

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
 Data File : BF122164.D
 Acq On : 29 Oct 2020 13:45
 Operator : JU/CG
 Sample : L4527-06RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

Quant Time: Oct 29 14:13:35 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)

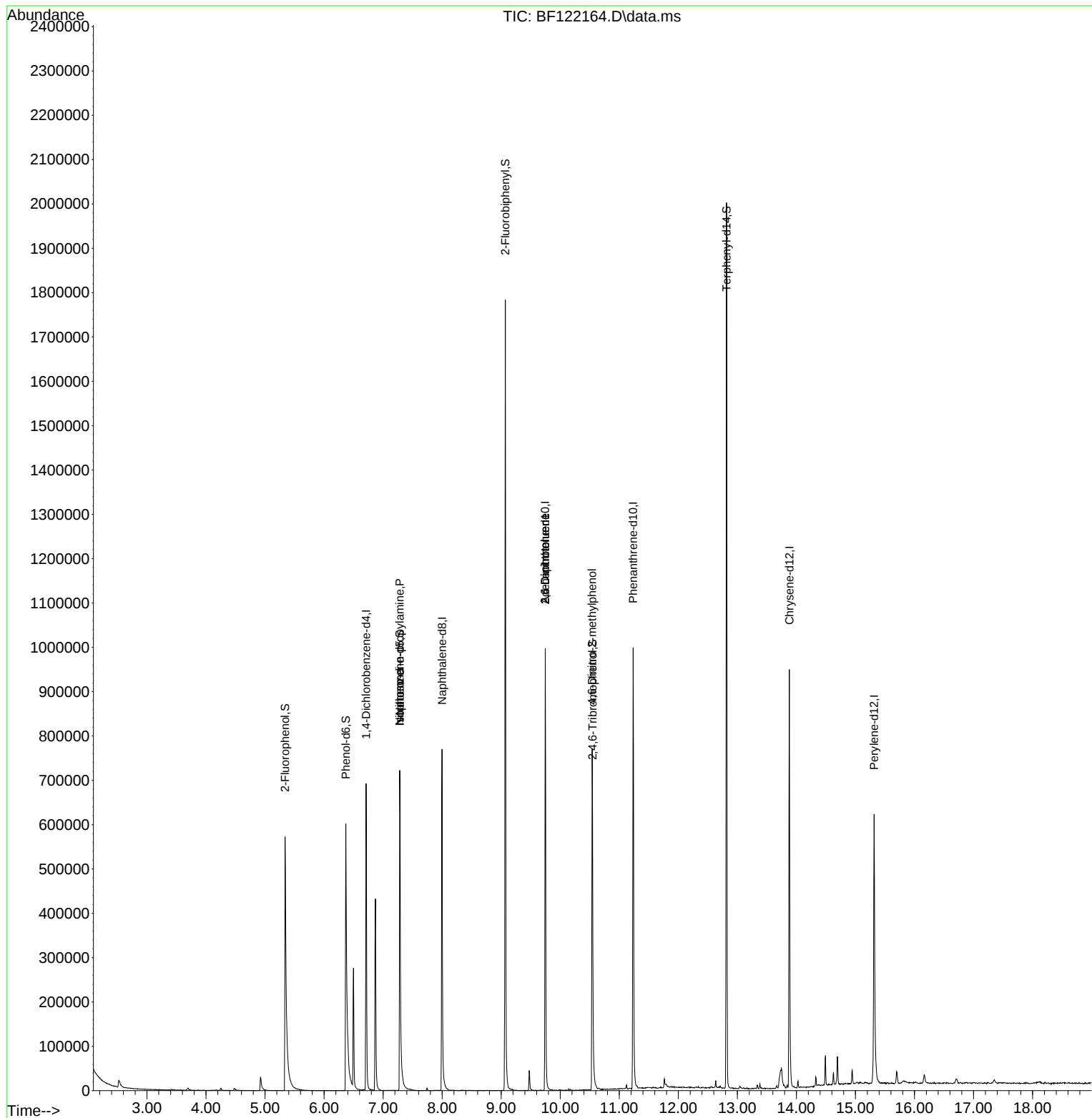
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	102484	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	402845	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	208887	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	407275	20.00	ng	0.00
76) Chrysene-d12	13.880	240	350662	20.00	ng	0.00
86) Perylene-d12	15.315	264	309049	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	285826	41.16	ng	0.00
7) Phenol-d6	6.369	99	352985	39.49	ng	0.00
23) Nitrobenzene-d5	7.281	82	304379	38.75	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	115692	44.77	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	566375	39.89	ng	0.00
79) Terphenyl-d14	12.815	244	642594	34.92	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	115	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.281	70	39267	7.72	ng	# 83
25) Isophorone	7.281	82	304395	20.49	ng	# 67
51) 2,6-Dinitrotoluene	9.745	165	26437	7.89	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	26437	6.41	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	112	4.47	ng	# 1

