

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
 Data File : BF122154.D
 Acq On : 28 Oct 2020 18:31
 Operator : JU/CG
 Sample : L4527-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206

Quant Time: Oct 29 00:31:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

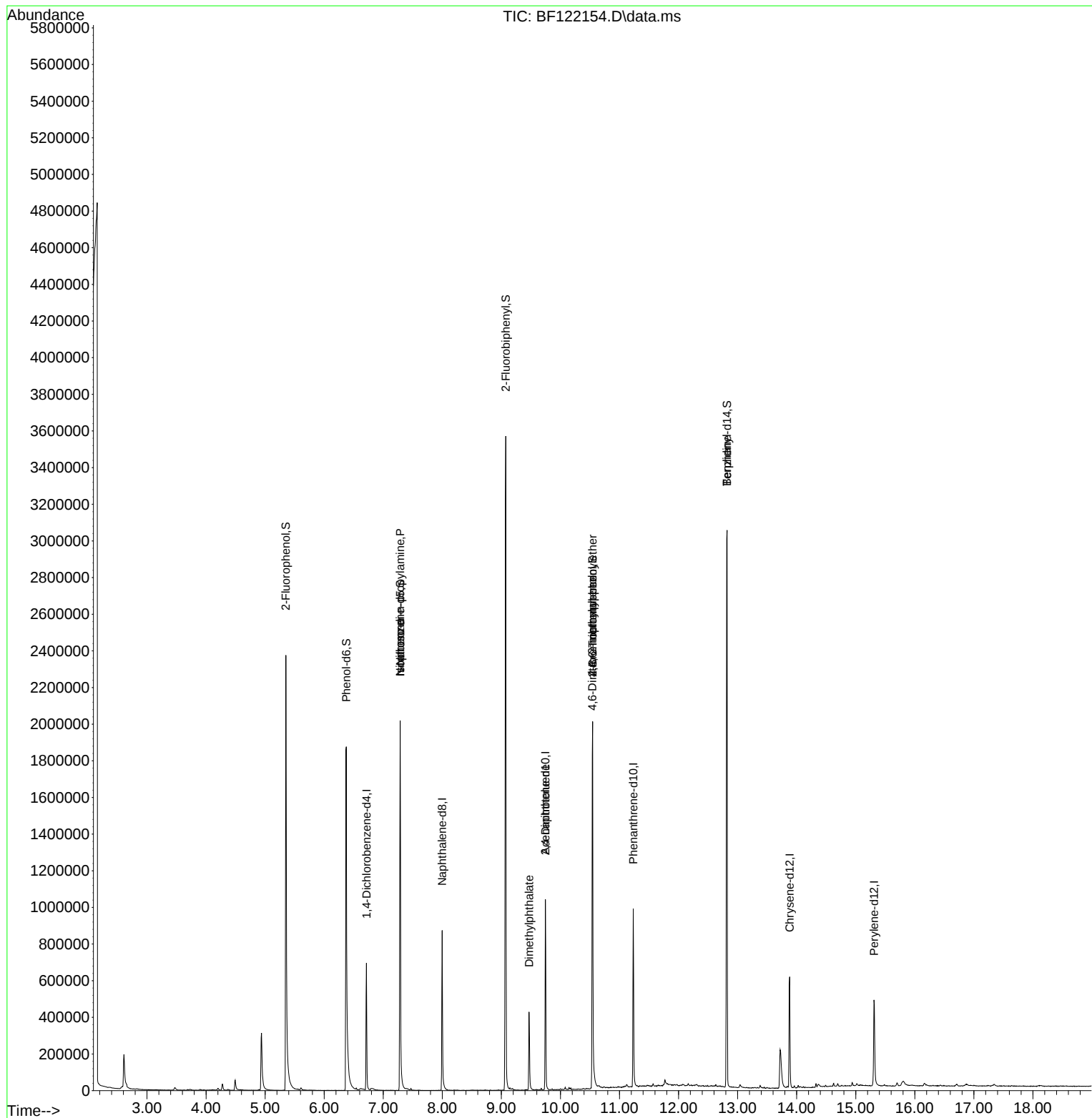
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	101355	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	399759	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	199068	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	352678	20.00	ng	0.00
76) Chrysene-d12	13.880	240	229651	20.00	ng	0.00
86) Perylene-d12	15.309	264	239662	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	763153	111.13	ng	0.02
7) Phenol-d6	6.375	99	881900	99.76	ng	0.00
23) Nitrobenzene-d5	7.286	82	705966	90.57	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	300819	122.16	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	1195363	88.35	ng	0.00
79) Terphenyl-d14	12.821	244	1038282	86.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.369	77	1204	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.286	70	97656	19.40	ng	# 78
25) Isophorone	7.286	82	705962	47.90	ng	# 67
50) Dimethylphthalate	9.469	163	178986	12.30	ng	99
57) 2,4-Dinitrotoluene	9.745	165	25174	6.40	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.539	198	398	4.59	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	17874	4.39	ng	# 1
77) Benzidine	12.821	184	14783	2.09	ng	# 90

