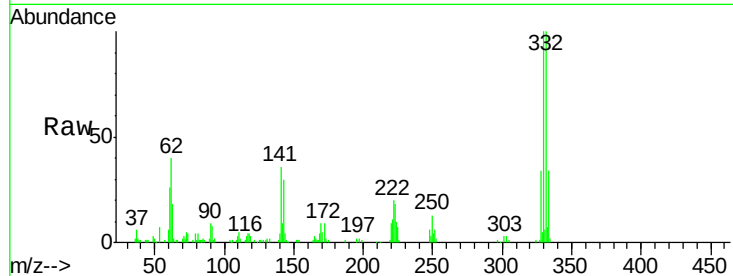




#42
 2,4,6-Tribromophenol
 Concen: 14.71 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG045324.D
 Acq: 12 May 2020 10:39

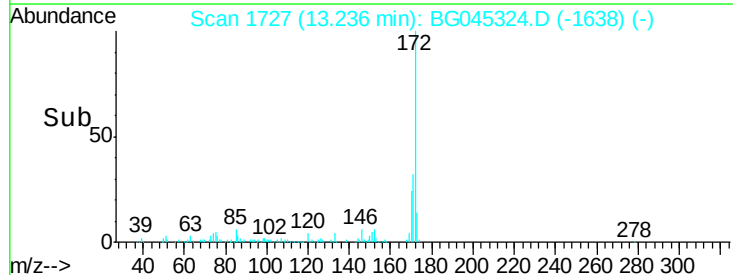
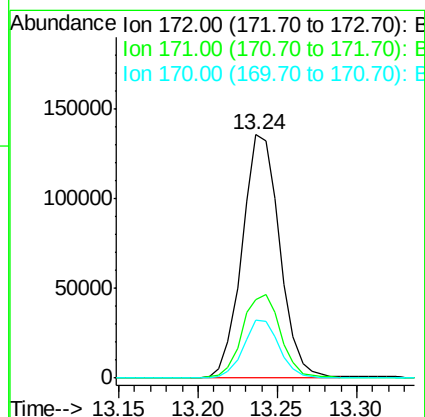
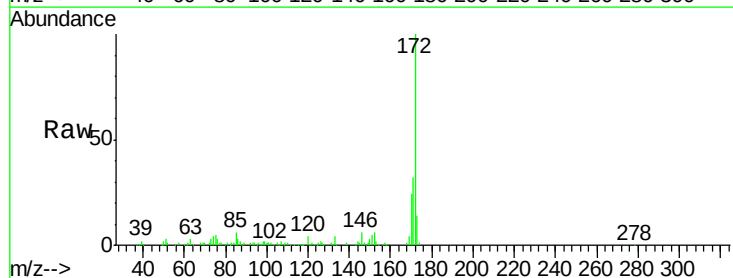
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-217

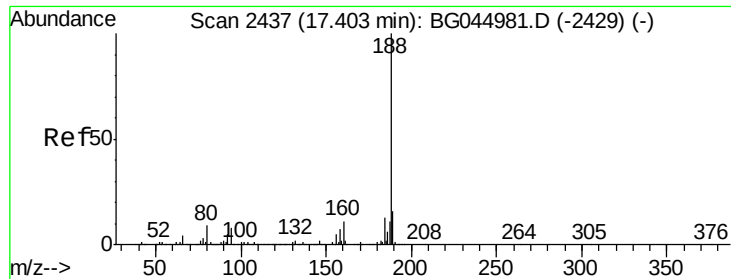
Tgt Ion:	330	Resp:	61612
Ion	Ratio	Lower	Upper
330	100		
332	92.8	79.1	118.7
141	34.2	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 12.09 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG045324.D
 Acq: 12 May 2020 10:39

Tgt Ion:	172	Resp:	223625
Ion	Ratio	Lower	Upper
172	100		
171	32.2	30.6	46.0
170	23.8	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045324.D

Acq: 12 May 2020 10:39

Instrument :

BNA_G

ClientSampleId :