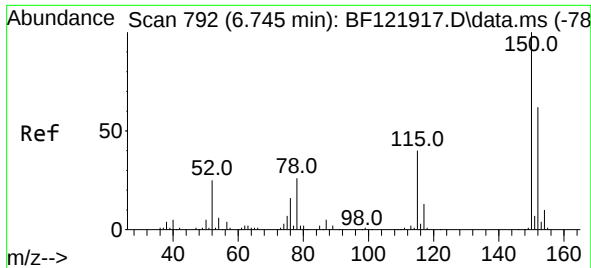
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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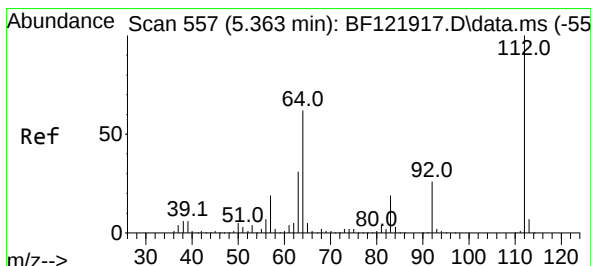
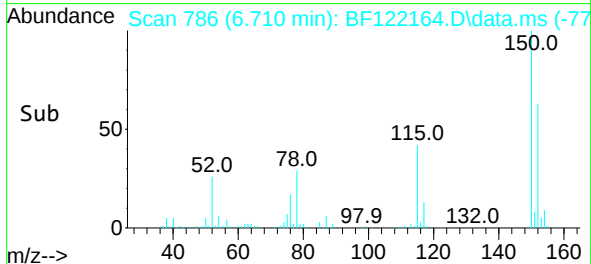
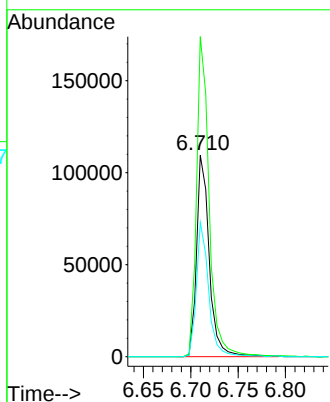
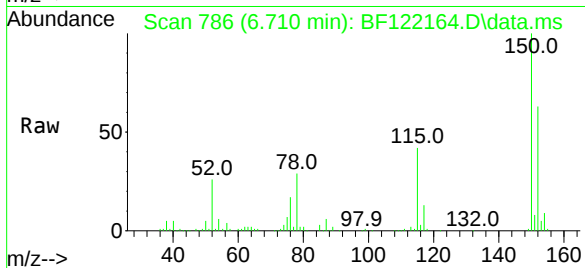




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122164.D
Acq: 29 Oct 2020 13:45

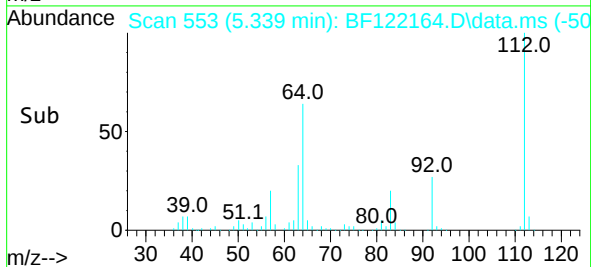
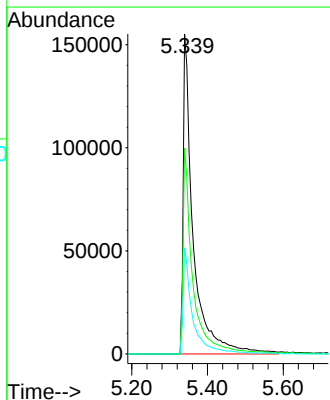
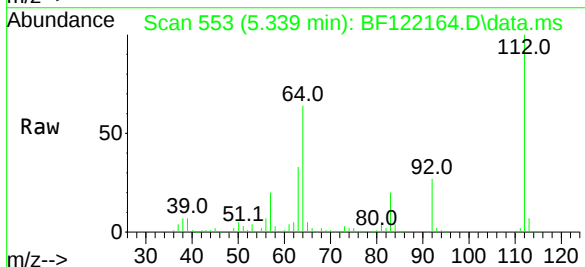
Instrument :
BNA_F
ClientSampleId :
VNJ-232

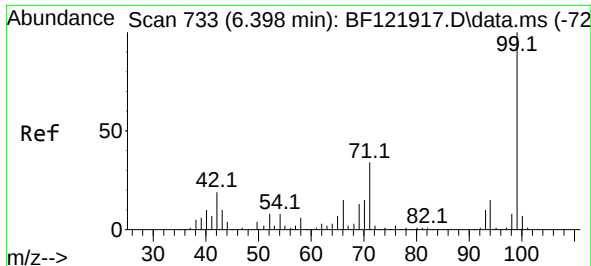
Tgt Ion:152 Resp: 102484
Ion Ratio Lower Upper
152 100
150 158.9 125.3 187.9
115 66.6 51.9 77.9



#5
2-Fluorophenol
Concen: 41.16 ng
RT: 5.339 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122164.D
Acq: 29 Oct 2020 13:45

Tgt Ion:112 Resp: 285826
Ion Ratio Lower Upper
112 100
64 64.3 50.4 75.6
63 33.2 25.8 38.6

