

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
 Data File : BF122155.D
 Acq On : 28 Oct 2020 19:02
 Operator : JU/CG
 Sample : L4526-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225

Quant Time: Oct 29 00:32:02 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)

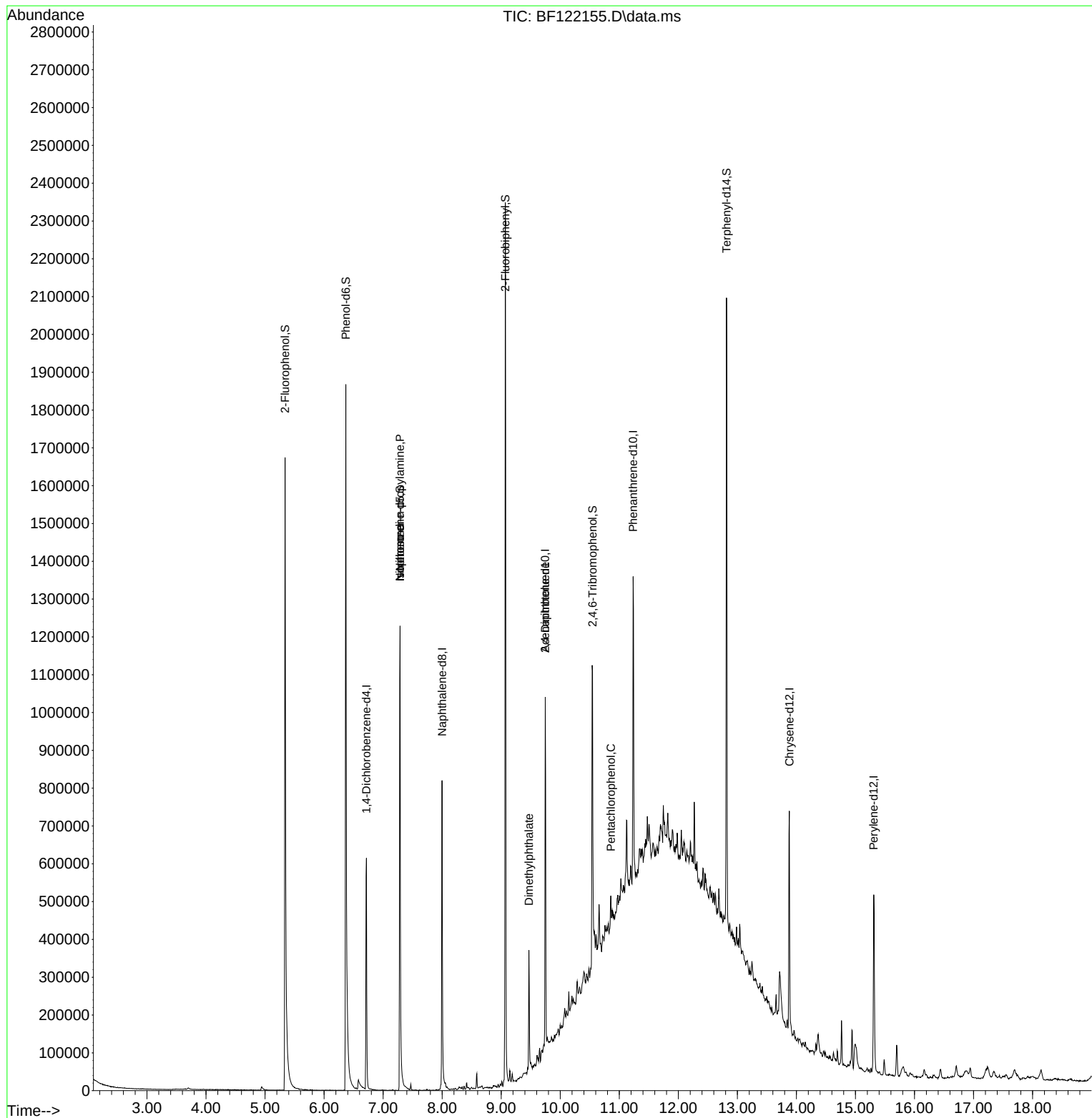
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	96765	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	381418	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	190347	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	304603	20.00	ng	0.00
76) Chrysene-d12	13.880	240	209115	20.00	ng	0.00
86) Perylene-d12	15.309	264	224374	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	573809	87.52	ng	0.00
7) Phenol-d6	6.369	99	725076	85.91	ng	0.00
23) Nitrobenzene-d5	7.286	82	454401	61.10	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	128929	54.76	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	718135	55.51	ng	0.00
79) Terphenyl-d14	12.815	244	536874	48.93	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1327	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.286	70	61374	12.77	ng	# 76
25) Isophorone	7.286	82	454398	32.31	ng	# 67
50) Dimethylphthalate	9.469	163	132347	9.51	ng	100
57) 2,4-Dinitrotoluene	9.745	165	24686	6.57	ng	# 21
70) Pentachlorophenol	10.857	266	623	8.30	ng	# 18

