

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121759.D
 Acq On : 1 Oct 2020 1:41
 Operator : JU/CG
 Sample : L4053-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-231

Quant Time: Oct 01 08:38:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

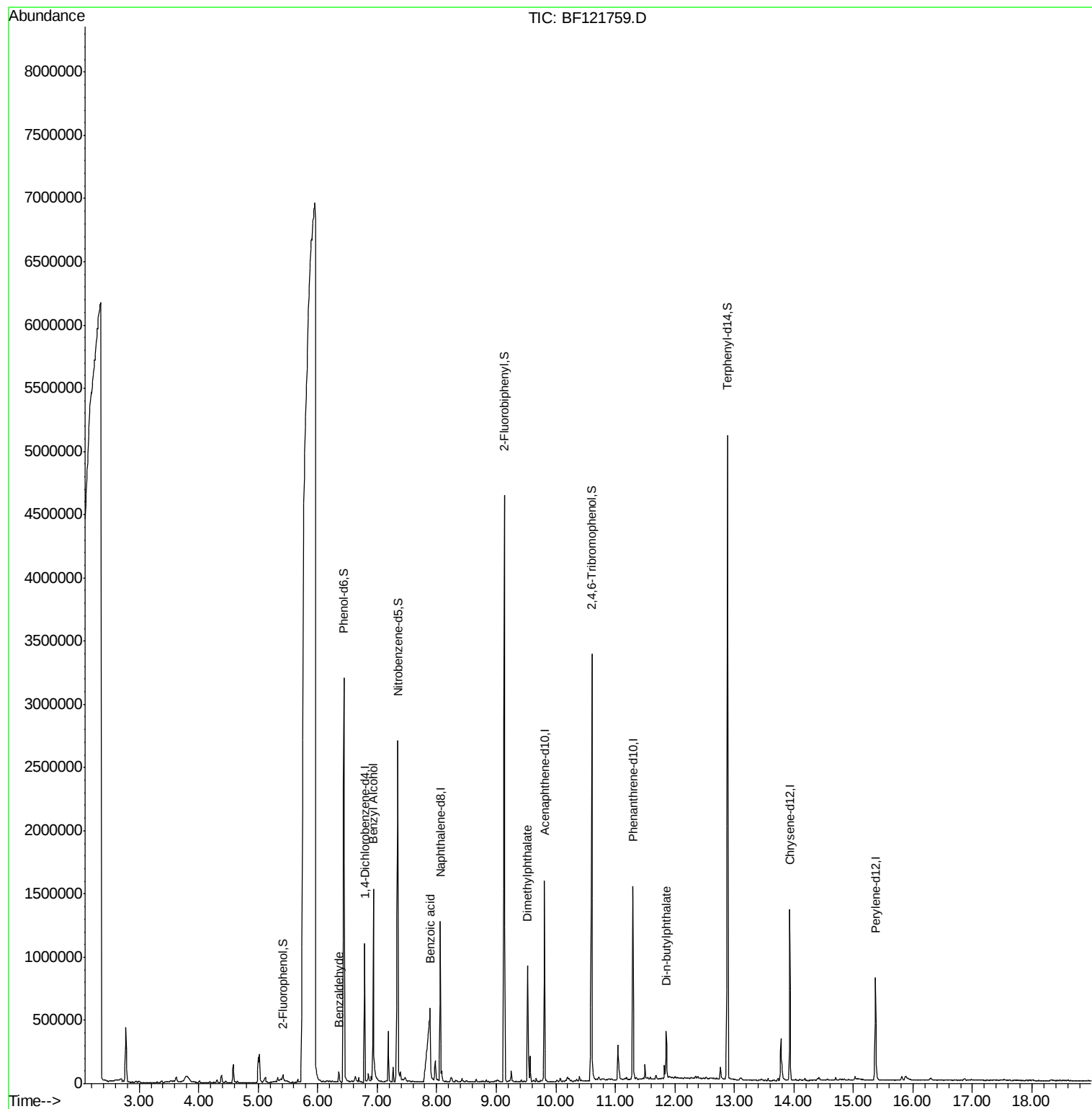
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	155676	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	620236	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	323454	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	595596	20.00	ng	-0.01
76) Chrysene-d12	13.93	240	424109	20.00	ng	-0.01
86) Perylene-d12	15.37	264	368300	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	24173	2.31	ng	0.01
7) Phenol-d6	6.44	99	1099726	80.02	ng	0.01
23) Nitrobenzene-d5	7.35	82	1040866	90.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	502364	124.96	ng	-0.01
45) 2-Fluorobiphenyl	9.14	172	1798210	84.20	ng	-0.01
79) Terphenyl-d14	12.89	244	1875211	89.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	18267	2.033	ng	89
15) Benzyl Alcohol	6.93	79	322097	34.482	ng	98
32) Benzoic acid	7.90	122	435306	55.022	ng	97
50) Dimethylphthalate	9.53	163	422232	18.011	ng	98
74) Di-n-butylphthalate	11.86	149	171468	4.916	ng	98

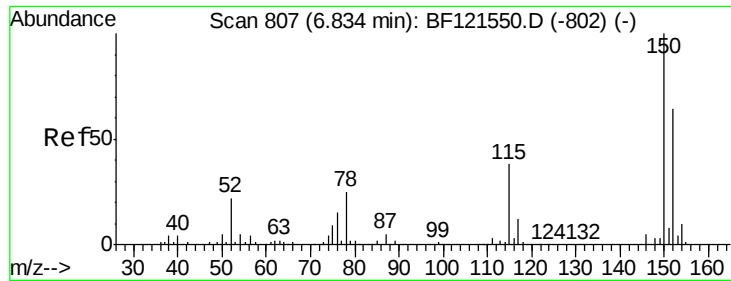
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration



