

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
 Data File : BF121619.D
 Acq On : 18 Sep 2020 18:20
 Operator : JU/CG
 Sample : L4053-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-231

Quant Time: Sep 21 08:48:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

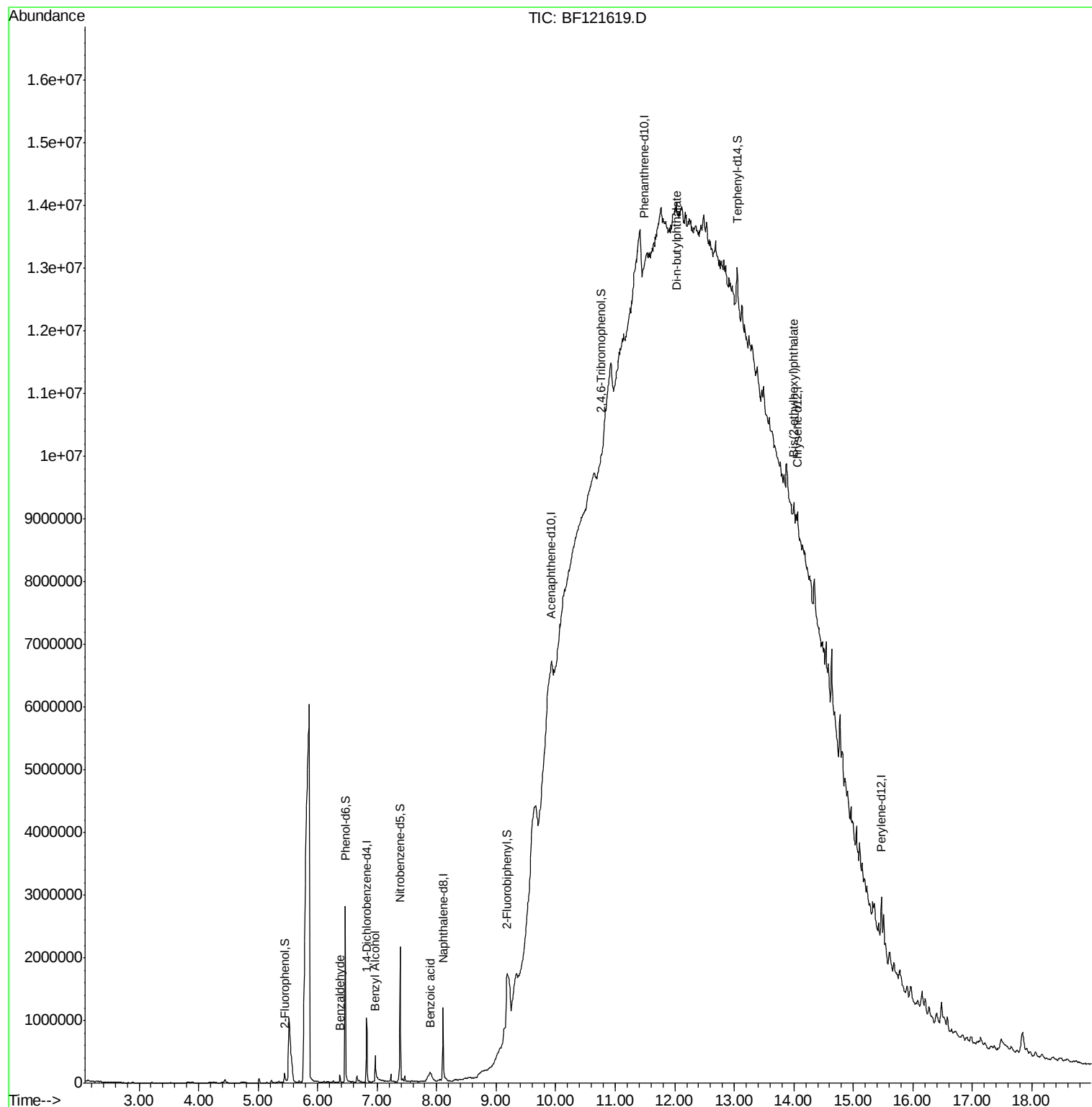
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	142015	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	538499	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	193024	20.00	ng	0.05
64) Phenanthrene-d10	11.49	188	103901	20.00	ng	0.14
76) Chrysene-d12	14.06	240	216843	20.00	ng	0.06
86) Perylene-d12	15.47	264	326148	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	70133	7.34	ng	0.00
7) Phenol-d6	6.46	99	1020816	81.42	ng	0.00
23) Nitrobenzene-d5	7.39	82	674987	67.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.75	330	172353	71.84	ng	0.09
45) 2-Fluorobiphenyl	9.18	172	1244805	97.67	ng	-0.01
79) Terphenyl-d14	13.05	244	355659	33.23	ng	0.11
Target Compounds						
9) Benzaldehyde	6.37	77	20942	2.555	ng	98
15) Benzyl Alcohol	6.97	79	138480	16.251	ng	98
32) Benzoic acid	7.88	122	125834	22.946	ng	98
74) Di-n-butylphthalate	12.03	149	1063395	174.773	ng	# 88
84) Bis(2-ethylhexyl)phthalate	14.01	149	134997	15.771	ng	# 79

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

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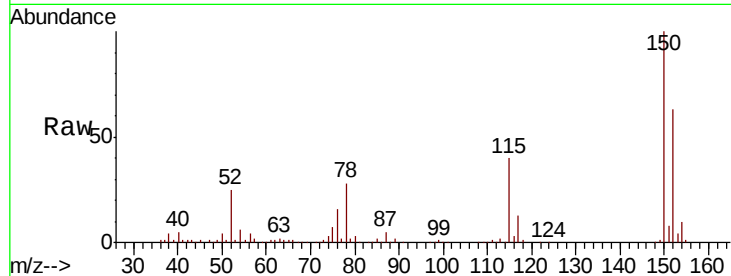