VNJ-217

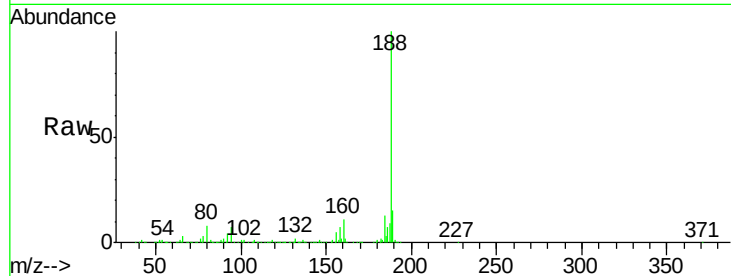
Tgt Ion:188 Resp: 565334

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

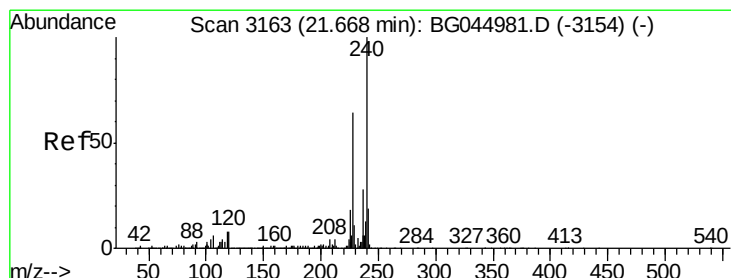
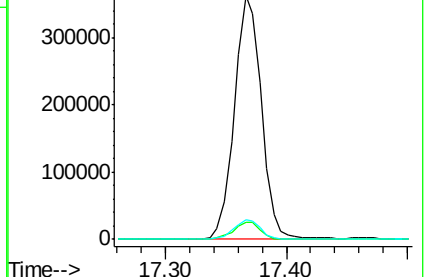
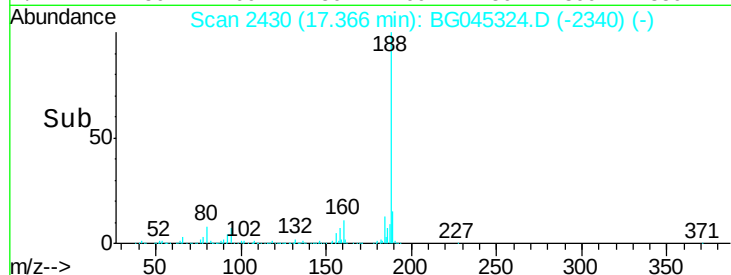
80 8.3 7.0 10.6



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: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG045324.D

Acq: 12 May 2020 10:39

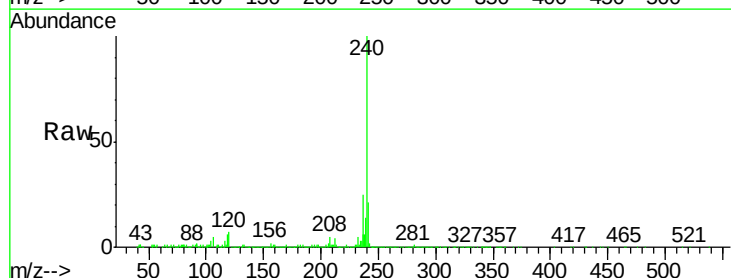
Tgt Ion:240 Resp: 470096

Ion Ratio Lower Upper

240 100

120 6.8 6.6 10.0

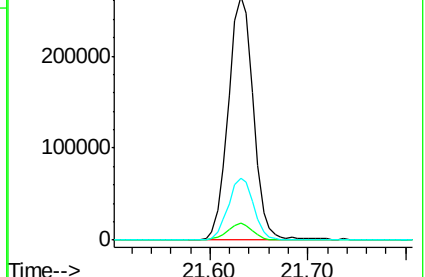
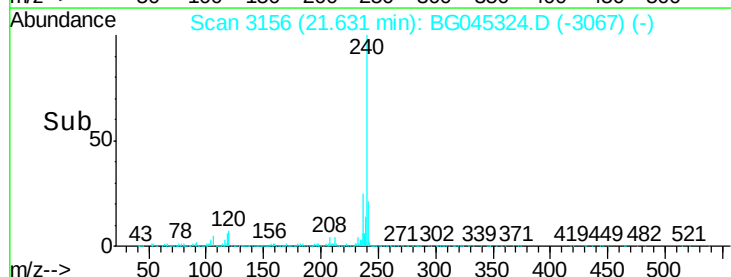
236 25.5 22.2 33.2

