

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
 Data File : BF122162.D
 Acq On : 29 Oct 2020 12:12
 Operator : JU/CG
 Sample : L4527-06RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232RE

Quant Time: Oct 29 12:50:48 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)

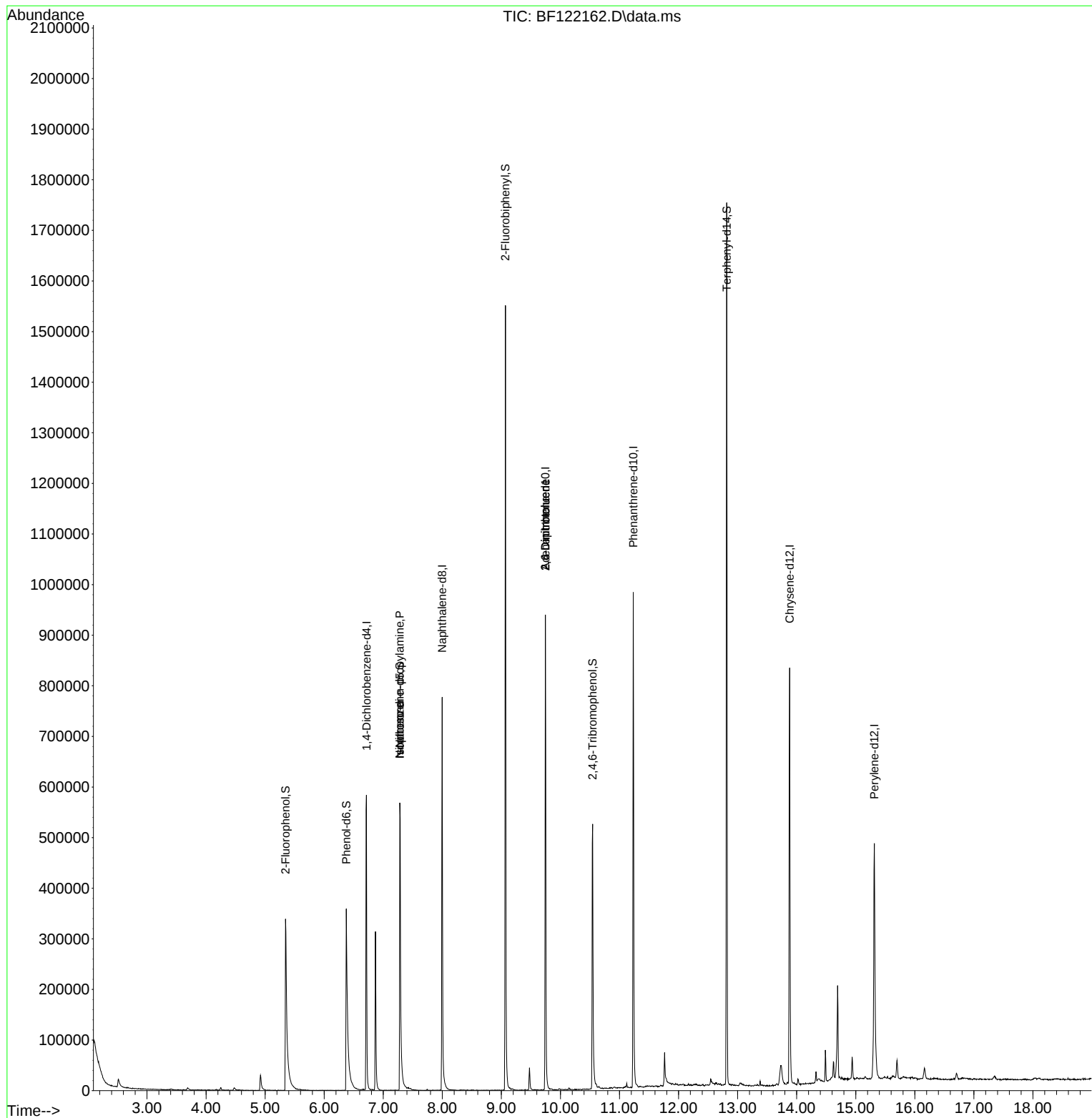
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	93988	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	370109	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	190310	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	367037	20.00	ng	0.00
76) Chrysene-d12	13.880	240	300311	20.00	ng	0.00
86) Perylene-d12	15.315	264	259834	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	189466	29.75	ng	0.01
7) Phenol-d6	6.375	99	234812	28.64	ng	0.00
23) Nitrobenzene-d5	7.281	82	249042	34.51	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	80166	34.05	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	472428	36.52	ng	0.00
79) Terphenyl-d14	12.816	244	519608	32.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.281	70	32937	7.06	ng	Qvalue # 84
25) Isophorone	7.281	82	249040	18.25	ng	# 67
51) 2,6-Dinitrotoluene	9.745	165	23853	7.81	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	23853	6.35	ng	# 20

