

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121639.D
 Acq On : 21 Sep 2020 21:42
 Operator : JU/CG
 Sample : L4053-03DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-231DL

Quant Time: Sep 22 02:14:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

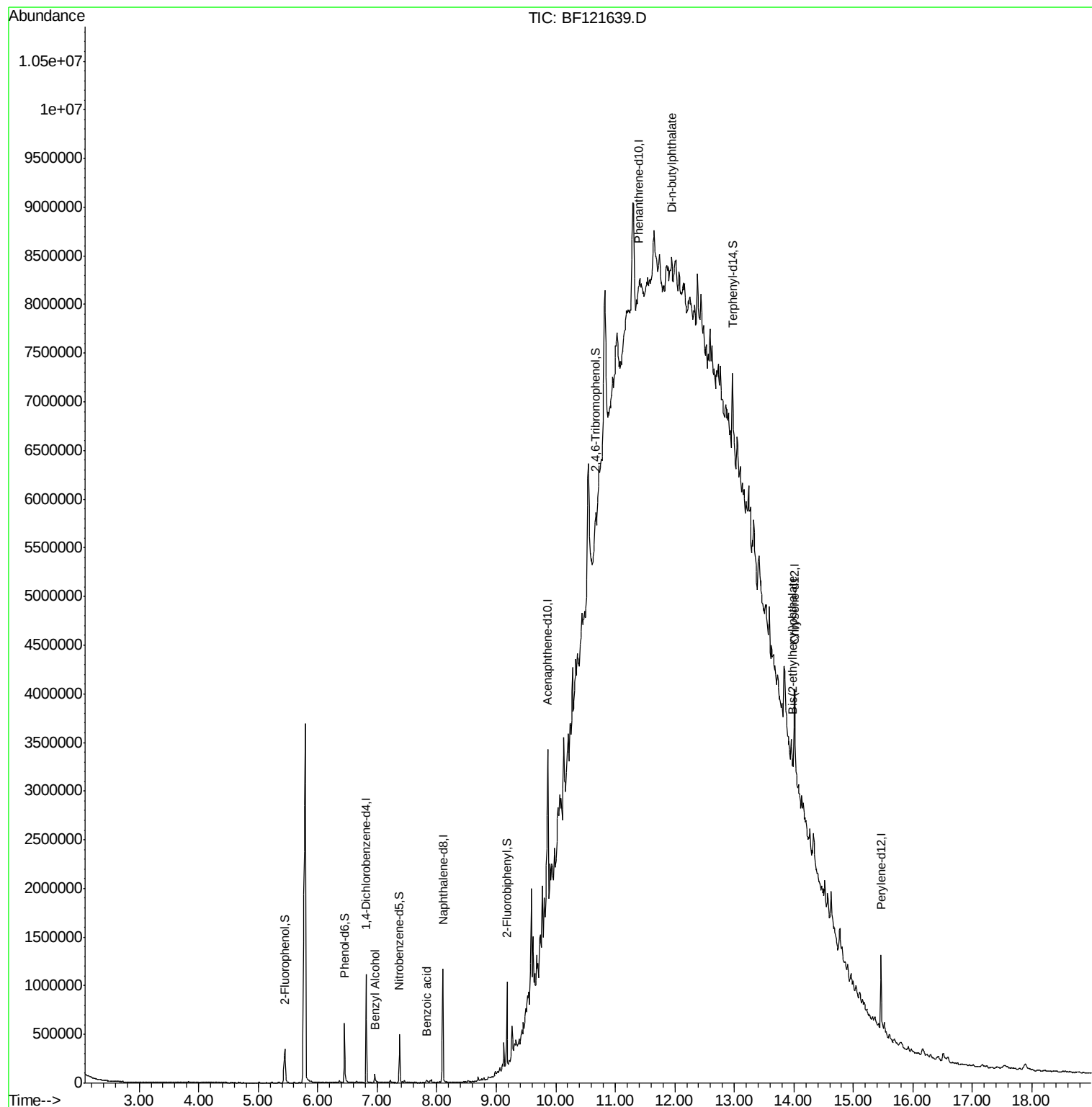
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	147596	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	575411	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	243619	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	262413	20.00	ng	0.04
76) Chrysene-d12	14.02	240	303144	20.00	ng	0.02
86) Perylene-d12	15.46	264	352641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	188942	19.02	ng	0.02
7) Phenol-d6	6.45	99	231195	17.74	ng	-0.01
23) Nitrobenzene-d5	7.37	82	149343	13.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	43026	14.21	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	281904	17.53	ng	0.00
79) Terphenyl-d14	12.97	244	163602	10.93	ng	0.02
Target Compounds						
15) Benzyl Alcohol	6.96	79	25865	2.921	ng	99
32) Benzoic acid	7.83	122	8524	7.951	ng	95
74) Di-n-butylphthalate	11.95	149	617934	40.212	ng	# 93
84) Bis(2-ethylhexyl)phthalate	13.99	149	47807	3.995	ng	# 85

(#) = 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# 804

Delta R.T. 0.00 min

Lab File: BF121639.D

Acq: 21 Sep 2020 21:42

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ClientSampleId :