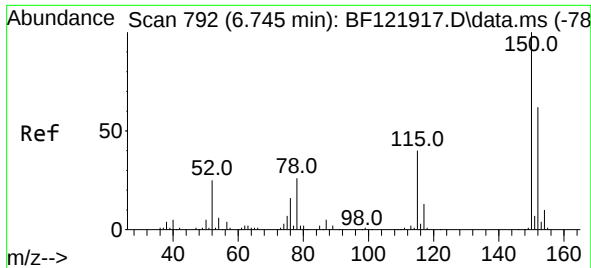
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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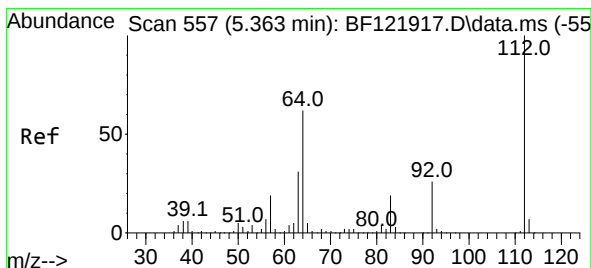
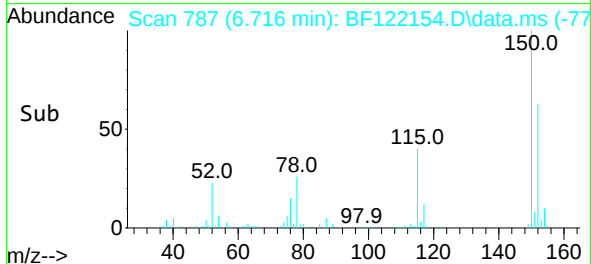
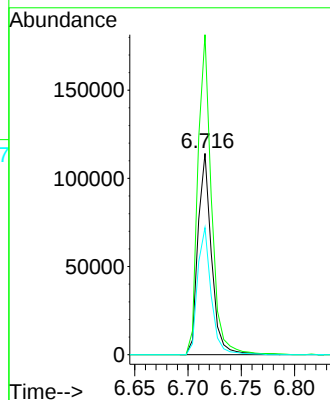
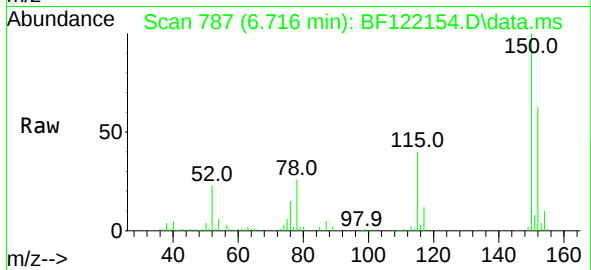




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

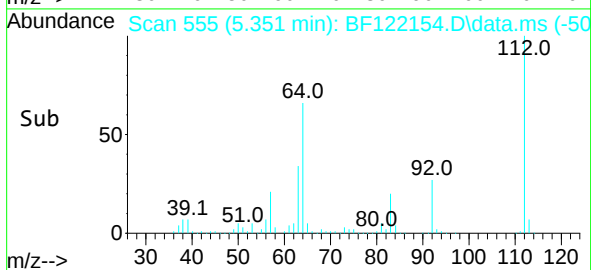
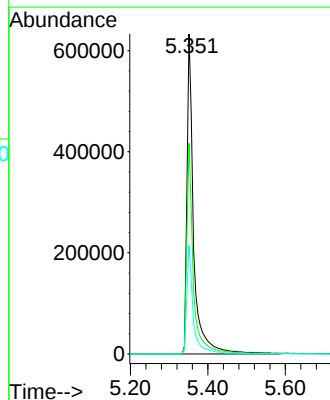
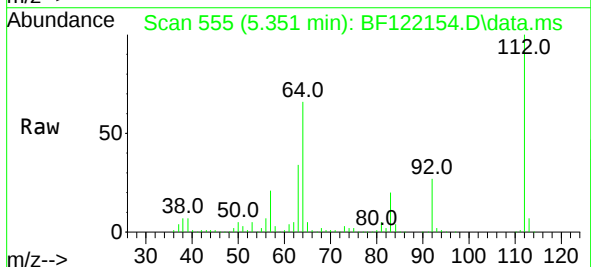
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ClientSampleId :
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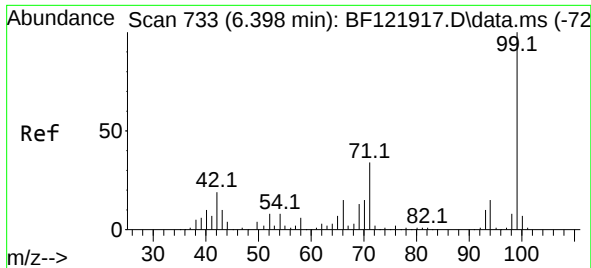
Tgt Ion:152 Resp: 101355
Ion Ratio Lower Upper
152 100
150 158.9 125.3 187.9
115 63.1 51.9 77.9



#5
2-Fluorophenol
Concen: 111.13 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

Tgt Ion:112 Resp: 763153
Ion Ratio Lower Upper
112 100
64 65.9 50.4 75.6
63 34.0 25.8 38.6

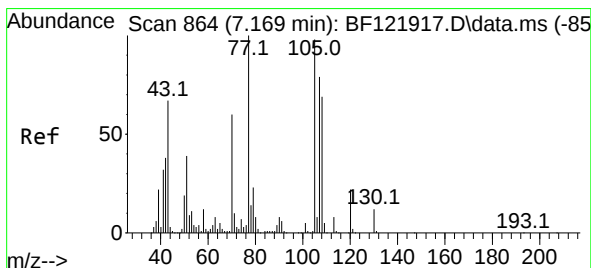
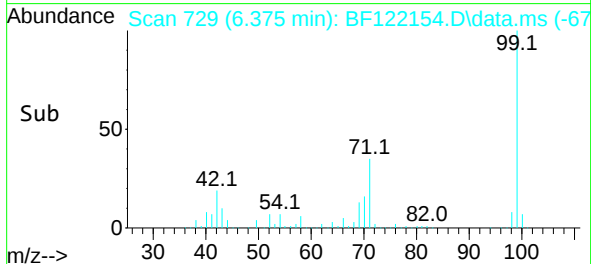
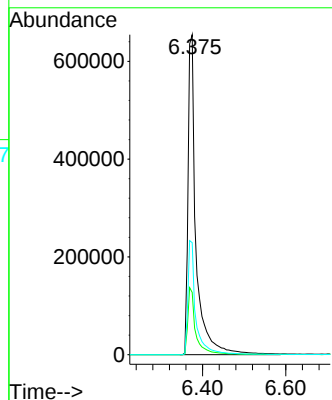
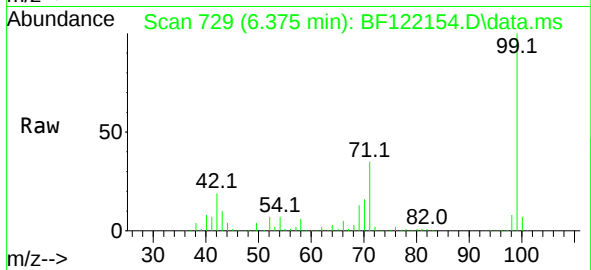




