

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
 Data File : BF122163.D
 Acq On : 29 Oct 2020 12:43
 Operator : JU/CG
 Sample : L4526-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225

Quant Time: Oct 29 13:38:03 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)

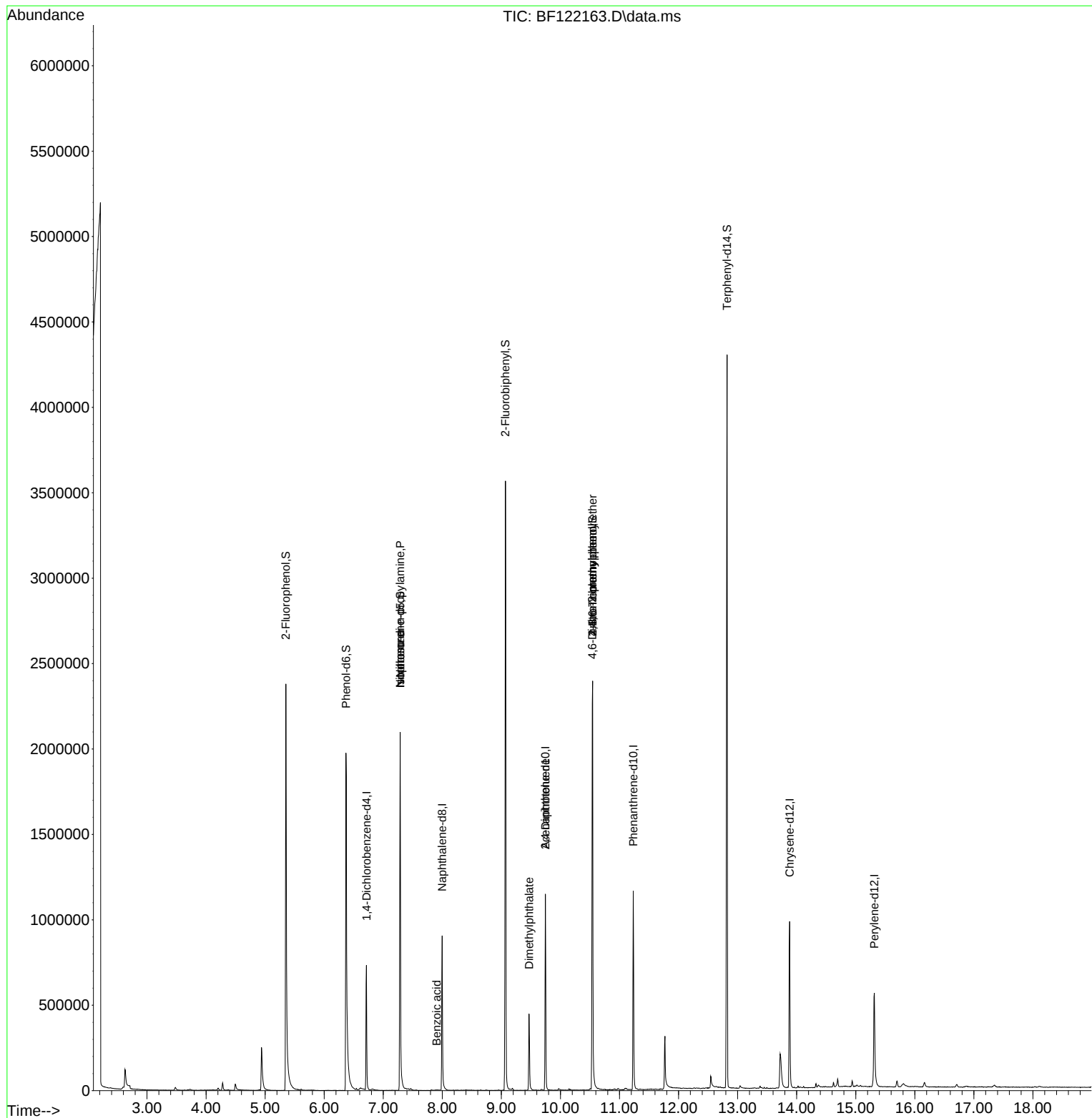
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	110513	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	433326	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	225619	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	428247	20.00	ng	0.00
76) Chrysene-d12	13.880	240	358845	20.00	ng	0.00
86) Perylene-d12	15.315	264	304895	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	782180	104.46	ng	0.02
7) Phenol-d6	6.369	99	911847	94.60	ng	0.00
23) Nitrobenzene-d5	7.286	82	704984	83.44	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	365277	130.88	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1190740	77.65	ng	0.00
79) Terphenyl-d14	12.821	244	1364206	72.45	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1221	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.286	70	95964	17.49	ng	# 79
25) Isophorone	7.286	82	704981	44.13	ng	# 67
32) Benzoic acid	7.904	122	1348	7.96	ng	93
50) Dimethylphthalate	9.469	163	185979	11.27	ng	100
57) 2,4-Dinitrotoluene	9.745	165	29071	6.53	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	621	4.63	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	21040	4.25	ng	# 1

