

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
 Data File : BG045131.D
 Acq On : 22 Apr 2020 18:08
 Operator : CG/JU
 Sample : L2353-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-240

Quant Time: Apr 23 02:31:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 12:56:37 2020
 Response via : Initial Calibration

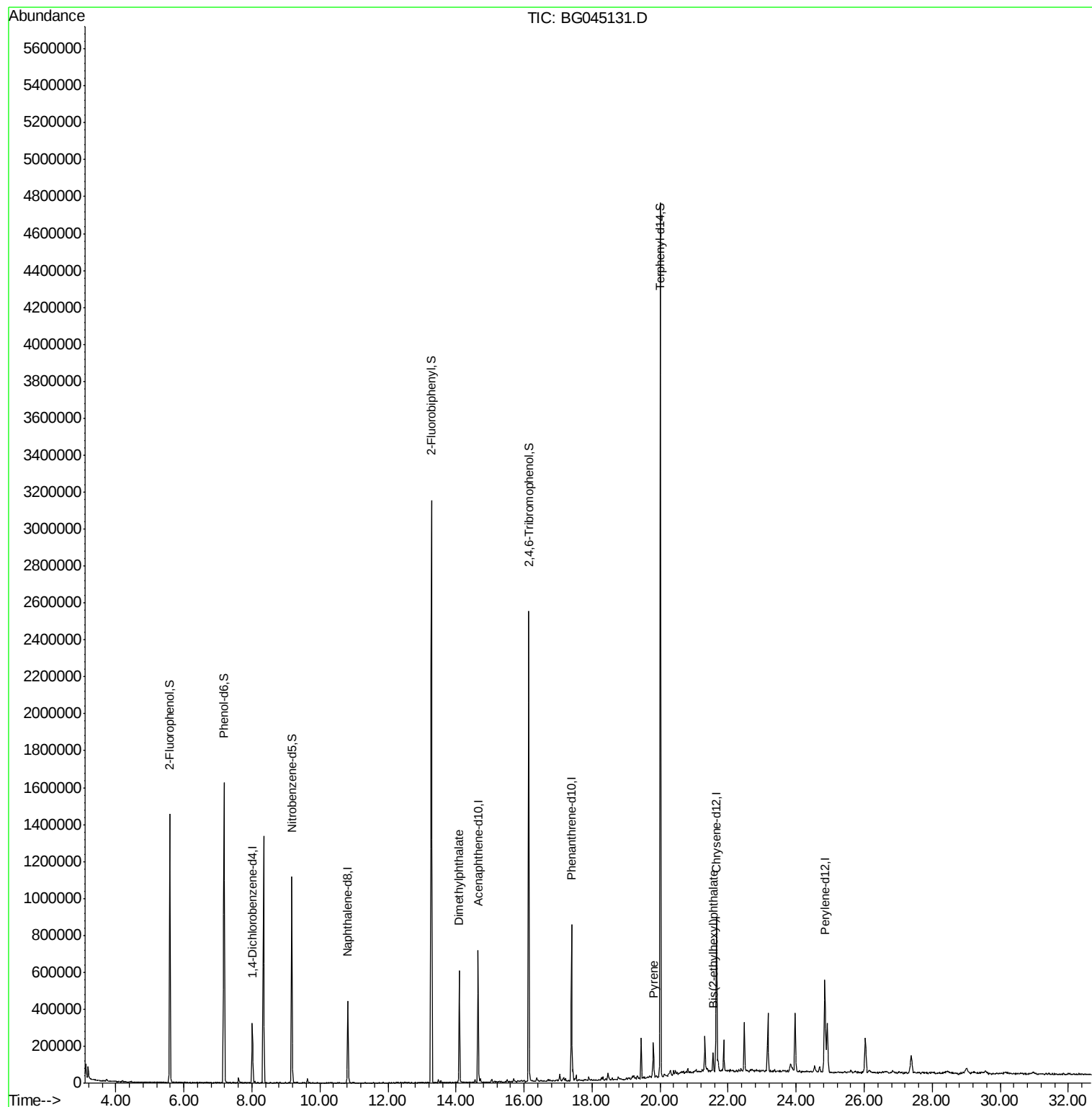
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	95270	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	393508	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	272612	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	534281	20.00	ng	0.00
76) Chrysene-d12	21.66	240	495181	20.00	ng	0.00
87) Perylene-d12	24.84	264	551339	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	673532	116.72	ng	0.00
7) Phenol-d6	7.18	99	1060911	123.74	ng	0.00
23) Nitrobenzene-d5	9.17	82	760329	88.16	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	506948	120.37	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1724152	92.74	ng	0.00
79) Terphenyl-d14	20.01	244	2180726	95.99	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	409334	18.441	ng	100
78) Pyrene	19.80	202	119519	3.501	ng	95
84) Bis(2-ethylhexyl)phthalate	21.55	149	45553	2.341	ng	# 97

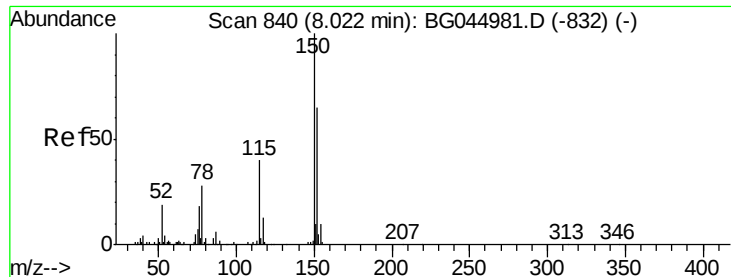
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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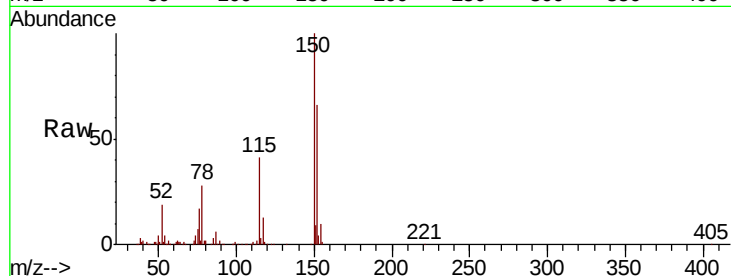