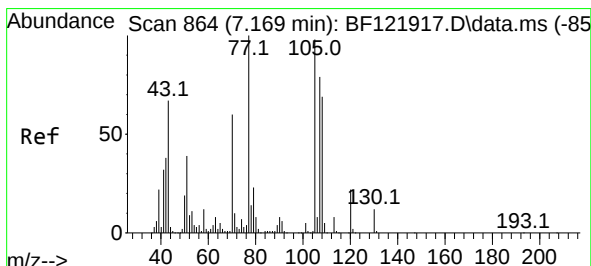
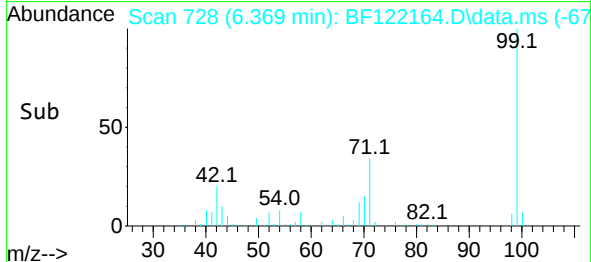
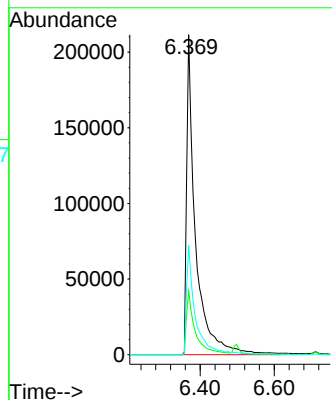
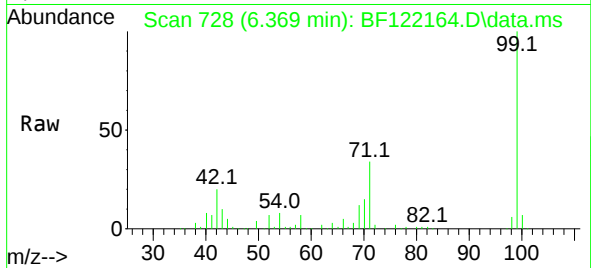




#7
Phenol-d6
Concen: 39.49 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122164.D
Acq: 29 Oct 2020 13:45

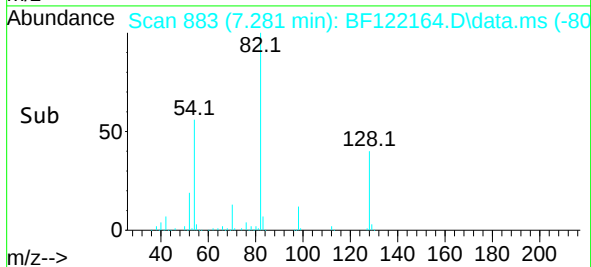
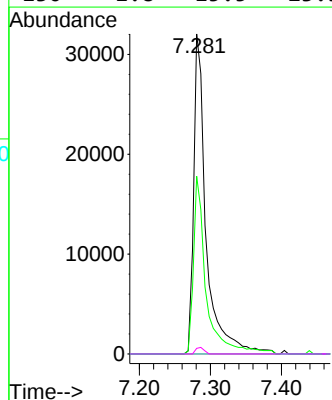
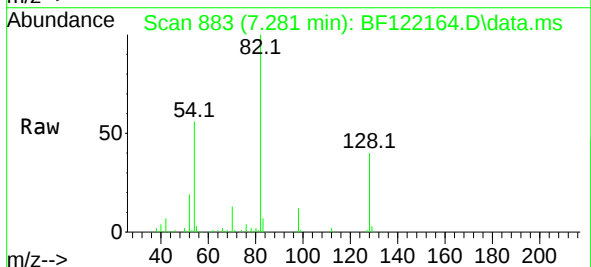
Instrument :
BNA_F
ClientSampleId :
VNJ-232

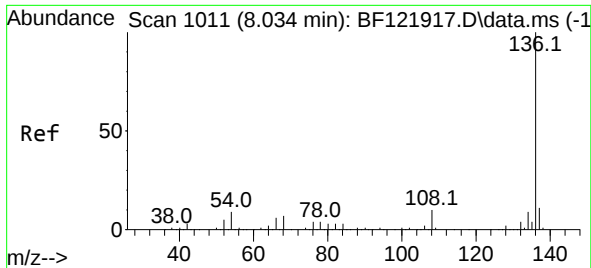
Tgt Ion: 99 Resp: 352985
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 34.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 7.72 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122164.D
Acq: 29 Oct 2020 13:45

Tgt Ion: 70 Resp: 39267
Ion Ratio Lower Upper
70 100
42 55.6 50.2 75.4
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#



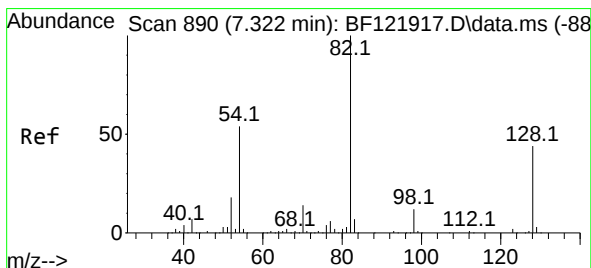
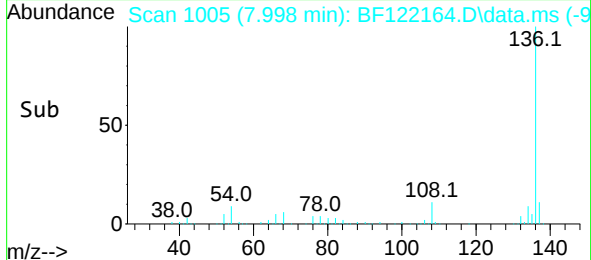
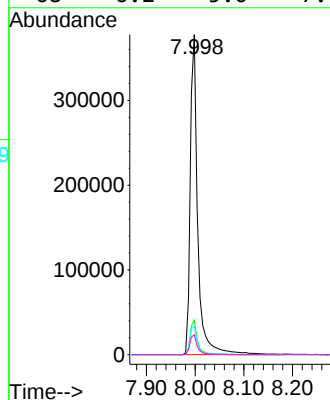
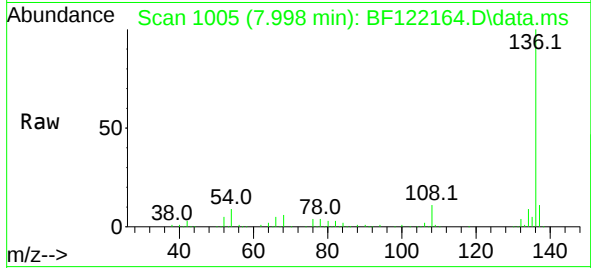