#7
Phenol-d6
Concen: 99.76 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

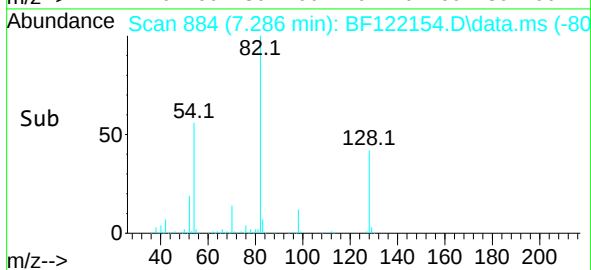
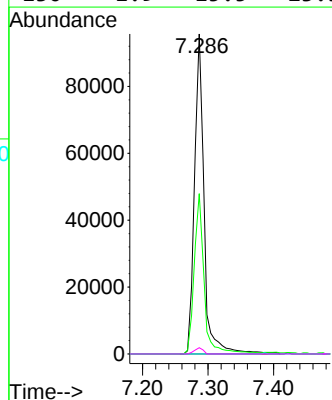
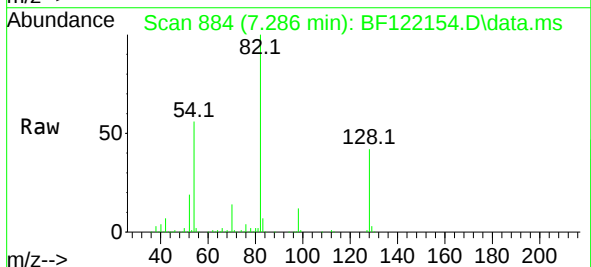
Instrument :
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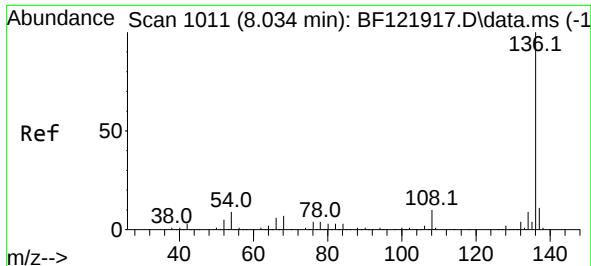
Tgt Ion: 99 Resp: 881900
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.0 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.40 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

Tgt Ion: 70 Resp: 97656
Ion Ratio Lower Upper
70 100
42 50.1 50.2 75.4#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



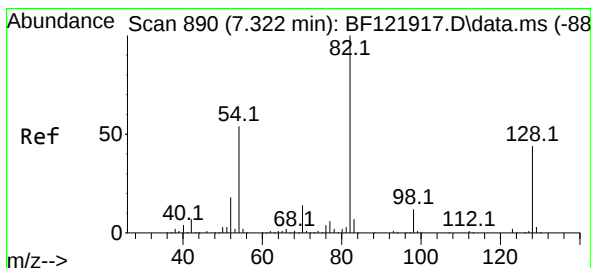
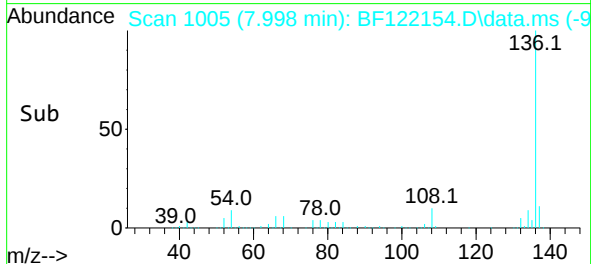
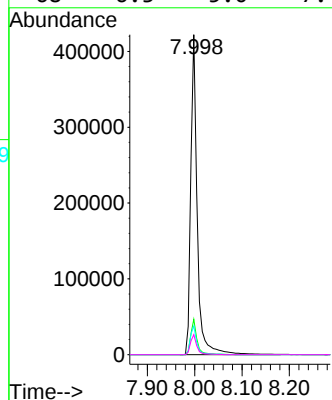
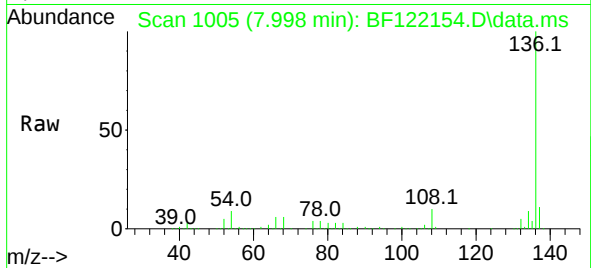