#1

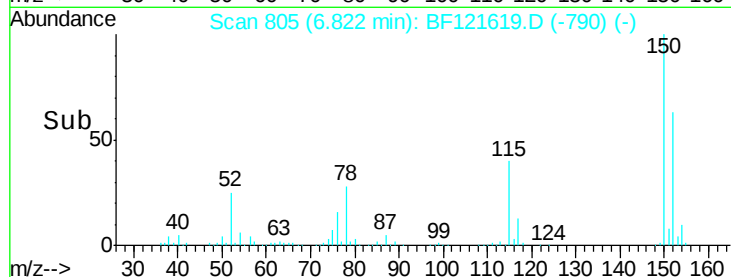
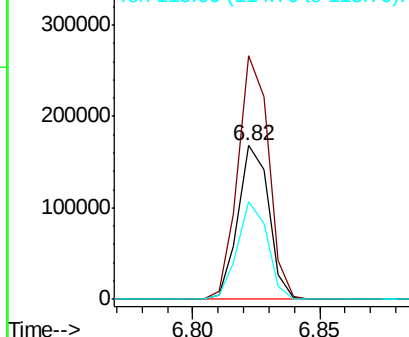
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121619.D
Acq: 18 Sep 2020 18:20

Instrument :
BNA_F
ClientSampleId :
VNJ-231

Tot Ion:152 Resp: 142015
Ion Ratio Lower Upper
152 100
150 158.3 125.8 188.6
115 63.8 47.8 71.8



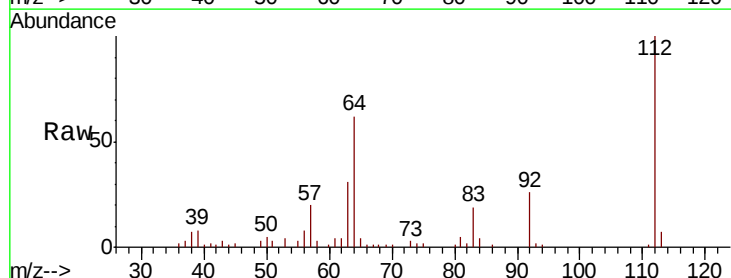
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



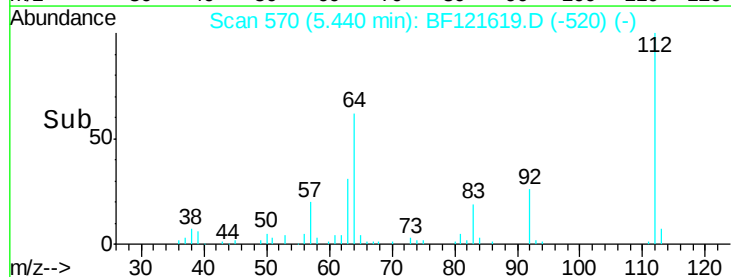
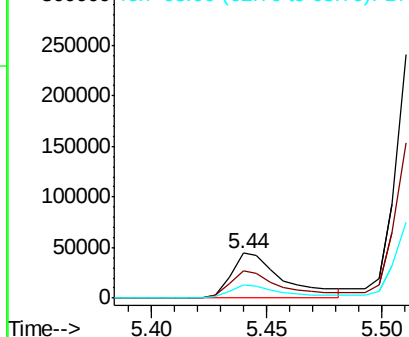
#5

2-Fluorophenol
Concen: 7.339 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF121619.D
Acq: 18 Sep 2020 18:20

Tgt Ion:112 Resp: 70133
Ion Ratio Lower Upper
112 100
64 61.9 50.3 75.5
63 30.9 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 81.424 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121619.D

Acq: 18 Sep 2020 18:20

Instrument :

BNA_F

ClientSampleId :

VNJ-231

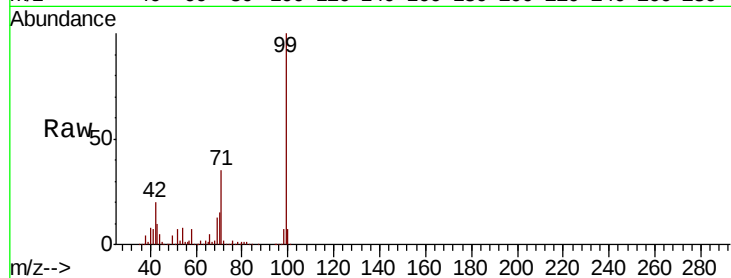
Tot Ion: 99 Resp: 1020816

Ion Ratio Lower Upper

99 100

42 20.4 15.5 23.3

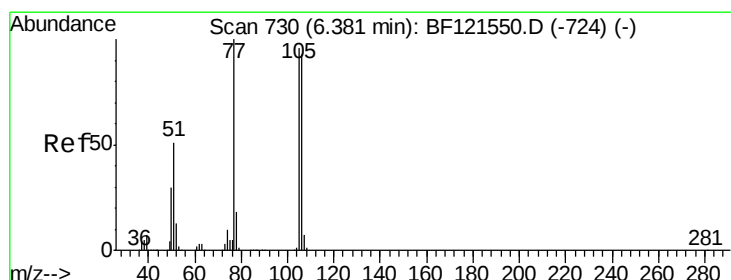
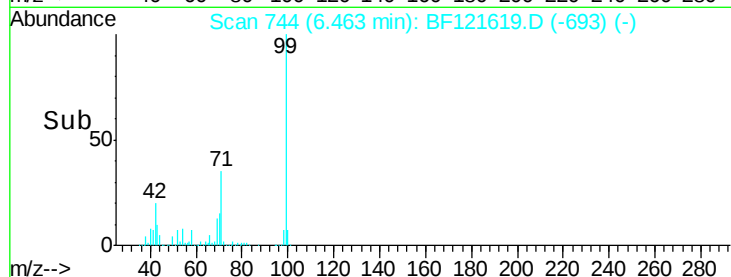
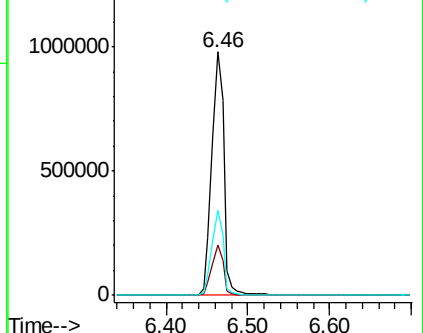
71 34.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.555 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF121619.D