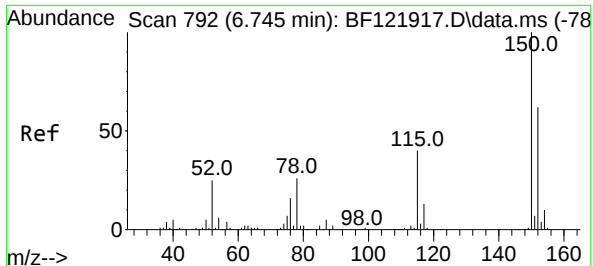
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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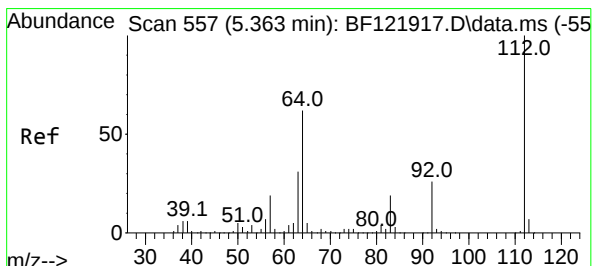
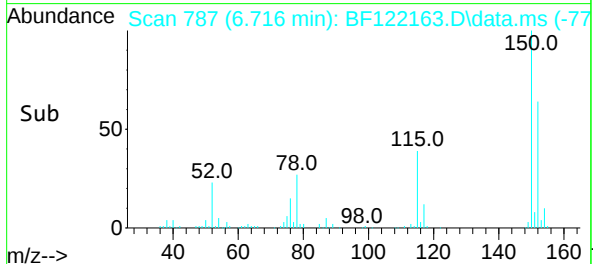
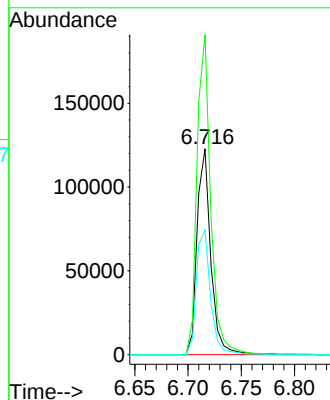
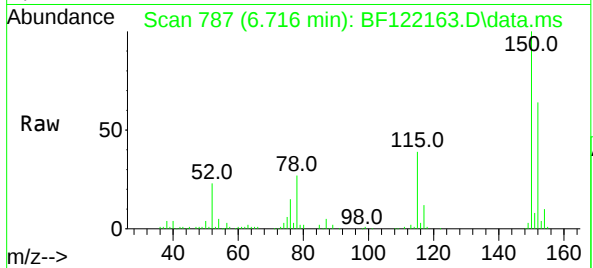




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.716 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: BF122163.D
 Acq: 29 Oct 2020 12:43

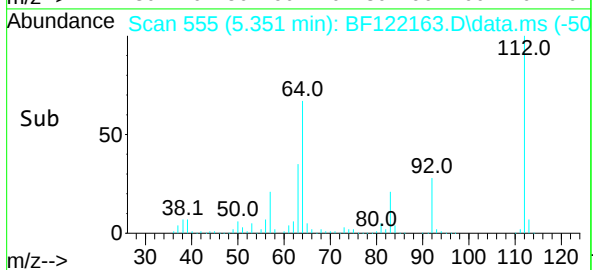
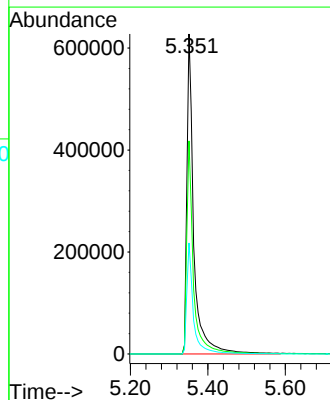
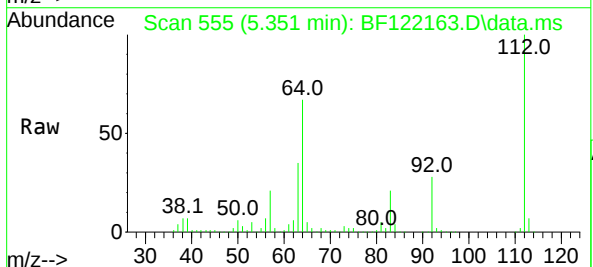
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 ClientSampleId :
 VNJ-225

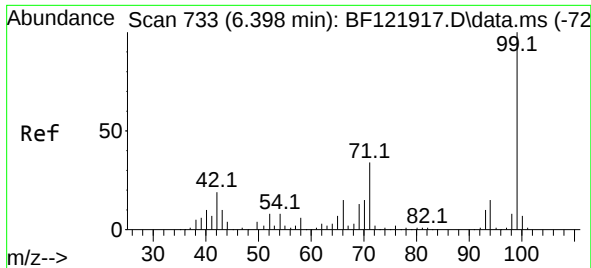
Tgt Ion:152 Resp: 110513
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.3 187.9
 115 60.6 51.9 77.9



#5
 2-Fluorophenol
 Concen: 104.46 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.017 min
 Lab File: BF122163.D
 Acq: 29 Oct 2020 12:43

Tgt Ion:112 Resp: 782180
 Ion Ratio Lower Upper
 112 100
 64 66.6 50.4 75.6
 63 34.7 25.8 38.6

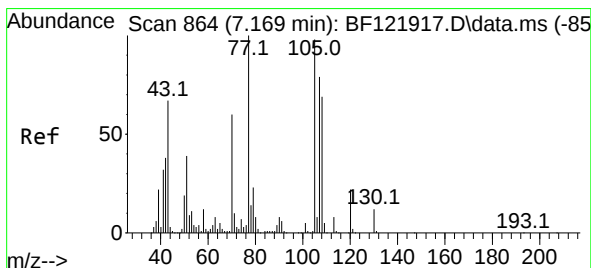
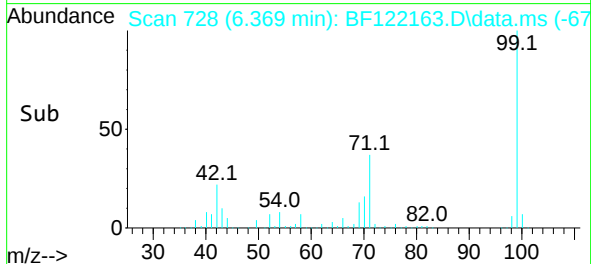
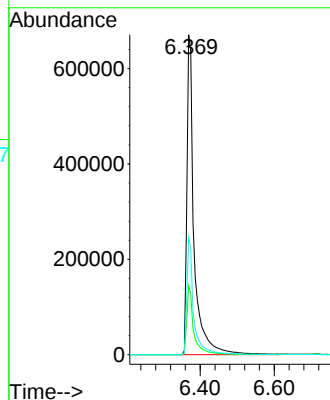
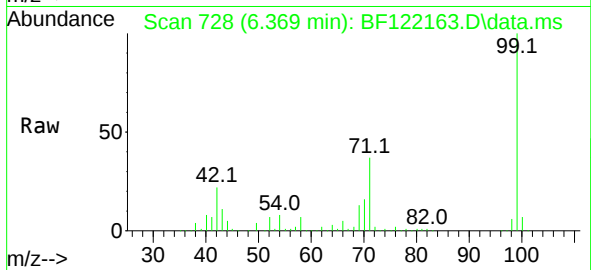