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

Instrument :
BNA_F
ClientSampleId :
VNJ-206

Tgt Ion:136 Resp: 399759

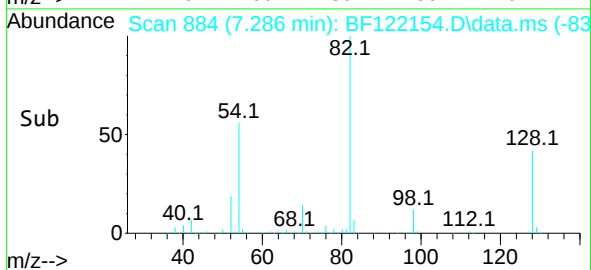
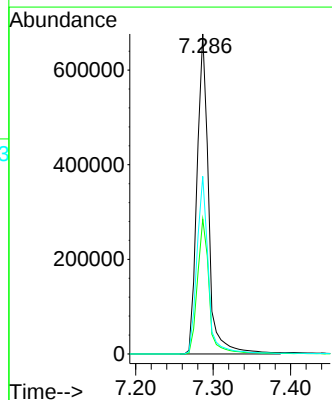
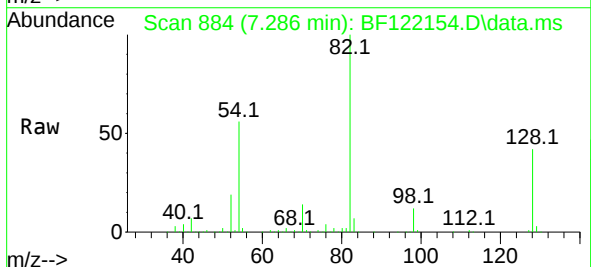
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.0	7.1	10.7
68	6.3	5.0	7.4

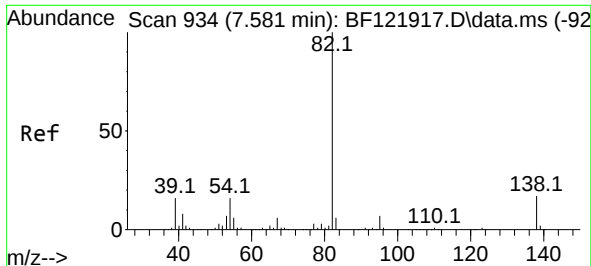


#23
Nitrobenzene-d5
Concen: 90.57 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

Tgt Ion: 82 Resp: 705966

Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.0	52.4
54	55.5	43.9	65.9

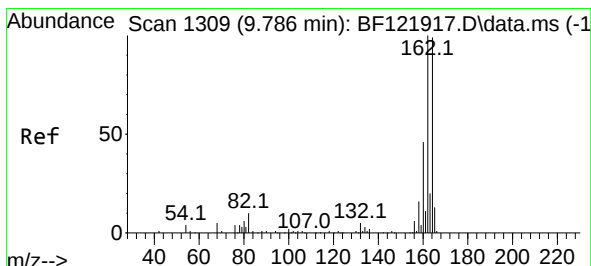
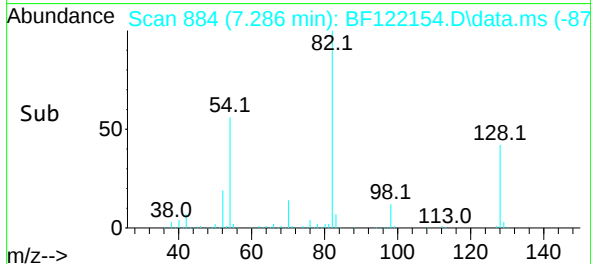
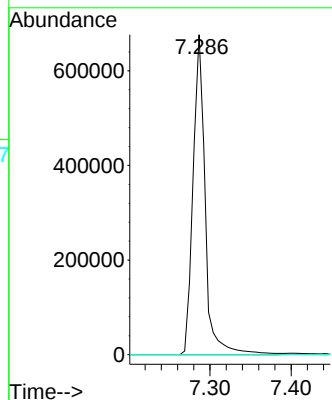
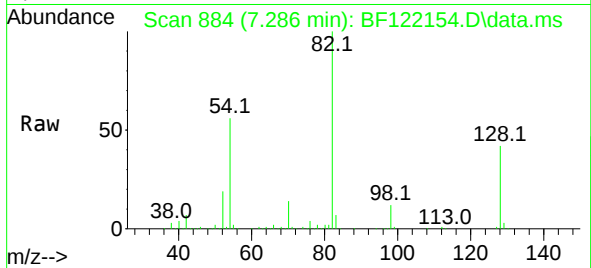




#25
Isophorone
Concen: 47.90 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

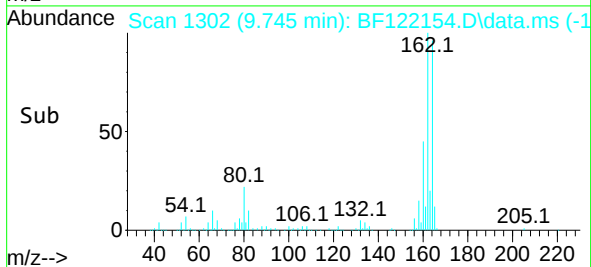
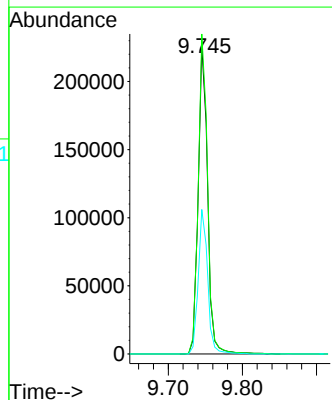
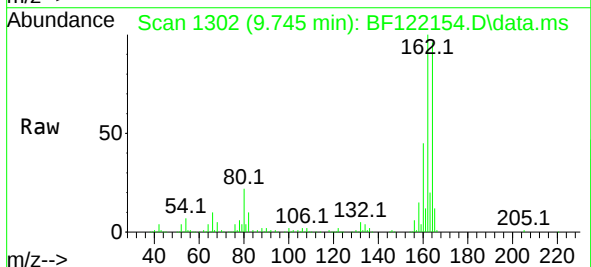
Instrument :
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ClientSampleId :
VNJ-206