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122164.D
Acq: 29 Oct 2020 13:45

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:136 Resp: 402845

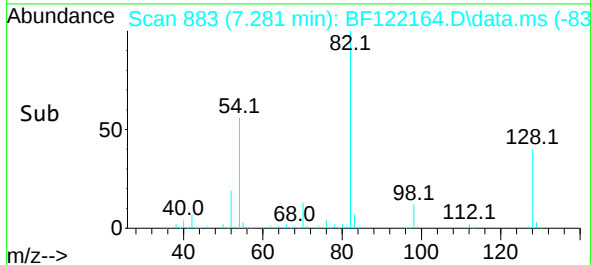
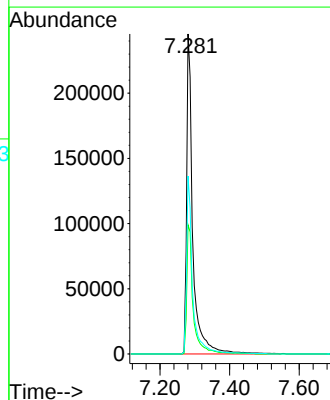
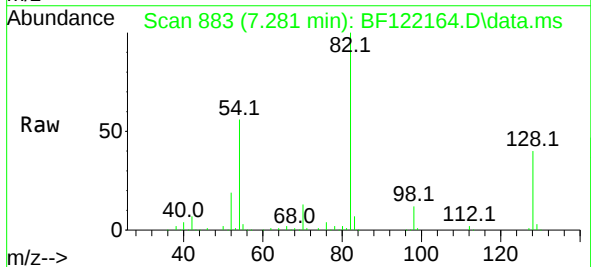
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.8	7.1	10.7
68	6.2	5.0	7.4

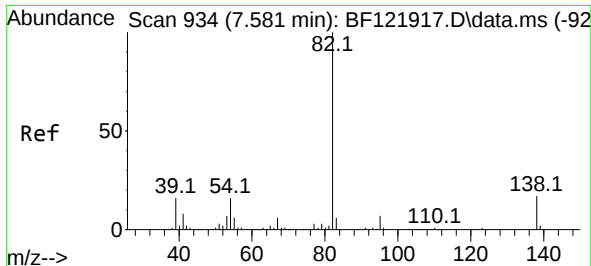


#23
Nitrobenzene-d5
Concen: 38.75 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122164.D
Acq: 29 Oct 2020 13:45

Tgt Ion: 82 Resp: 304379

Ion	Ratio	Lower	Upper
82	100		
128	40.3	35.0	52.4
54	55.6	43.9	65.9

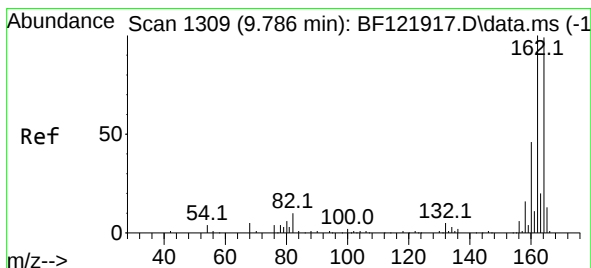
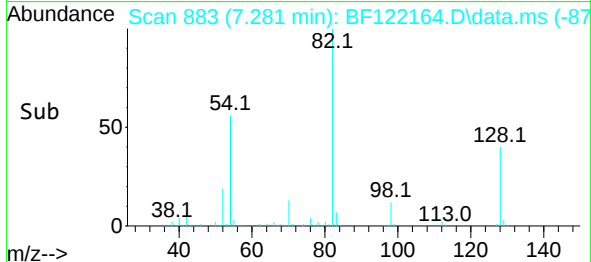
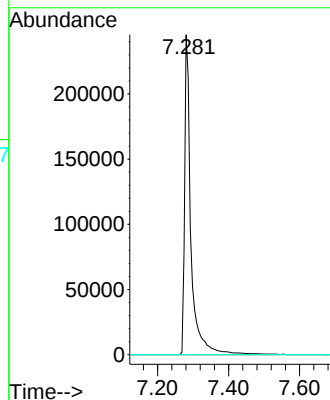
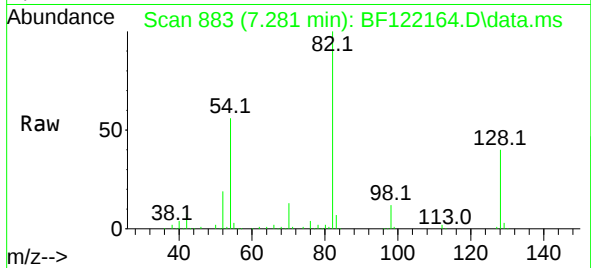