#7
Phenol-d6
Concen: 94.60 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122163.D
Acq: 29 Oct 2020 12:43

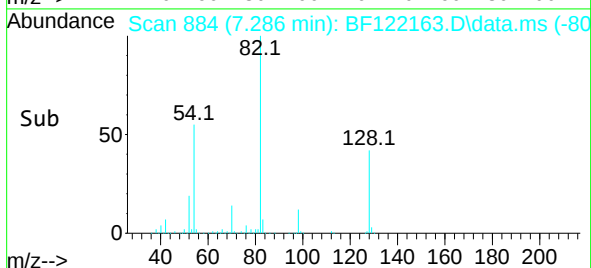
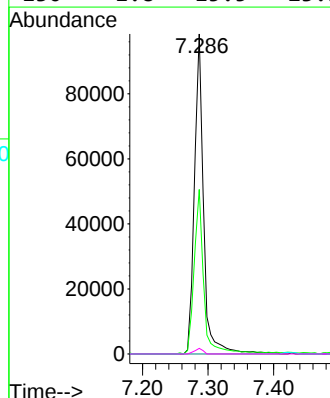
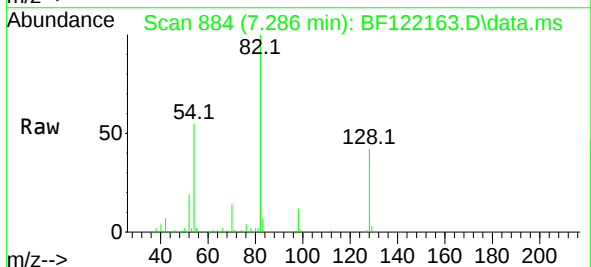
Instrument :
BNA_F
ClientSampleId :
VNJ-225

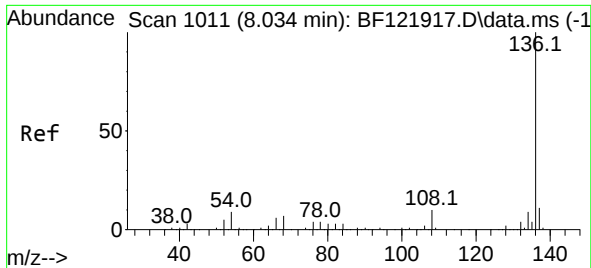
Tgt Ion: 99 Resp: 911847
Ion Ratio Lower Upper
99 100
42 21.6 15.9 23.9
71 36.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.49 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122163.D
Acq: 29 Oct 2020 12:43

Tgt Ion: 70 Resp: 95964
Ion Ratio Lower Upper
70 100
42 51.4 50.2 75.4
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#



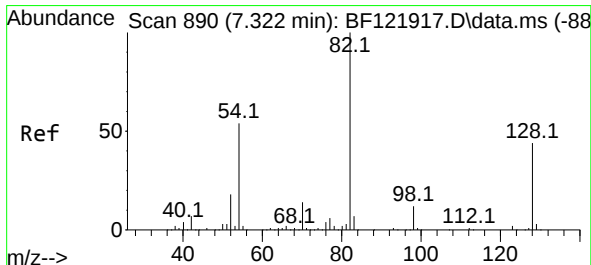
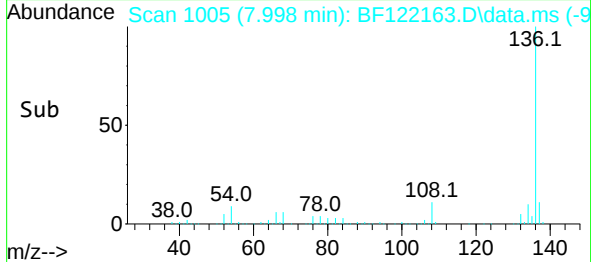
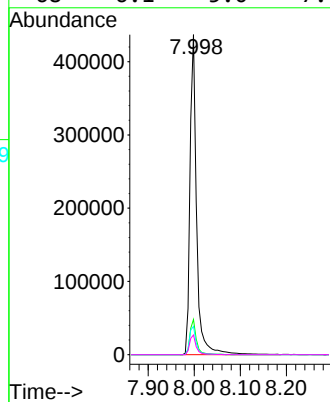
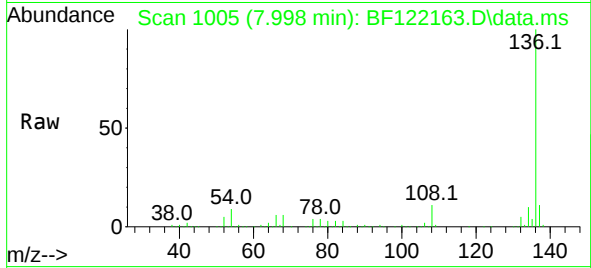


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122163.D
Acq: 29 Oct 2020 12:43