VNJ-231DL

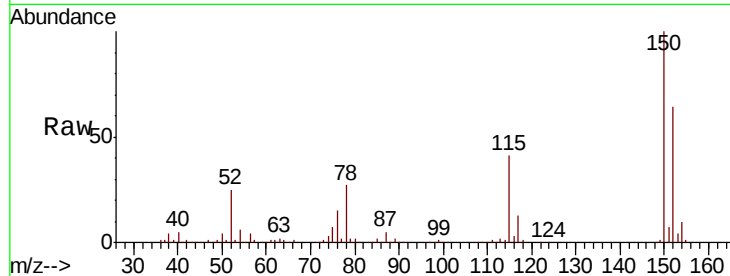
Tot Ion:152 Resp: 147596

Ion Ratio Lower Upper

152 100

150 155.7 128.1 192.1

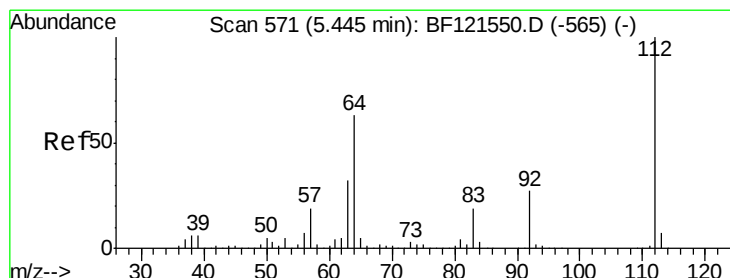
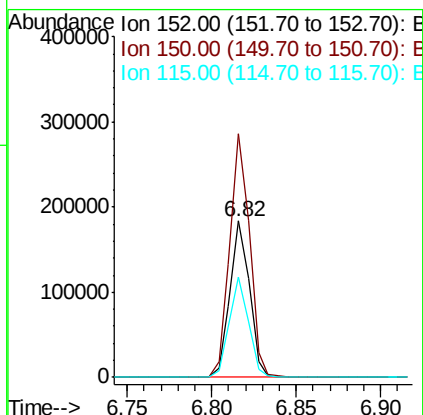
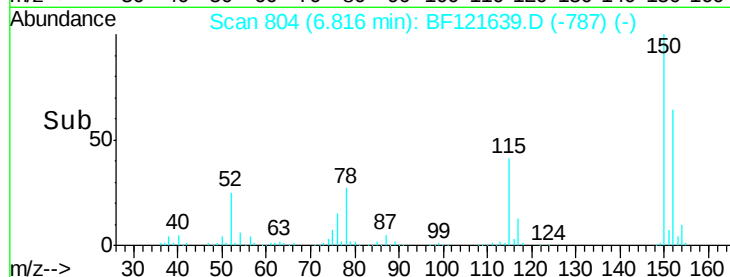
115 63.7 52.6 79.0



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: 19.024 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.02 min

Lab File: BF121639.D

Acq: 21 Sep 2020 21:42

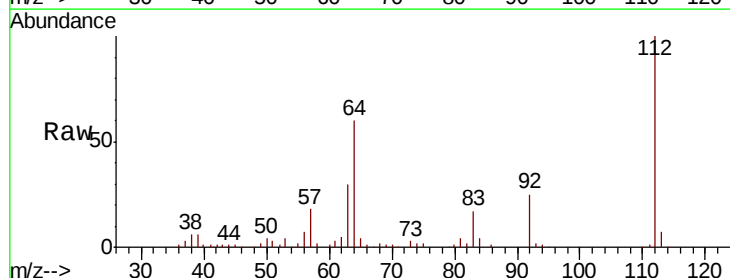
Tgt Ion:112 Resp: 188942

Ion Ratio Lower Upper

112 100

64 60.0 52.2 78.2

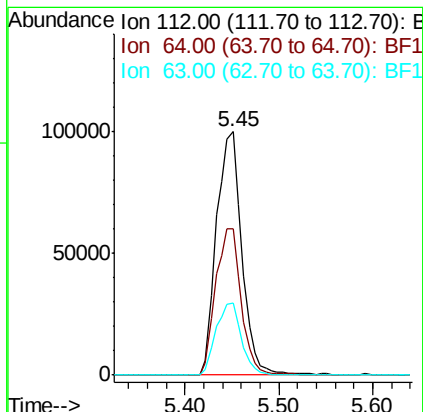
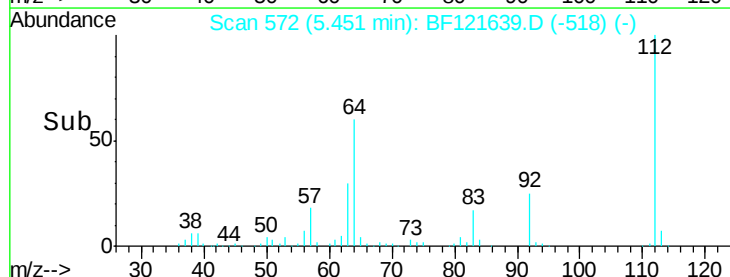
63 29.7 26.6 39.8



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: 17.744 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121639.D

Acq: 21 Sep 2020 21:42

Instrument :

BNA_F

ClientSampleId :

VNJ-231DL

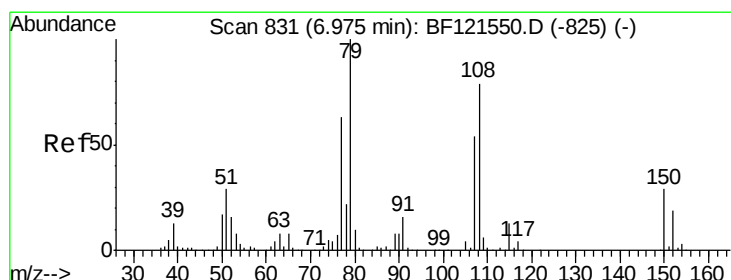
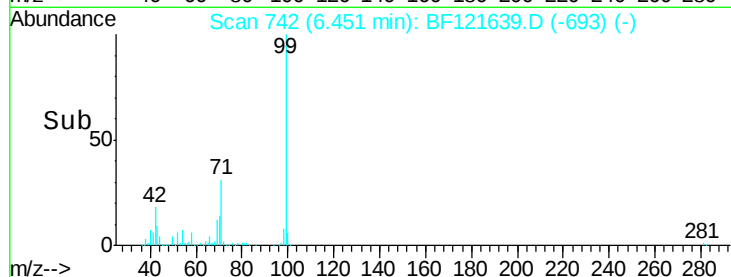
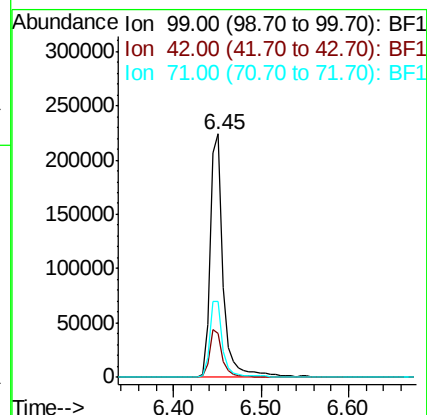
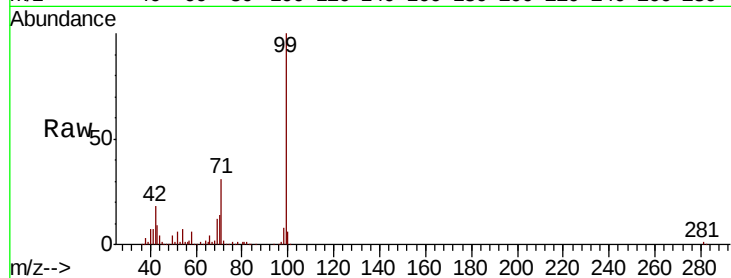
Tot Ion: 99 Resp: 231195

