

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
 Data File : BF122150.D
 Acq On : 28 Oct 2020 16:26
 Operator : JU/CG
 Sample : L4527-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

Quant Time: Oct 28 17:01:21 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)

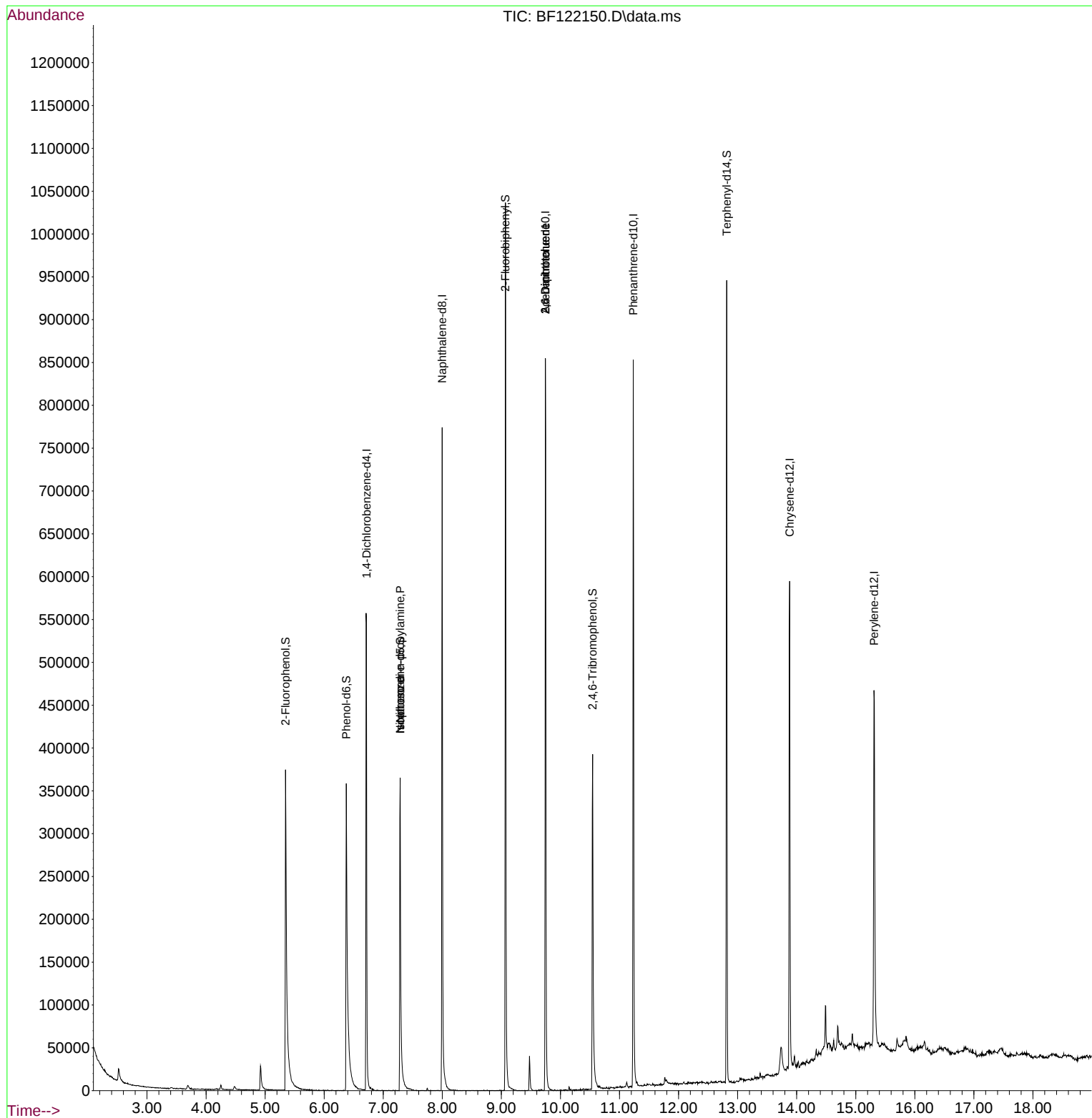
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	92934	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	368580	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	186448	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	319643	20.00	ng	0.00
76) Chrysene-d12	13.880	240	211453	20.00	ng	0.00
86) Perylene-d12	15.310	264	220418	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	188525	29.94	ng	0.01
7) Phenol-d6	6.375	99	229403	28.30	ng	0.00
23) Nitrobenzene-d5	7.286	82	167465	23.30	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	66704	28.92	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	328351	25.91	ng	0.00
79) Terphenyl-d14	12.816	244	275159	24.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.286	70	21071	4.57	ng	Qvalue # 78
25) Isophorone	7.286	82	167465	12.32	ng	# 67
51) 2,6-Dinitrotoluene	9.745	165	23949	8.01	ng	# 20
57) 2,4-Dinitrotoluene	9.745	165	23949	6.50	ng	# 20