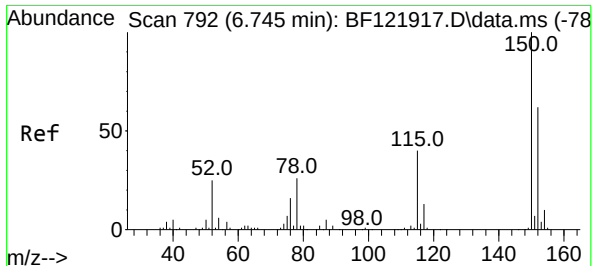
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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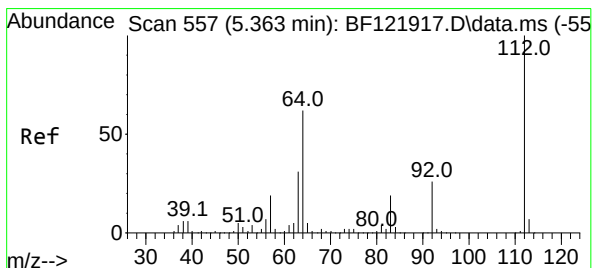
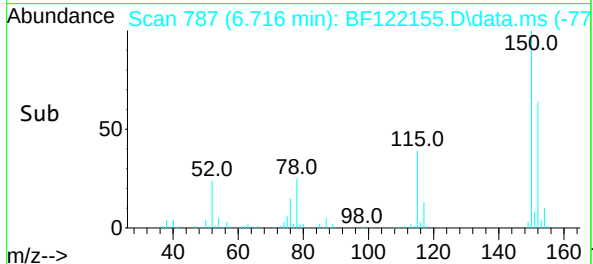
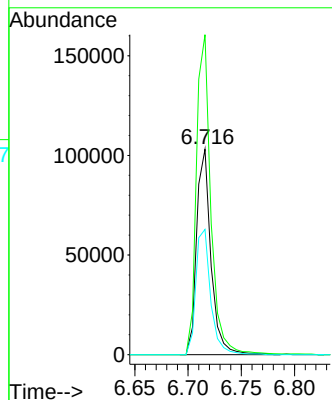
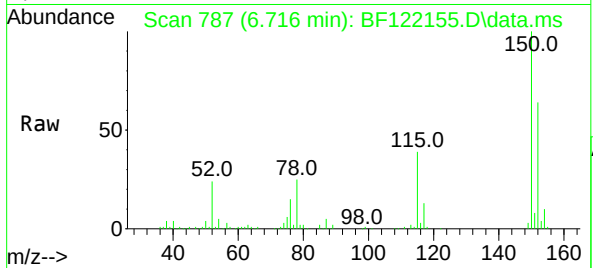




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

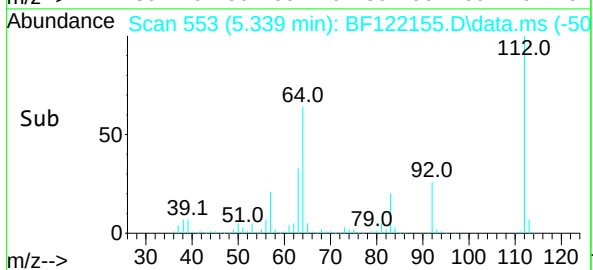
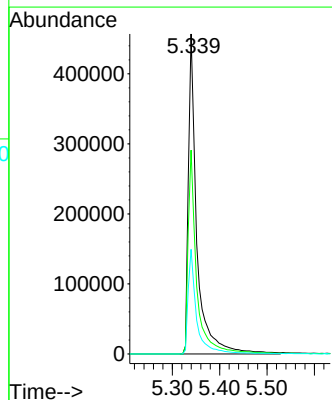
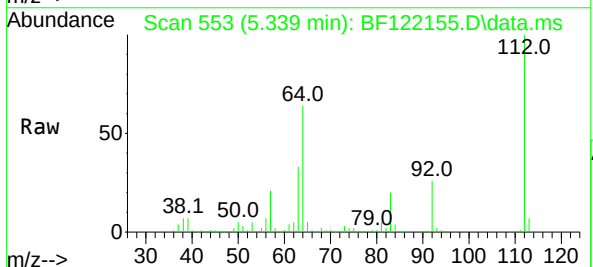
Instrument :
BNA_F
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VNJ-225

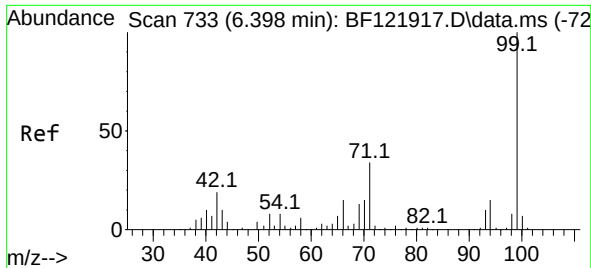
Tgt Ion:152 Resp: 96765
Ion Ratio Lower Upper
152 100
150 155.7 125.3 187.9
115 60.9 51.9 77.9



#5
2-Fluorophenol
Concen: 87.52 ng
RT: 5.339 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

Tgt Ion:112 Resp: 573809
Ion Ratio Lower Upper
112 100
64 63.7 50.4 75.6
63 32.7 25.8 38.6