#1

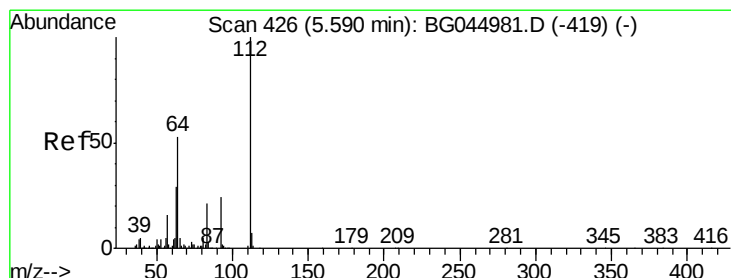
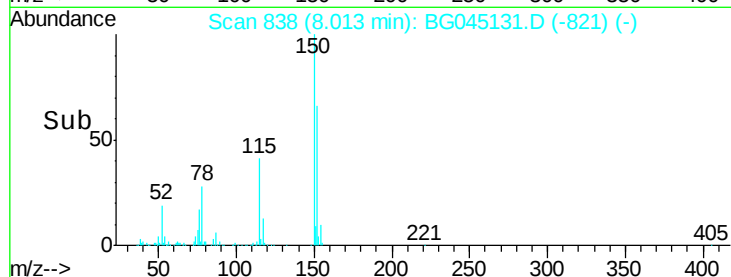
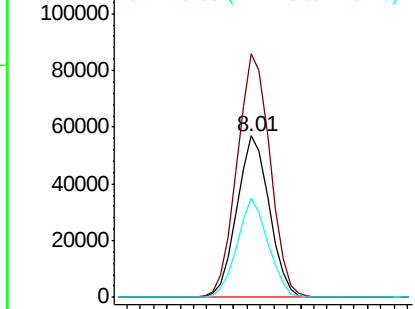
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG045131.D
Acq: 22 Apr 2020 18:08

Instrument :
BNA_G
ClientSampleId :
VNJ-240

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	123.6	185.4
115	61.3	49.1	73.7



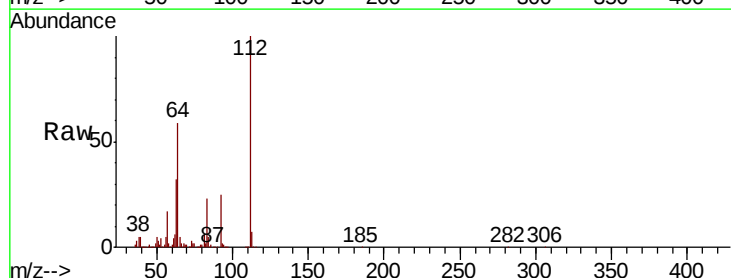
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



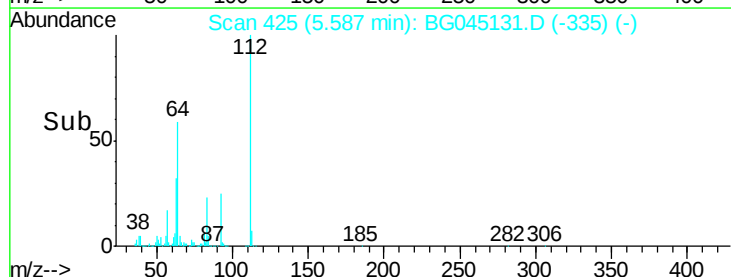
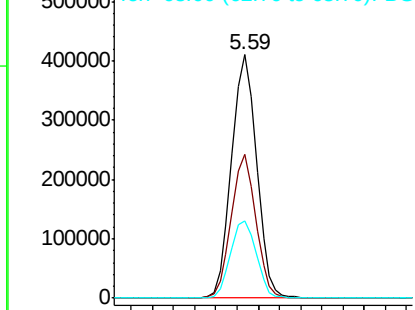
#5

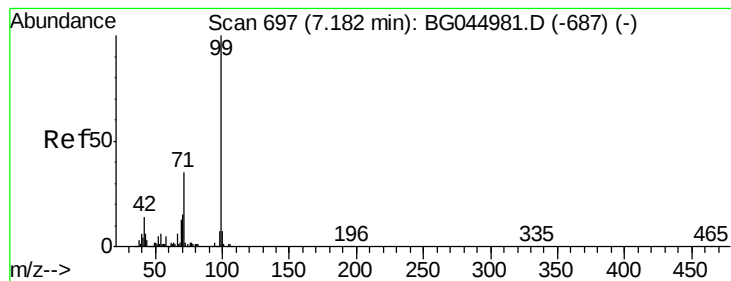
2-Fluorophenol
Concen: 116.717 ng
RT: 5.59 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG045131.D
Acq: 22 Apr 2020 18:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	42.4	63.6
63	32.0	23.1	34.7



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: 123.740 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

Instrument :

BNA_G

ClientSampleId :