#25
Isophorone
Concen: 20.49 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122164.D
Acq: 29 Oct 2020 13:45

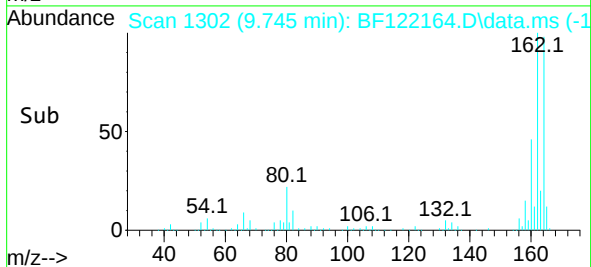
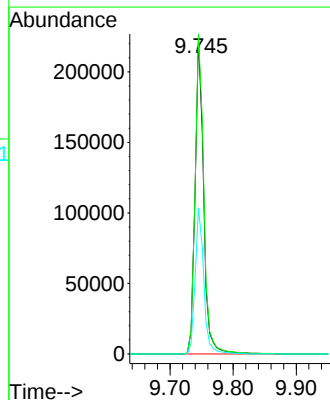
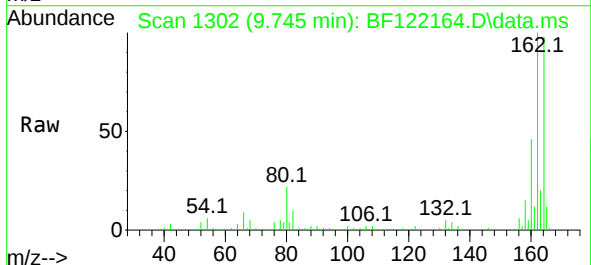
Instrument :
BNA_F
ClientSampleId :
VNJ-232

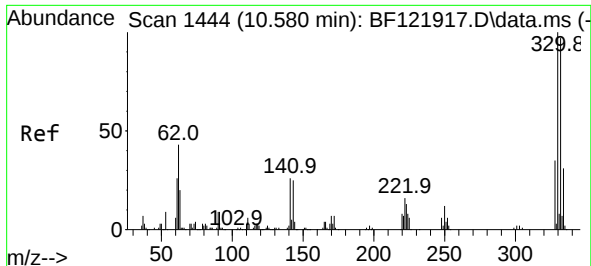
Tgt Ion: 82 Resp: 304395
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122164.D
Acq: 29 Oct 2020 13:45

Tgt Ion:164 Resp: 208887
Ion Ratio Lower Upper
164 100
162 101.6 83.2 124.8
160 46.4 37.5 56.3

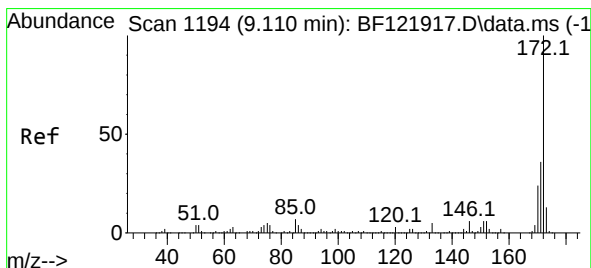
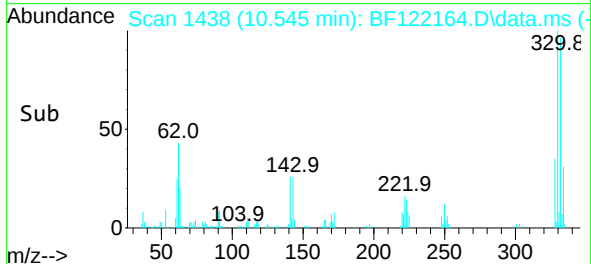
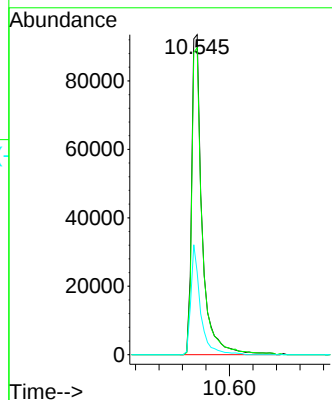
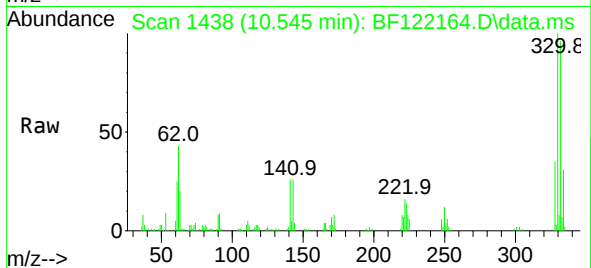




#42
2,4,6-Tribromophenol
Concen: 44.77 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122164.D
Acq: 29 Oct 2020 13:45