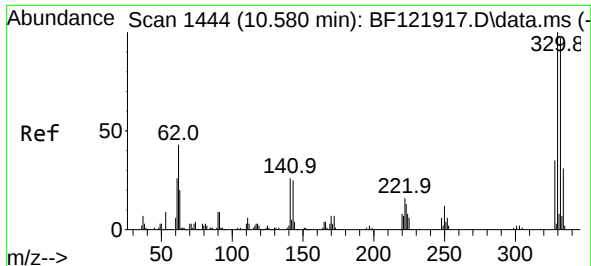
Tgt Ion: 82 Resp: 705962
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

Tgt Ion:164 Resp: 199068
Ion Ratio Lower Upper
164 100
162 103.8 83.2 124.8
160 46.9 37.5 56.3

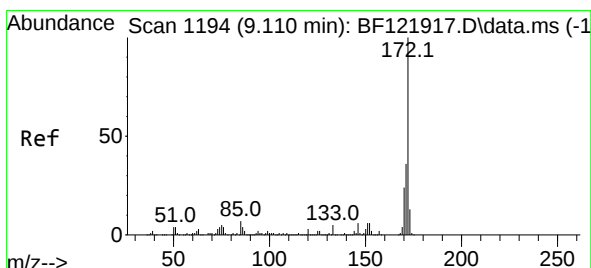
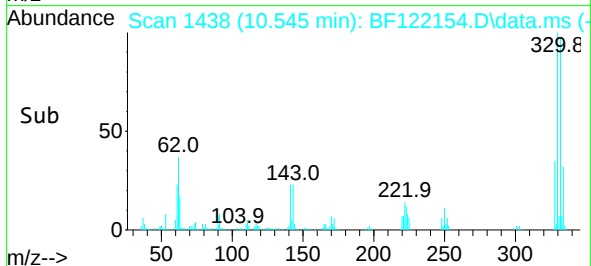
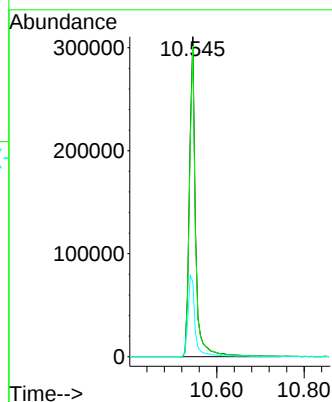
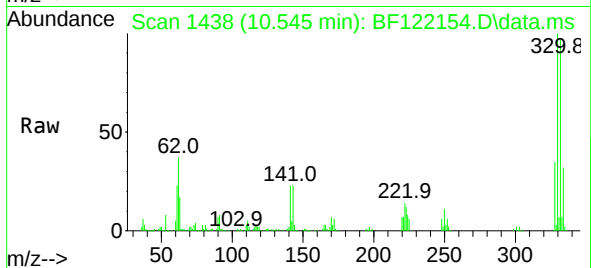




#42
2,4,6-Tribromophenol
Concen: 122.16 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

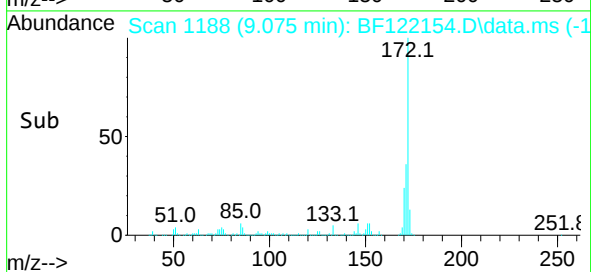
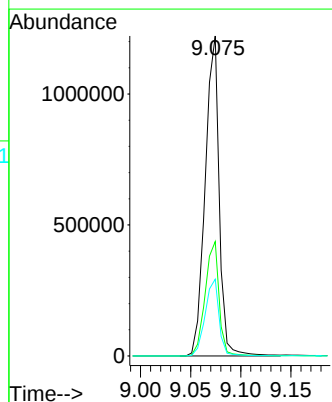
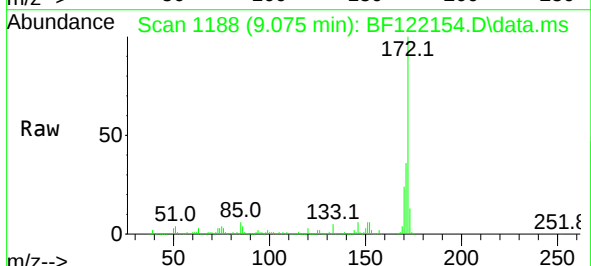
Instrument :
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VNJ-206

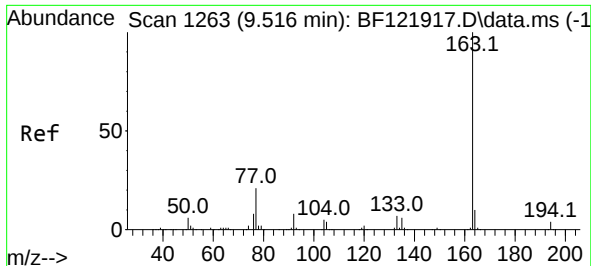
Tgt Ion: 330 Resp: 300819
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 29.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 88.35 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

Tgt Ion: 172 Resp: 1195363
Ion Ratio Lower Upper
172 100
171 35.7 29.1 43.7
170 24.0 19.8 29.6