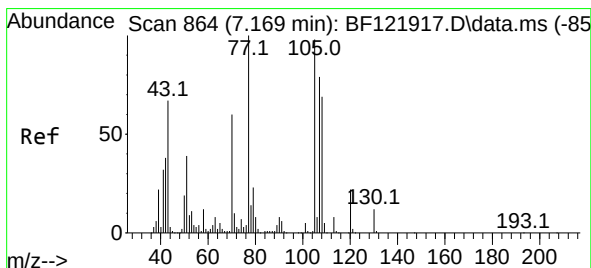
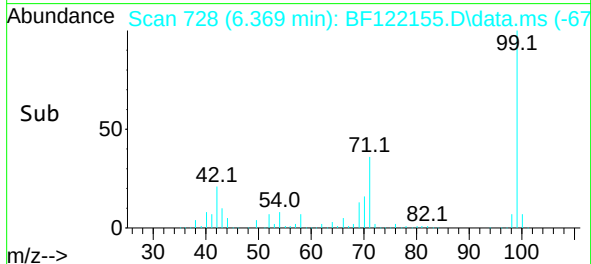
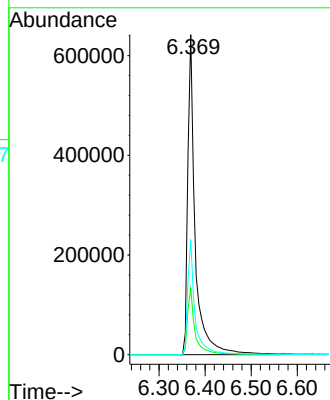
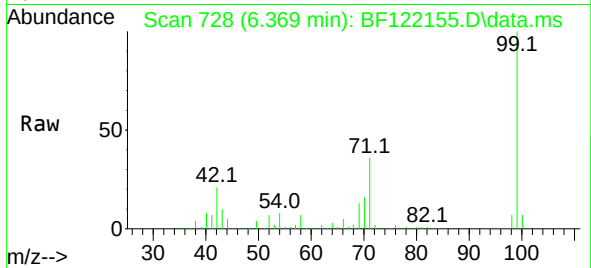




#7
Phenol-d6
Concen: 85.91 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

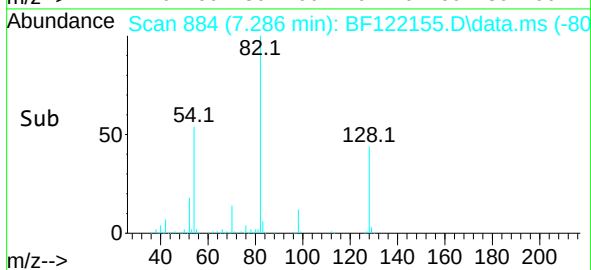
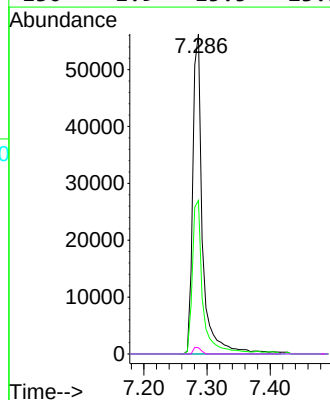
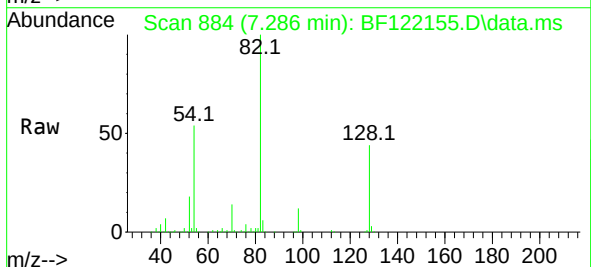
Instrument :
BNA_F
ClientSampleId :
VNJ-225

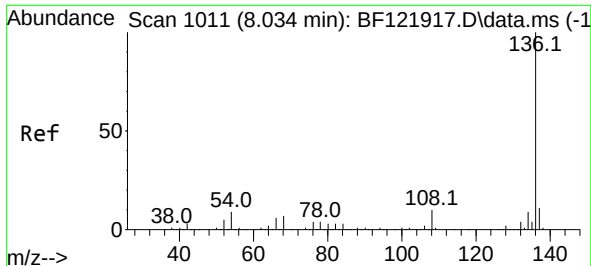
Tgt Ion: 99 Resp: 725076
Ion Ratio Lower Upper
99 100
42 20.7 15.9 23.9
71 35.9 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.77 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

Tgt Ion: 70 Resp: 61374
Ion Ratio Lower Upper
70 100
42 48.0 50.2 75.4#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#

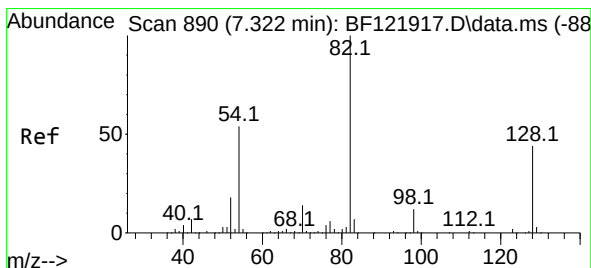
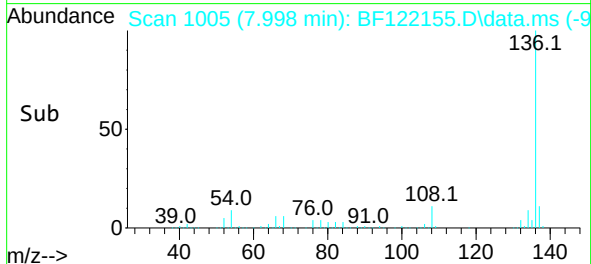
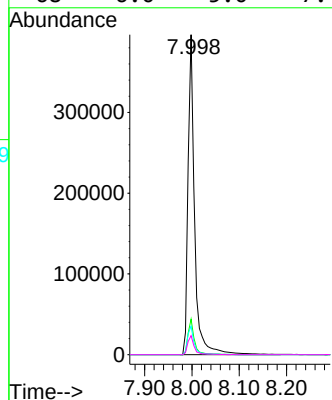
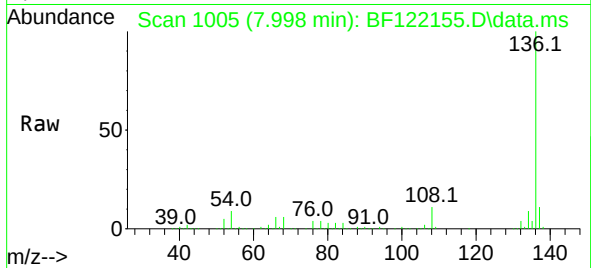