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

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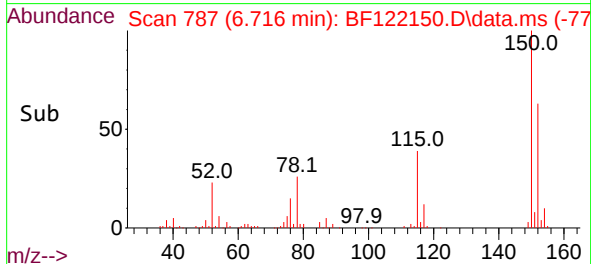
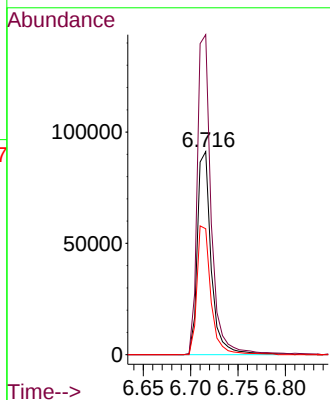
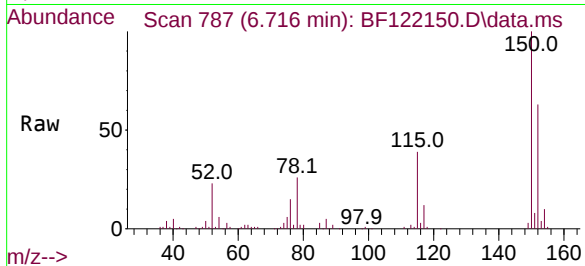




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF122150.D
Acq: 28 Oct 2020 16:26

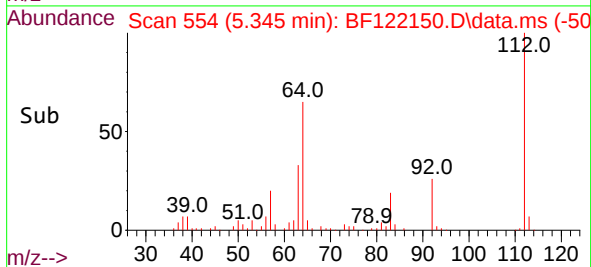
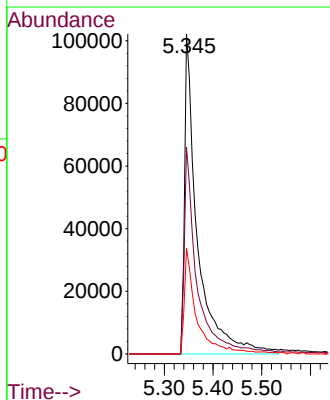
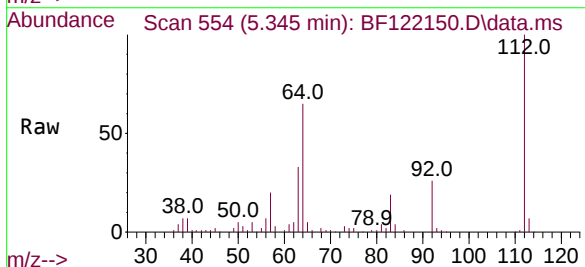
Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:152 Resp: 92934
Ion Ratio Lower Upper
152 100
150 157.7 125.3 187.9
115 62.0 51.9 77.9



#5
2-Fluorophenol
Concen: 29.94 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122150.D
Acq: 28 Oct 2020 16:26

Tgt Ion:112 Resp: 188525
Ion Ratio Lower Upper
112 100
64 64.6 50.4 75.6
63 32.9 25.8 38.6