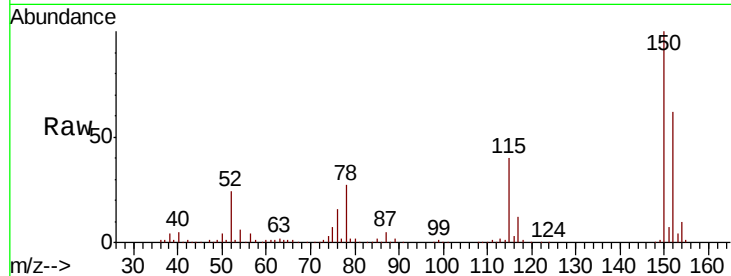


#1

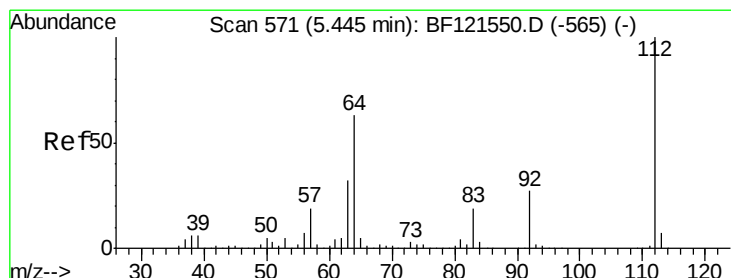
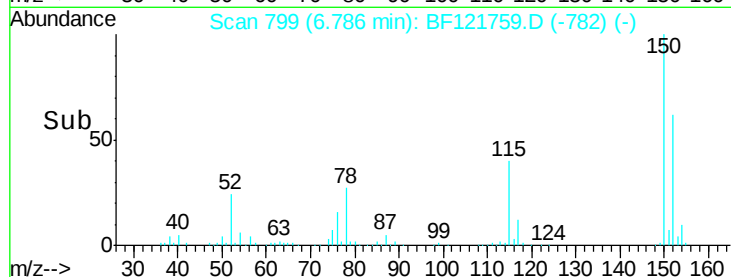
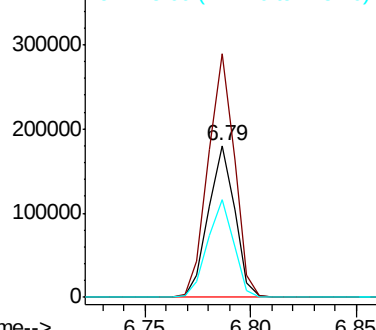
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF121759.D
Acq: 1 Oct 2020 1:41

Instrument :
BNA_F
ClientSampleId :
VNJ-231

Tot Ion:152 Resp: 155676
Ion Ratio Lower Upper
152 100
150 160.1 125.8 188.8
115 64.6 49.6 74.4



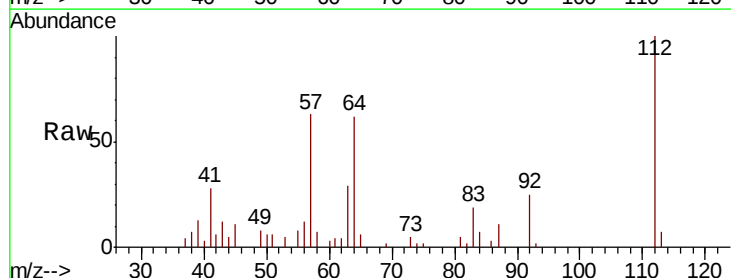
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



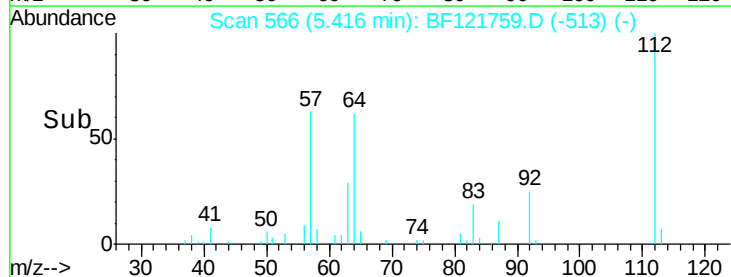
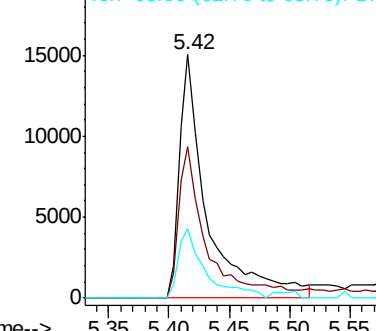
#5

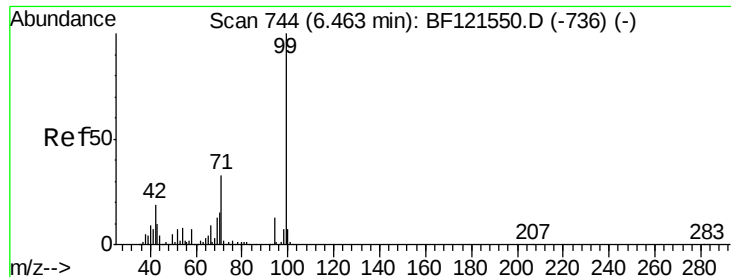
2-Fluorophenol
Concen: 2.308 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF121759.D
Acq: 1 Oct 2020 1:41

Tgt Ion:112 Resp: 24173
Ion Ratio Lower Upper
112 100
64 62.4 51.2 76.8
63 28.7 25.9 38.9



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: 80.021 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF121759.D

Acq: 1 Oct 2020 1:41

Instrument :

BNA_F

ClientSampled :