Ion Ratio Lower Upper

99 100

42 18.1 15.5 23.3

71 31.3 27.4 41.2



#15

Benzyl Alcohol

Concen: 2.921 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF121639.D

Acq: 21 Sep 2020 21:42

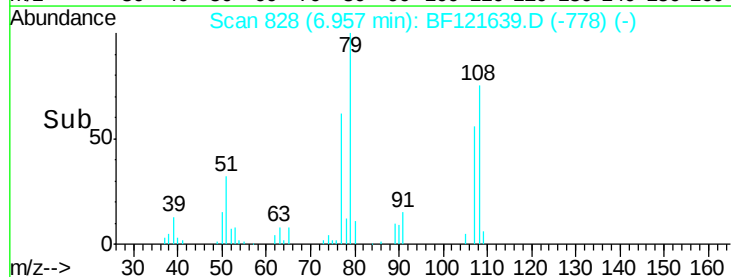
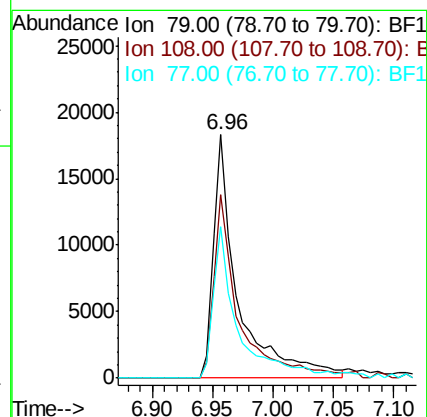
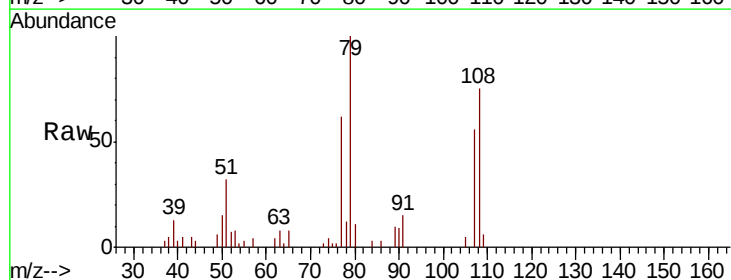
Tgt Ion: 79 Resp: 25865

Ion Ratio Lower Upper

79 100

108 75.2 60.2 90.2

77 62.2 50.6 76.0

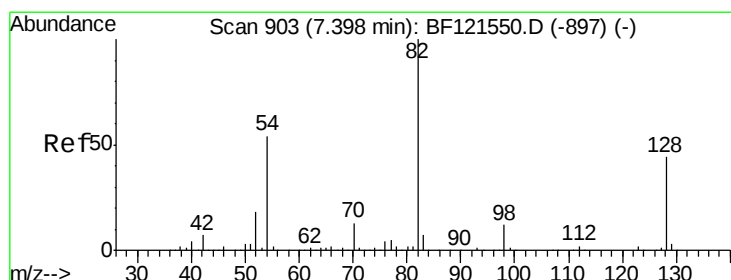
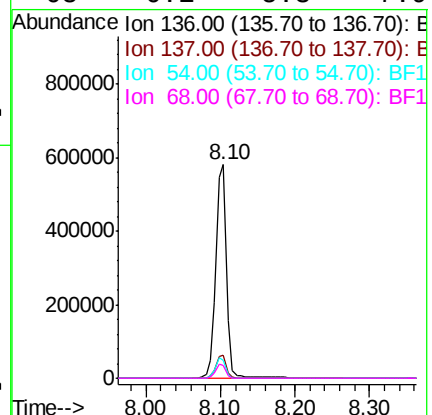
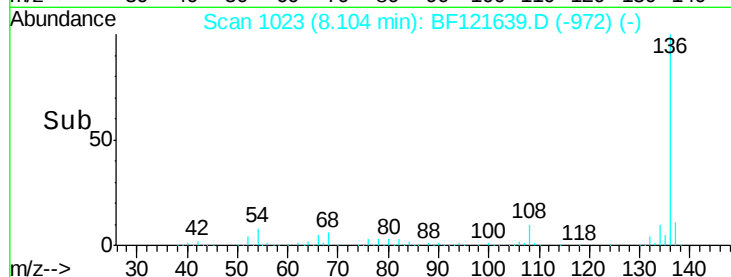
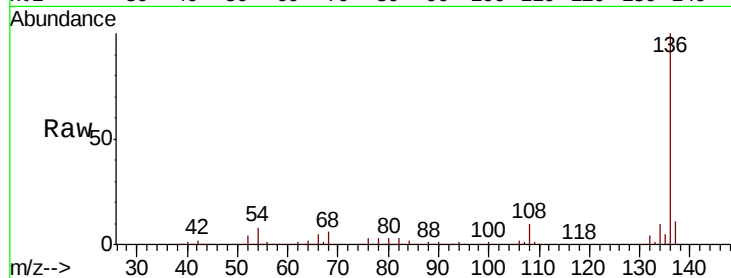