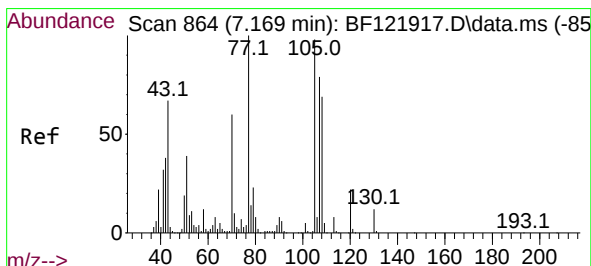
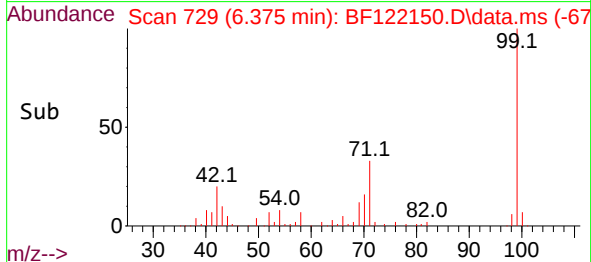
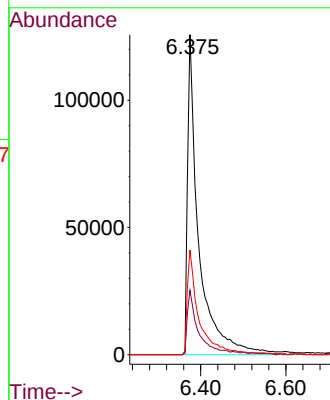
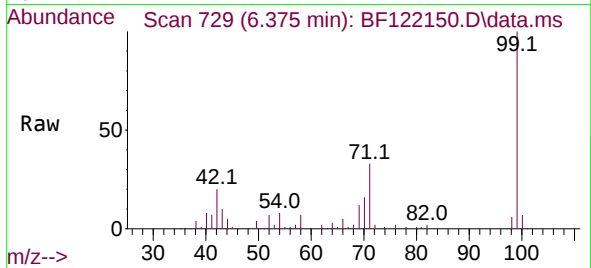




#7
Phenol-d6
Concen: 28.30 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122150.D
Acq: 28 Oct 2020 16:26

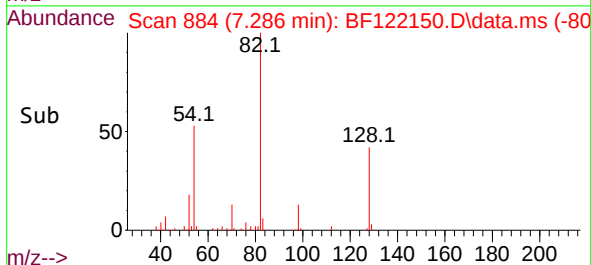
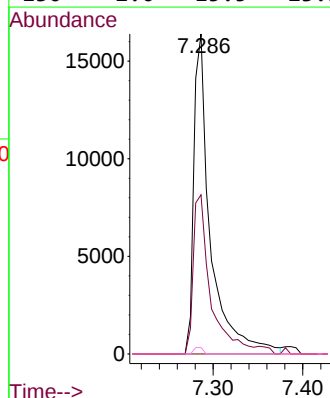
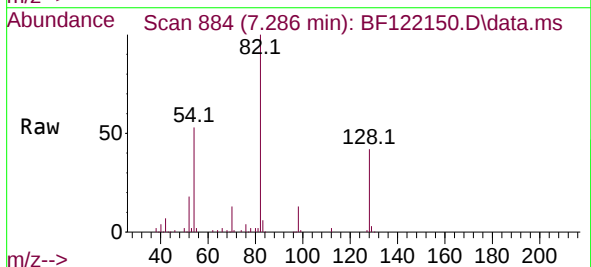
Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion: 99 Resp: 229403
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 32.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 4.57 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF122150.D
Acq: 28 Oct 2020 16:26

Tgt Ion: 70 Resp: 21071
Ion Ratio Lower Upper
70 100
42 49.7 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



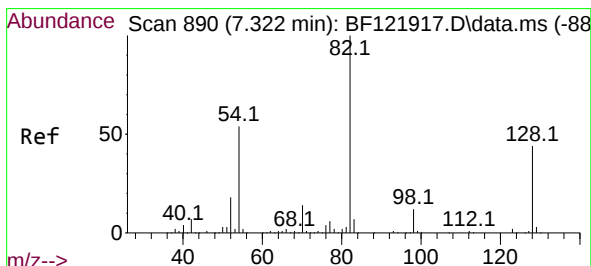
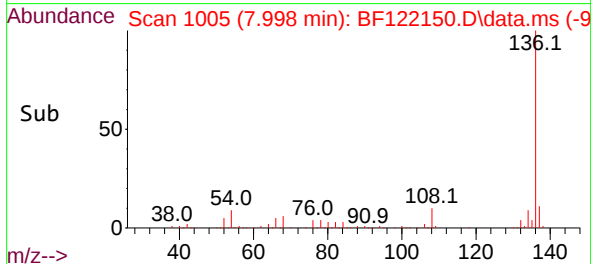
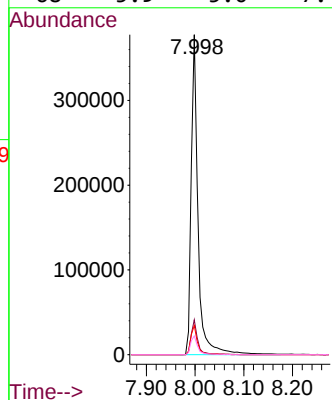
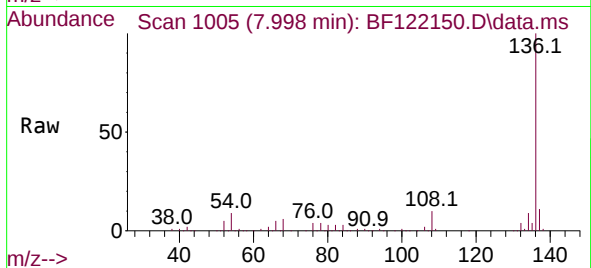