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

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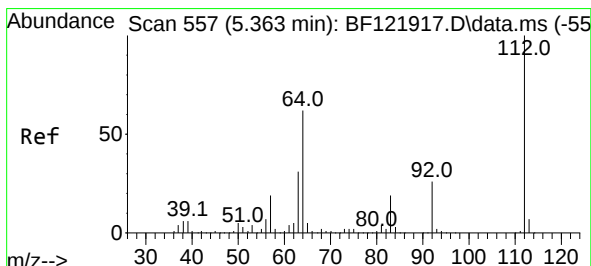
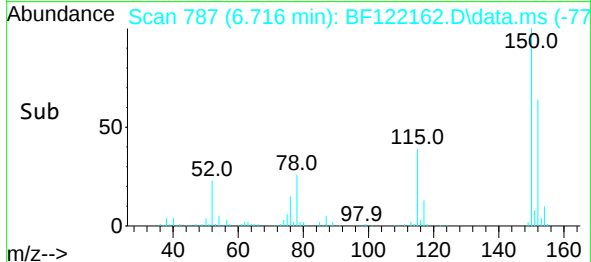
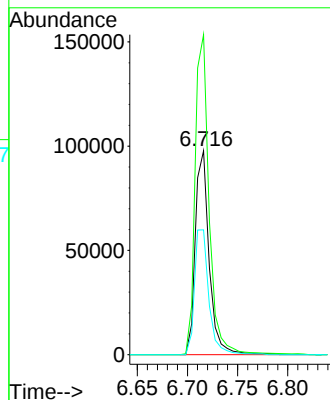
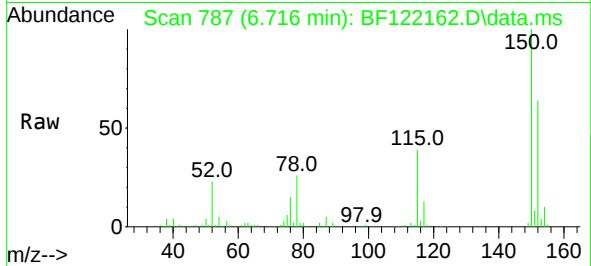




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF122162.D
Acq: 29 Oct 2020 12:12

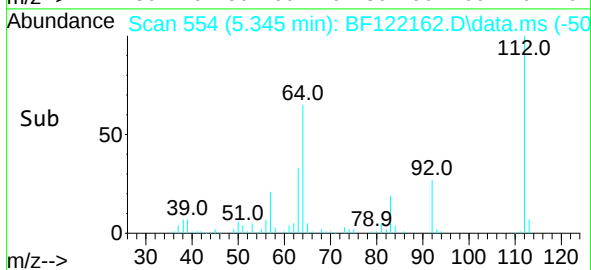
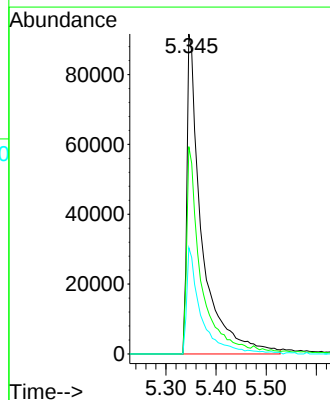
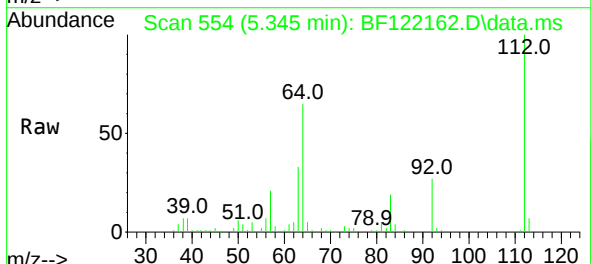
Instrument :
BNA_F
ClientSampleId :
VNJ-232RE

Tgt Ion:152 Resp: 93988
Ion Ratio Lower Upper
152 100
150 157.0 125.3 187.9
115 61.2 51.9 77.9



#5
2-Fluorophenol
Concen: 29.75 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122162.D
Acq: 29 Oct 2020 12:12

Tgt Ion:112 Resp: 189466
Ion Ratio Lower Upper
112 100
64 64.8 50.4 75.6
63 33.2 25.8 38.6