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

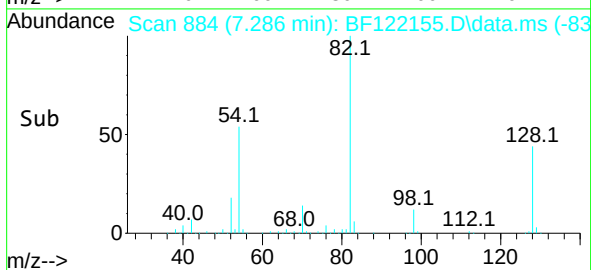
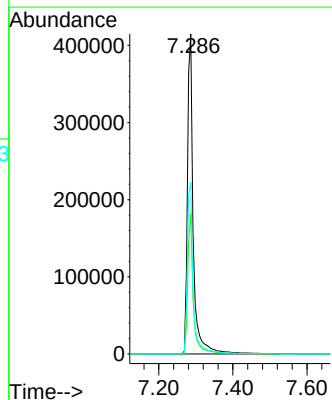
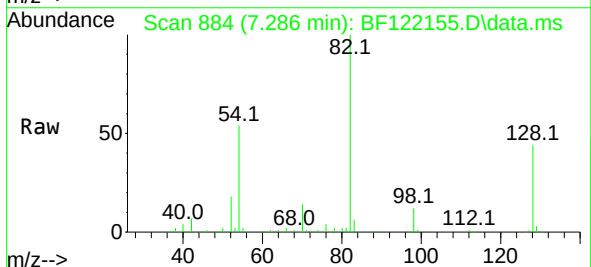
Instrument :
BNA_F
ClientSampleId :
VNJ-225

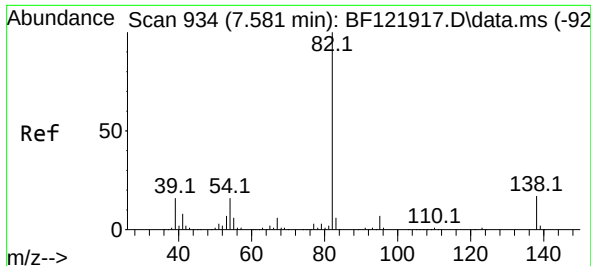
Tgt Ion:136 Resp: 381418
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.9 7.1 10.7
68 6.0 5.0 7.4



#23
Nitrobenzene-d5
Concen: 61.10 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

Tgt Ion: 82 Resp: 454401
Ion Ratio Lower Upper
82 100
128 43.8 35.0 52.4
54 53.8 43.9 65.9

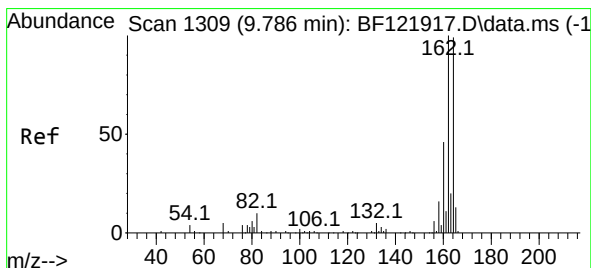
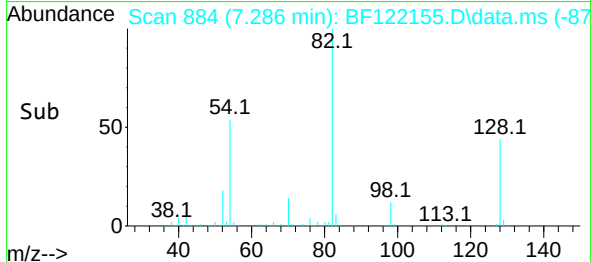
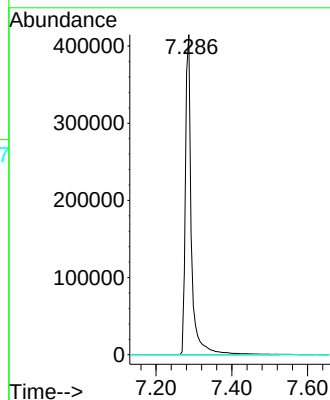
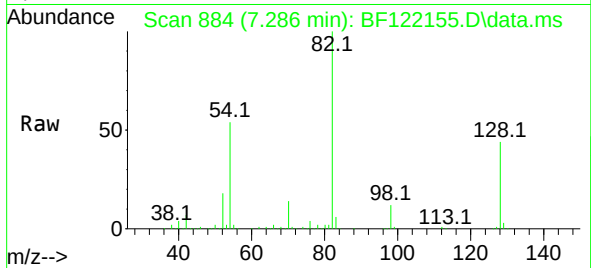