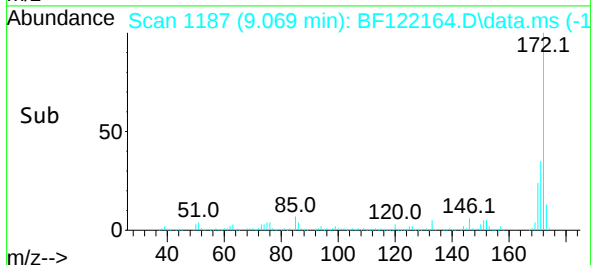
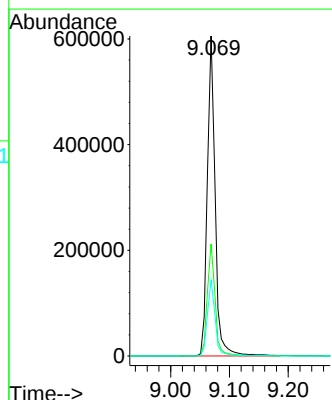
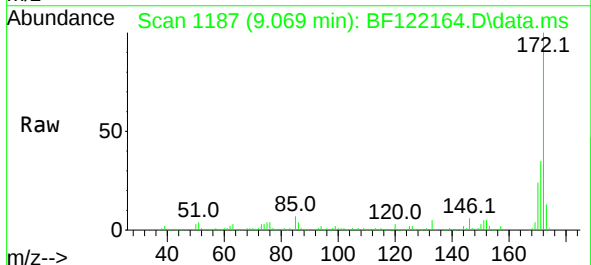
Instrument :
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ClientSampleId :
VNJ-232

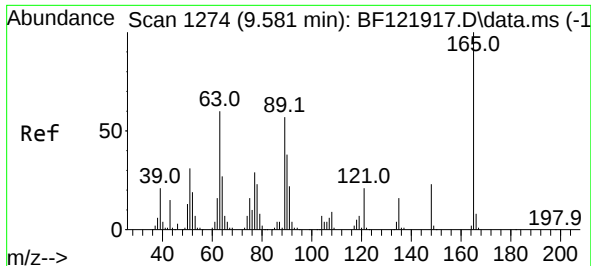
Tgt Ion: 330 Resp: 115692
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 31.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 39.89 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122164.D
Acq: 29 Oct 2020 13:45

Tgt Ion: 172 Resp: 566375
Ion Ratio Lower Upper
172 100
171 35.0 29.1 43.7
170 23.7 19.8 29.6

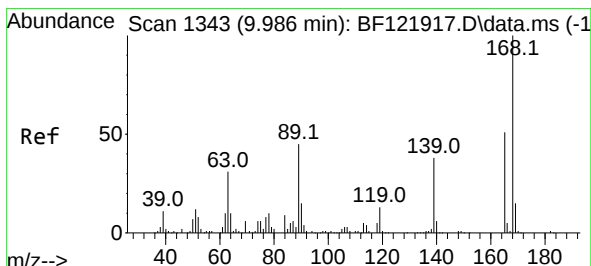
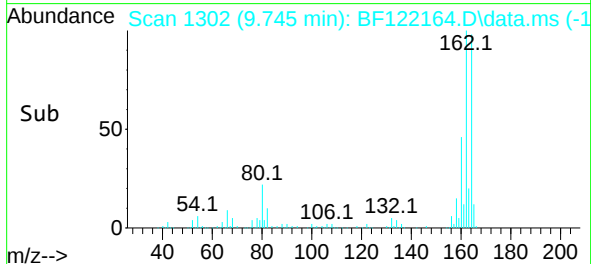
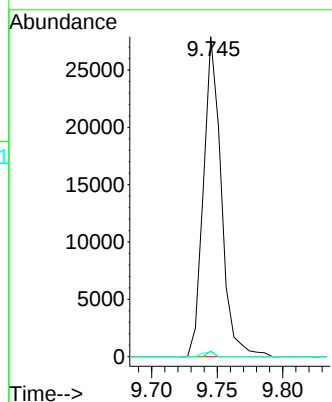
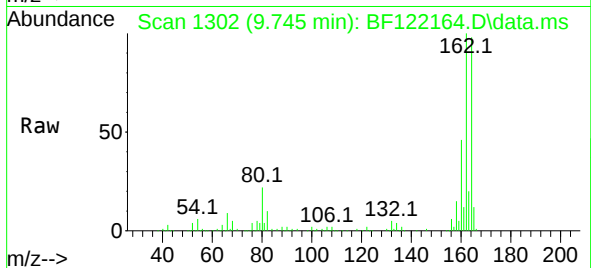




#51
2,6-Dinitrotoluene
Concen: 7.89 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122164.D
Acq: 29 Oct 2020 13:45