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Tgt Ion:136 Resp: 433326

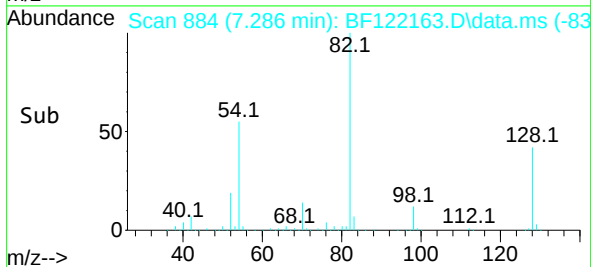
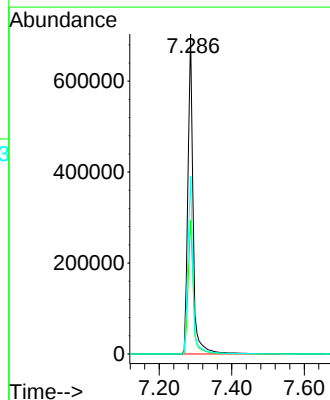
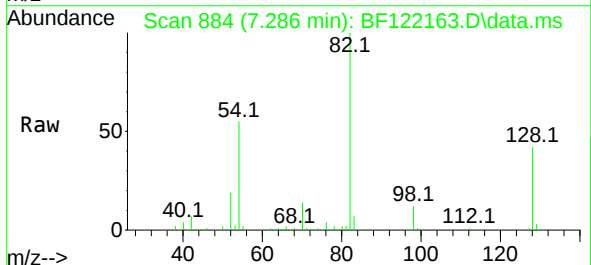
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.9	7.1	10.7
68	6.1	5.0	7.4

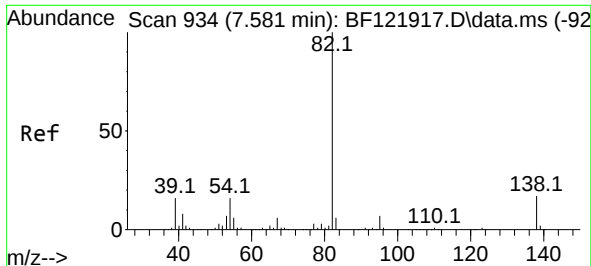


#23
Nitrobenzene-d5
Concen: 83.44 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF122163.D
Acq: 29 Oct 2020 12:43

Tgt Ion: 82 Resp: 704984

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.0	52.4
54	55.5	43.9	65.9

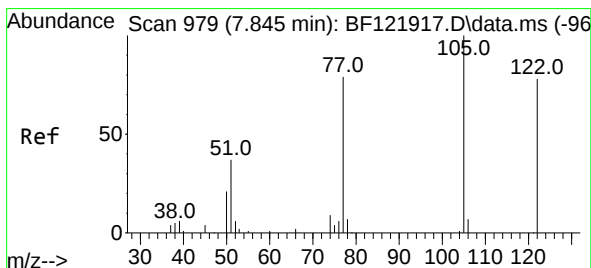
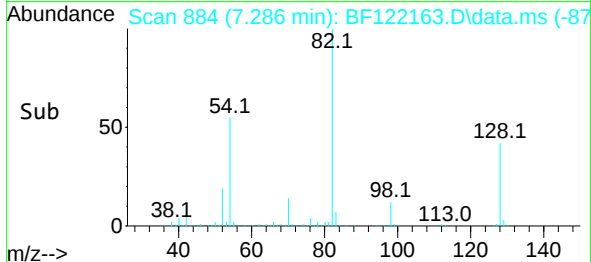
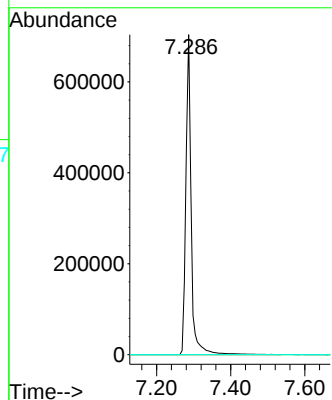
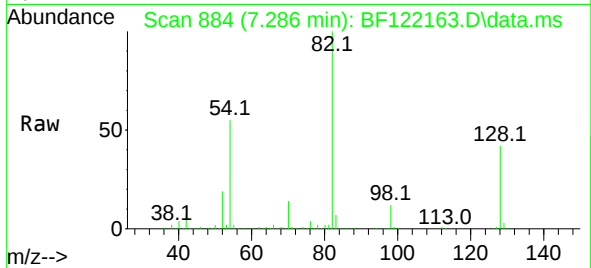




#25
Isophorone
Concen: 44.13 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF122163.D
Acq: 29 Oct 2020 12:43

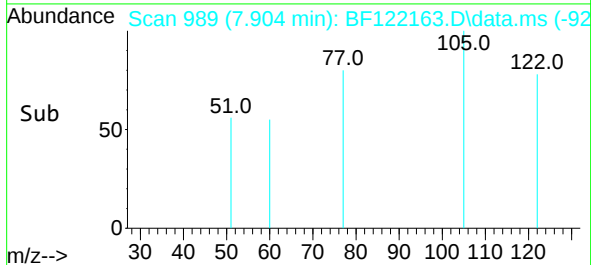
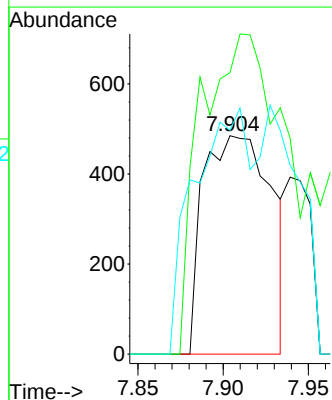
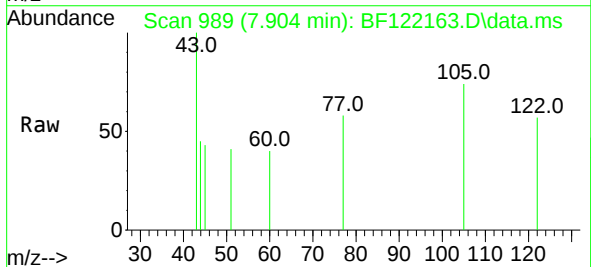
Instrument :
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ClientSampleId :
VNJ-225