#25
Isophorone
Concen: 32.31 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

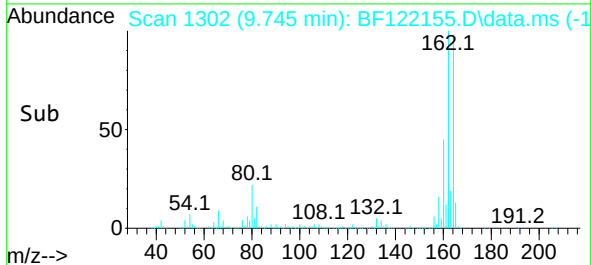
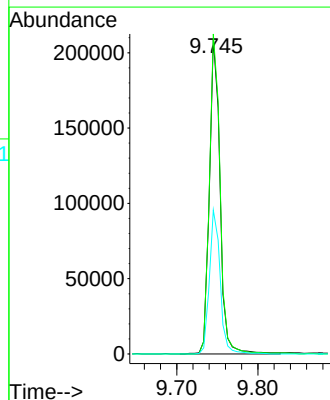
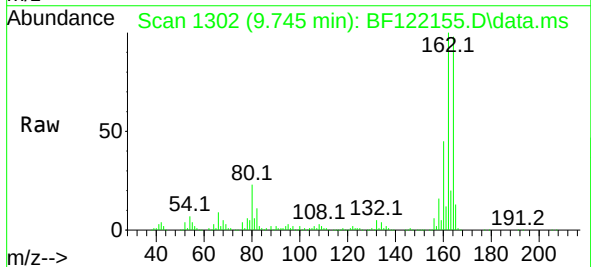
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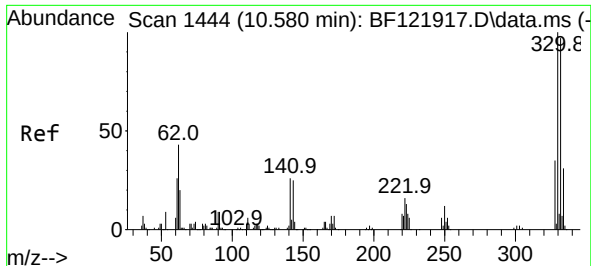
Tgt Ion: 82 Resp: 454398
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

Tgt Ion: 164 Resp: 190347
Ion Ratio Lower Upper
164 100
162 101.8 83.2 124.8
160 45.7 37.5 56.3

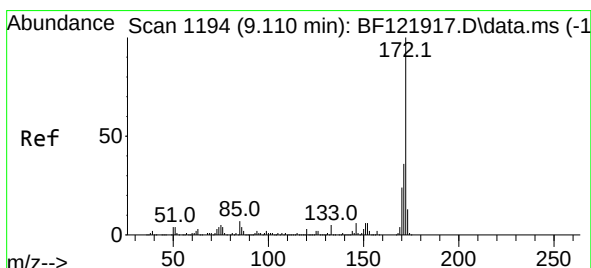
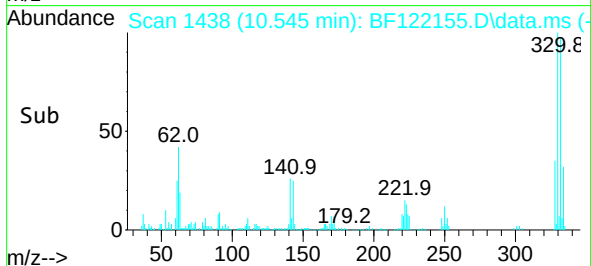
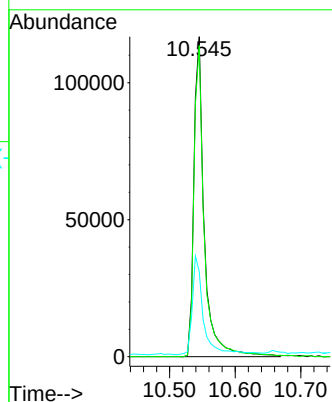
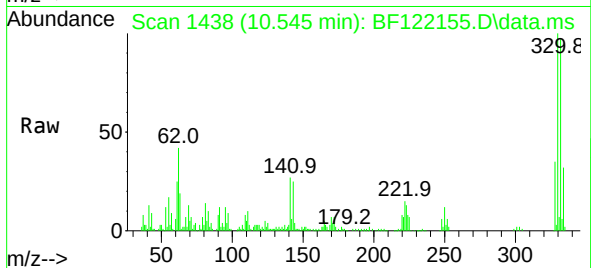




#42
2,4,6-Tribromophenol
Concen: 54.76 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