VNJ-240

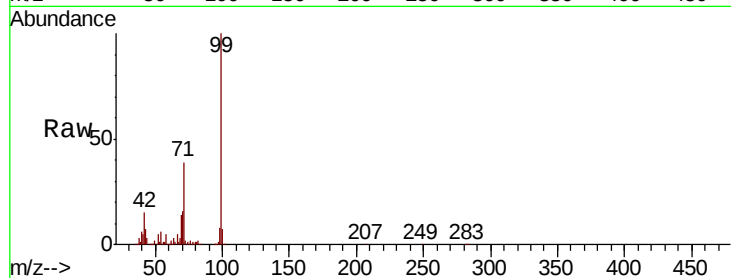
Tot Ion: 99 Resp: 1060911

Ion Ratio Lower Upper

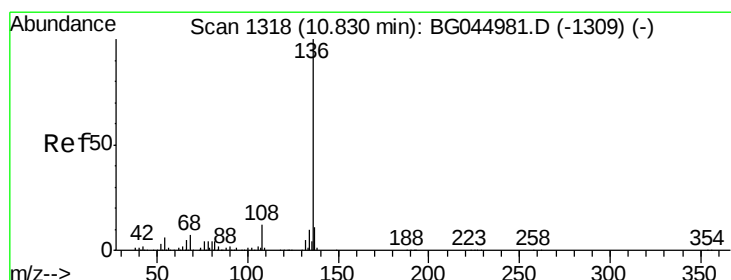
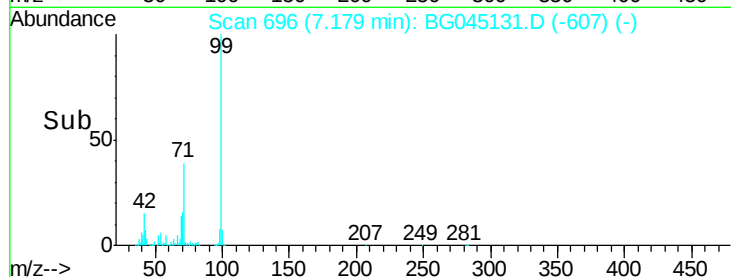
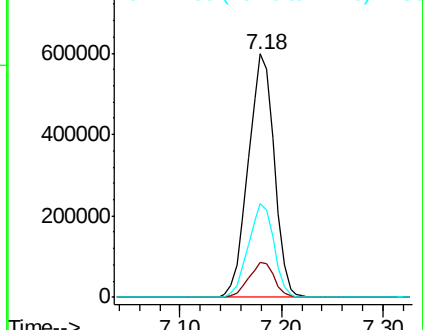
99 100

42 14.6 11.3 16.9

71 38.8 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: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

Tgt Ion: 136 Resp: 393508

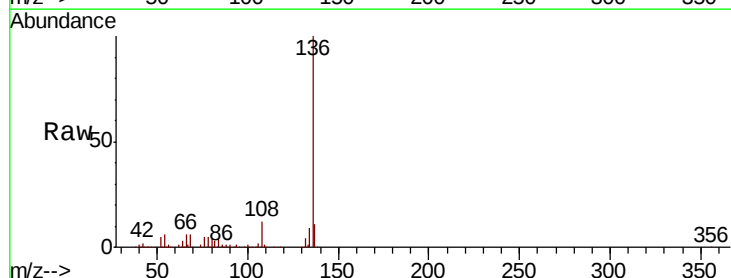
Ion Ratio Lower Upper

136 100

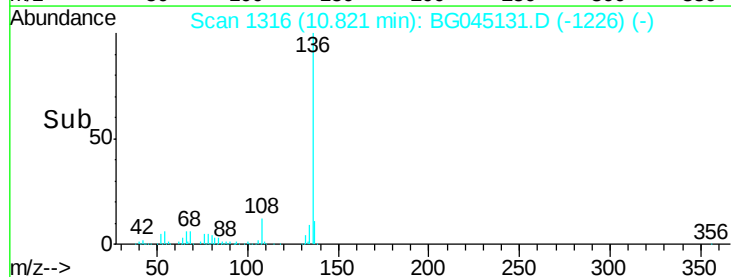
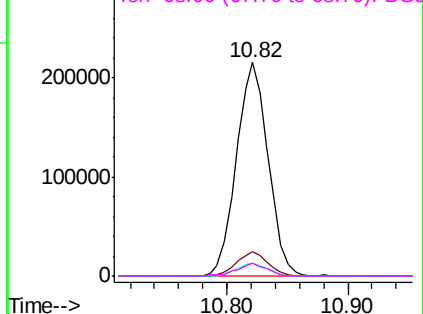
137 11.2 8.6 13.0