VNJ-231

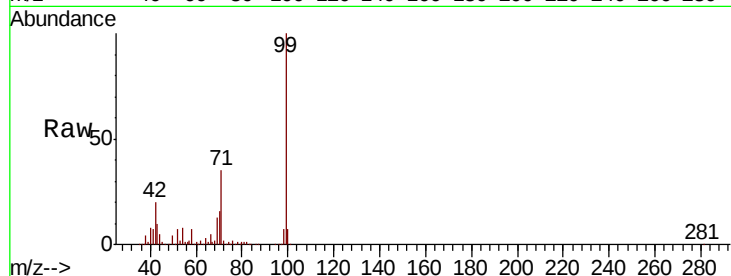
Tot Ion: 99 Resp: 1099726

Ion Ratio Lower Upper

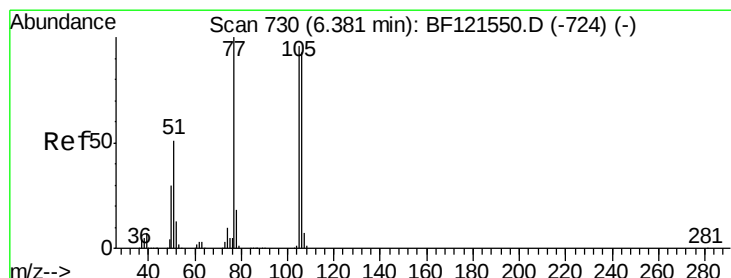
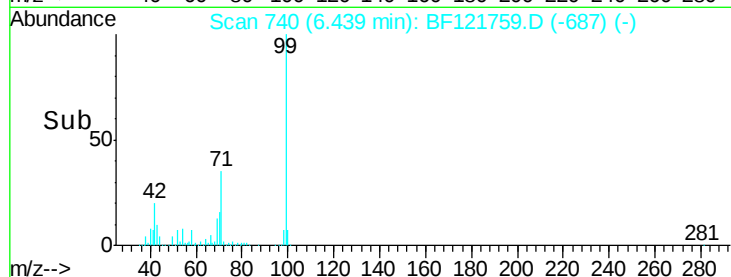
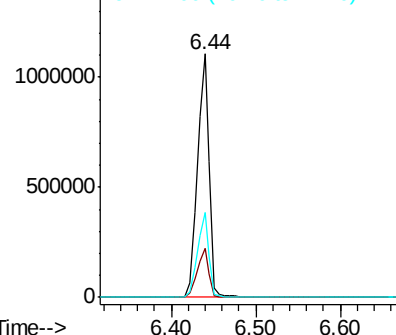
99 100

42 20.2 16.5 24.7

71 34.9 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.033 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.02 min

Lab File: BF121759.D

Acq: 1 Oct 2020 1:41

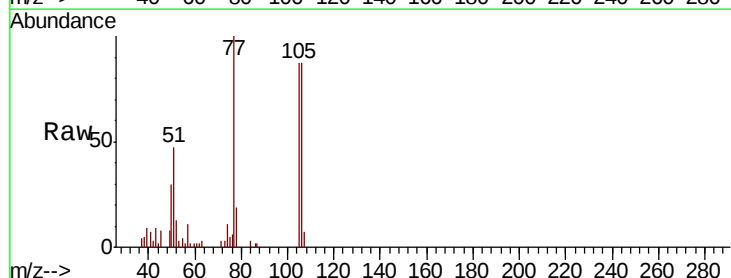
Tgt Ion: 77 Resp: 18267

Ion Ratio Lower Upper

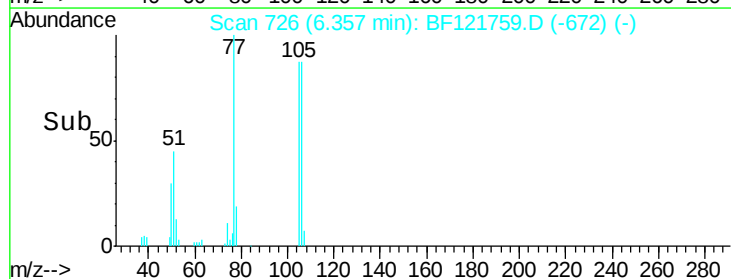
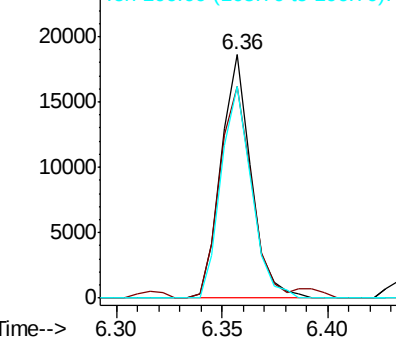
77 100

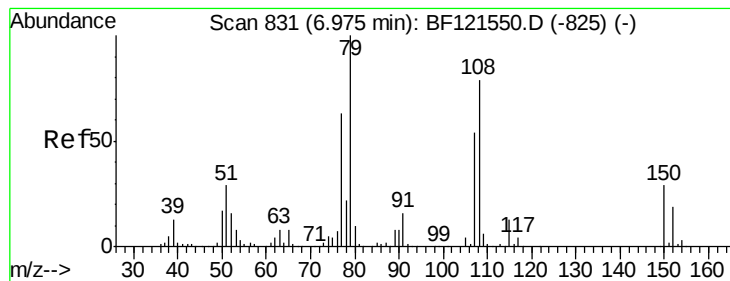
105 86.8 80.8 120.8

106 86.8 75.4 115.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
25000 Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#15

Benzyl Alcohol

Concen: 34.482 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF121759.D

Acq: 1 Oct 2020 1:41

Instrument :

BNA_F

ClientSampleId :

VNJ-231

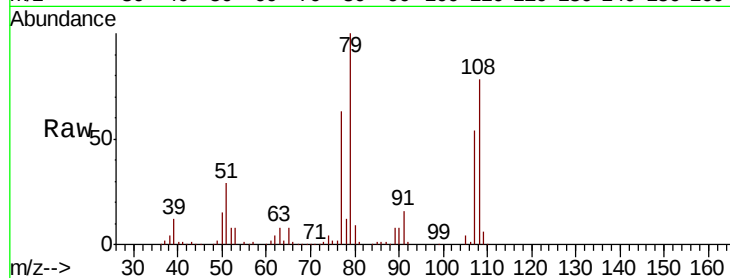
Tot Ion: 79 Resp: 322097

Ion Ratio Lower Upper

79 100

108 78.1 60.2 90.2

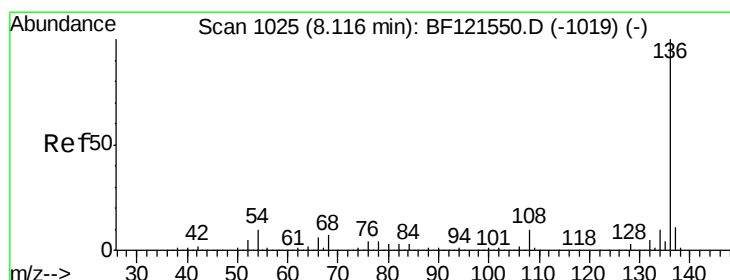
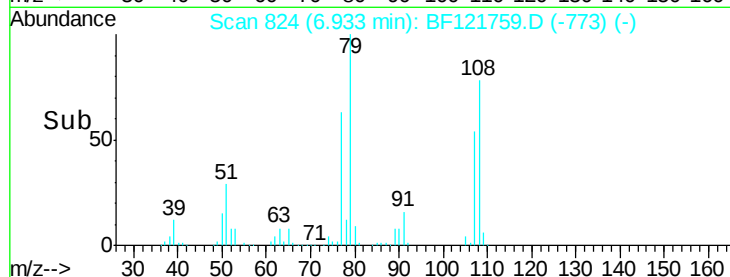
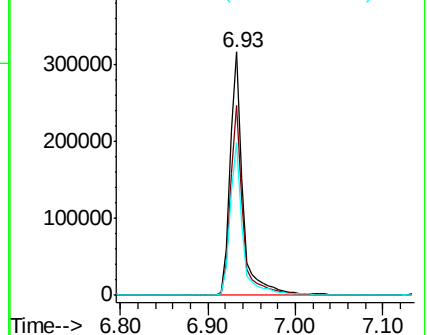
77 63.0 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF121759.D