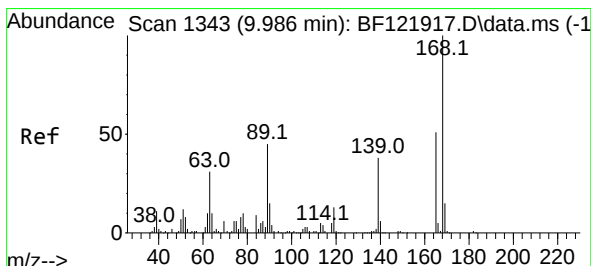
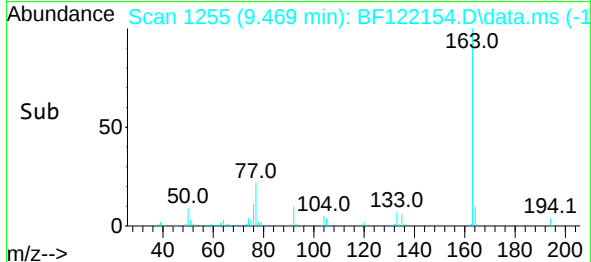
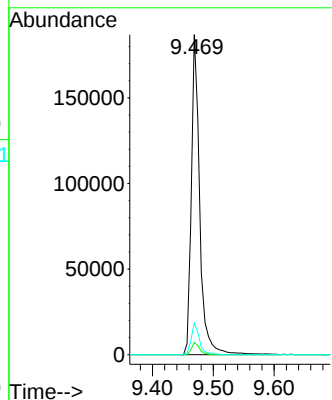
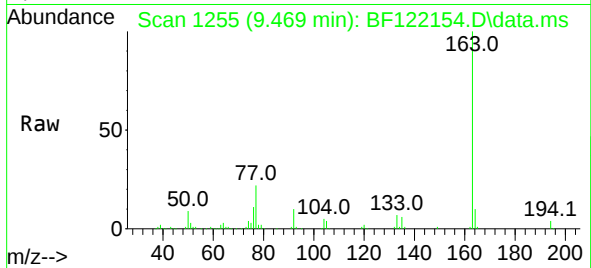




#50
Dimethylphthalate
Concen: 12.30 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

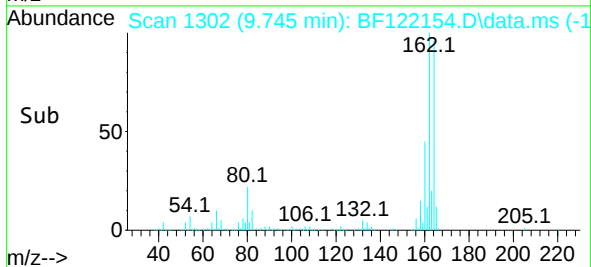
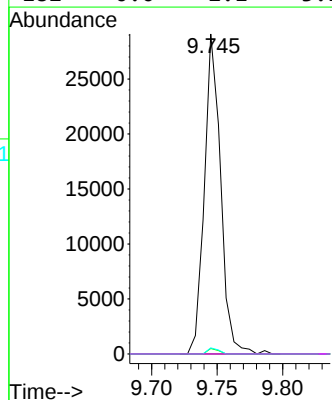
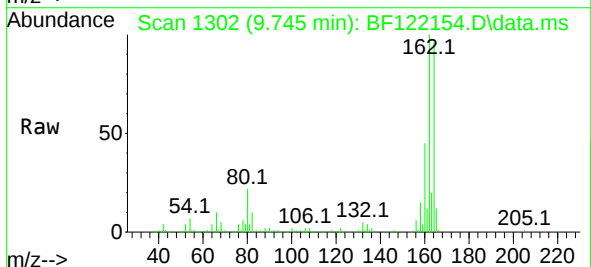
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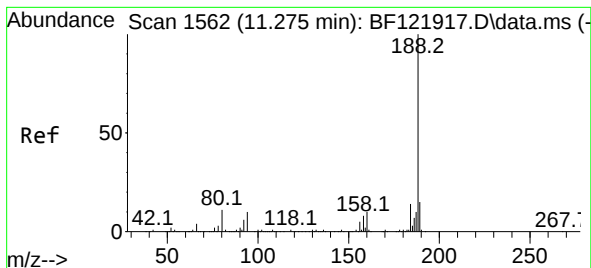
Tgt Ion:163 Resp: 178986
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

Tgt Ion:165 Resp: 25174
Ion Ratio Lower Upper
165 100
63 1.7 41.3 61.9#
89 1.9 61.8 92.8#
182 0.0 2.1 3.1#

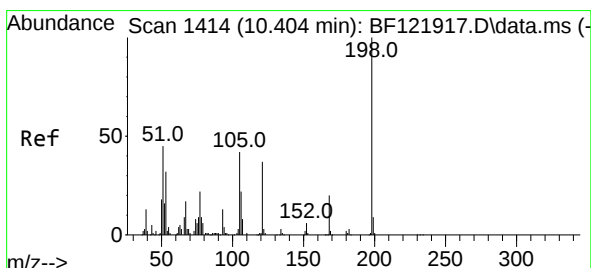
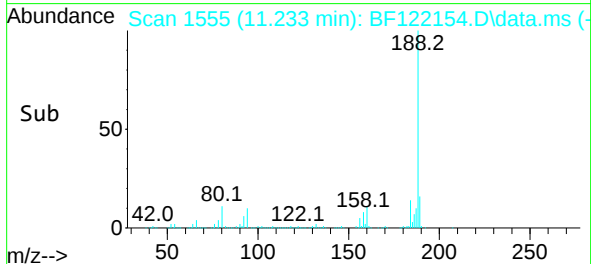
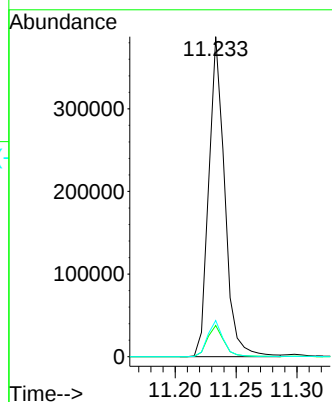
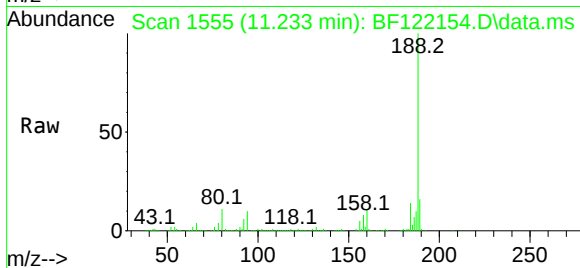