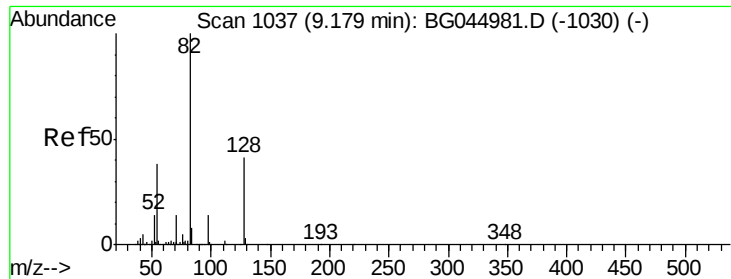
54 6.1 4.8 7.2

68 5.9 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

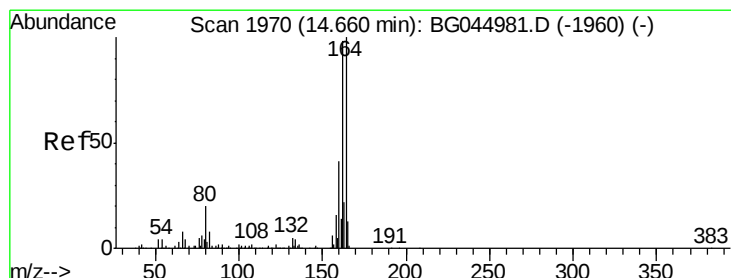
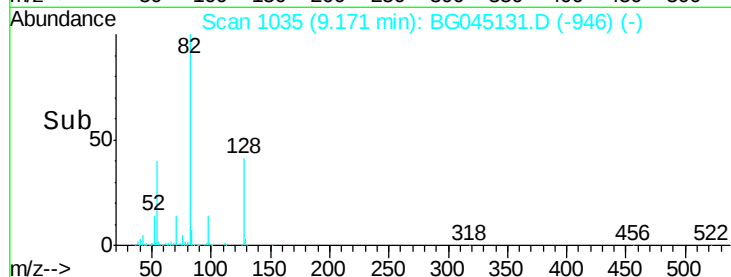
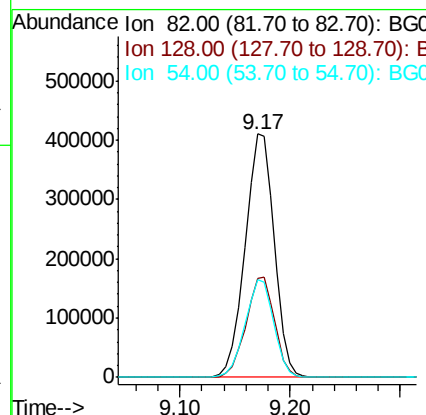
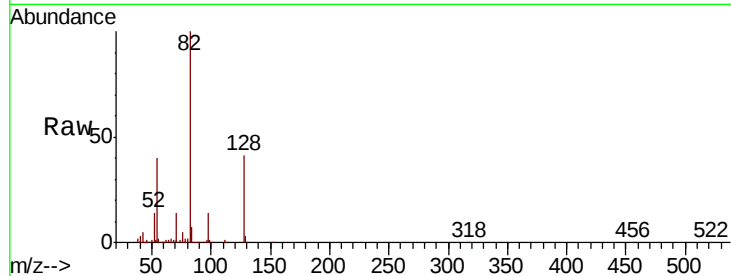




#23
 Nitrobenzene-d5
 Concen: 88.163 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG045131.D
 Acq: 22 Apr 2020 18:08

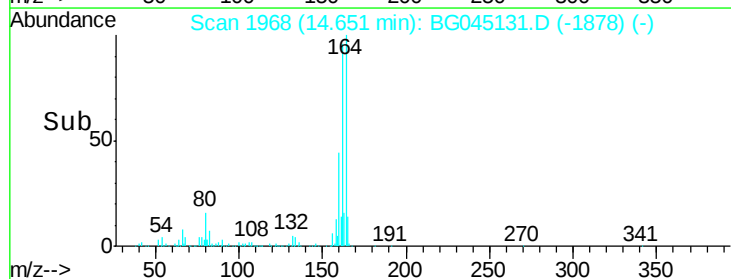
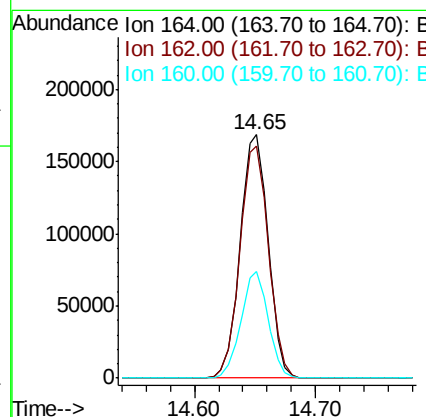
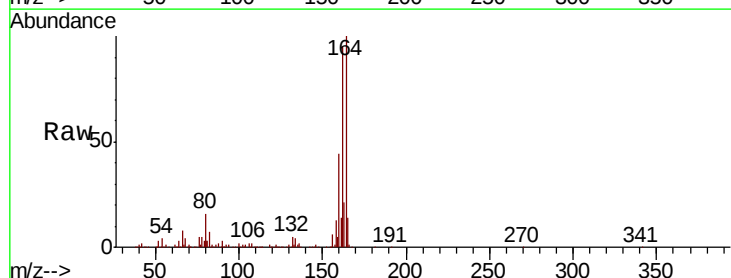
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-240

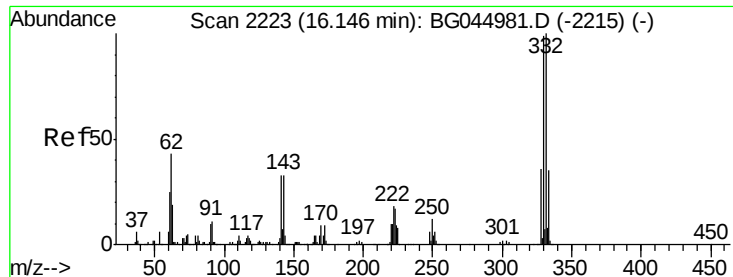
Tot Ion	82	Resp	760329
Ion Ratio	Lower	Upper	
82	100		
128	40.6	33.0	49.4
54	40.3	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BG045131.D
 Acq: 22 Apr 2020 18:08