Acq: 18 Sep 2020 18:20

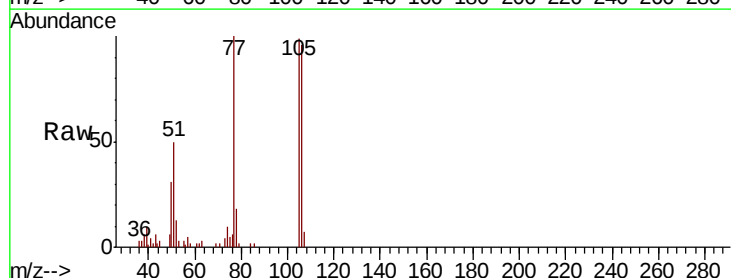
Tgt Ion: 77 Resp: 20942

Ion Ratio Lower Upper

77 100

105 98.5 76.4 116.4

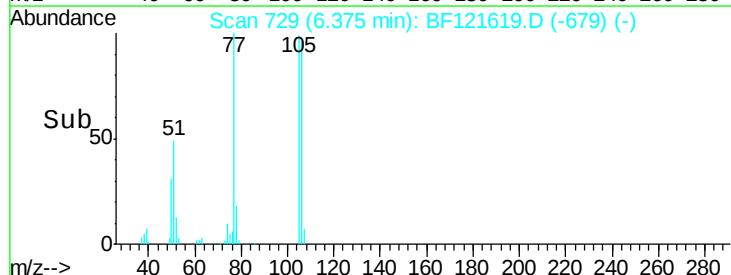
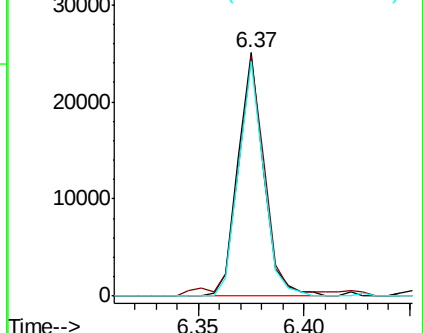
106 96.1 73.5 113.5

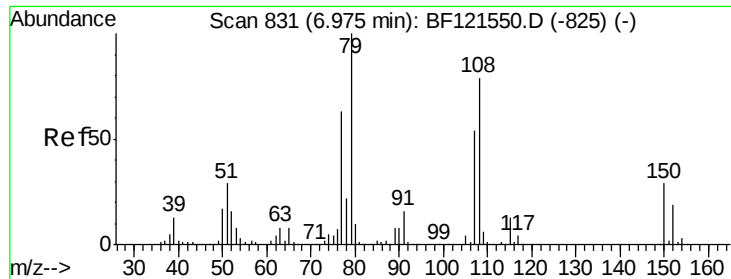


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

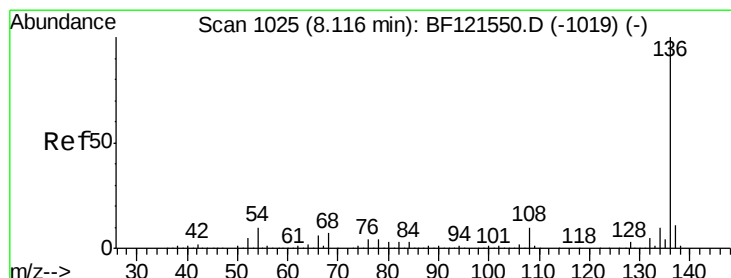
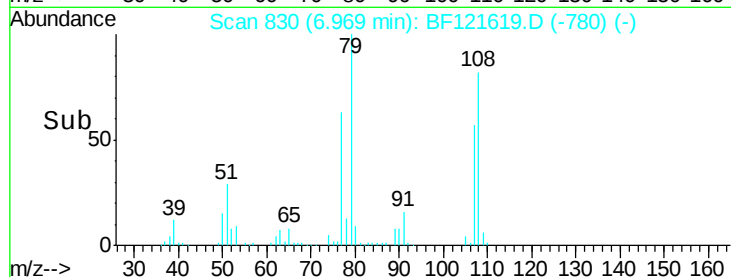
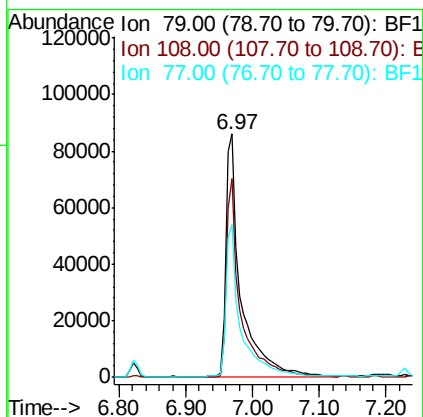
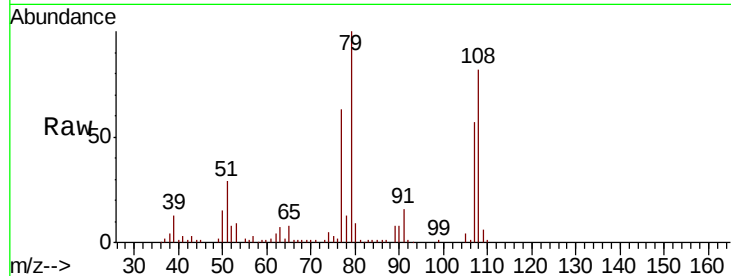




#15
Benzyl Alcohol
Concen: 16.251 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF121619.D
Acq: 18 Sep 2020 18:20