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF121639.D
Acq: 21 Sep 2020 21:42

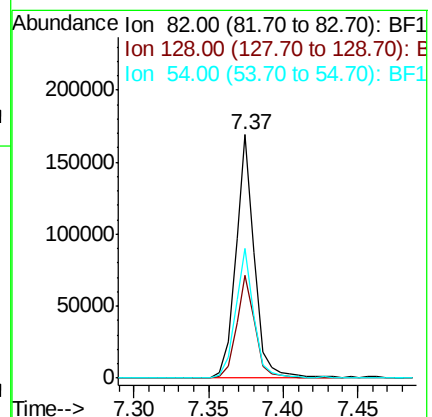
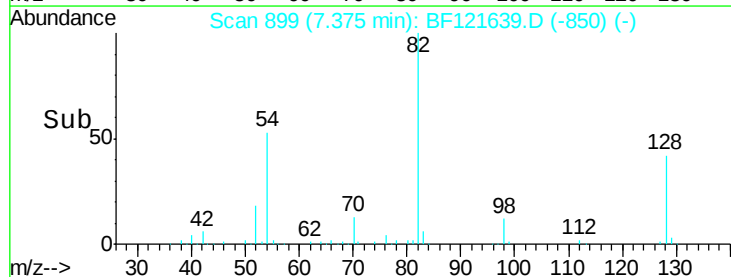
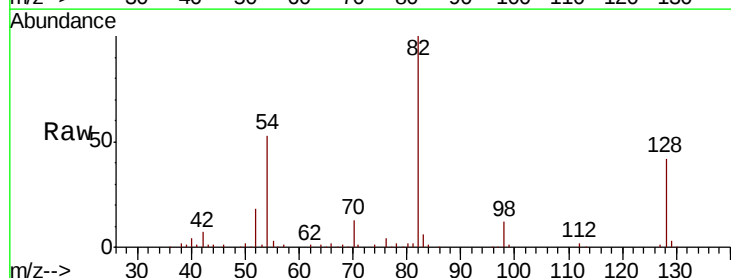
Instrument :
BNA_F
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VNJ-231DL

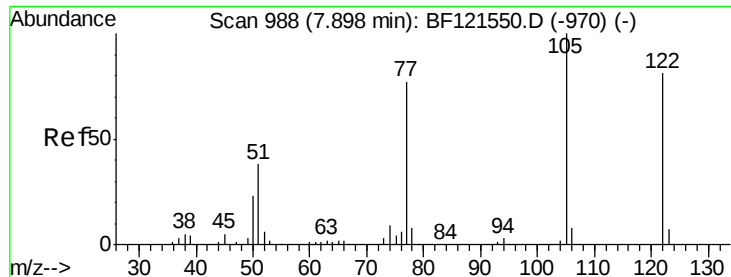
Tot Ion:136 Resp: 575411
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.4 7.4 11.0
68 6.1 5.3 7.9



#23
Nitrobenzene-d5
Concen: 13.935 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121639.D
Acq: 21 Sep 2020 21:42

Tgt Ion: 82 Resp: 149343
Ion Ratio Lower Upper
82 100
128 42.4 33.9 50.9
54 53.2 42.9 64.3

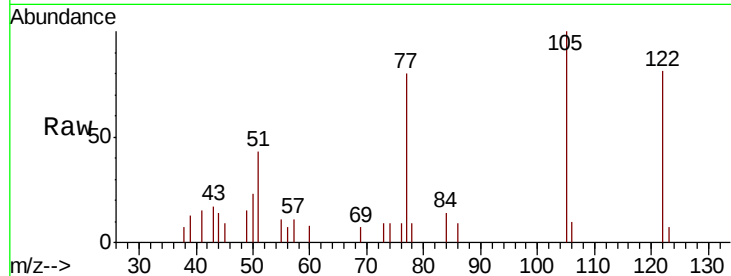




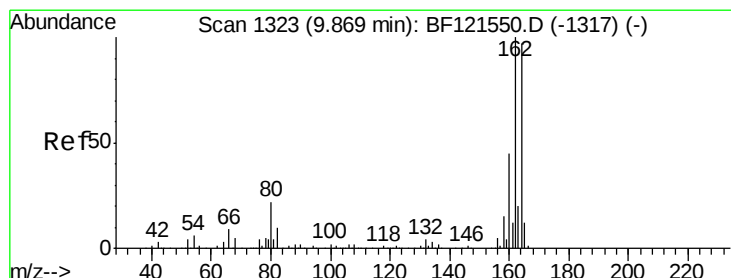
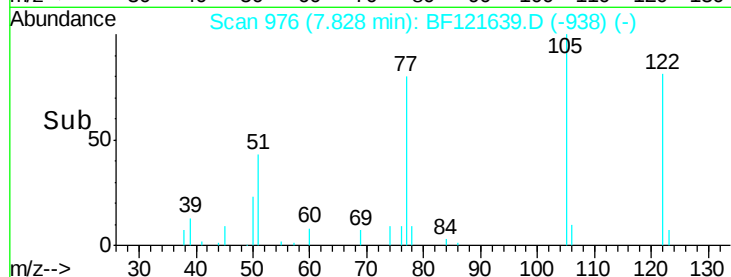
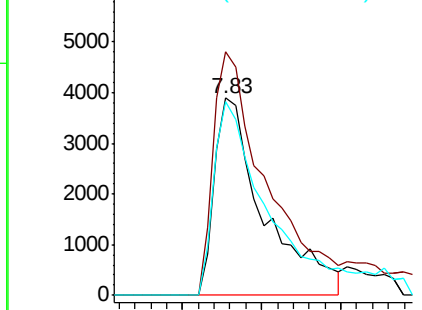
#32
Benzoic acid
Concen: 7.951 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.08 min
Lab File: BF121639.D
Acq: 21 Sep 2020 21:42