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122150.D
Acq: 28 Oct 2020 16:26

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:136 Resp: 368580

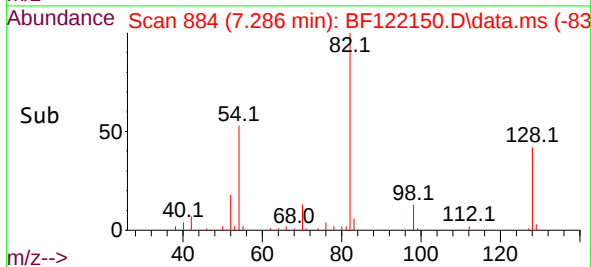
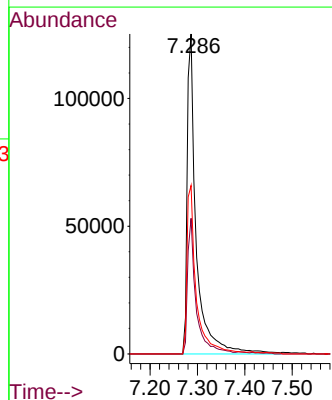
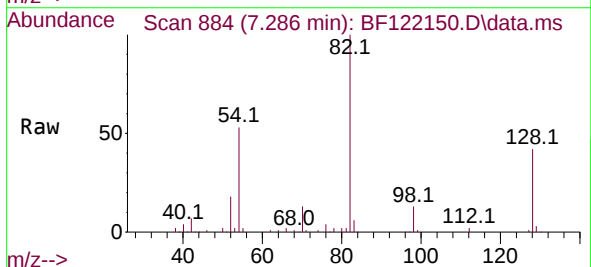
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.1	7.1	10.7
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 23.30 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF122150.D
Acq: 28 Oct 2020 16:26

Tgt Ion: 82 Resp: 167465

Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.0	52.4
54	52.6	43.9	65.9

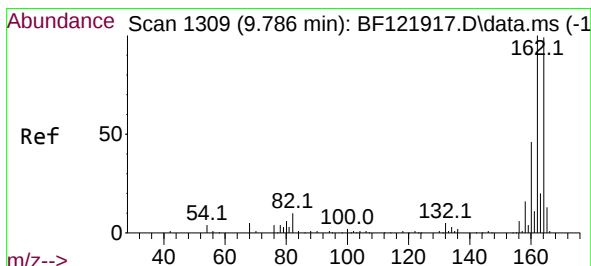
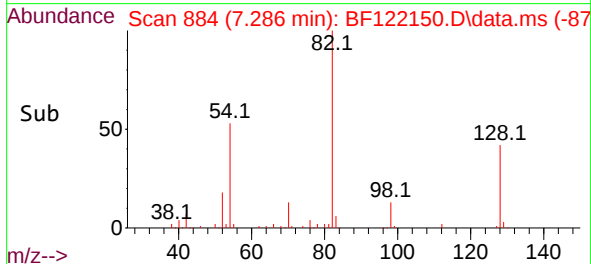
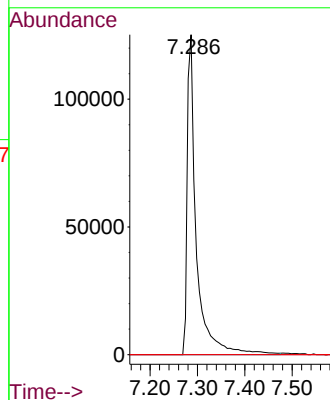
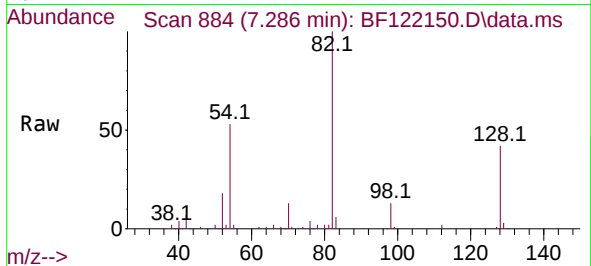