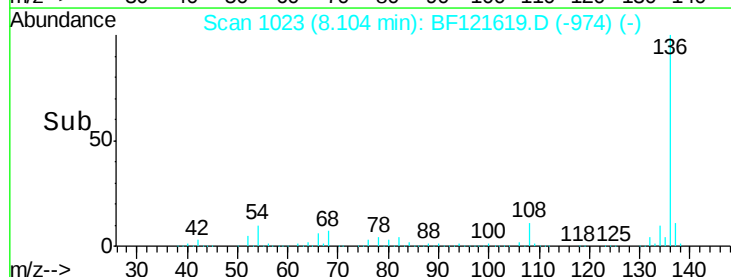
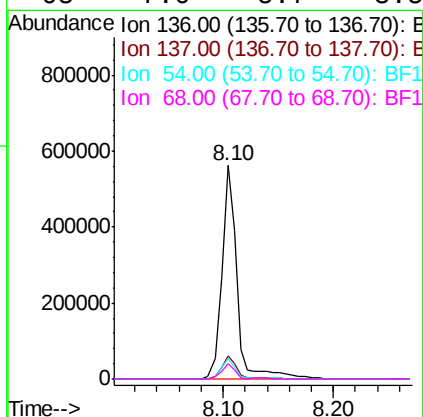
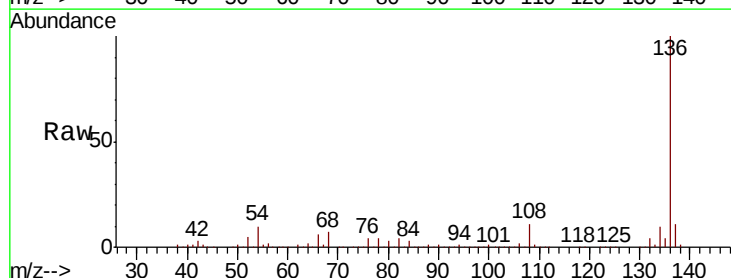
Instrument :
BNA_F
ClientSampleId :
VNJ-231

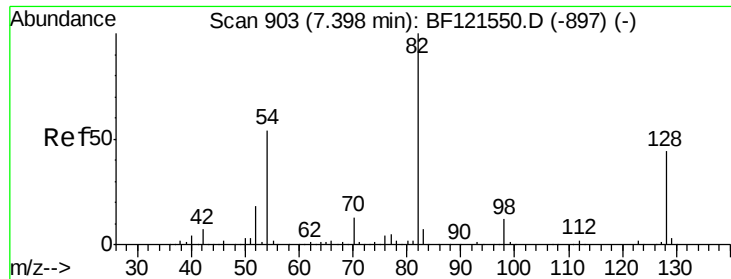
Tot Ion: 79 Resp: 138480
Ion Ratio Lower Upper
79 100
108 81.6 63.1 94.7
77 62.8 50.2 75.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121619.D
Acq: 18 Sep 2020 18:20

Tgt Ion: 136 Resp: 538499
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.7 7.6 11.4
68 7.0 5.7 8.5

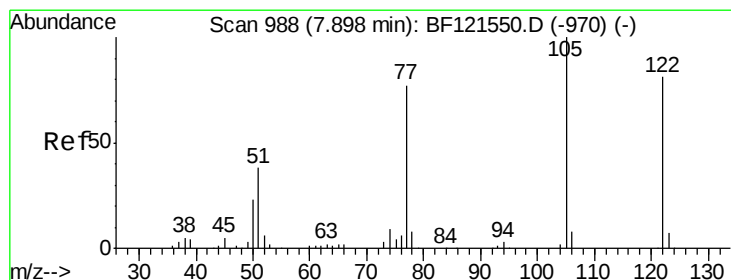
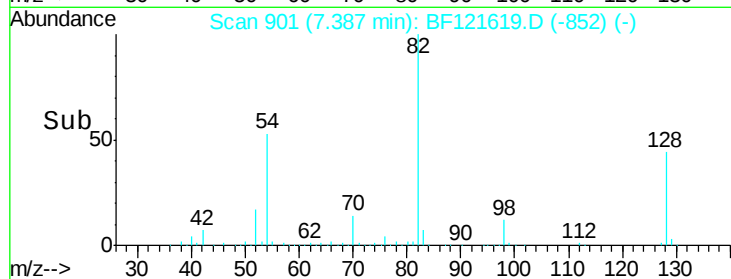
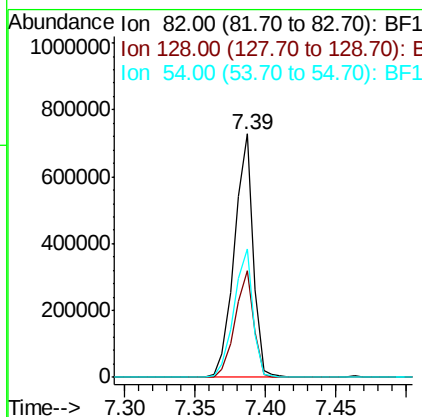
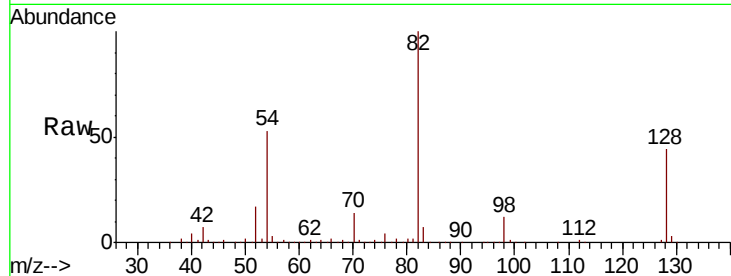




#23
 Nitrobenzene-d5
 Concen: 67.301 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF121619.D
 Acq: 18 Sep 2020 18:20

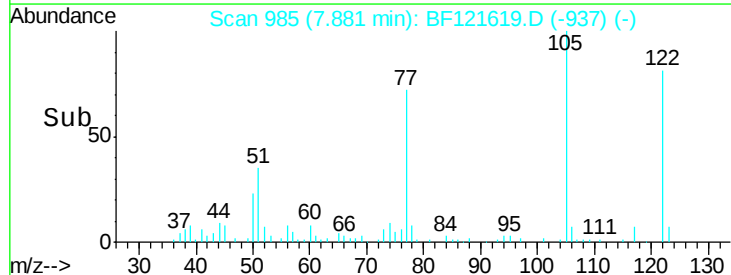
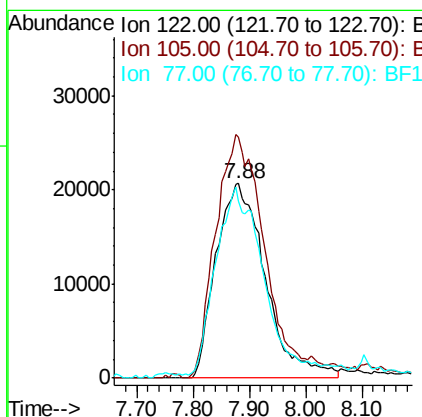
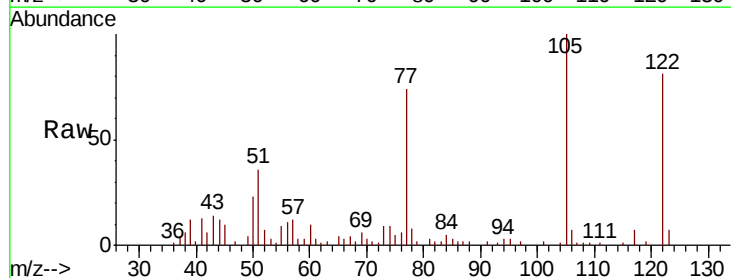
Instrument :
 BNA_F
 ClientSampled :
 VNJ-231