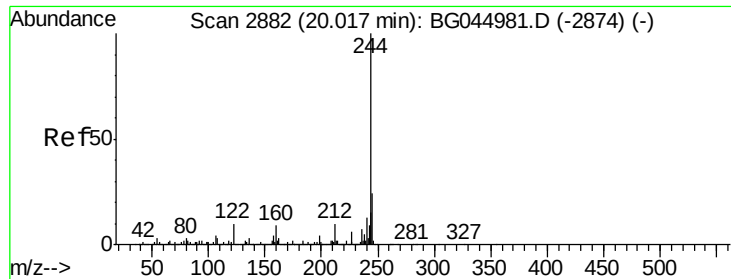


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 14.21 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG045324.D

Acq: 12 May 2020 10:39

Instrument :

BNA_G

ClientSampleId :

VNJ-217

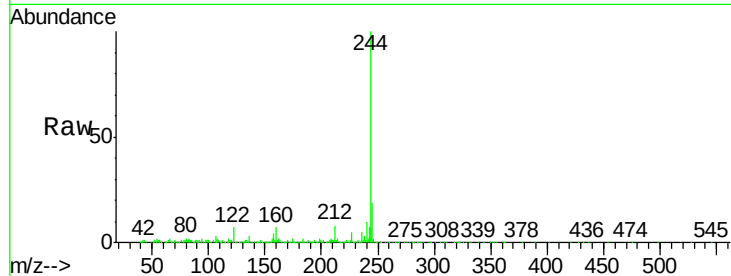
Tgt Ion:244 Resp: 306418

Ion Ratio Lower Upper

244 100

212 8.1 7.9 11.9

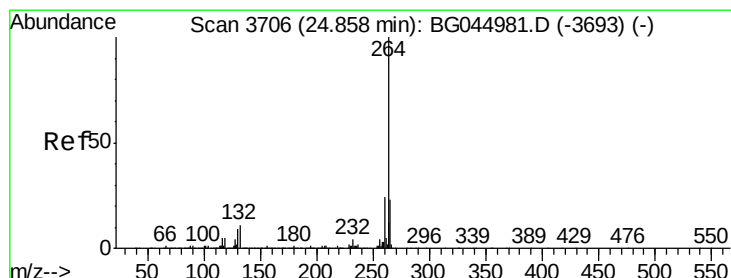
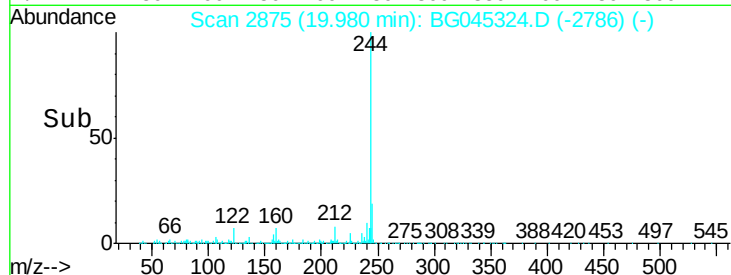
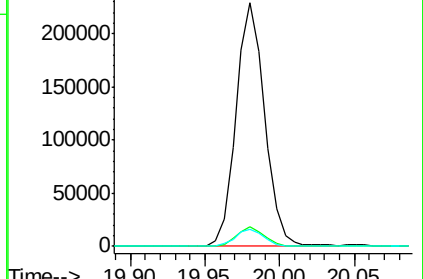
122 6.8 7.7 11.5#



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: 20.00 ng

RT: 24.80 min Scan# 3696

Delta R.T. -0.00 min

Lab File: BG045324.D

Acq: 12 May 2020 10:39

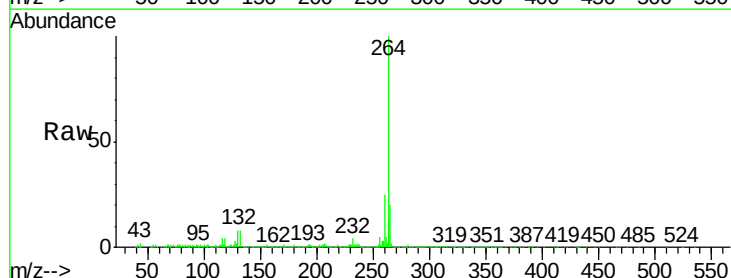
Tgt Ion:264 Resp: 513265

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 20.2 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