#25
Isophorone
Concen: 12.32 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.259 min
Lab File: BF122150.D
Acq: 28 Oct 2020 16:26

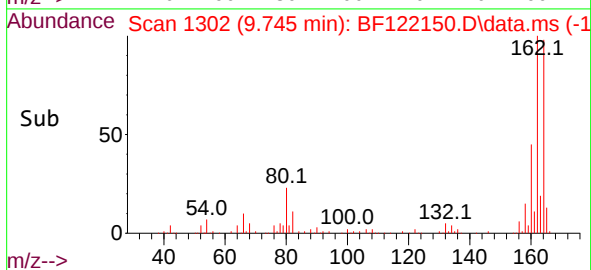
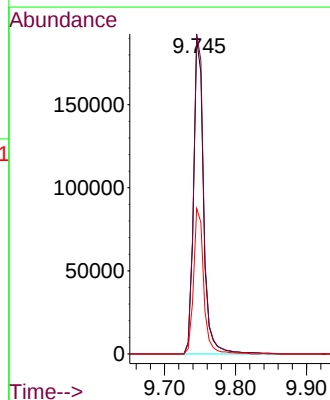
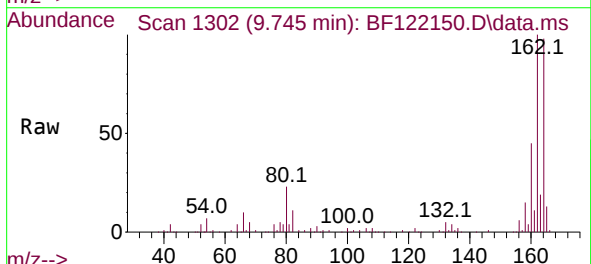
Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion: 82 Resp: 167465
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: BF122150.D
Acq: 28 Oct 2020 16:26

Tgt Ion:164 Resp: 186448
Ion Ratio Lower Upper
164 100
162 101.6 83.2 124.8
160 46.2 37.5 56.3

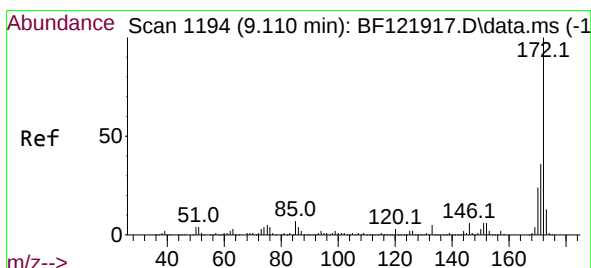
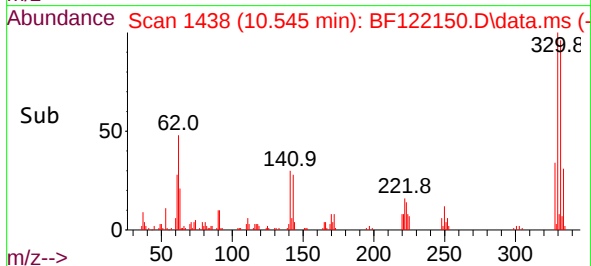
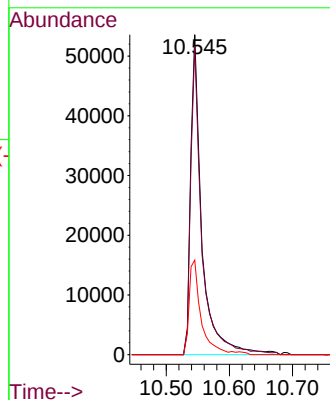
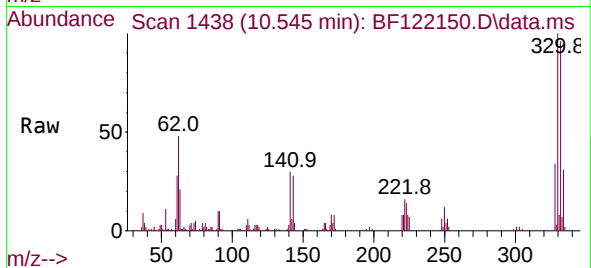




#42
2,4,6-Tribromophenol
Concen: 28.92 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122150.D
Acq: 28 Oct 2020 16:26