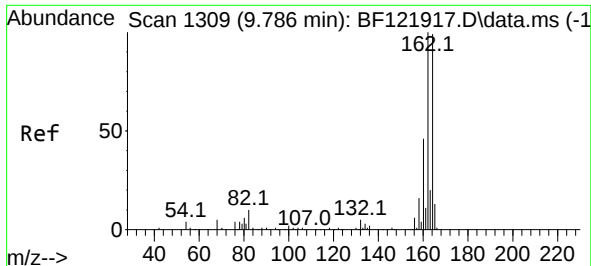
Tgt Ion: 82 Resp: 704981
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.96 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.076 min
Lab File: BF122163.D
Acq: 29 Oct 2020 12:43

Tgt Ion: 122 Resp: 1348
Ion Ratio Lower Upper
122 100
105 128.9 103.3 143.3
77 102.5 73.9 113.9

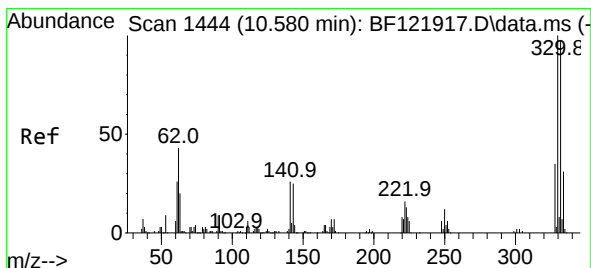
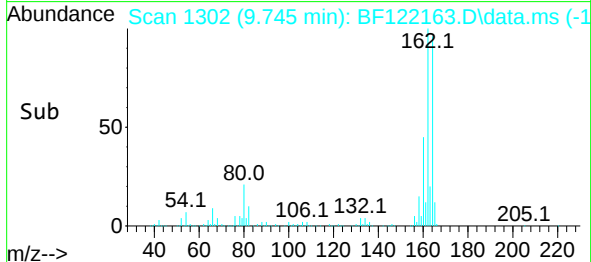
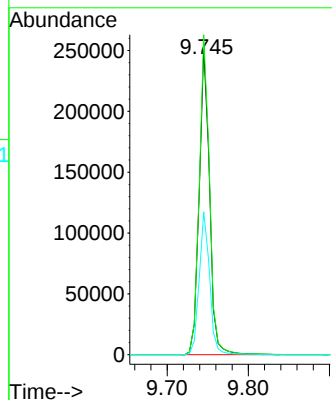
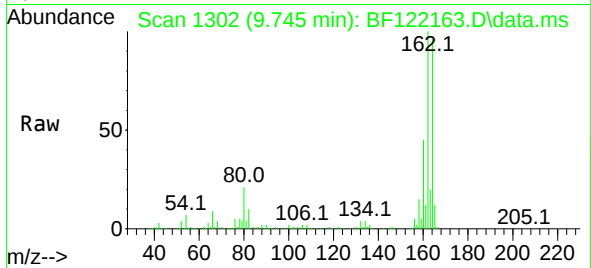




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122163.D
Acq: 29 Oct 2020 12:43

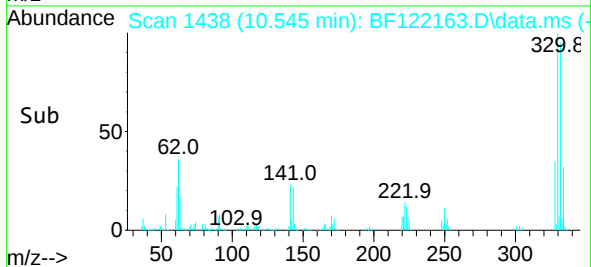
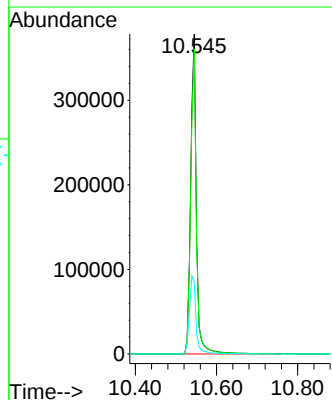
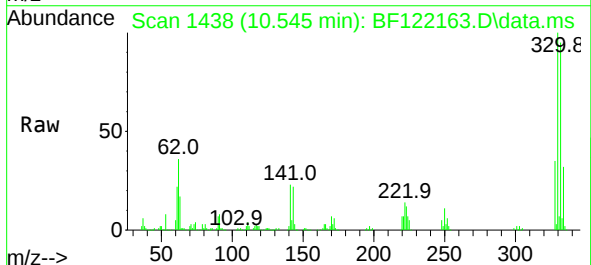
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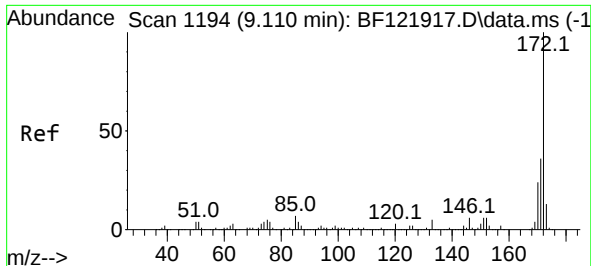
Tgt Ion:164 Resp: 225619
Ion Ratio Lower Upper
164 100
162 104.4 83.2 124.8
160 46.6 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 130.88 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122163.D
Acq: 29 Oct 2020 12:43

Tgt Ion:330 Resp: 365277
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 28.3 22.3 33.5