Tgt Ion	164	Resp	272612
Ion Ratio	Lower	Upper	
164	100		
162	95.3	78.7	118.1
160	43.6	32.8	49.2

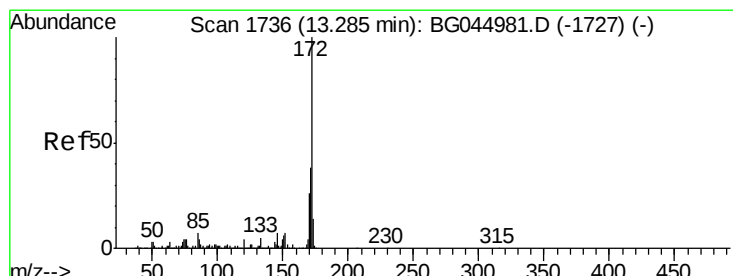
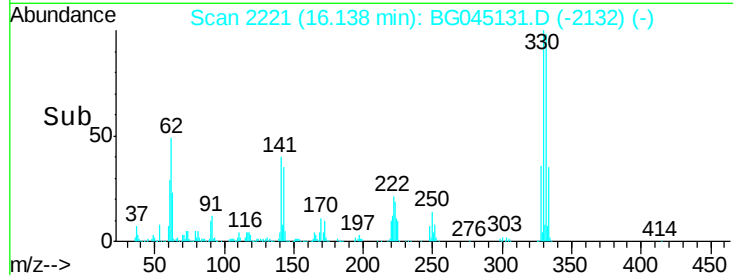
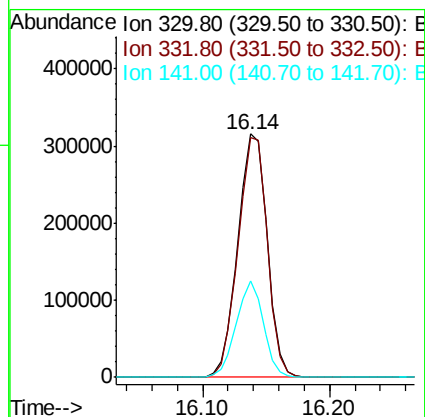
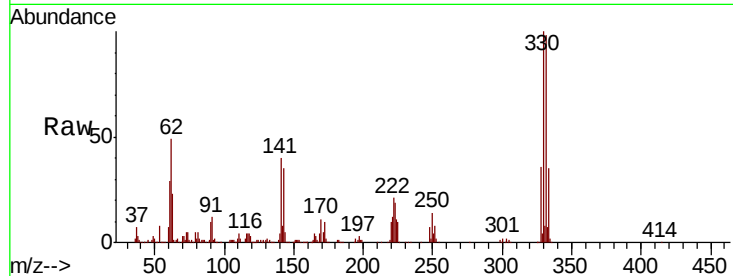




#42
 2,4,6-Tribromophenol
 Concen: 120.372 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG045131.D
 Acq: 22 Apr 2020 18:08

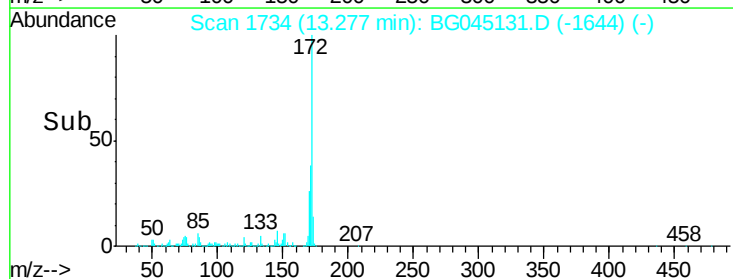
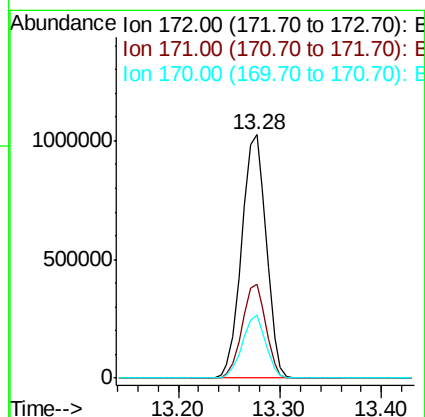
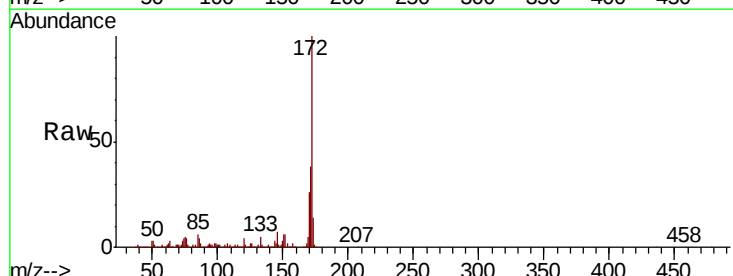
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-240

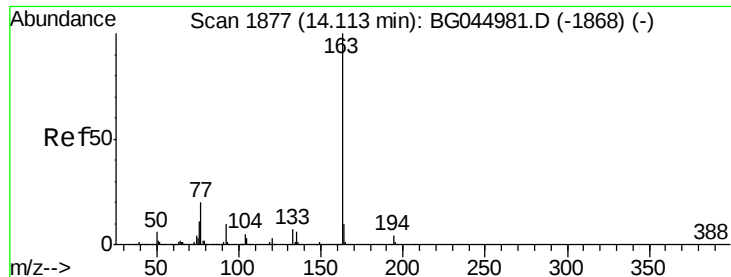
Tot Ion:330 Resp: 506948
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.1 118.7
 141 36.6 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 92.738 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. 0.00 min
 Lab File: BG045131.D
 Acq: 22 Apr 2020 18:08