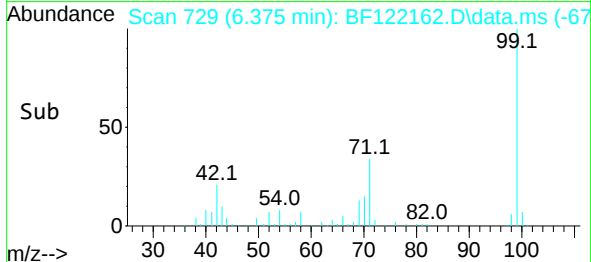
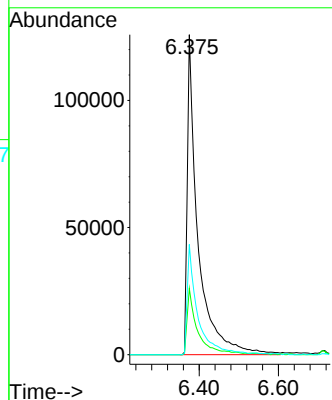
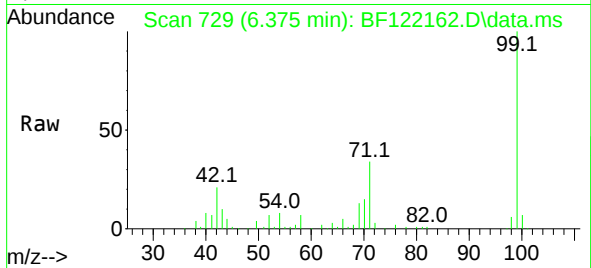




#7
Phenol-d6
Concen: 28.64 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122162.D
Acq: 29 Oct 2020 12:12

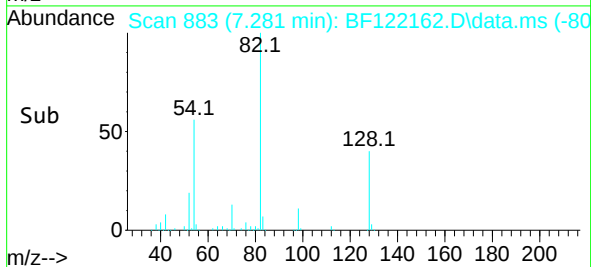
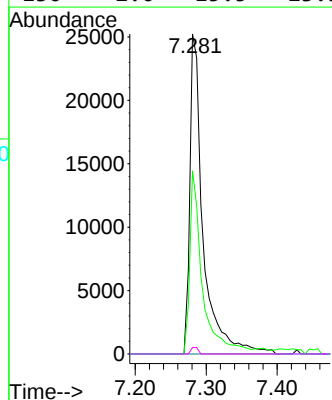
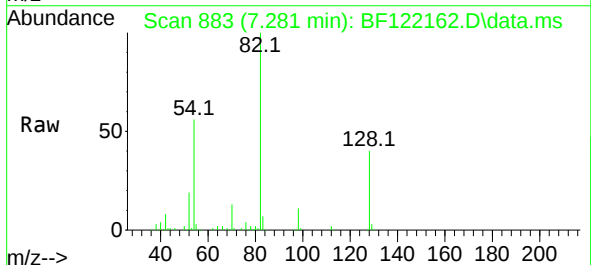
Instrument :
BNA_F
ClientSampleId :
VNJ-232RE

Tgt Ion: 99 Resp: 234812
Ion Ratio Lower Upper
99 100
42 20.7 15.9 23.9
71 34.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 7.06 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122162.D
Acq: 29 Oct 2020 12:12

Tgt Ion: 70 Resp: 32937
Ion Ratio Lower Upper
70 100
42 57.2 50.2 75.4
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