Acq: 1 Oct 2020 1:41

Tgt Ion: 136 Resp: 620236

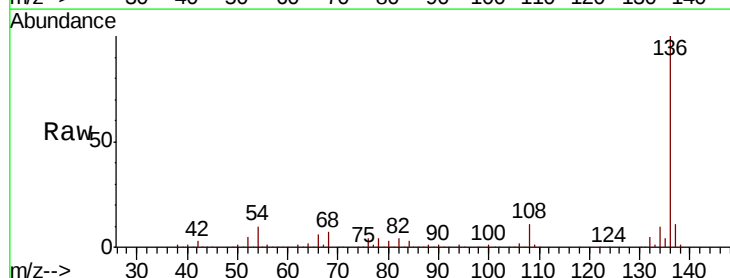
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 10.1 7.8 11.8

68 7.4 5.6 8.4

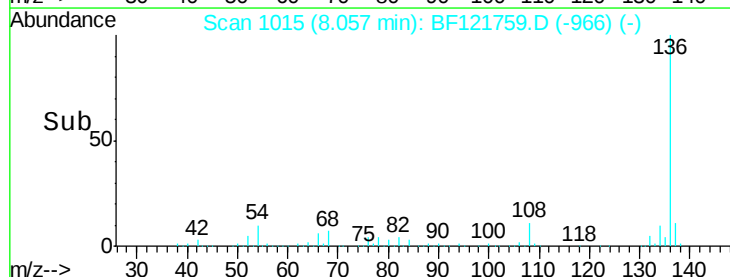
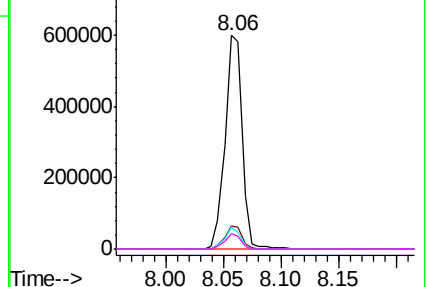


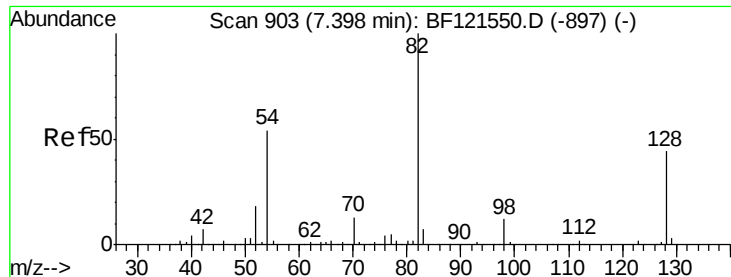
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

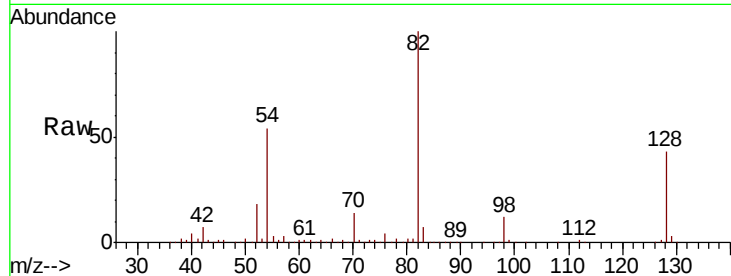




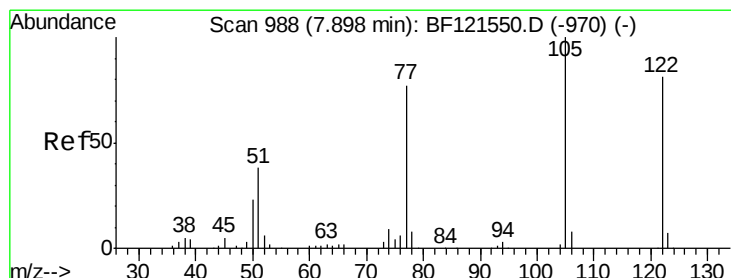
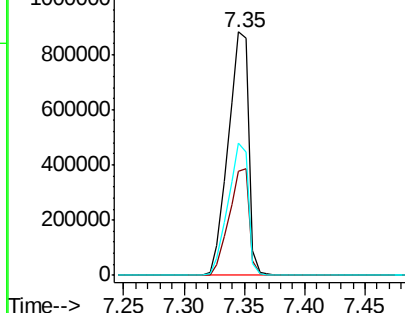
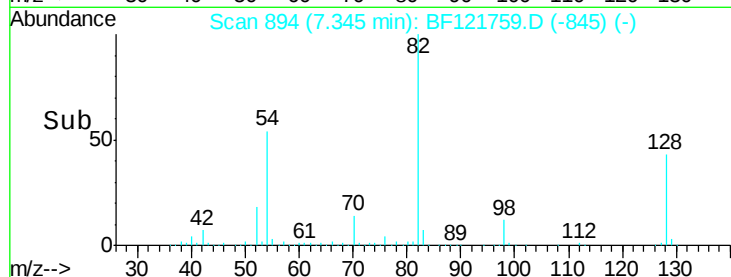
#23
Nitrobenzene-d5
Concen: 90.104 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF121759.D
Acq: 1 Oct 2020 1:41

Instrument :
BNA_F
ClientSampled :
VNJ-231

Tot Ion: 82 Resp: 1040866
Ion Ratio Lower Upper
82 100
128 42.7 35.0 52.4
54 54.4 42.5 63.7