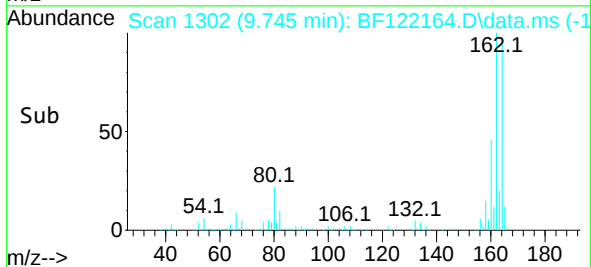
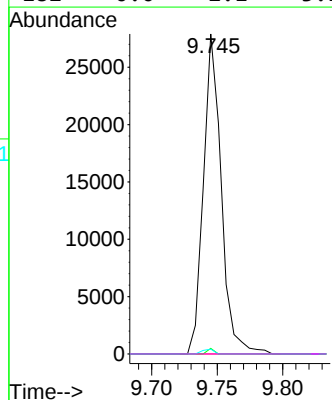
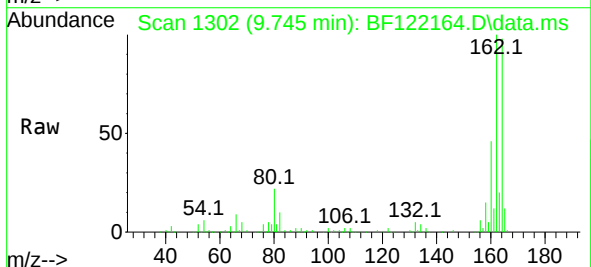
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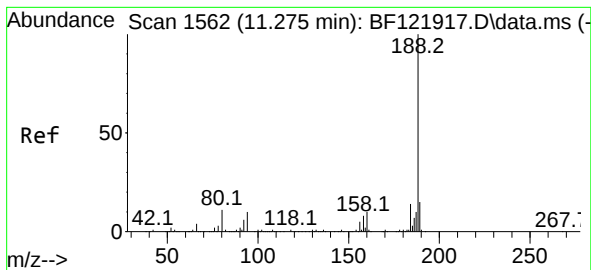
Tgt Ion:165 Resp: 26437
Ion Ratio Lower Upper
165 100
63 1.8 51.8 77.6#
89 1.5 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122164.D
Acq: 29 Oct 2020 13:45

Tgt Ion:165 Resp: 26437
Ion Ratio Lower Upper
165 100
63 1.8 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

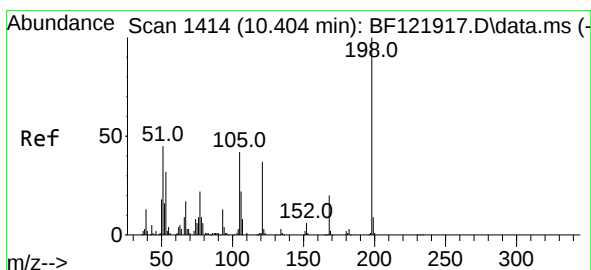
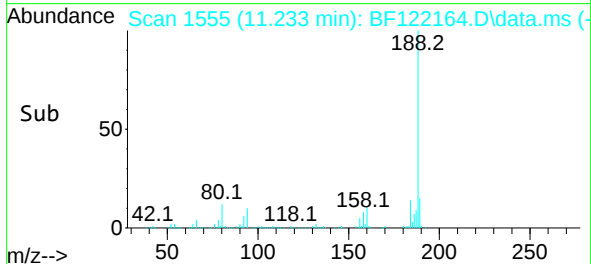
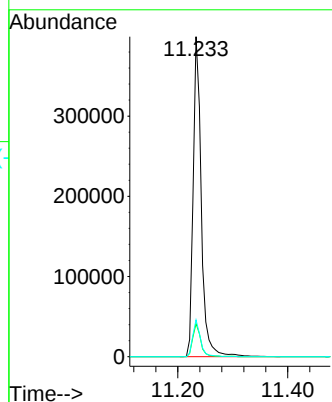
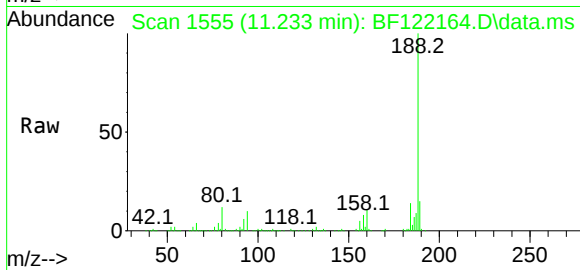




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122164.D
Acq: 29 Oct 2020 13:45

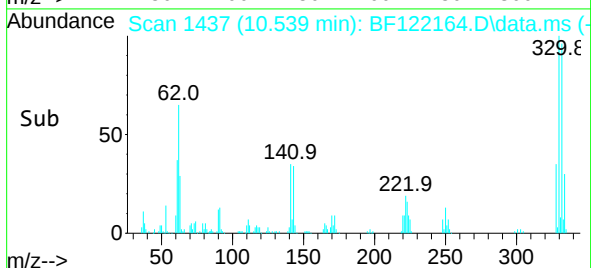
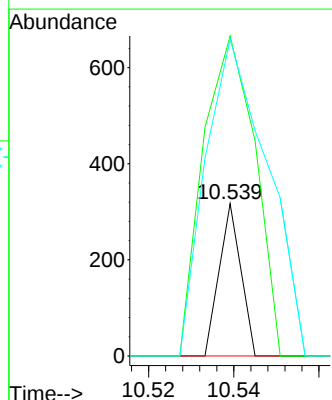
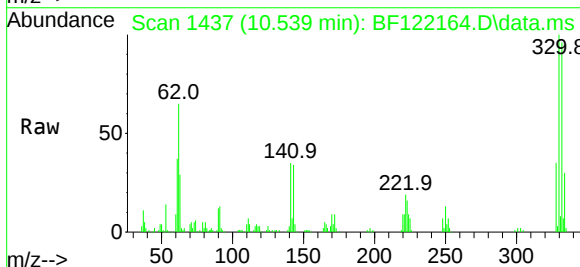
Instrument :
BNA_F
ClientSampleId :
VNJ-232