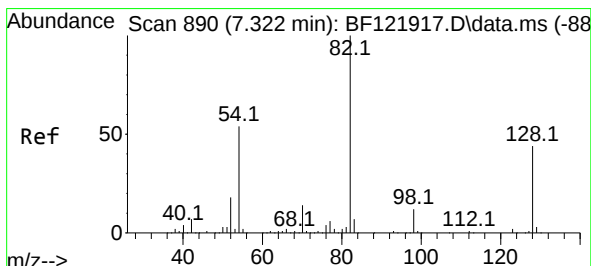
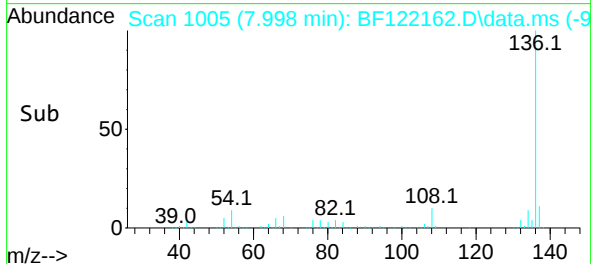
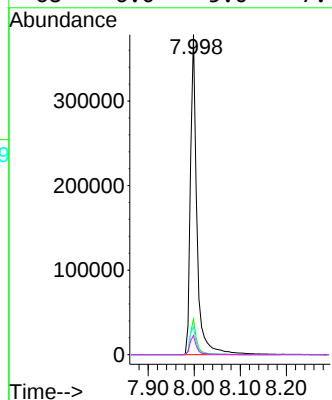
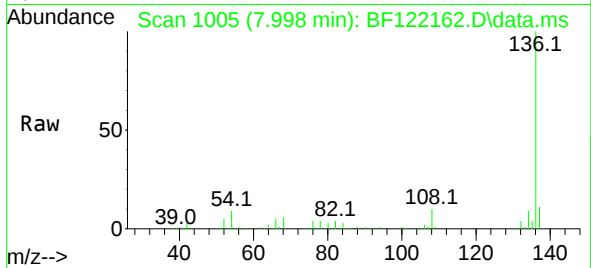


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122162.D
Acq: 29 Oct 2020 12:12

Instrument :
BNA_F
ClientSampleId :
VNJ-232RE

Tgt Ion:136 Resp: 370109

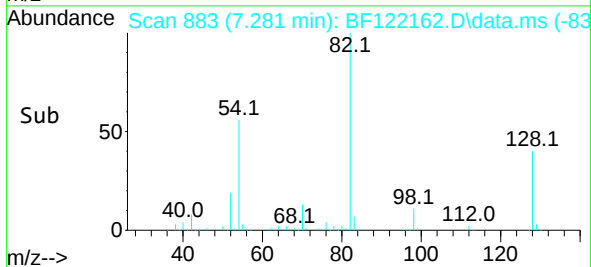
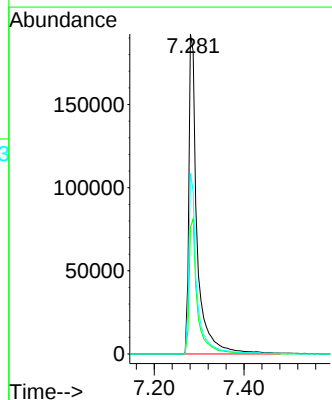
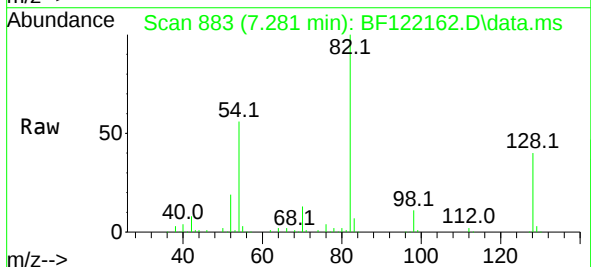
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.7	7.1	10.7
68	6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 34.51 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122162.D
Acq: 29 Oct 2020 12:12

Tgt Ion: 82 Resp: 249042

Ion	Ratio	Lower	Upper
82	100		
128	39.5	35.0	52.4
54	56.4	43.9	65.9

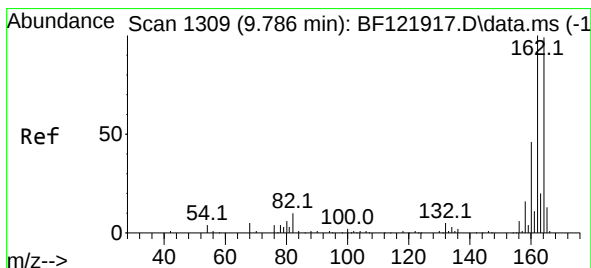
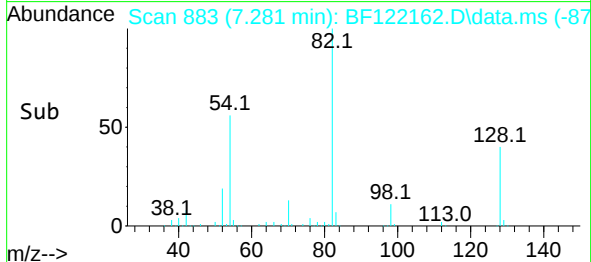
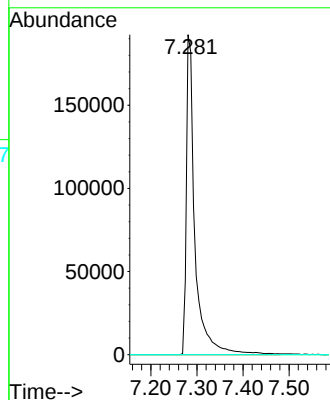
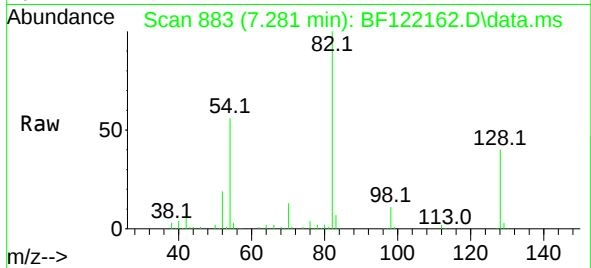