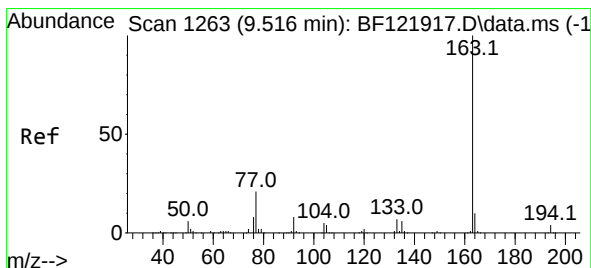
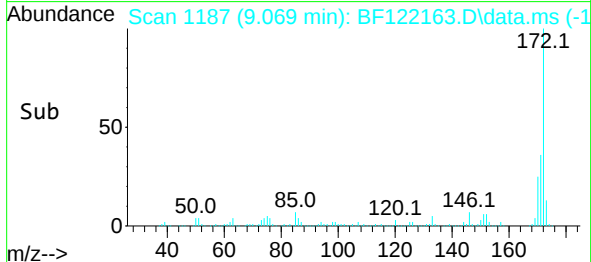
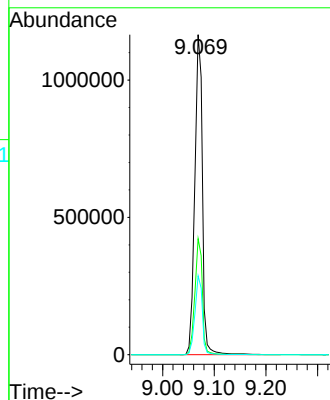
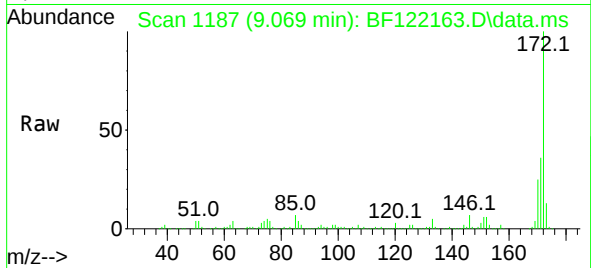




#45
2-Fluorobiphenyl
Concen: 77.65 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122163.D
Acq: 29 Oct 2020 12:43

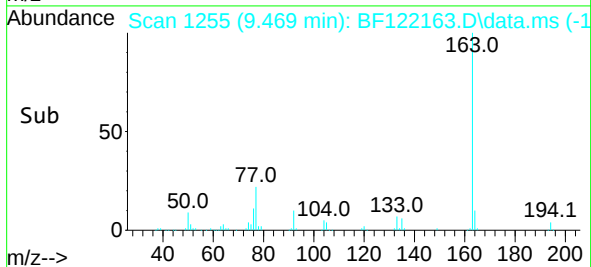
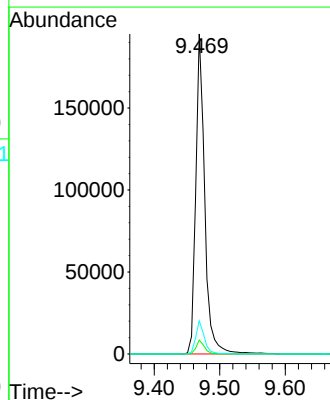
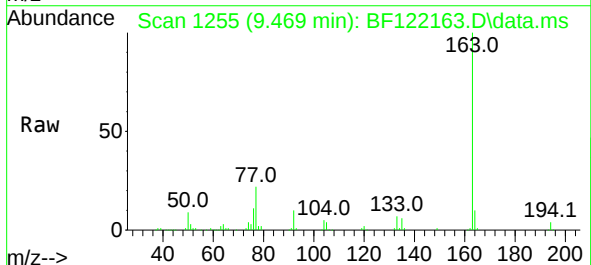
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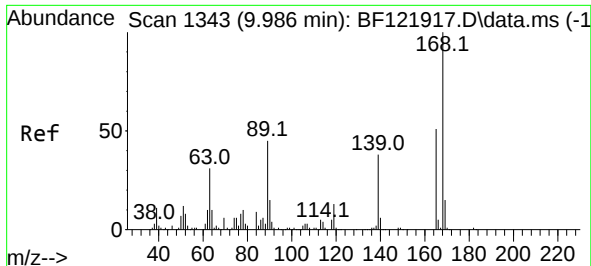
Tgt Ion:172 Resp: 1190740
Ion Ratio Lower Upper
172 100
171 36.3 29.1 43.7
170 24.7 19.8 29.6



#50
Dimethylphthalate
Concen: 11.27 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122163.D
Acq: 29 Oct 2020 12:43

Tgt Ion:163 Resp: 185979
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.4 8.2 12.4

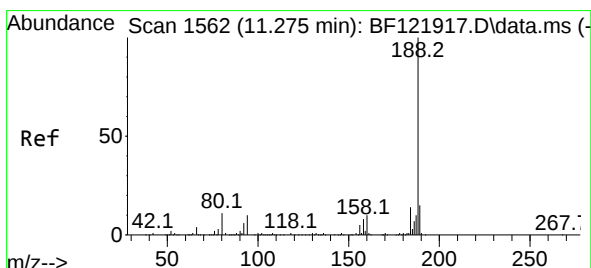
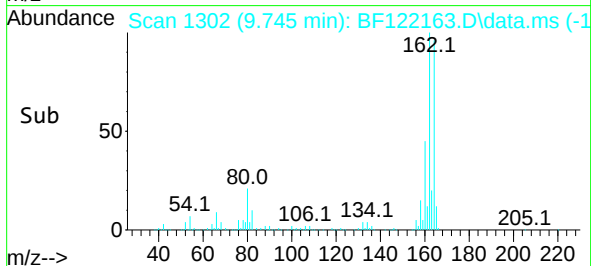
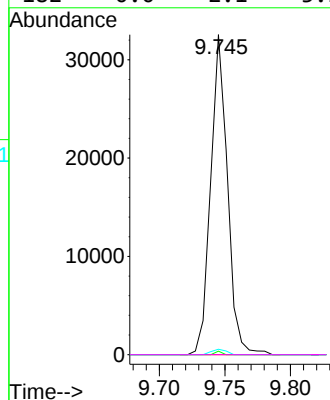
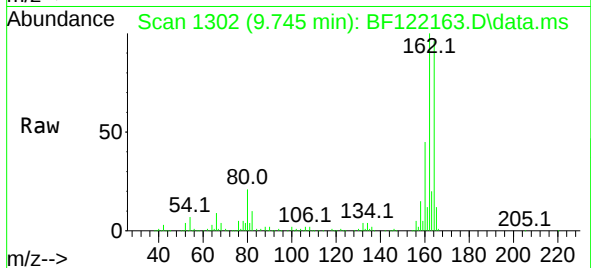