Tgt Ion:172 Resp: 1724152
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.6 46.0
 170 25.7 20.5 30.7

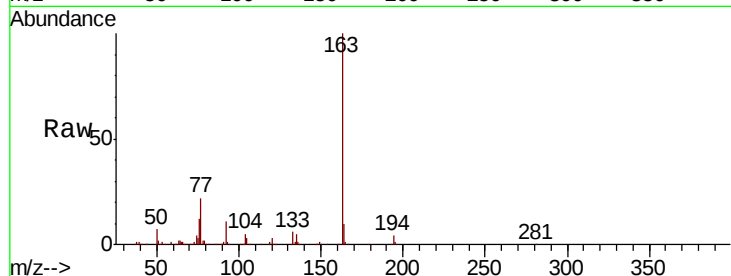




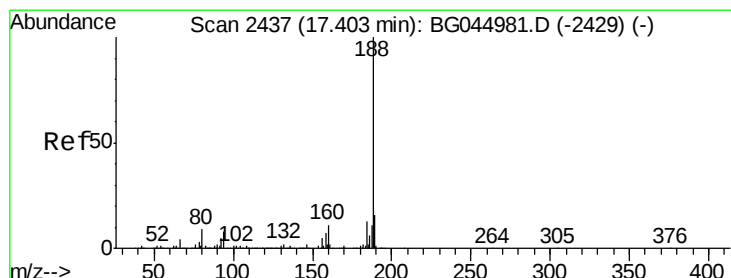
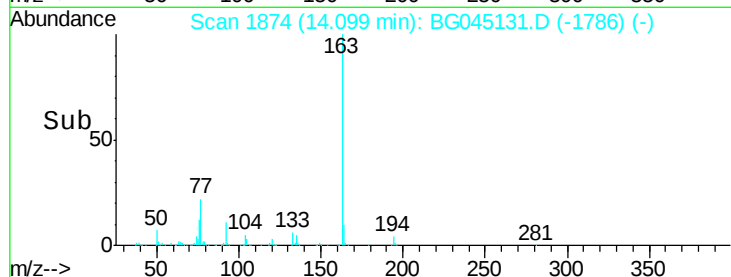
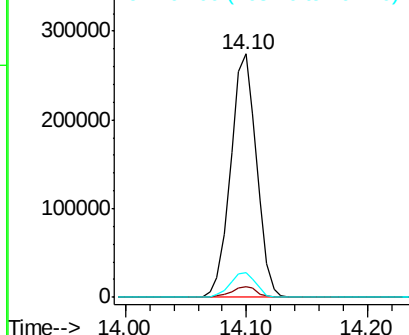
#50
Dimethylphthalate
Concen: 18.441 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG045131.D
Acq: 22 Apr 2020 18:08

Instrument :
BNA_G
ClientSampleId :
VNJ-240

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.3	8.2	12.4

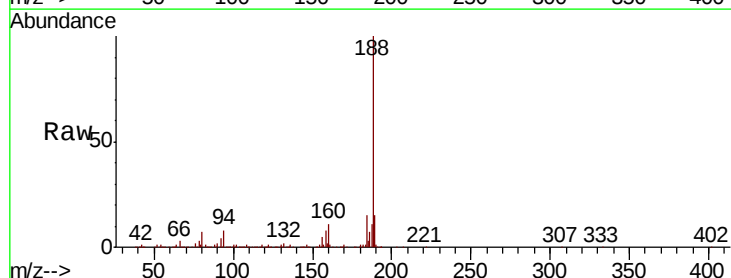


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

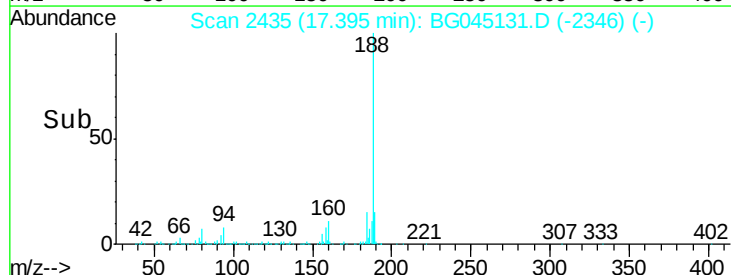
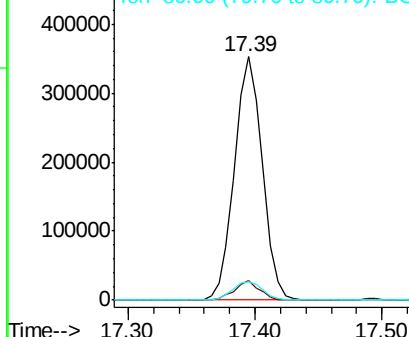


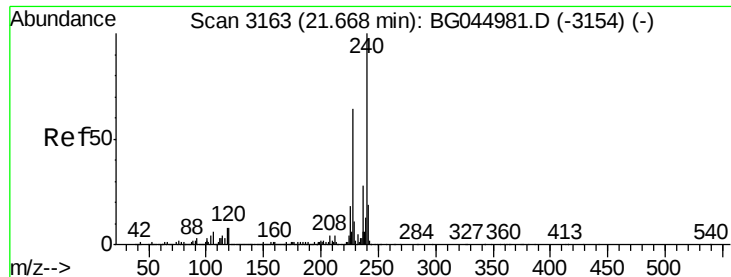
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG045131.D
Acq: 22 Apr 2020 18:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.4
80	7.4	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: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