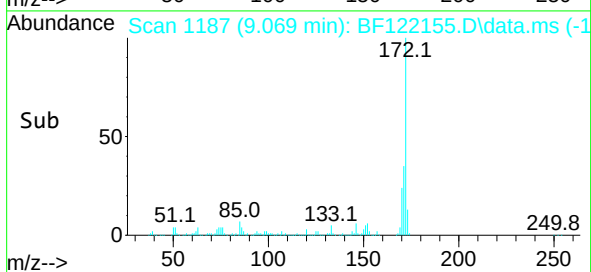
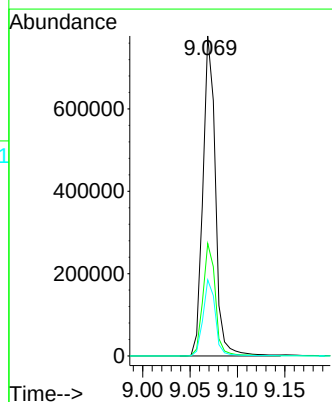
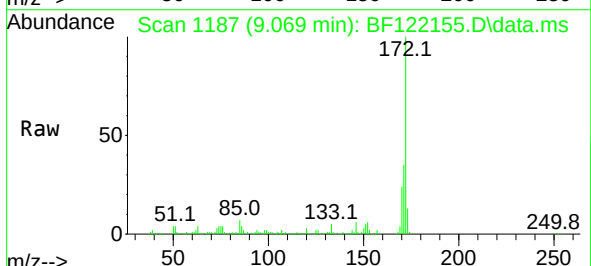
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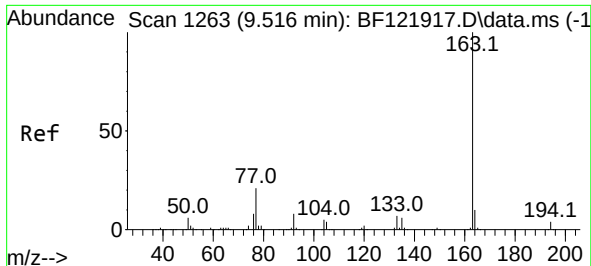
Tgt Ion:330 Resp: 128929
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 33.5 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 55.51 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

Tgt Ion:172 Resp: 718135
Ion Ratio Lower Upper
172 100
171 35.2 29.1 43.7
170 23.8 19.8 29.6

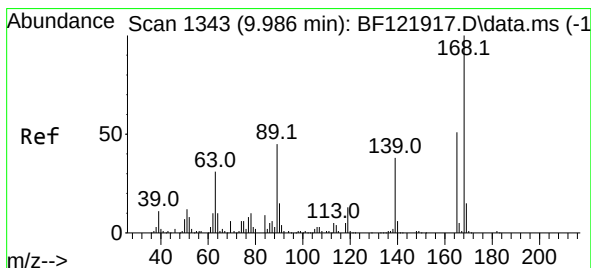
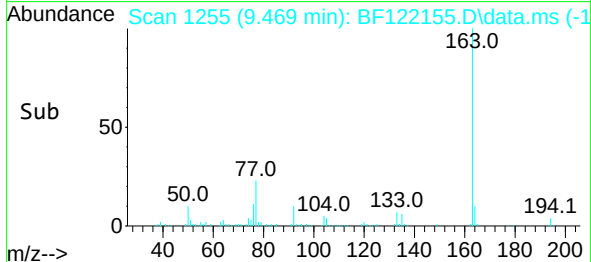
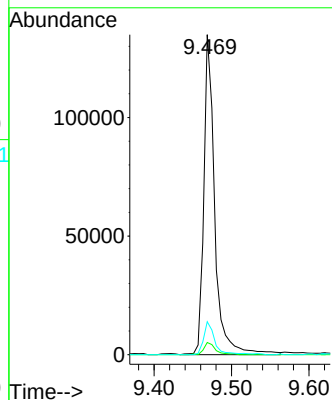
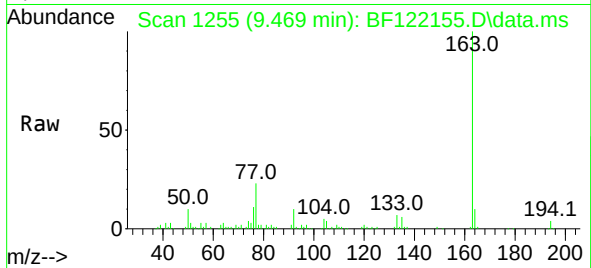




#50
Dimethylphthalate
Concen: 9.51 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

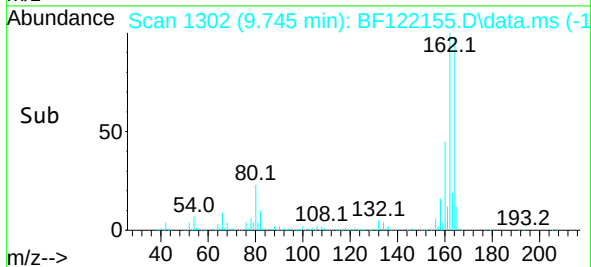
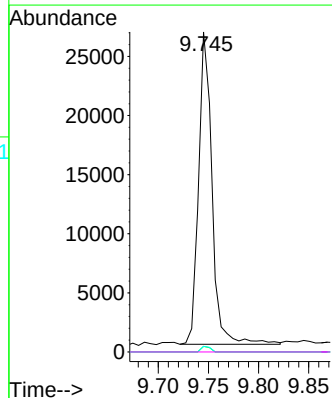
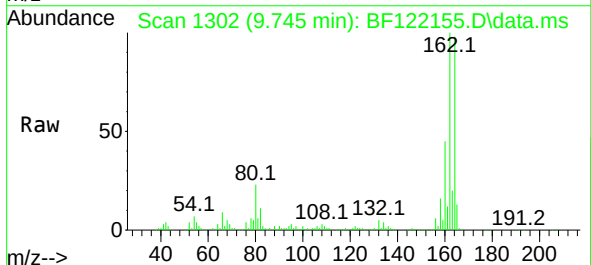
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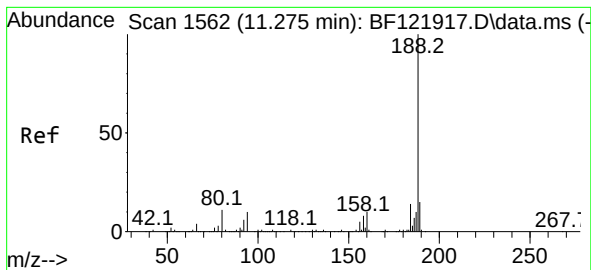
Tgt Ion:163 Resp: 132347
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.3 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.57 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