Instrument :
BNA_F
ClientSampleId :
VNJ-231DL

Tot Ion:122 Resp: 8524
Ion Ratio Lower Upper
122 100
105 123.6 101.9 141.9
77 98.6 69.0 109.0

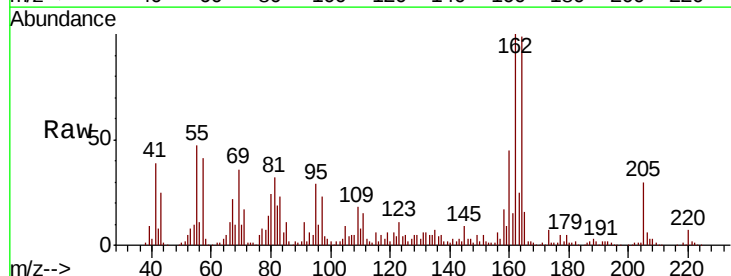


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

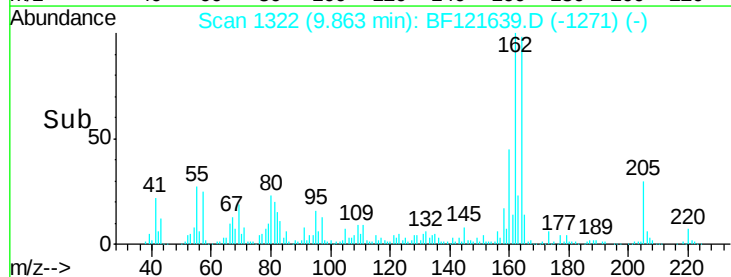
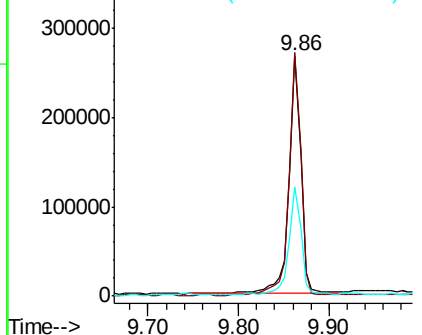


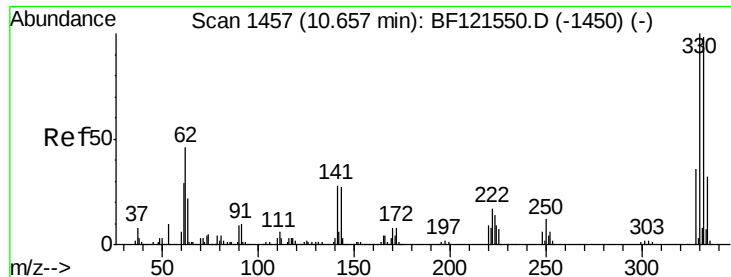
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF121639.D
Acq: 21 Sep 2020 21:42

Tgt Ion:164 Resp: 243619
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 45.5 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

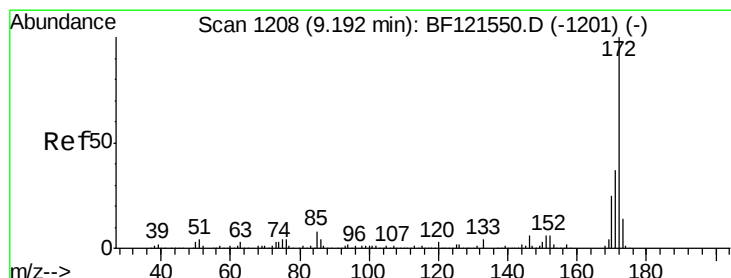
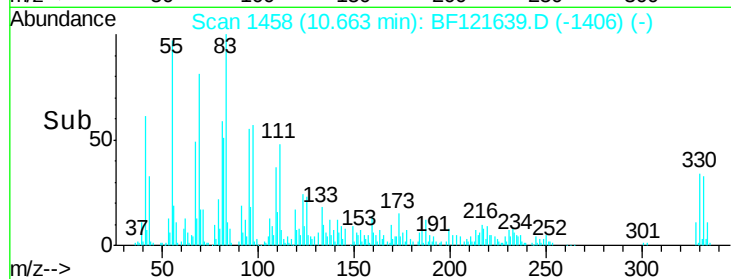
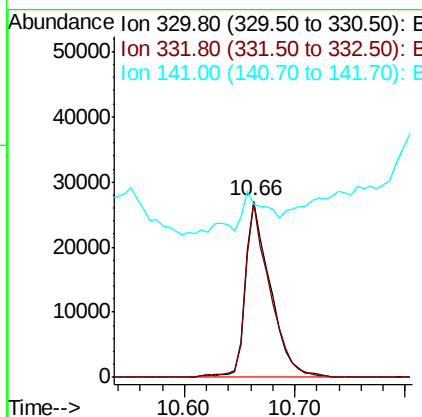
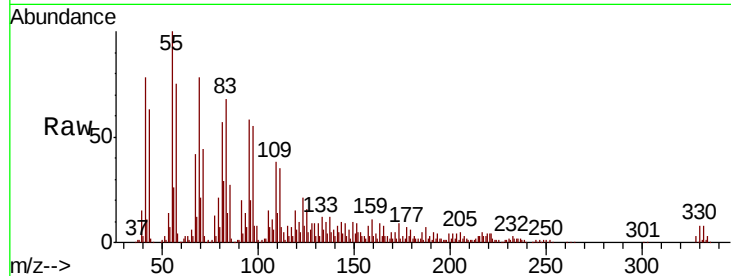




#42
 2,4,6-Tribromophenol
 Concen: 14.210 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: BF121639.D
 Acq: 21 Sep 2020 21:42