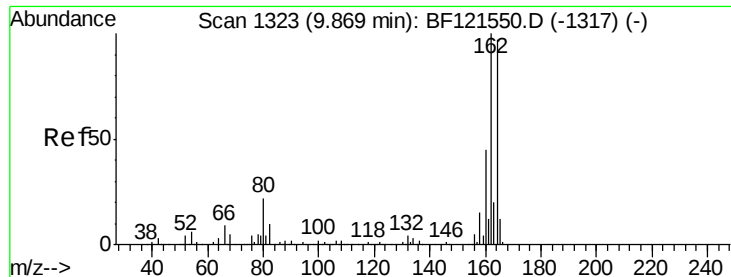
Tot Ion	82	Resp	674987
Ion Ratio	Lower	Upper	
82	100		
128	43.8	35.1	52.7
54	52.7	43.0	64.6



#32
 Benzoic acid
 Concen: 22.946 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF121619.D
 Acq: 18 Sep 2020 18:20

Tgt Ion	122	Resp	125834
Ion Ratio	Lower	Upper	
122	100		
105	124.0	100.5	140.5
77	91.4	72.6	112.6

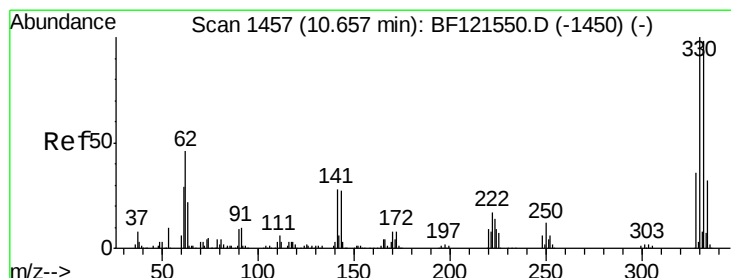
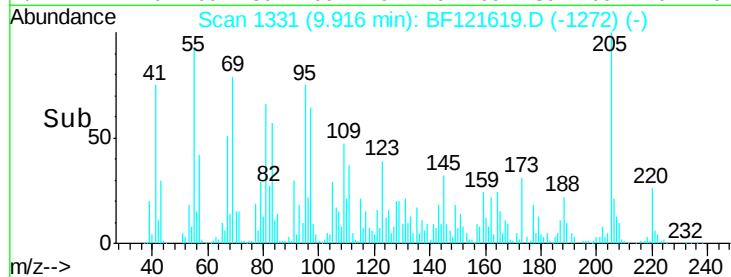
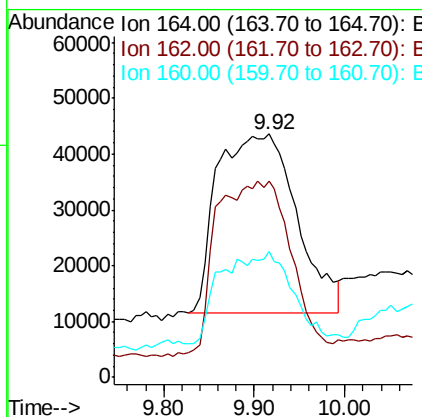
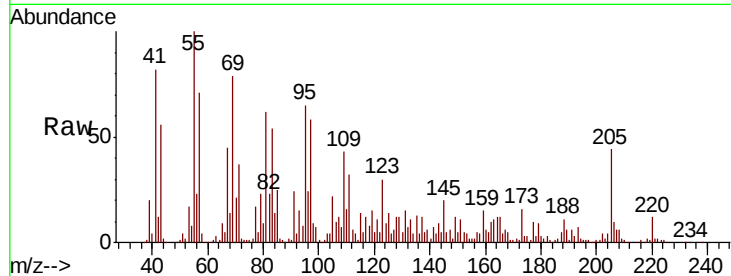




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.05 min
 Lab File: BF121619.D
 Acq: 18 Sep 2020 18:20

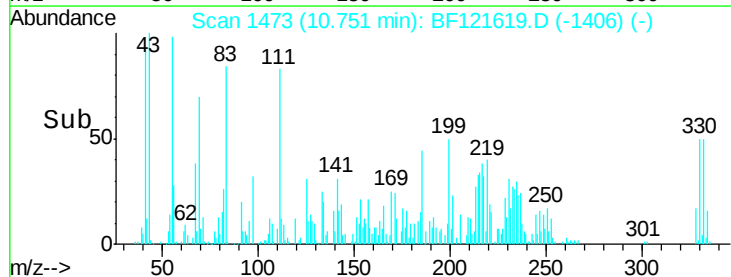
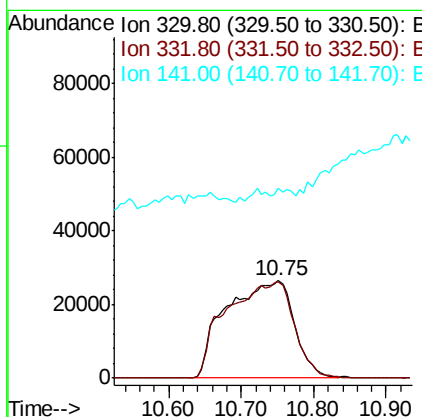
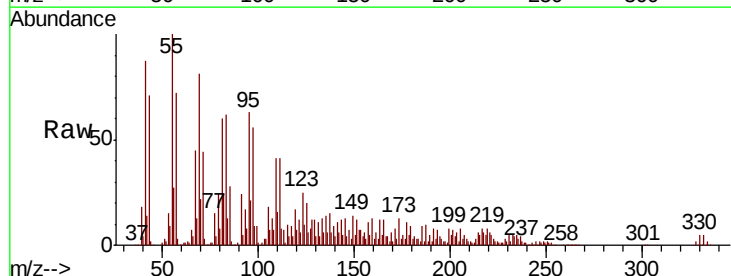
Instrument :
 BNA_F
 ClientSampled :
 VNJ-231