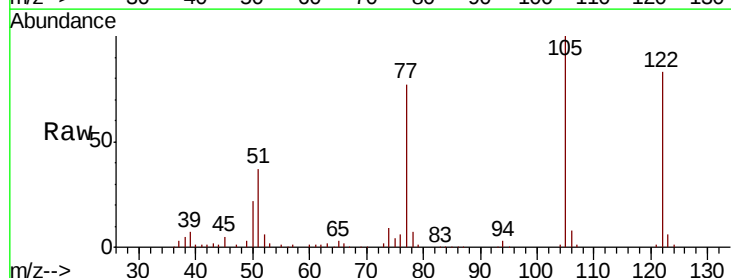


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

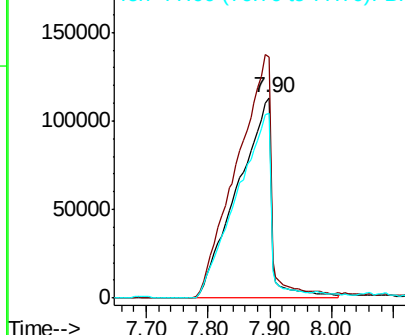
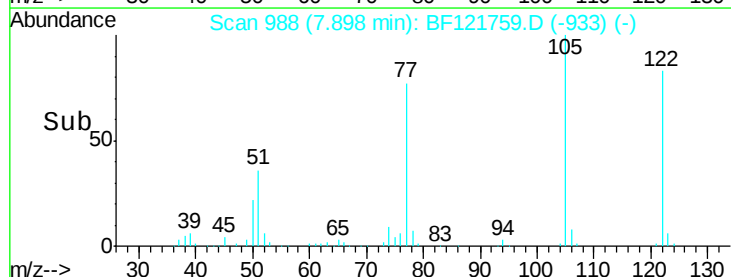


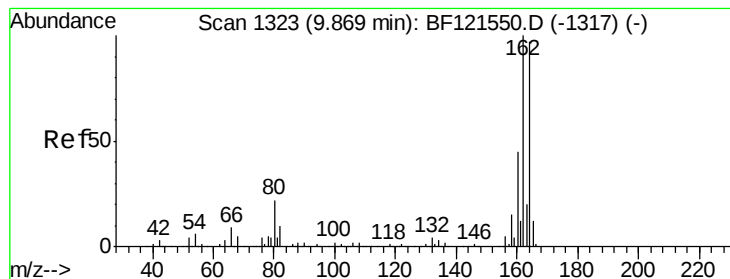
#32
Benzoic acid
Concen: 55.022 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.02 min
Lab File: BF121759.D
Acq: 1 Oct 2020 1:41

Tgt Ion:122 Resp: 435306
Ion Ratio Lower Upper
122 100
105 120.2 103.8 143.8
77 92.1 75.8 115.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF121759.D

Acq: 1 Oct 2020 1:41

Instrument :

BNA_F

ClientSampleId :

VNJ-231

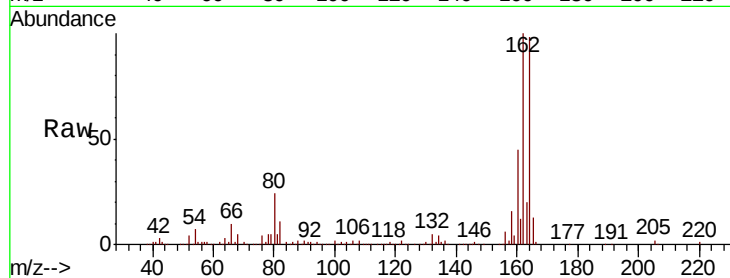
Tot Ion:164 Resp: 323454

Ion Ratio Lower Upper

164 100

162 102.0 80.6 121.0

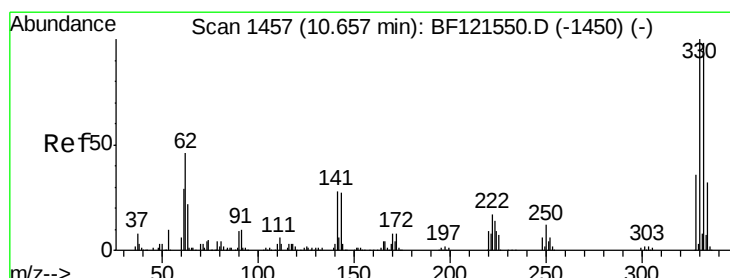
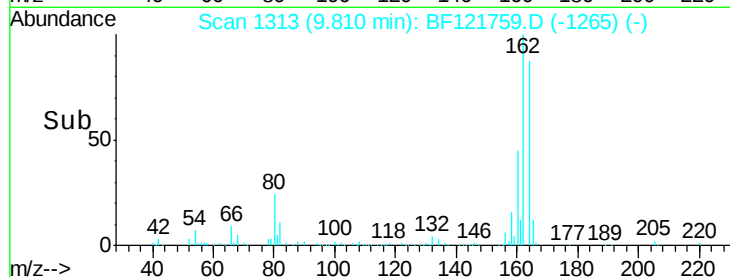
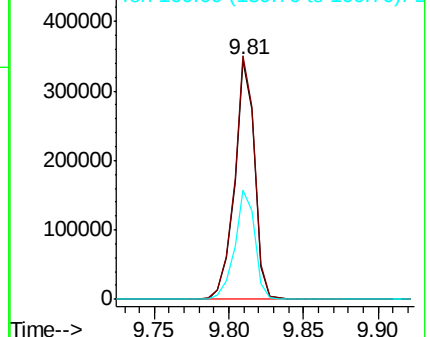
160 45.8 36.9 55.3



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: 124.963 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF121759.D

Acq: 1 Oct 2020 1:41

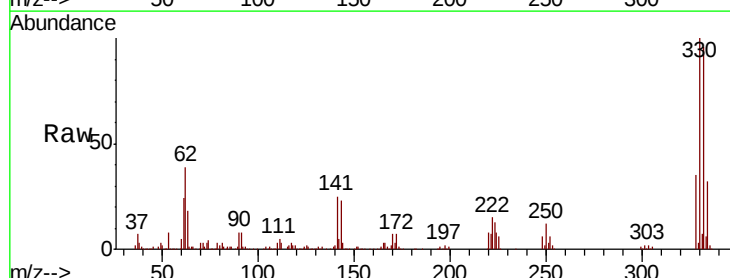
Tgt Ion:330 Resp: 502364

Ion Ratio Lower Upper

330 100

332 96.0 77.6 116.4

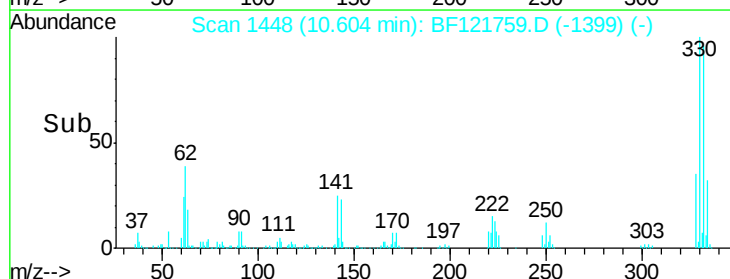
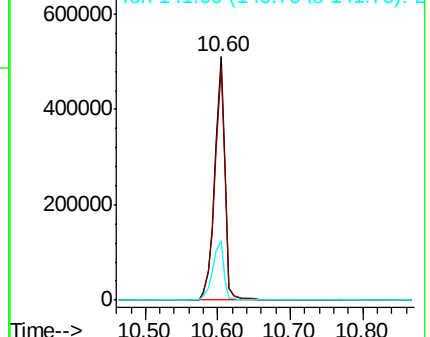
141 26.8 22.9 34.3