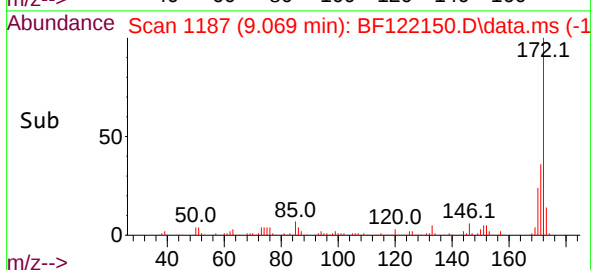
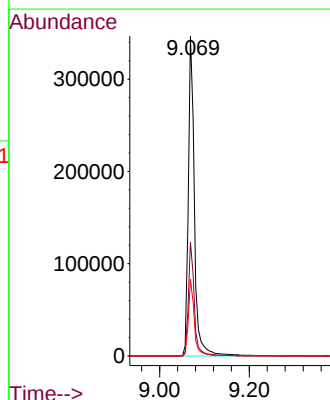
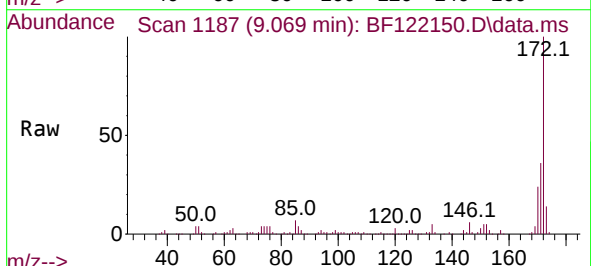
Instrument :
BNA_F
ClientSampleId :
VNJ-232

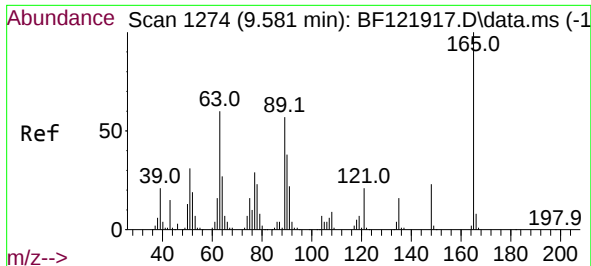
Tgt Ion:330 Resp: 66704
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 31.8 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 25.91 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122150.D
Acq: 28 Oct 2020 16:26

Tgt Ion:172 Resp: 328351
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 24.0 19.8 29.6

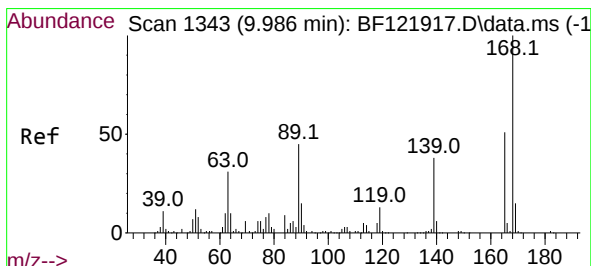
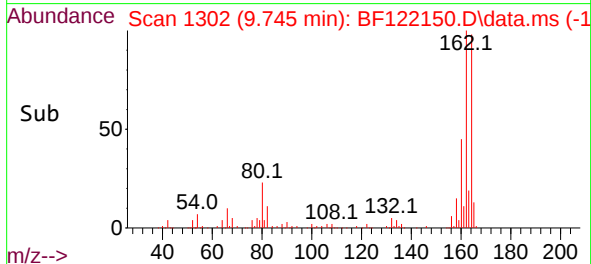
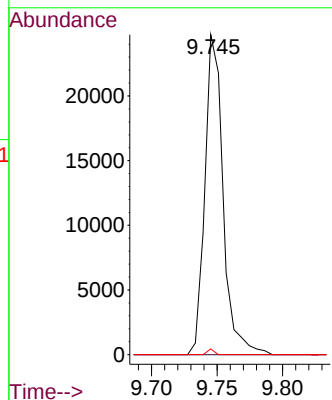
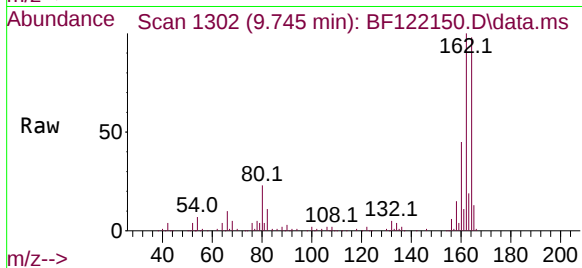




#51
2,6-Dinitrotoluene
Concen: 8.01 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122150.D
Acq: 28 Oct 2020 16:26