Instrument :

BNA_G

ClientSampleId :

VNJ-240

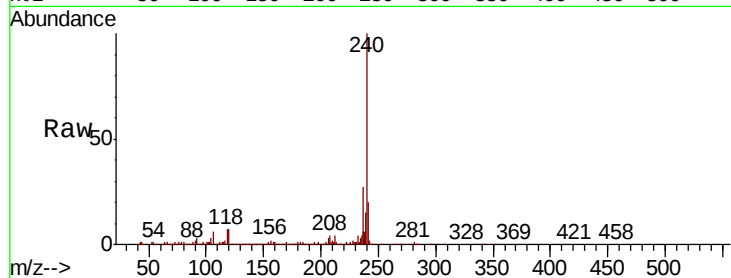
Tot Ion:240 Resp: 495181

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

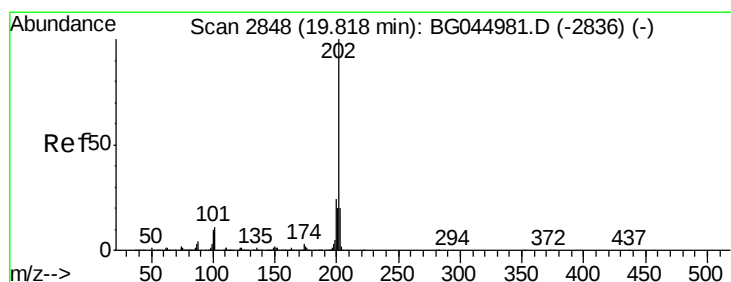
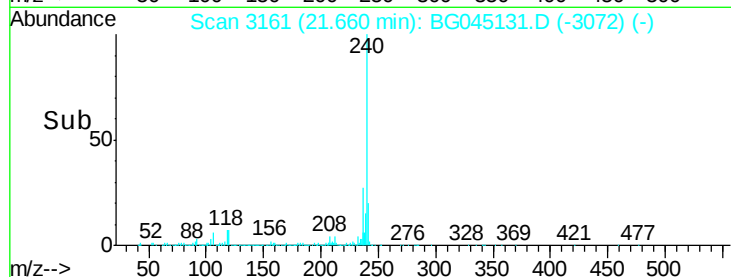
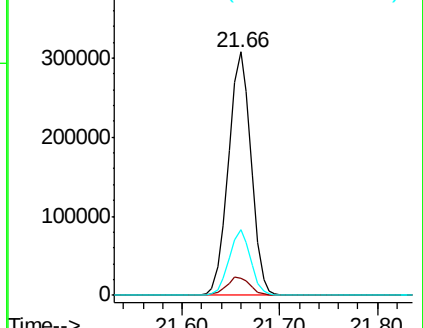
236 27.1 22.2 33.2



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



#78

Pyrene

Concen: 3.501 ng

RT: 19.80 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

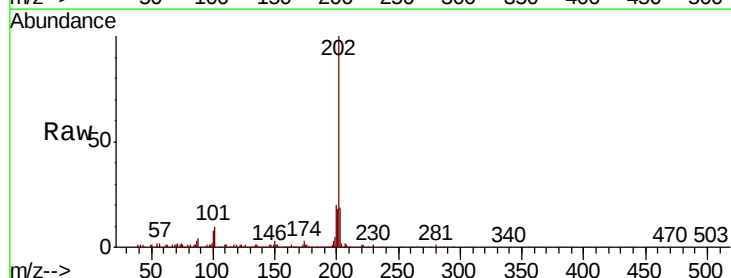
Tgt Ion:202 Resp: 119519

Ion Ratio Lower Upper

202 100

200 19.8 19.0 28.6

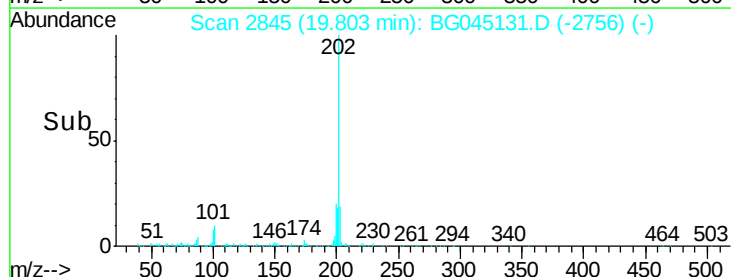
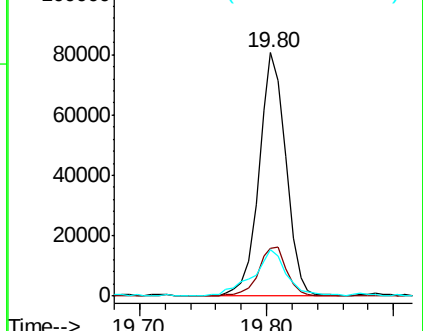
203 19.3 16.1 24.1

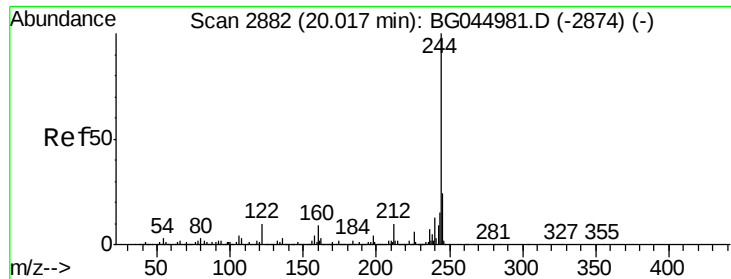


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.986 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