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

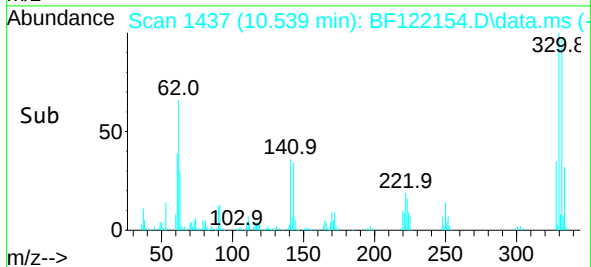
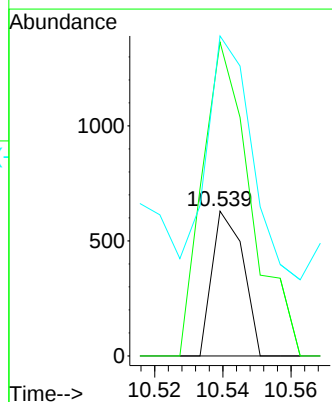
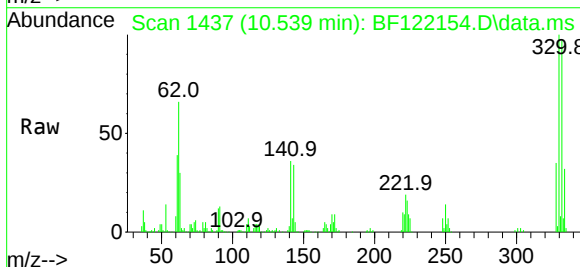
Instrument :
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ClientSampleId :
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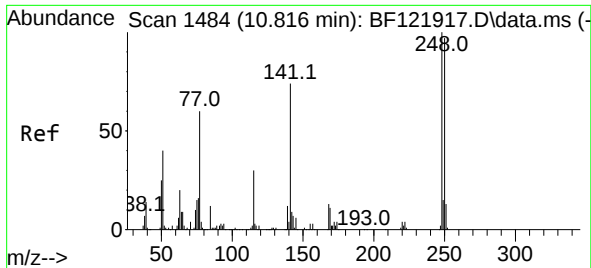
Tgt Ion:188 Resp: 352678
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 11.3 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.59 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

Tgt Ion:198 Resp: 398
Ion Ratio Lower Upper
198 100
51 216.9 29.6 69.6#
105 221.1 24.4 64.4#

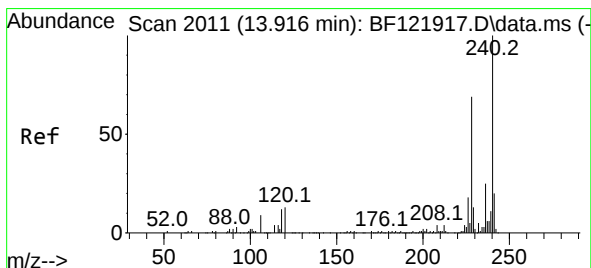
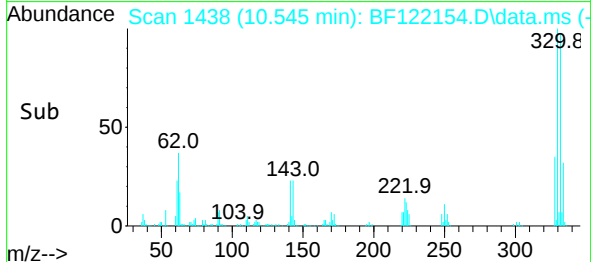
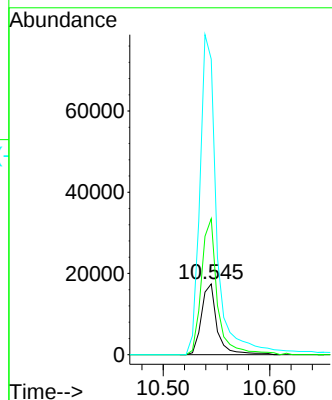
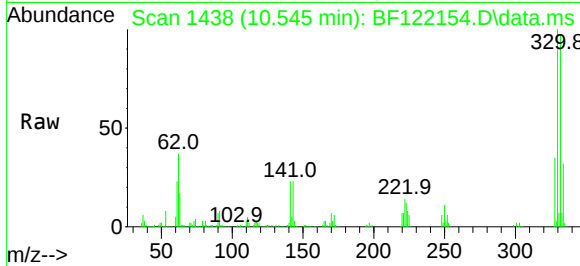




#67
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.230 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

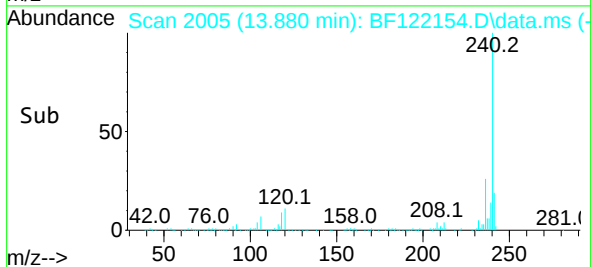
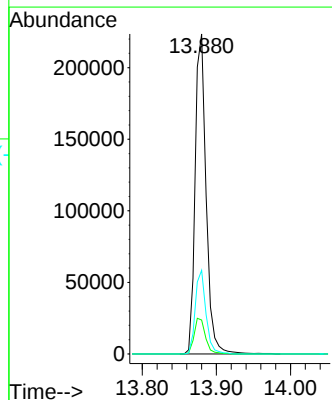
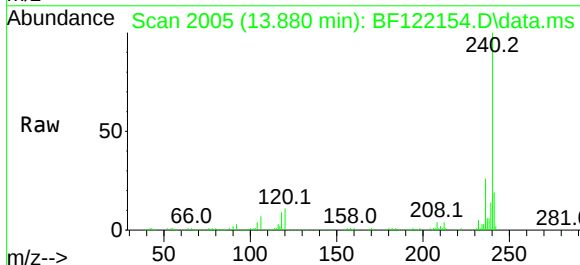
Instrument :
BNA_F
ClientSampled :
VNJ-206