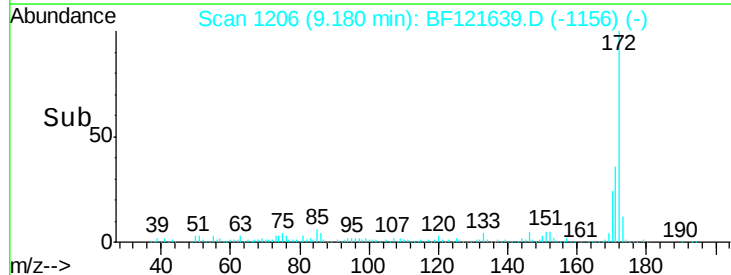
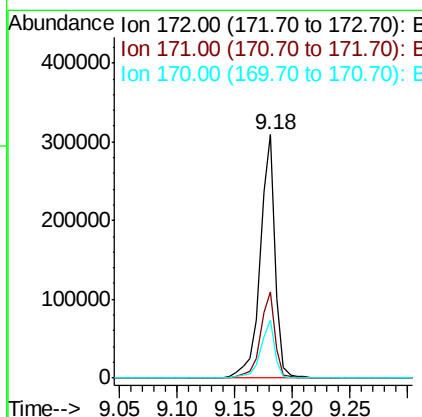
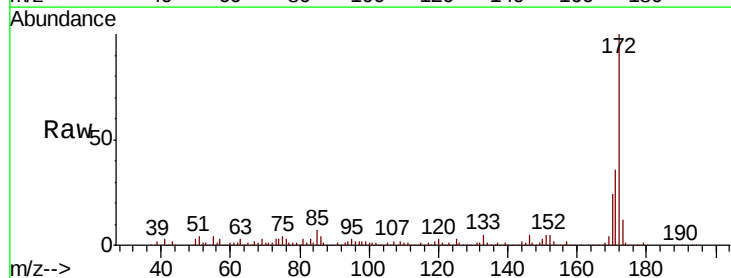
Instrument :
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 ClientSampleID :
 VNJ-231DL

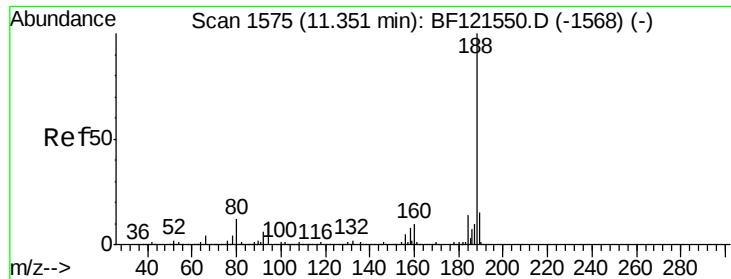
Tot Ion:330 Resp: 43026
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.9 115.3
 141 20.6 22.4 33.6#



#45
 2-Fluorobiphenyl
 Concen: 17.525 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121639.D
 Acq: 21 Sep 2020 21:42

Tgt Ion:172 Resp: 281904
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.3 43.9
 170 23.7 19.5 29.3

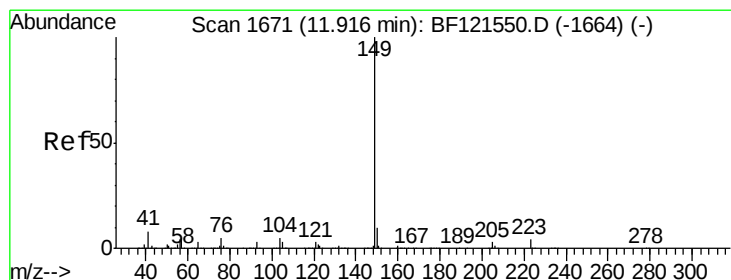
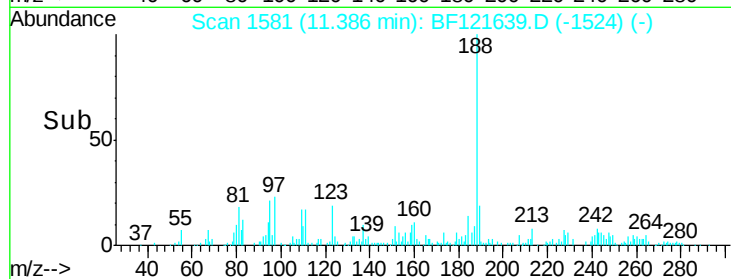
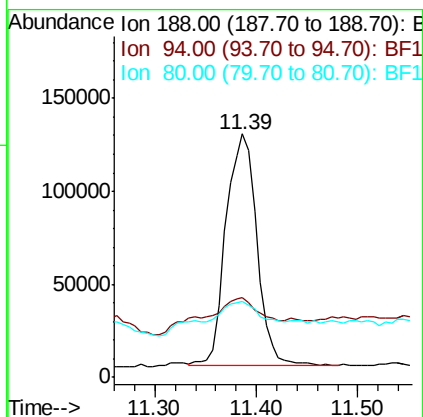
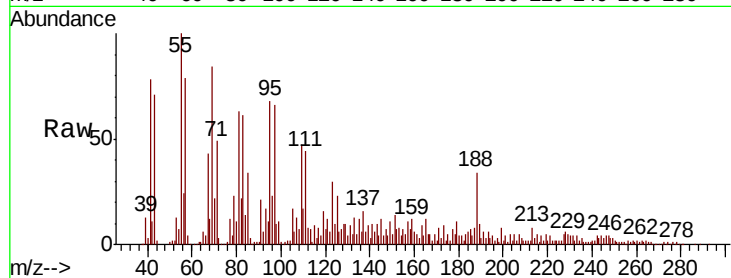




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.04 min
Lab File: BF121639.D
Acq: 21 Sep 2020 21:42