Instrument :

BNA_G

ClientSampleId :

VNJ-240

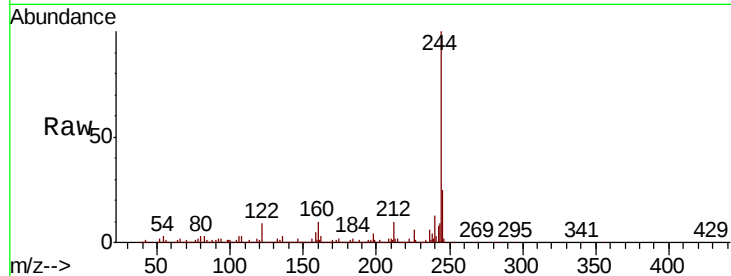
Tot Ion:244 Resp: 2180726

Ion Ratio Lower Upper

244 100

212 10.5 7.9 11.9

122 9.1 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

2000000

1500000

1000000

500000

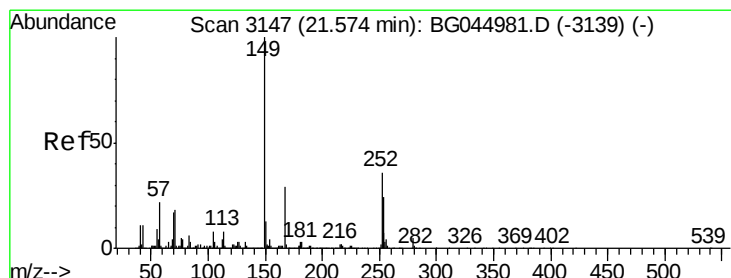
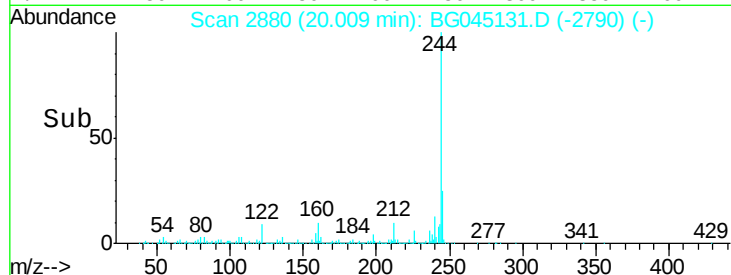
0

19.90

20.01

20.10

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.341 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG045131.D

Acq: 22 Apr 2020 18:08

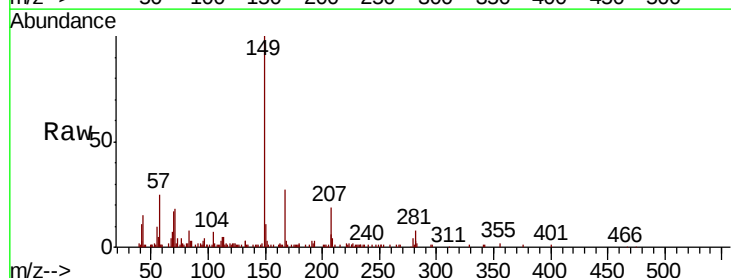
Tgt Ion:149 Resp: 45553

Ion Ratio Lower Upper

149 100

167 27.4 23.4 35.0

279 4.3 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

40000

30000

20000

10000

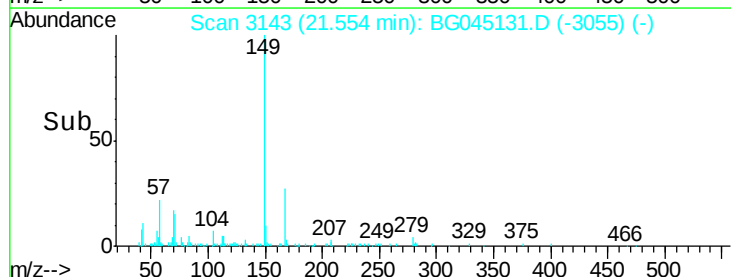
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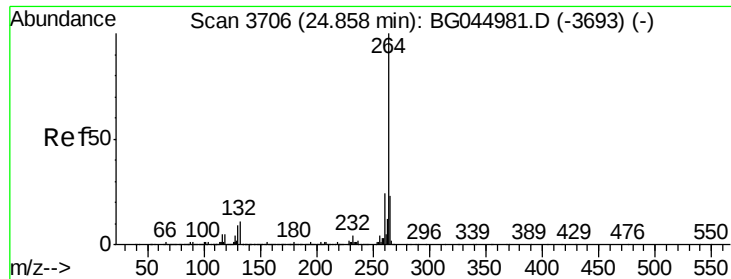
21.45

21.55

21.60

Time-->

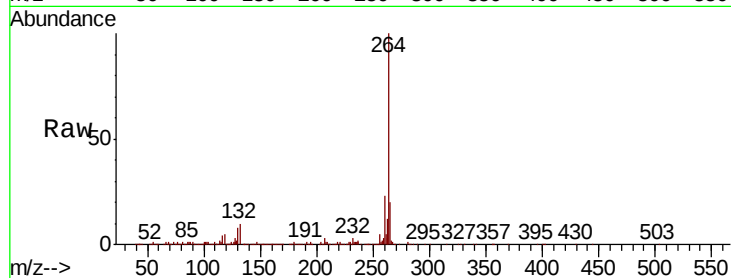




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3703
 Delta R.T. -0.01 min
 Lab File: BG045131.D
 Acq: 22 Apr 2020 18:08

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-240

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.4	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