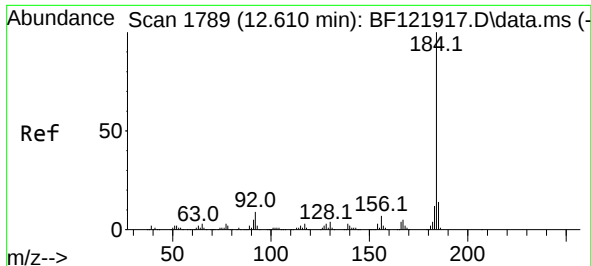
Tgt Ion:248 Resp: 17874
Ion Ratio Lower Upper
248 100
250 192.2 77.0 115.6#
141 417.4 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

Tgt Ion:240 Resp: 229651
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 26.1 20.9 31.3

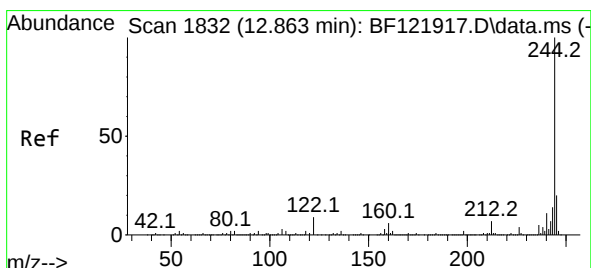
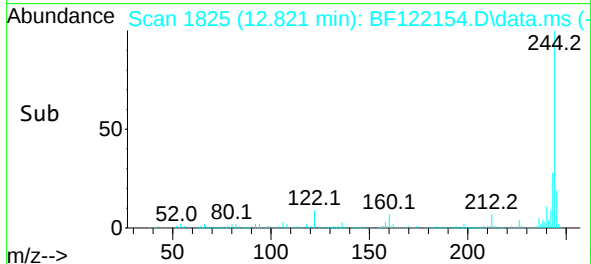
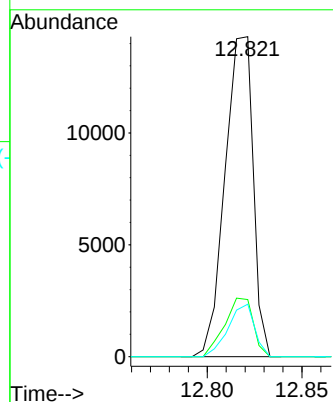
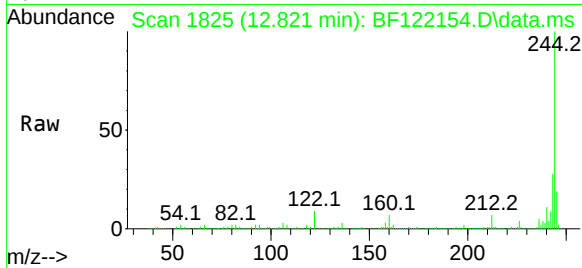




#77
Benzidine
Concen: 2.09 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

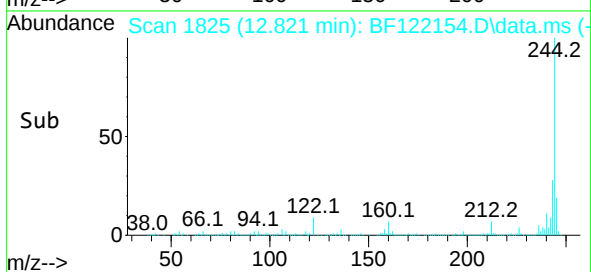
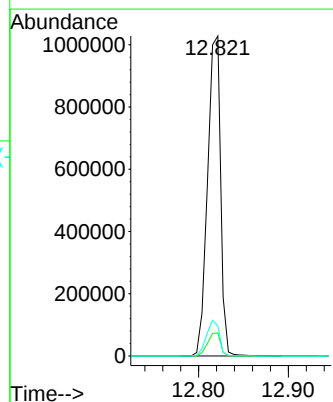
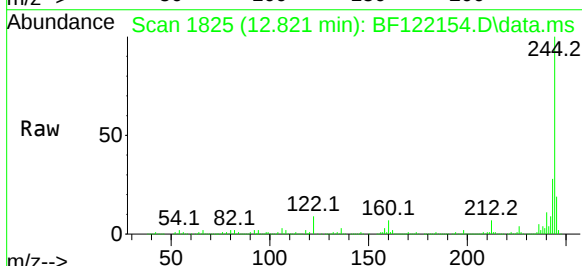
Instrument :
BNA_F
ClientSampleId :
VNJ-206

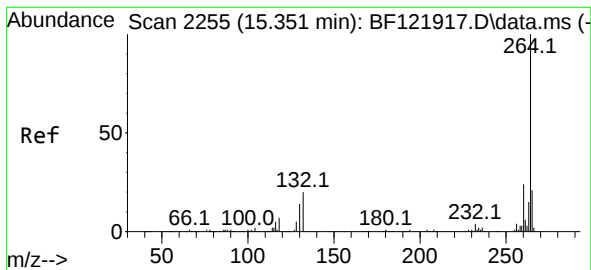
Tgt Ion:184 Resp: 14783
Ion Ratio Lower Upper
184 100
185 17.9 11.6 17.4#
183 16.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 86.16 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

Tgt Ion:244 Resp: 1038282
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.4 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.309 min Scan# 2248
Delta R.T. 0.006 min
Lab File: BF122154.D
Acq: 28 Oct 2020 18:31

Instrument :
BNA_F
ClientSampleId :
VNJ-206

Tgt Ion:264 Resp: 239662

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.9	17.3	25.9