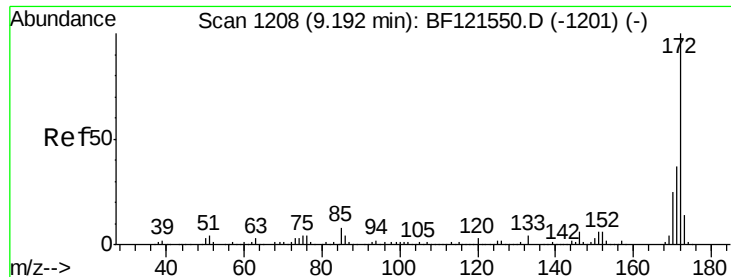


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

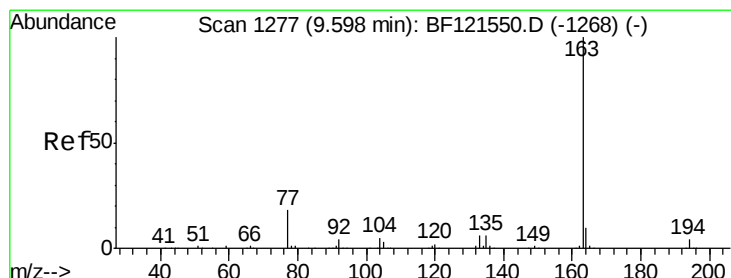
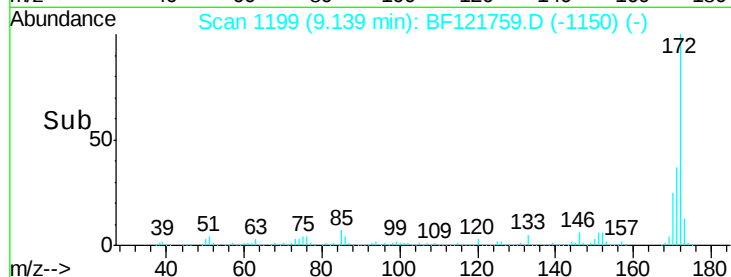
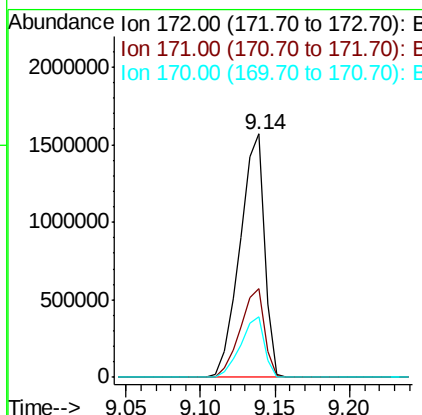
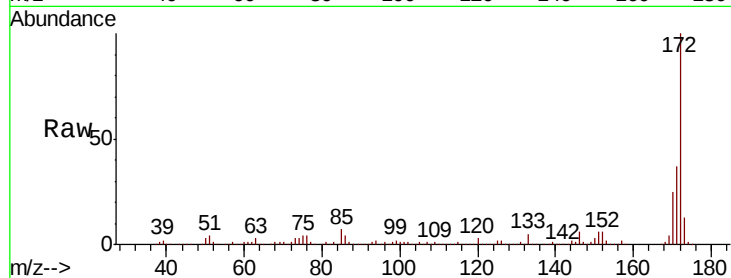




#45
2-Fluorobiphenyl
Concen: 84.199 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF121759.D
Acq: 1 Oct 2020 1:41

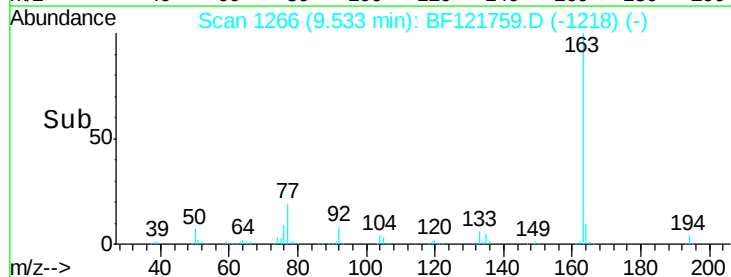
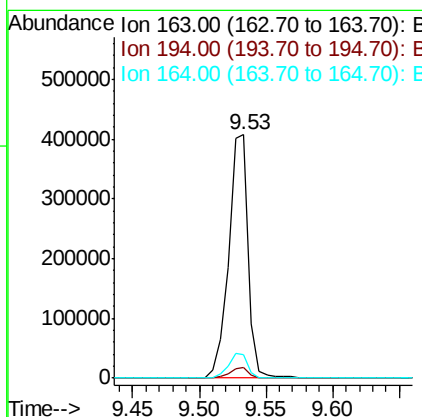
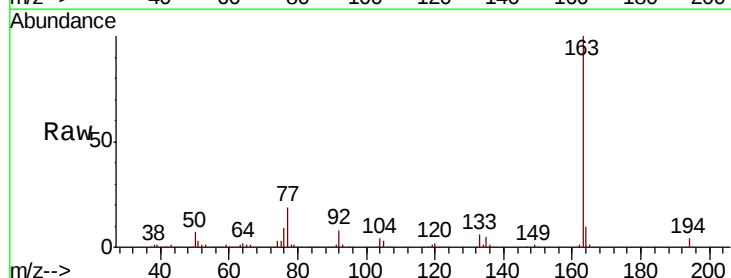
Instrument :
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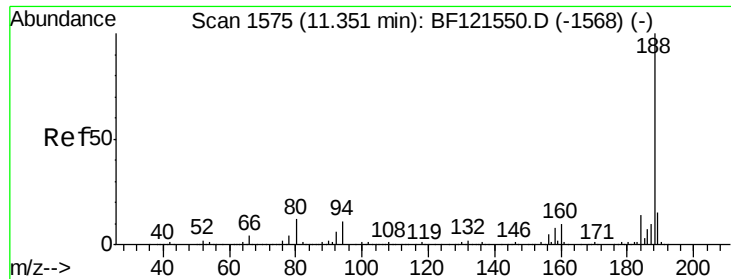
Tot Ion:172 Resp: 1798210
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 24.8 19.7 29.5