#57
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122163.D
Acq: 29 Oct 2020 12:43

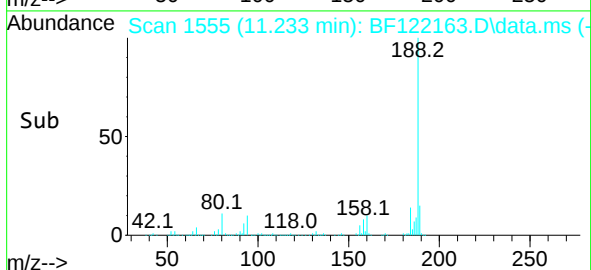
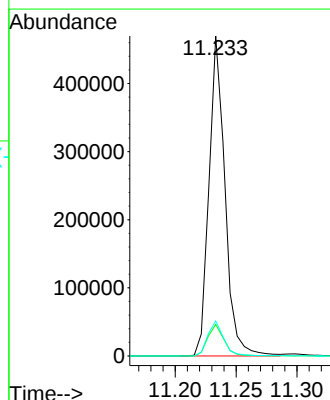
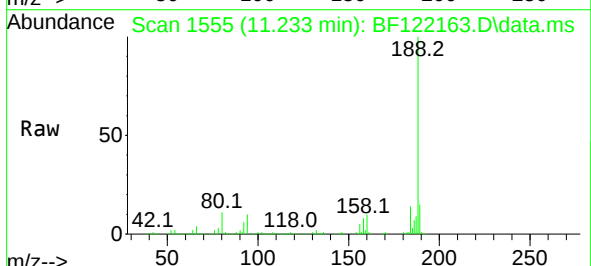
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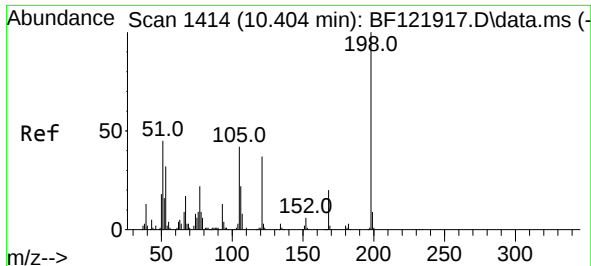
Tgt Ion:165 Resp: 29071
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122163.D
Acq: 29 Oct 2020 12:43

Tgt Ion:188 Resp: 428247
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.9 9.1 13.7

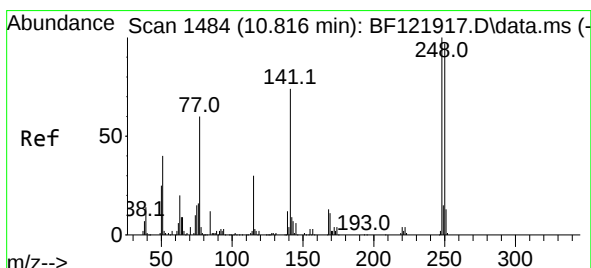
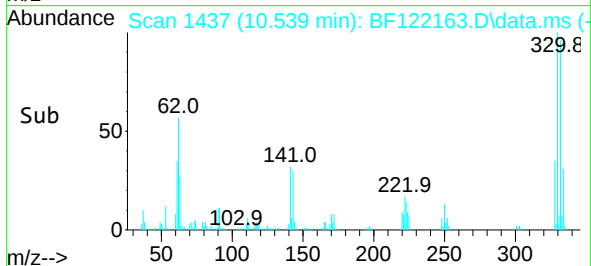
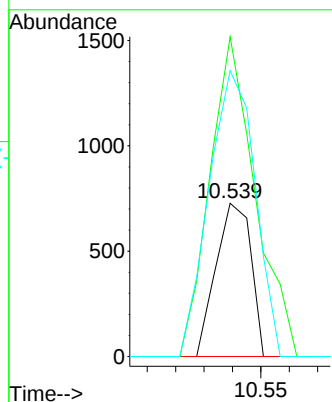
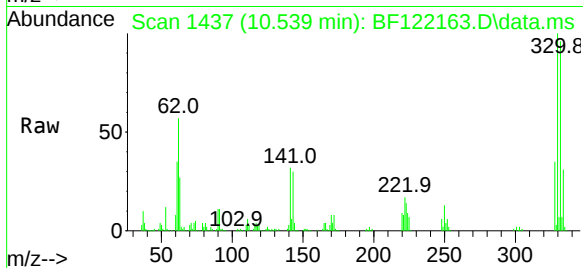




#65
4,6-Dinitro-2-methylphenol
Concen: 4.63 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122163.D
Acq: 29 Oct 2020 12:43

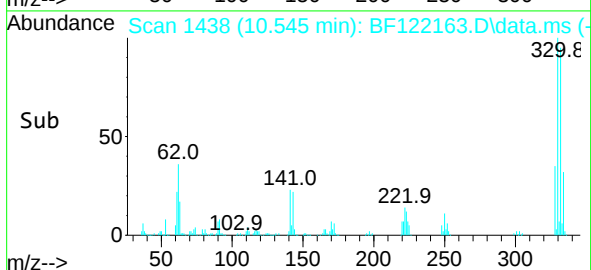
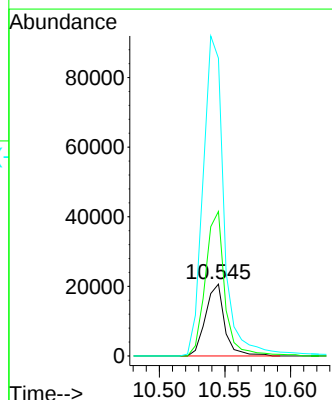
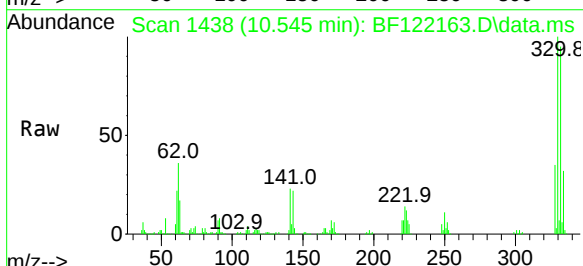
Instrument :
BNA_F
ClientSampled :
VNJ-225