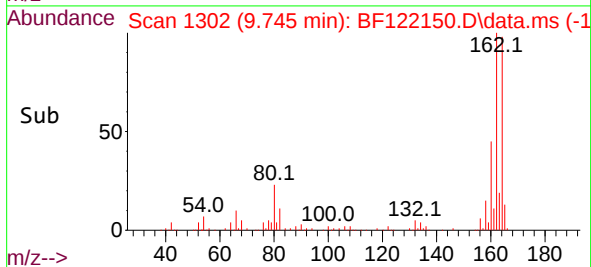
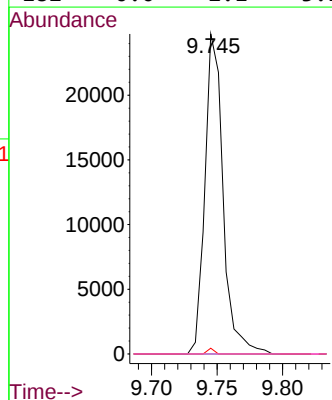
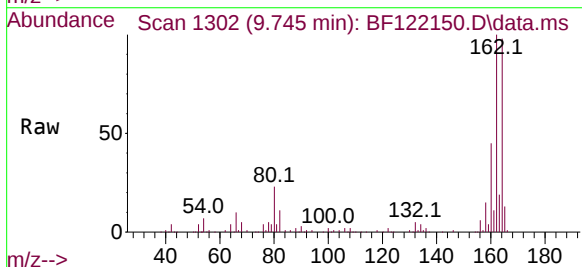
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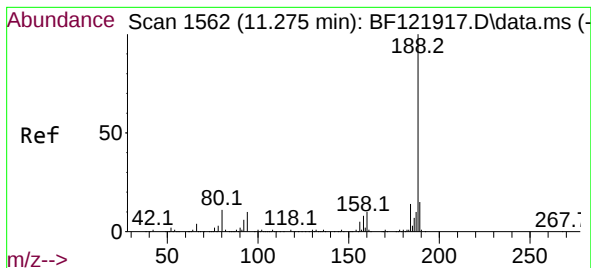
Tgt Ion:165 Resp: 23949
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.6#
89 1.8 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122150.D
Acq: 28 Oct 2020 16:26

Tgt Ion:165 Resp: 23949
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 1.8 61.8 92.8#
182 0.0 2.1 3.1#

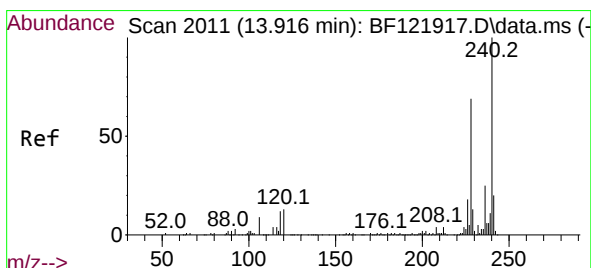
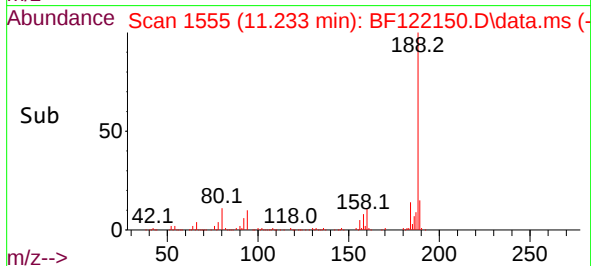
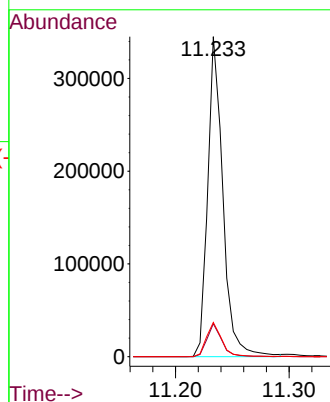
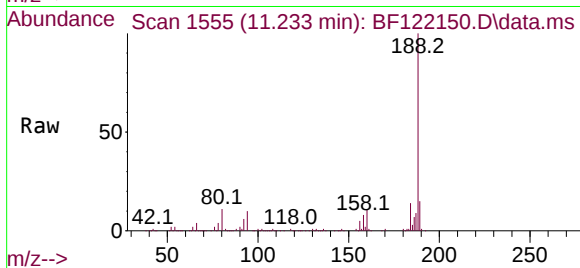




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122150.D
Acq: 28 Oct 2020 16:26