#50
Dimethylphthalate
Concen: 18.011 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF121759.D
Acq: 1 Oct 2020 1:41

Tgt Ion:163 Resp: 422232
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.5 8.5 12.7

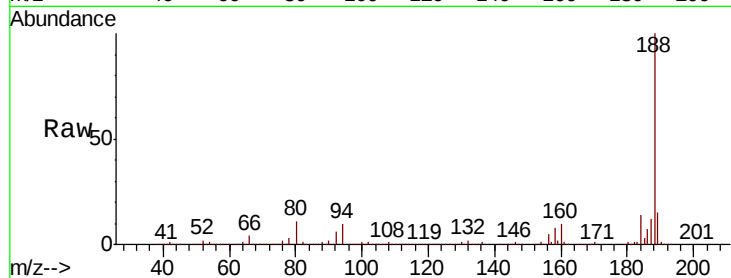




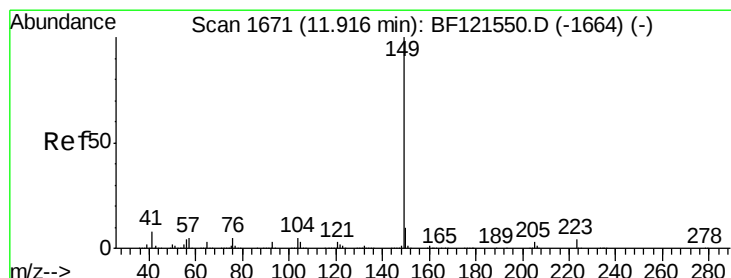
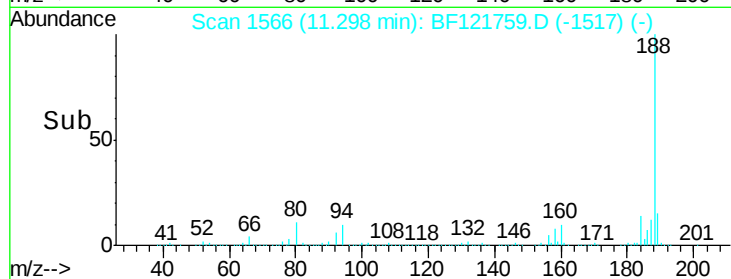
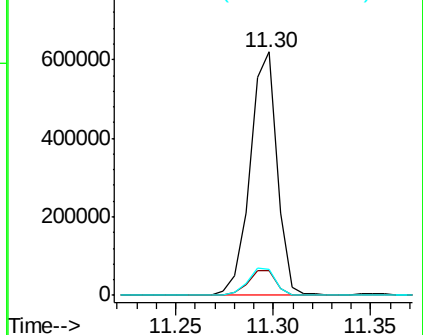
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF121759.D
Acq: 1 Oct 2020 1:41

Instrument :
BNA_F
ClientSampleId :
VNJ-231

Tot Ion:188 Resp: 595596
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.7 8.9 13.3

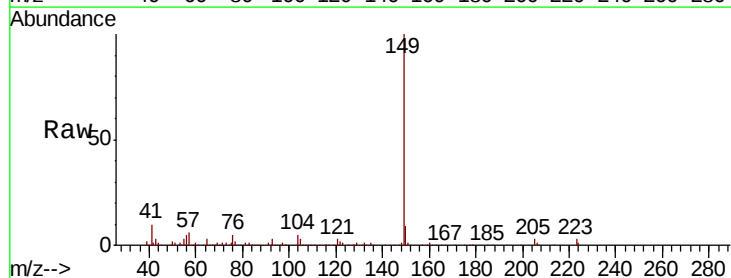


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

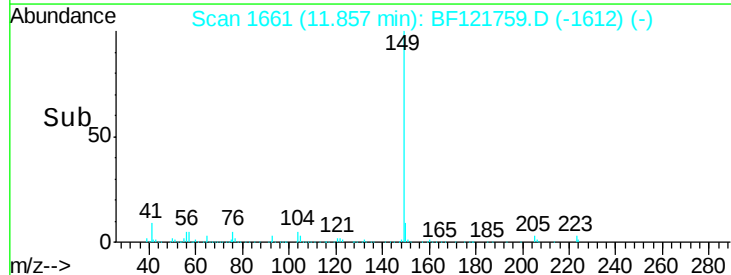
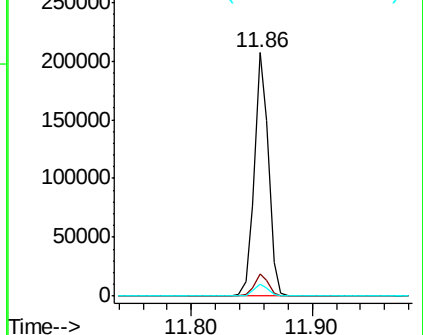


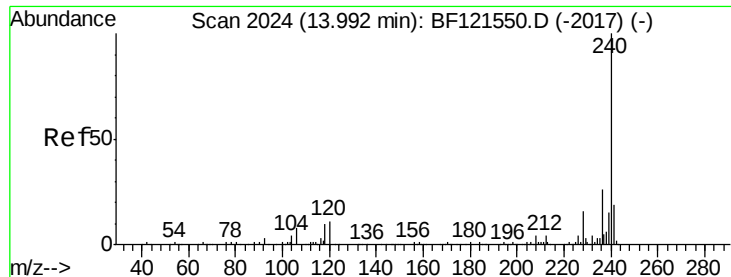
#74
Di-n-butylphthalate
Concen: 4.916 ng
RT: 11.86 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF121759.D
Acq: 1 Oct 2020 1:41

Tgt Ion:149 Resp: 171468
Ion Ratio Lower Upper
149 100
150 9.0 7.6 11.4
104 4.7 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