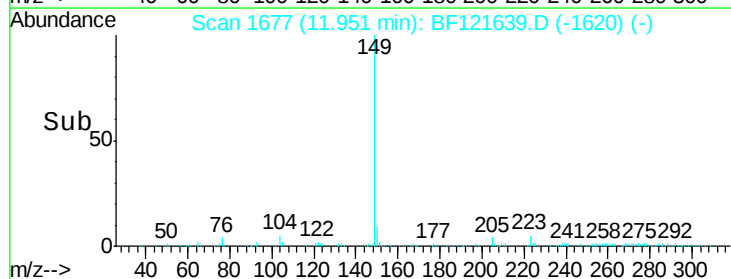
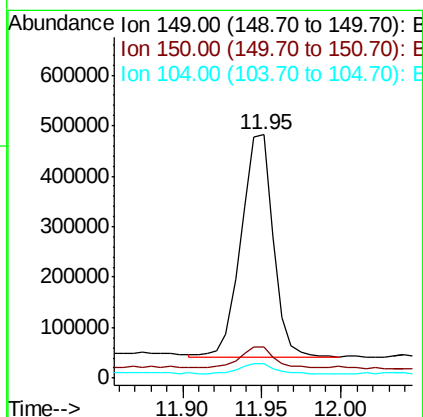
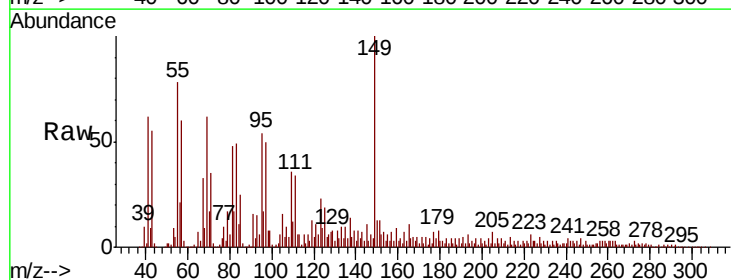
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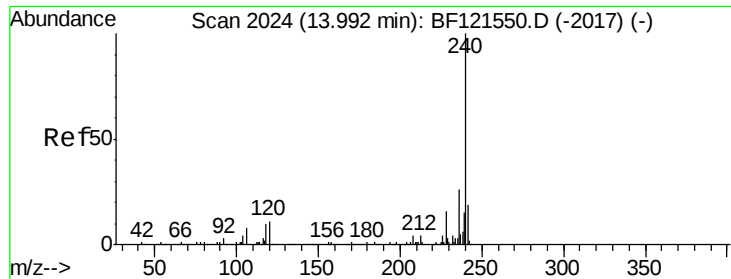
Tot Ion:188 Resp: 262413
Ion Ratio Lower Upper
188 100
94 32.8 8.4 12.6#
80 31.1 9.0 13.4#



#74
Di-n-butylphthalate
Concen: 40.212 ng
RT: 11.95 min Scan# 1677
Delta R.T. 0.04 min
Lab File: BF121639.D
Acq: 21 Sep 2020 21:42

Tgt Ion:149 Resp: 617934
Ion Ratio Lower Upper
149 100
150 12.7 7.6 11.4#
104 6.1 4.2 6.2

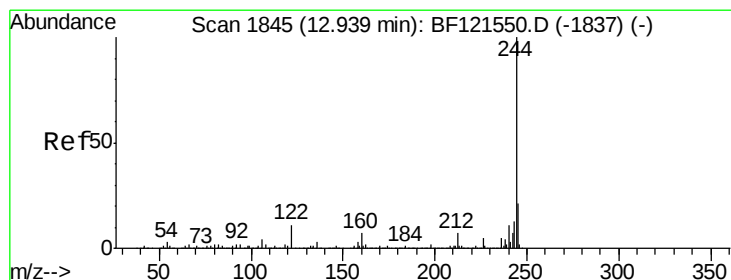
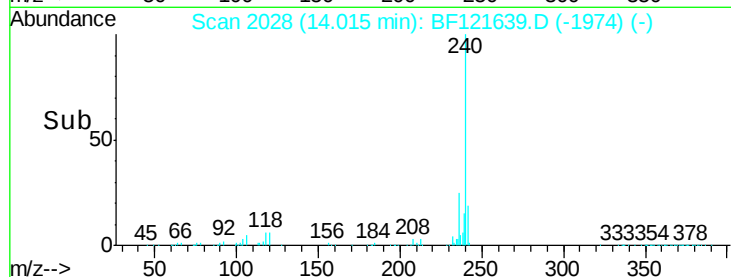
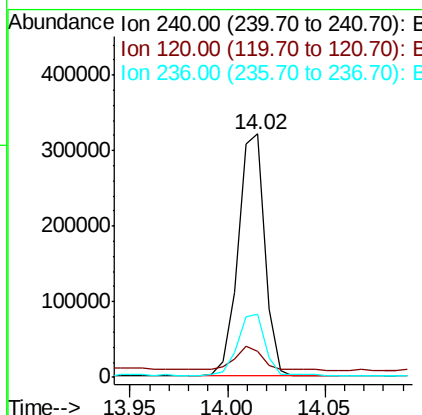
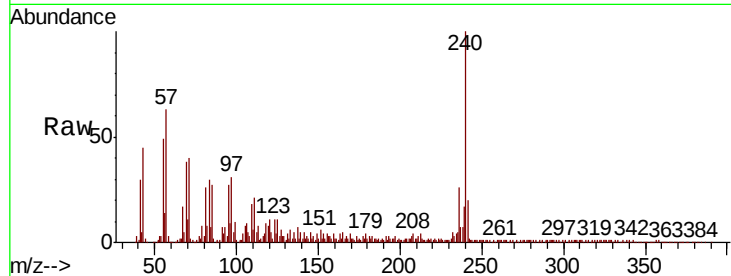




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.02 min
 Lab File: BF121639.D
 Acq: 21 Sep 2020 21:42