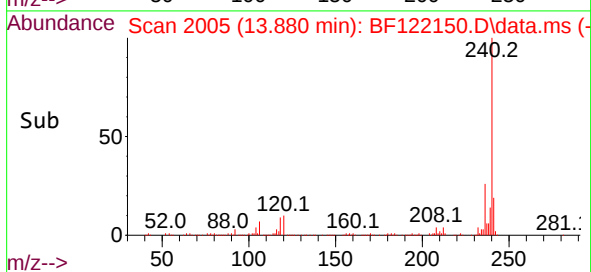
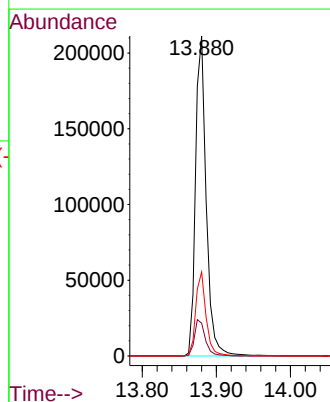
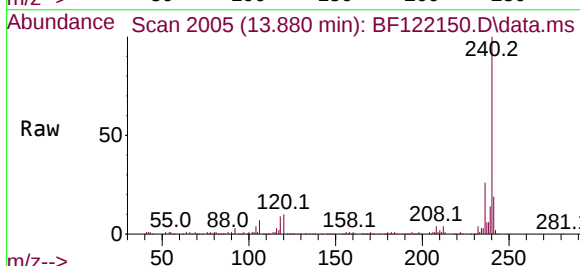
Instrument :
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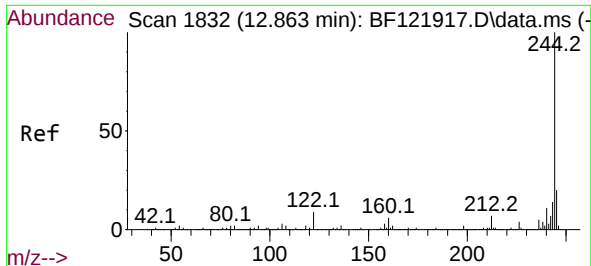
Tgt Ion:188 Resp: 319643
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 10.7 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122150.D
Acq: 28 Oct 2020 16:26

Tgt Ion:240 Resp: 211453
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 26.3 20.9 31.3

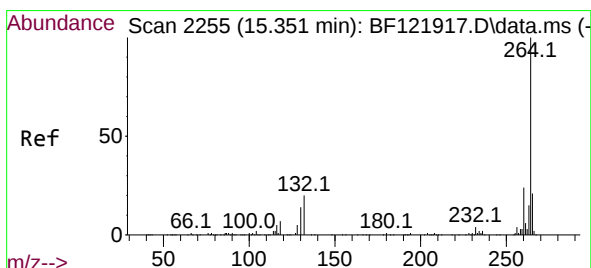
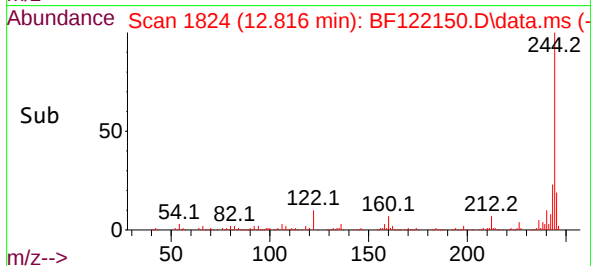
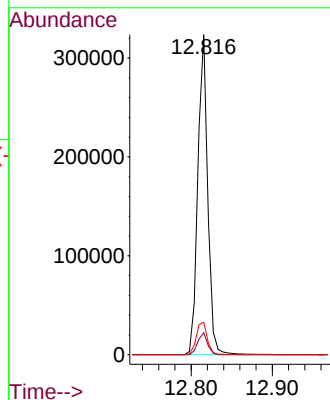
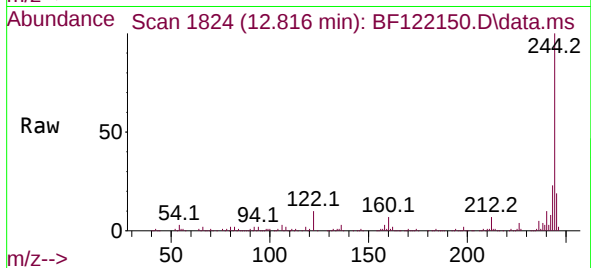




#79
Terphenyl-d14
Concen: 24.80 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122150.D
Acq: 28 Oct 2020 16:26

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:244 Resp: 275159
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 10.2 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.310 min Scan# 2248
Delta R.T. 0.006 min
Lab File: BF122150.D
Acq: 28 Oct 2020 16:26

Tgt Ion:264 Resp: 220418
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.9 17.3 25.9