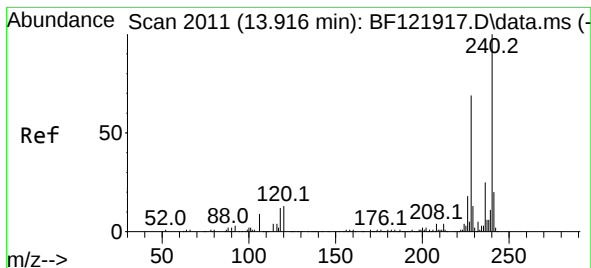
Tgt Ion:198 Resp: 621
Ion Ratio Lower Upper
198 100
51 208.5 29.6 69.6#
105 186.4 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.25 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.230 min
Lab File: BF122163.D
Acq: 29 Oct 2020 12:43

Tgt Ion:248 Resp: 21040
Ion Ratio Lower Upper
248 100
250 201.0 77.0 115.6#
141 414.4 53.7 80.5#

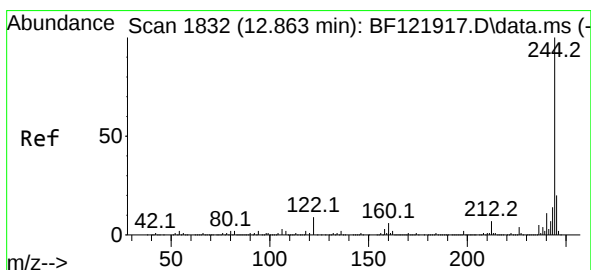
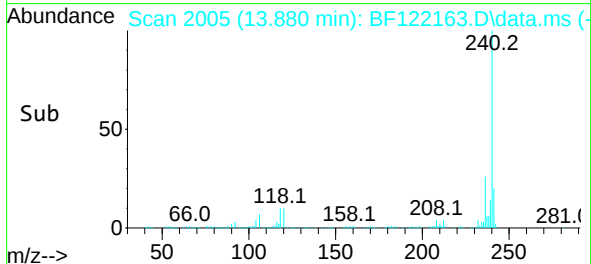
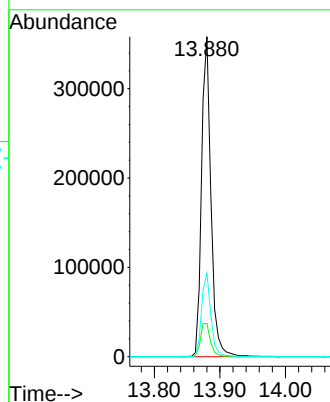
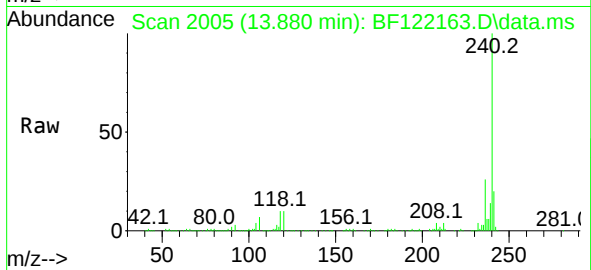




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122163.D
Acq: 29 Oct 2020 12:43

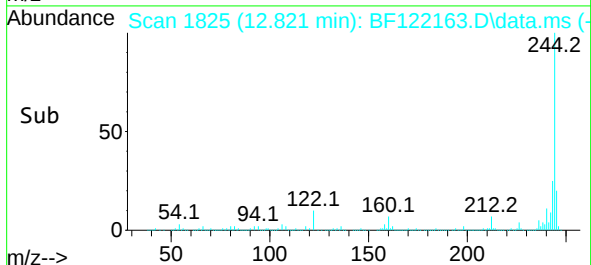
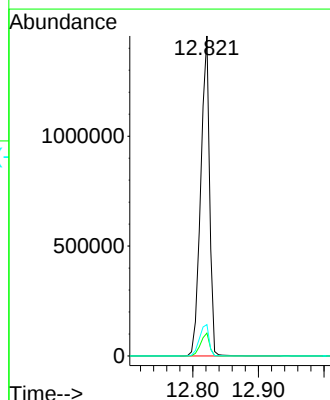
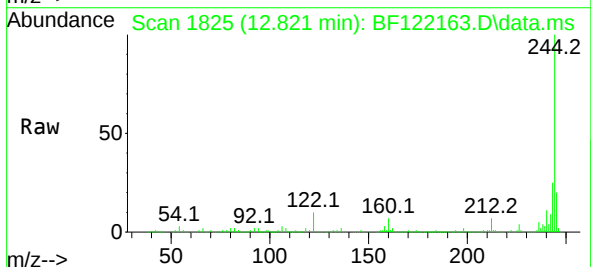
Instrument :
BNA_F
ClientSampleId :
VNJ-225

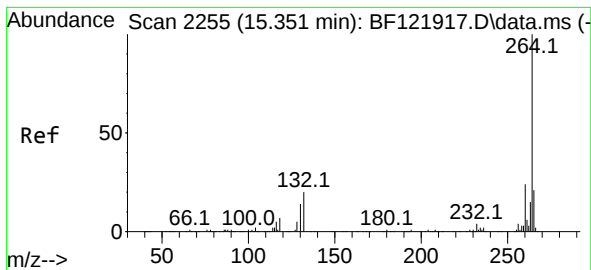
Tgt Ion:240 Resp: 358845
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 72.45 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122163.D
Acq: 29 Oct 2020 12:43

Tgt Ion:244 Resp: 1364206
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.8 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.315 min Scan# 2249
 Delta R.T. 0.012 min
 Lab File: BF122163.D
 Acq: 29 Oct 2020 12:43

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225

Tgt Ion:264 Resp: 304895
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.4 17.3 25.9