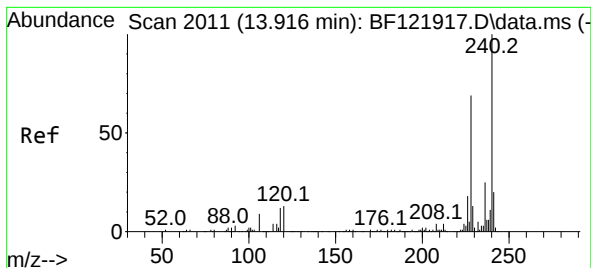
Tgt Ion:188 Resp: 407275
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.5 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.47 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122164.D
Acq: 29 Oct 2020 13:45

Tgt Ion:198 Resp: 112
Ion Ratio Lower Upper
198 100
51 210.1 29.6 69.6#
105 208.2 24.4 64.4#

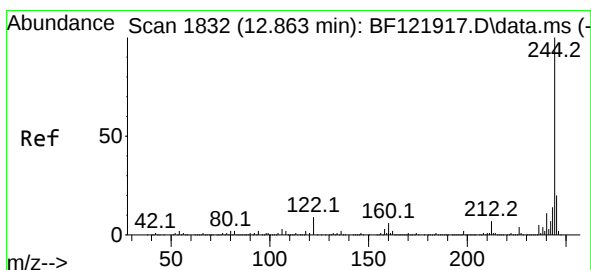
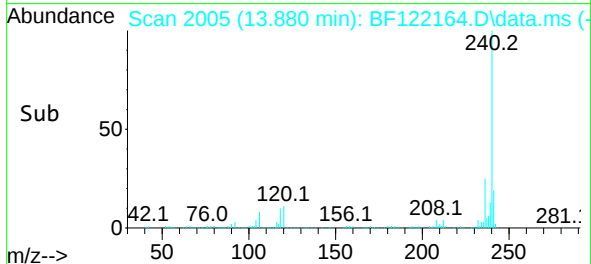
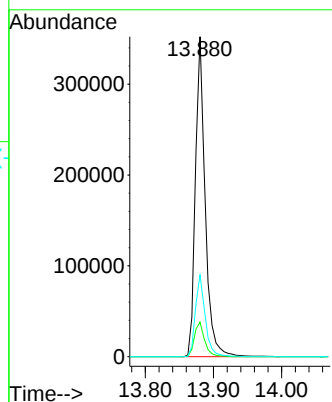
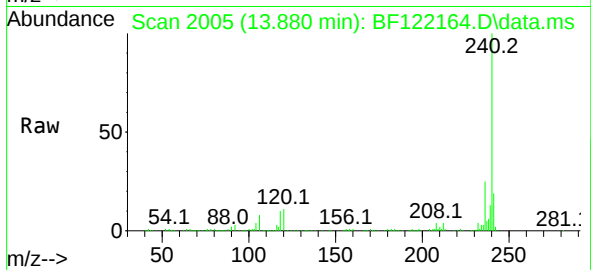




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122164.D
Acq: 29 Oct 2020 13:45

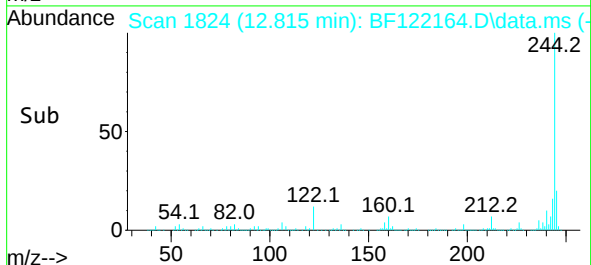
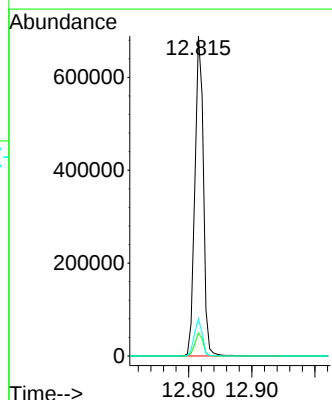
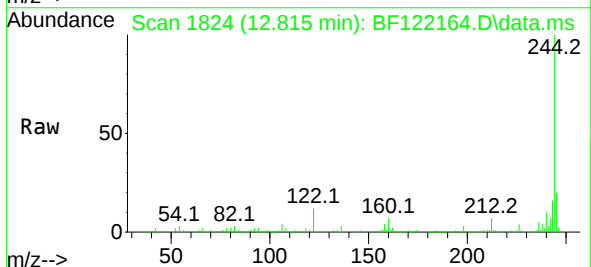
Instrument :
BNA_F
ClientSampleId :
VNJ-232

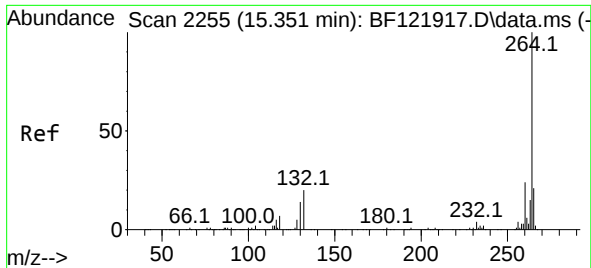
Tgt Ion:240 Resp: 350662
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 34.92 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122164.D
Acq: 29 Oct 2020 13:45

Tgt Ion:244 Resp: 642594
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.7 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: BF122164.D
 Acq: 29 Oct 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

Tgt Ion:264 Resp: 309049
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.4 17.3 25.9