Tgt Ion:165 Resp: 24686
Ion Ratio Lower Upper
165 100
63 1.8 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#

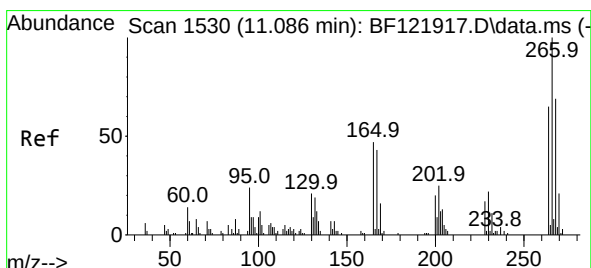
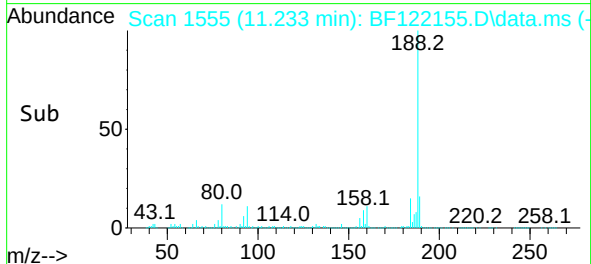
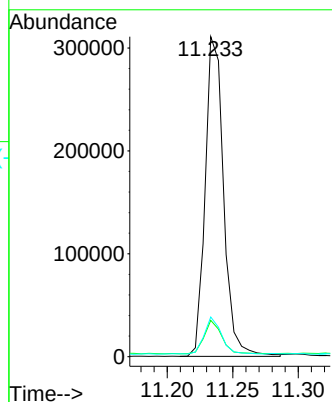
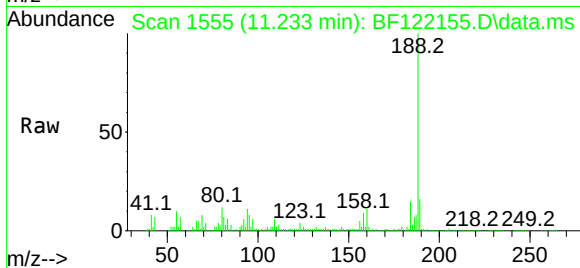




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

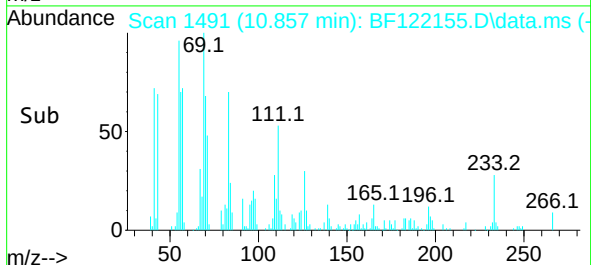
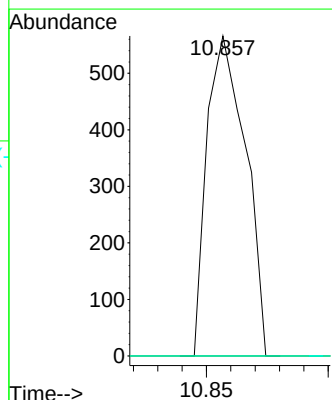
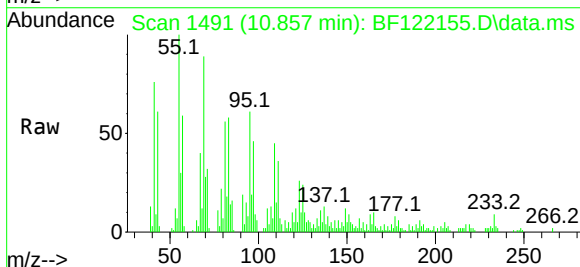
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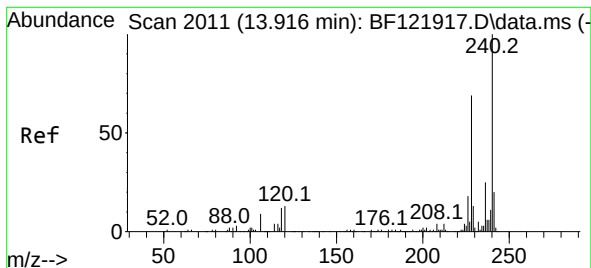
Tgt Ion:188 Resp: 304603
Ion Ratio Lower Upper
188 100
94 11.4 8.3 12.5
80 12.4 9.1 13.7



#70
Pentachlorophenol
Concen: 8.30 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.200 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

Tgt Ion:266 Resp: 623
Ion Ratio Lower Upper
266 100
268 0.0 52.4 78.6#
264 0.0 49.9 74.9#