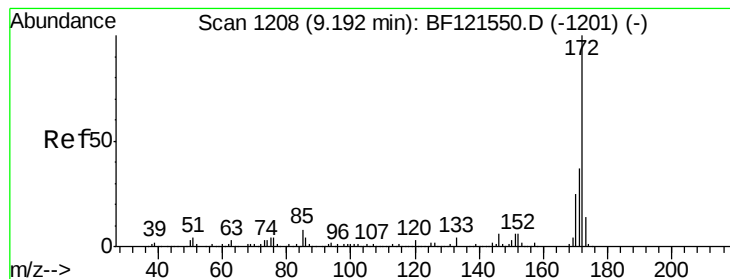
Tot Ion:164 Resp: 193024
 Ion Ratio Lower Upper
 164 100
 162 80.8 82.3 123.5#
 160 51.5 37.0 55.4



#42
 2,4,6-Tribromophenol
 Concen: 71.843 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. 0.09 min
 Lab File: BF121619.D
 Acq: 18 Sep 2020 18:20

Tgt Ion:330 Resp: 172353
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.1 115.7
 141 0.0 23.6 35.4#





#45

2-Fluorobiphenyl

Concen: 97.672 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF121619.D

Acq: 18 Sep 2020 18:20

Instrument :

BNA_F

ClientSampleId :

VNJ-231

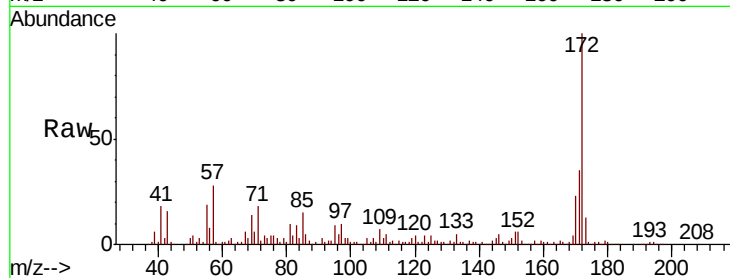
Tot Ion:172 Resp: 1244805

Ion Ratio Lower Upper

172 100

171 35.1 29.8 44.6

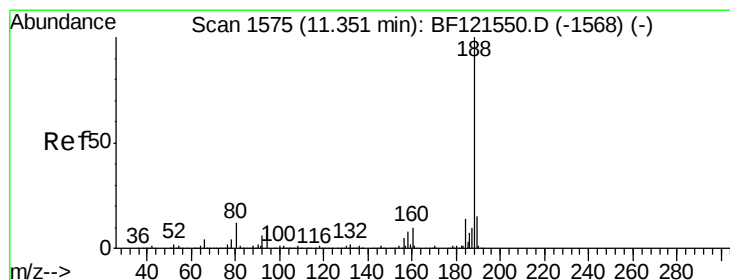
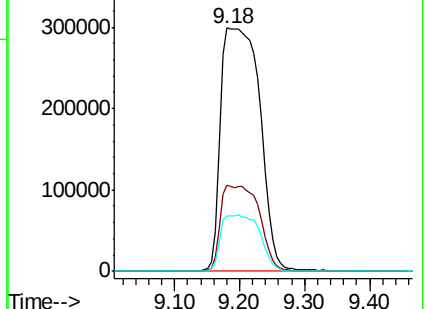
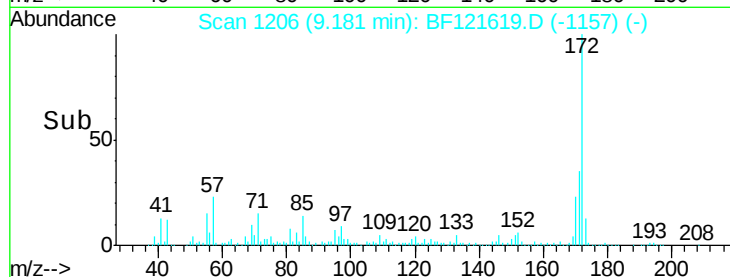
170 22.8 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.14 min

Lab File: BF121619.D

Acq: 18 Sep 2020 18:20

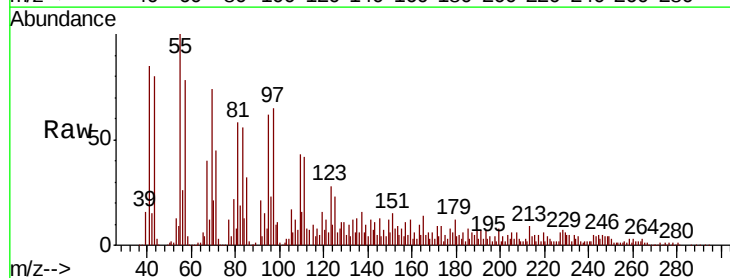
Tgt Ion:188 Resp: 103901

Ion Ratio Lower Upper

188 100

94 179.5 8.7 13.1#

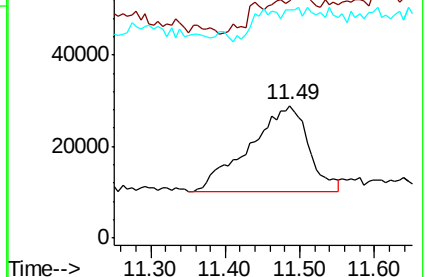
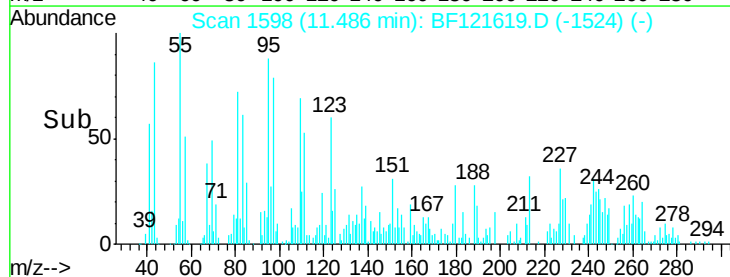
80 172.1 9.3 13.9#