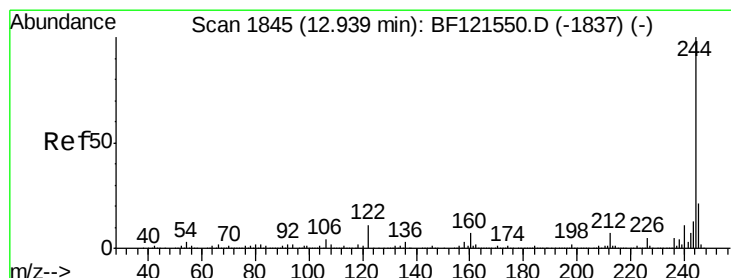
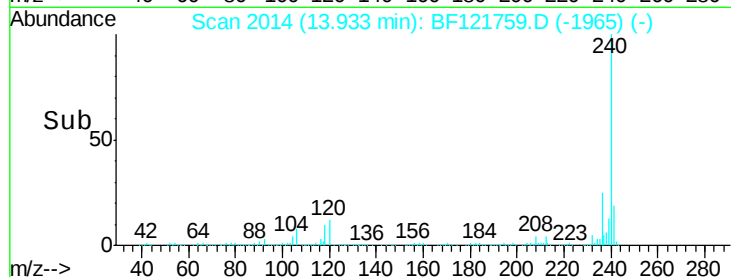
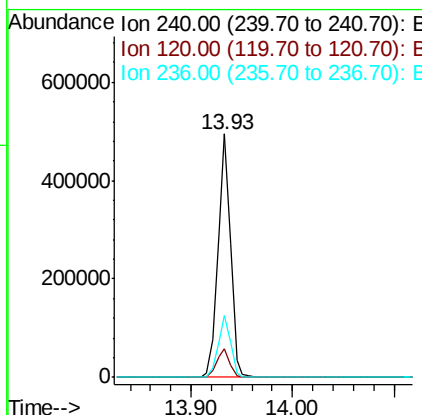
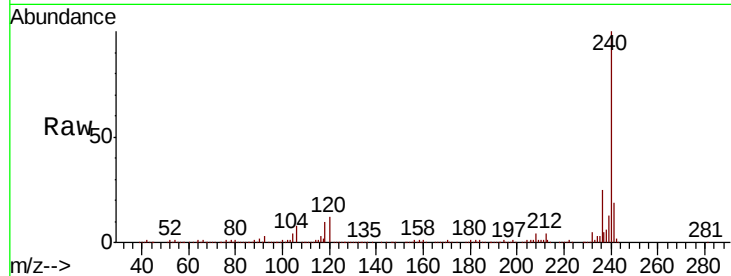




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF121759.D
 Acq: 1 Oct 2020 1:41

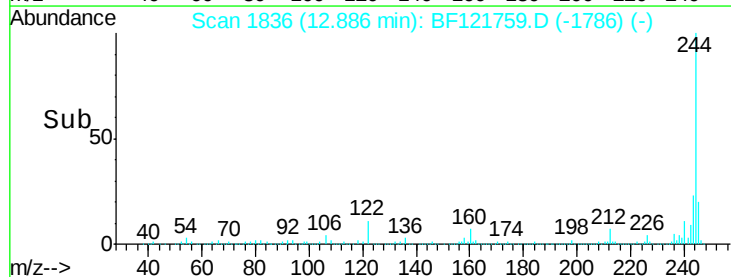
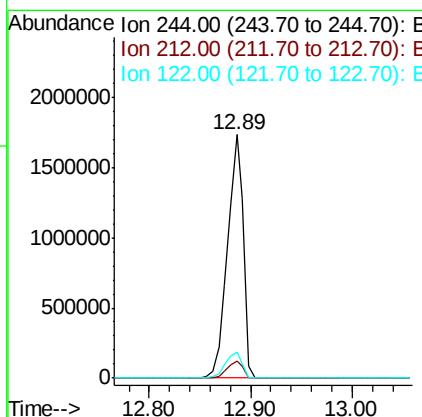
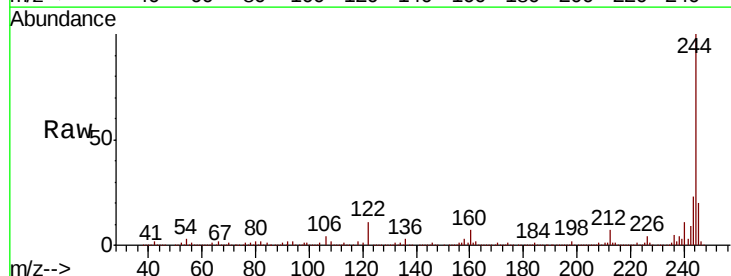
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-231

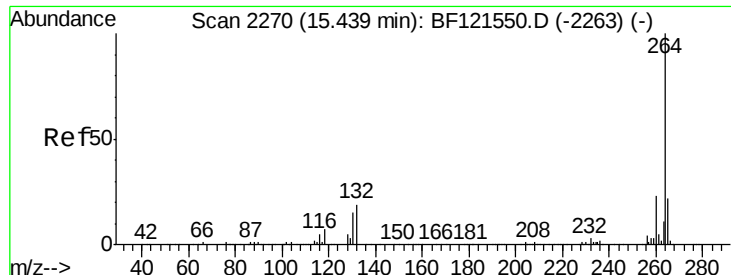
Tot Ion:240 Resp: 424109
 Ion Ratio Lower Upper
 240 100
 120 11.8 10.2 15.4
 236 25.4 20.4 30.6



#79
 Terphenyl-d14
 Concen: 89.576 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF121759.D
 Acq: 1 Oct 2020 1:41

Tgt Ion:244 Resp: 1875211
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.6 9.0 13.4

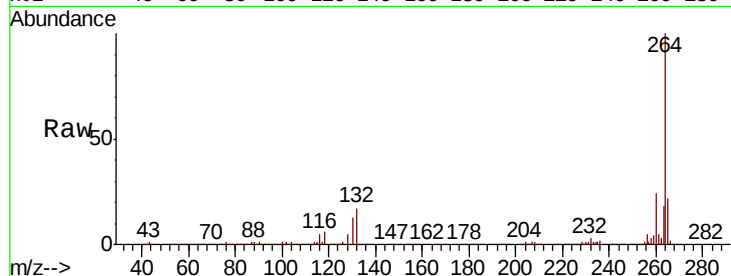




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2259
 Delta R.T. -0.01 min
 Lab File: BF121759.D
 Acq: 1 Oct 2020 1:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-231

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.2	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