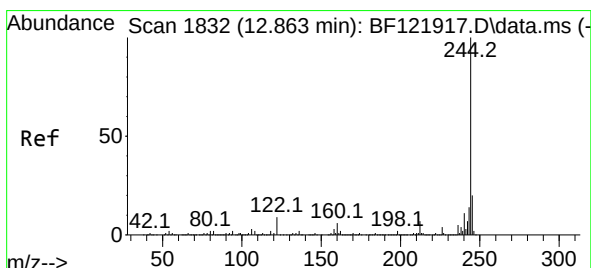
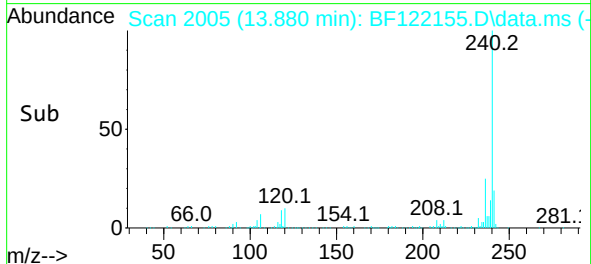
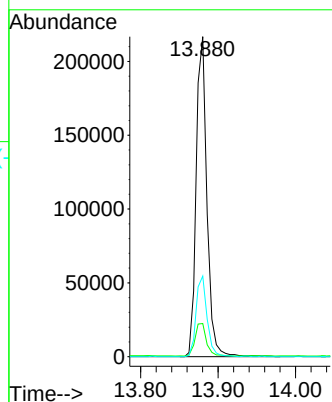
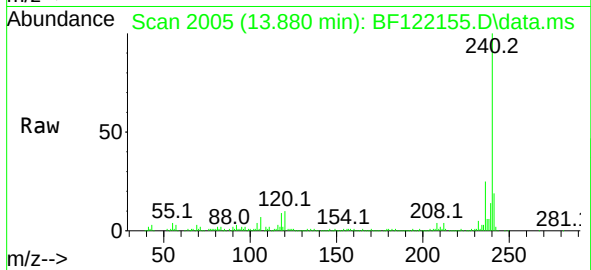




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

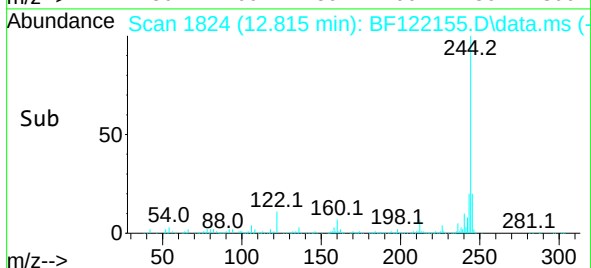
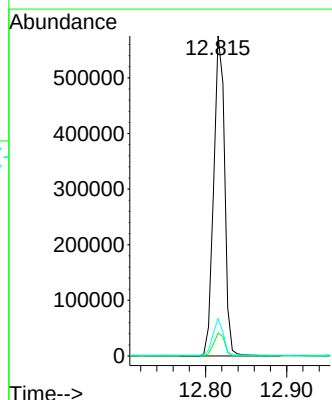
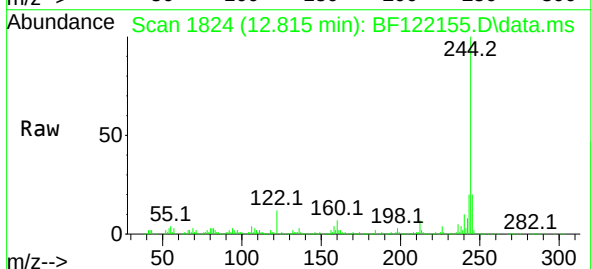
Instrument :
BNA_F
ClientSampleId :
VNJ-225

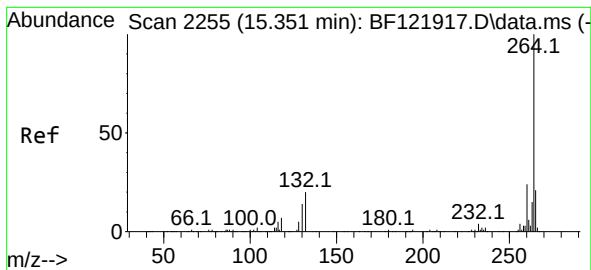
Tgt Ion:240 Resp: 209115
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 25.2 20.9 31.3



#79
Terphenyl-d14
Concen: 48.93 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

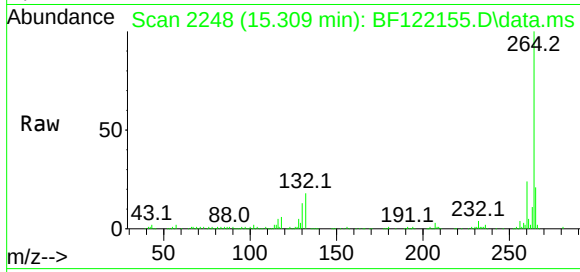
Tgt Ion:244 Resp: 536874
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.7 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.309 min Scan# 2248
Delta R.T. 0.006 min
Lab File: BF122155.D
Acq: 28 Oct 2020 19:02

Instrument :
BNA_F
ClientSampleId :
VNJ-225



Tgt Ion:264 Resp: 224374

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.0	17.3	25.9