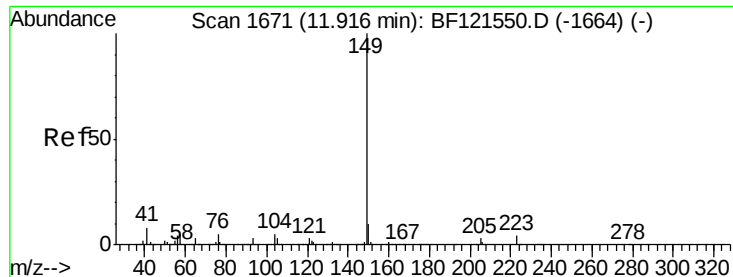


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#74

Di-n-butylphthalate

Concen: 174.773 ng

RT: 12.03 min Scan# 1690

Delta R.T. 0.11 min

Lab File: BF121619.D

Acq: 18 Sep 2020 18:20

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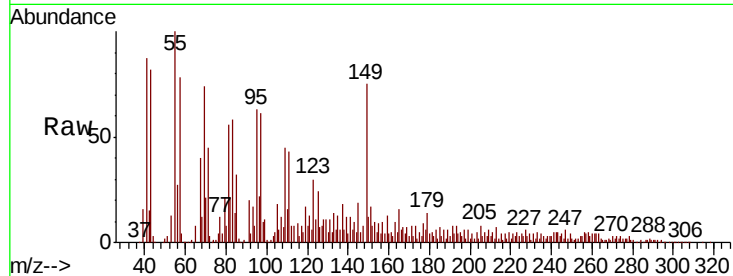
Tot Ion:149 Resp: 1063395

Ion Ratio Lower Upper

149 100

150 15.4 7.6 11.4#

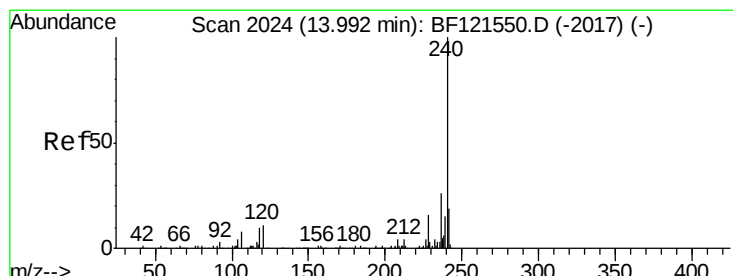
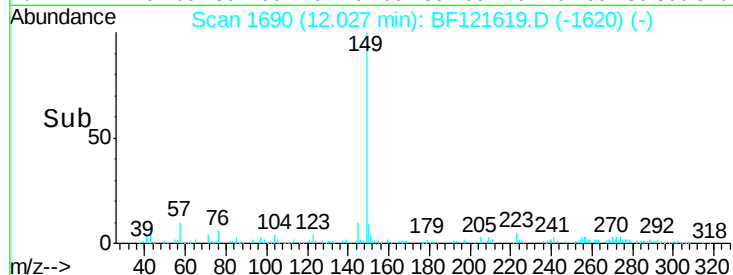
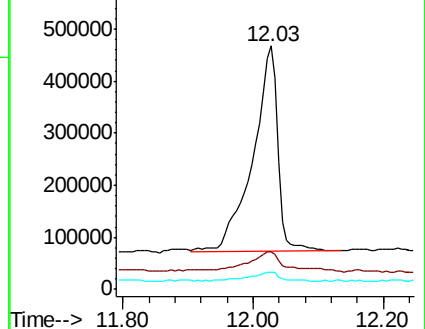
104 7.3 4.2 6.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.06 min

Lab File: BF121619.D

Acq: 18 Sep 2020 18:20

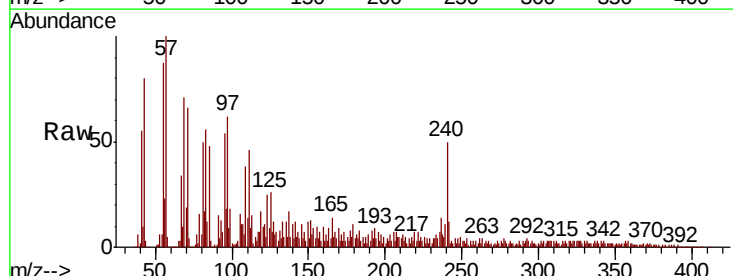
Tgt Ion:240 Resp: 216843

Ion Ratio Lower Upper

240 100

120 19.8 9.2 13.8#

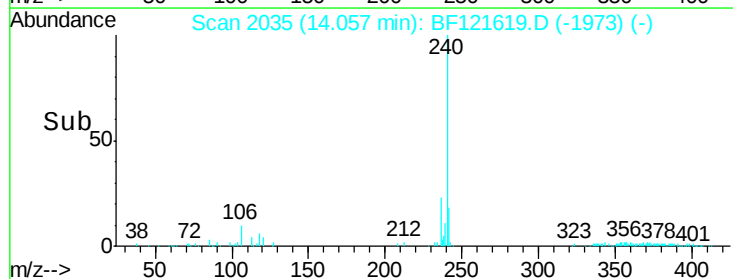
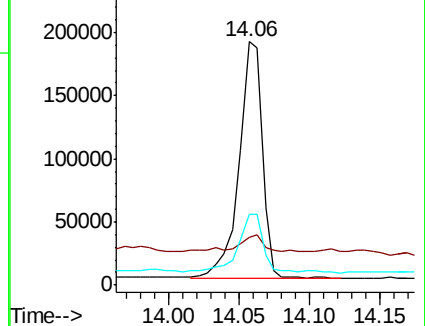
236 29.0 20.5 30.7