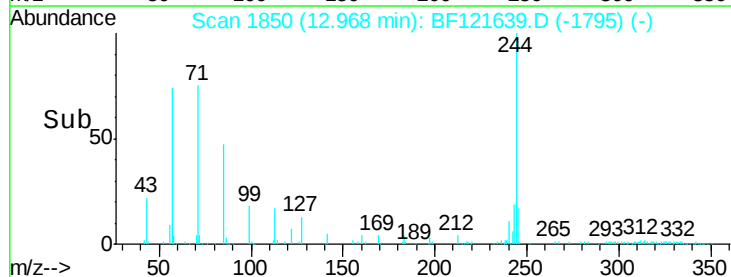
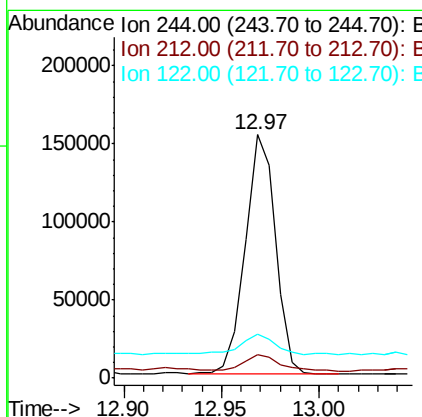
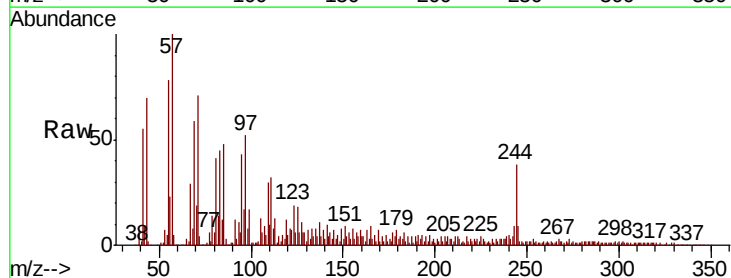
Instrument :
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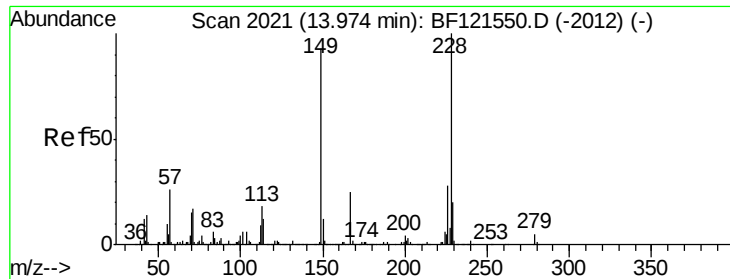
Tot Ion:240 Resp: 303144
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.2 13.8
 236 25.8 20.4 30.6



#79
 Terphenyl-d14
 Concen: 10.933 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.02 min
 Lab File: BF121639.D
 Acq: 21 Sep 2020 21:42

Tgt Ion:244 Resp: 163602
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.5 8.3#
 122 17.8 7.4 11.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.995 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF121639.D

Acq: 21 Sep 2020 21:42

Instrument :

BNA_F

ClientSampleId :

VNJ-231DL

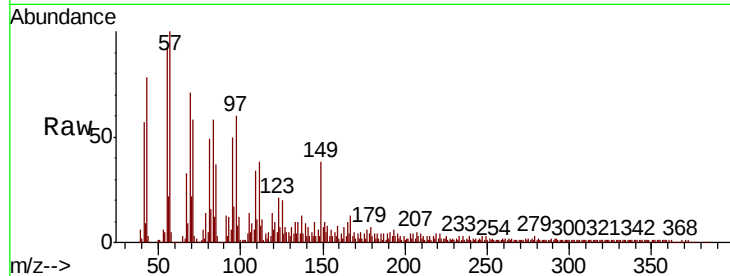
Tot Ion:149 Resp: 47807

Ion Ratio Lower Upper

149 100

167 34.8 21.3 31.9#

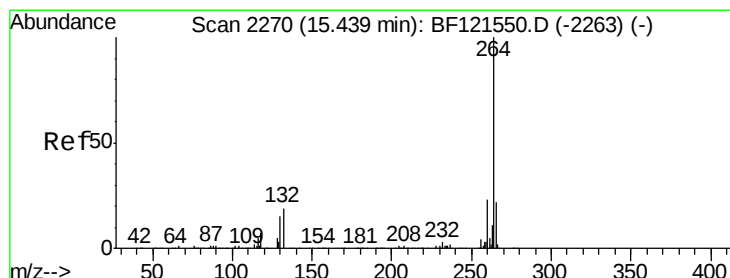
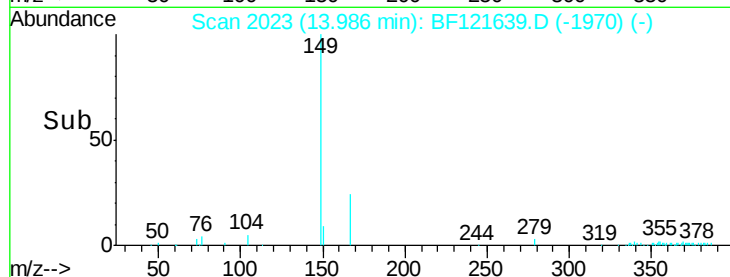
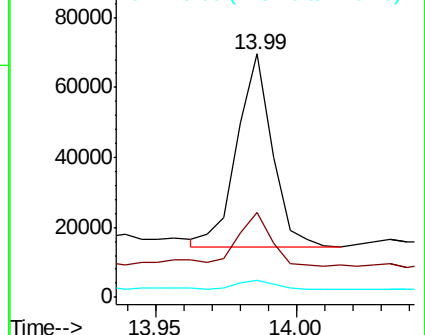
279 7.0 3.4 5.0#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF121639.D

Acq: 21 Sep 2020 21:42

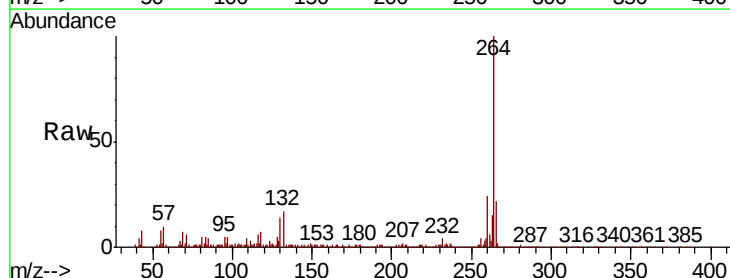
Tgt Ion:264 Resp: 352641

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.1 17.3 25.9



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