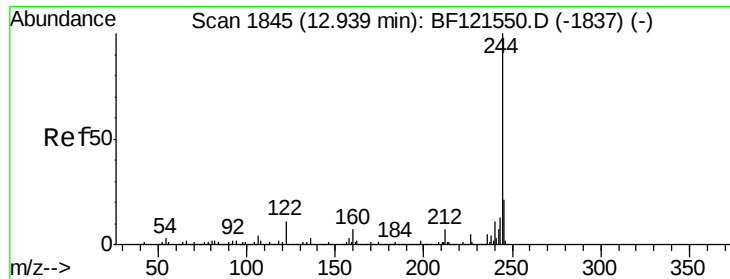


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 33.228 ng

RT: 13.05 min Scan# 1864

Delta R.T. 0.11 min

Lab File: BF121619.D

Acq: 18 Sep 2020 18:20

Instrument :

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ClientSampleId :

VNJ-231

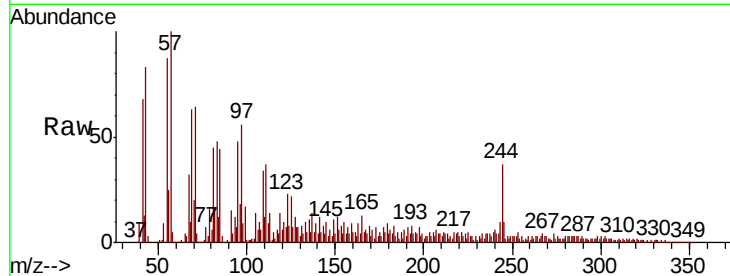
Tot Ion:244 Resp: 355659

Ion Ratio Lower Upper

244 100

212 10.2 5.7 8.5#

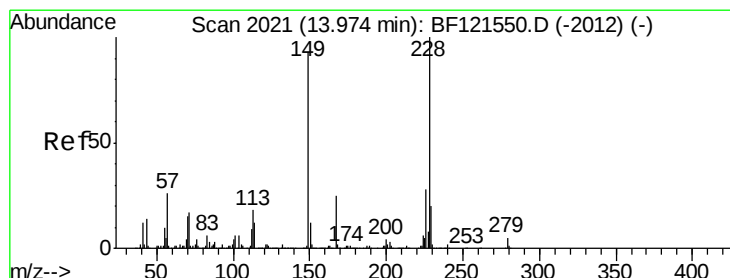
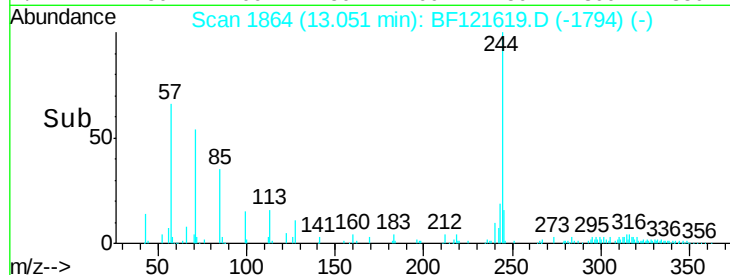
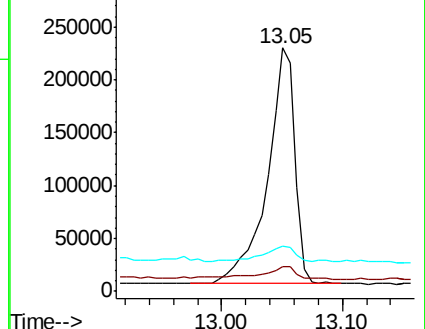
122 18.8 8.7 13.1#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 15.771 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.04 min

Lab File: BF121619.D

Acq: 18 Sep 2020 18:20

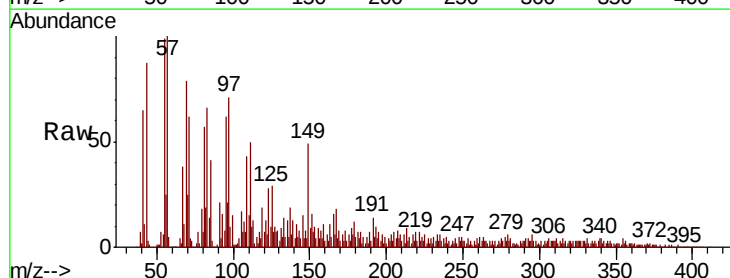
Tgt Ion:149 Resp: 134997

Ion Ratio Lower Upper

149 100

167 38.0 21.6 32.4#

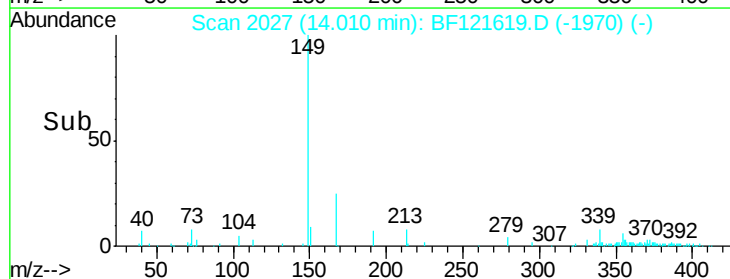
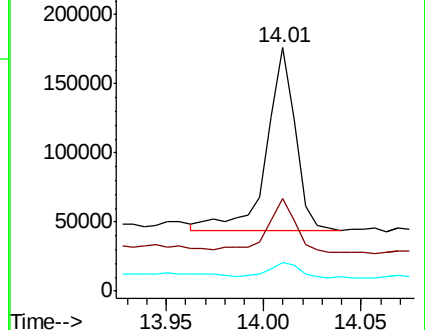
279 11.9 4.1 6.1#

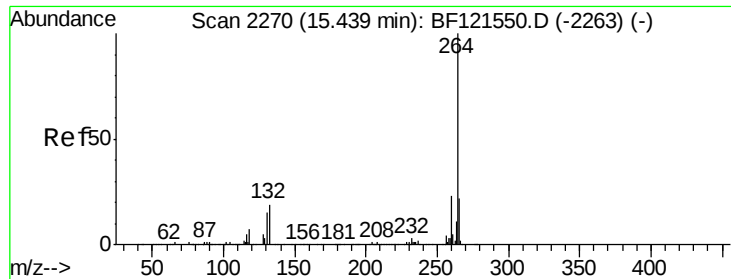


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.03 min
Lab File: BF121619.D
Acq: 18 Sep 2020 18:20

Instrument :
BNA_F
ClientSampleId :
VNJ-231

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	21.8	17.8	26.6