#25
Isophorone
Concen: 18.25 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122162.D
Acq: 29 Oct 2020 12:12

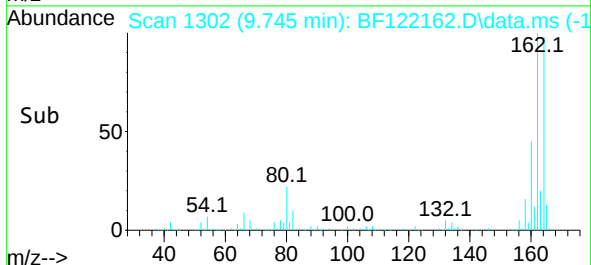
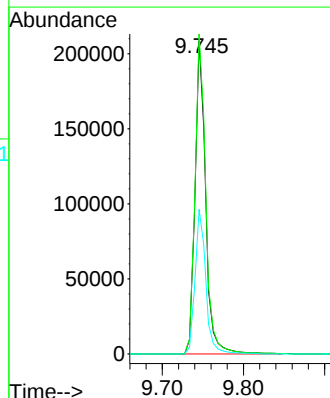
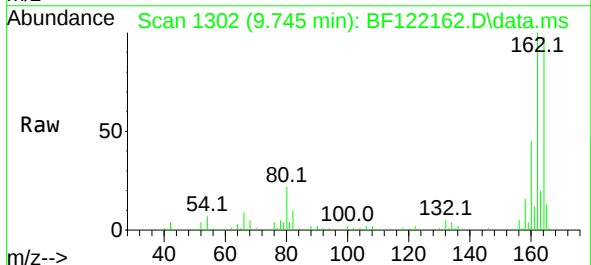
Instrument :
BNA_F
ClientSampleId :
VNJ-232RE

Tgt Ion: 82 Resp: 249040
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: BF122162.D
Acq: 29 Oct 2020 12:12

Tgt Ion:164 Resp: 190310
Ion Ratio Lower Upper
164 100
162 102.1 83.2 124.8
160 46.2 37.5 56.3

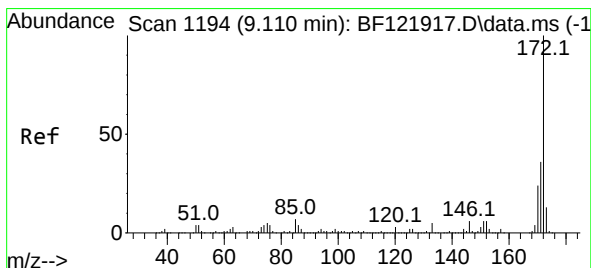
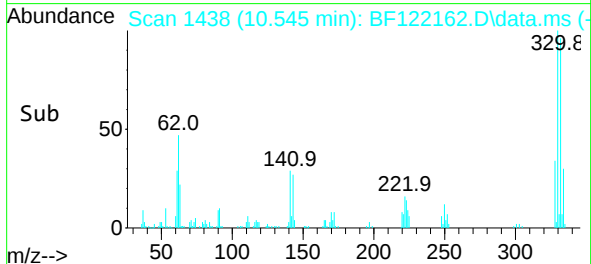
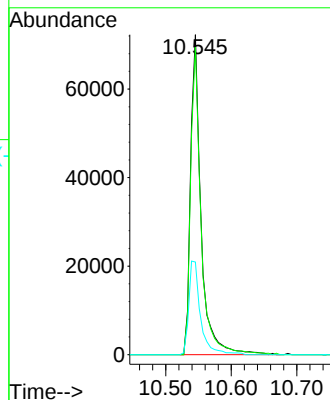
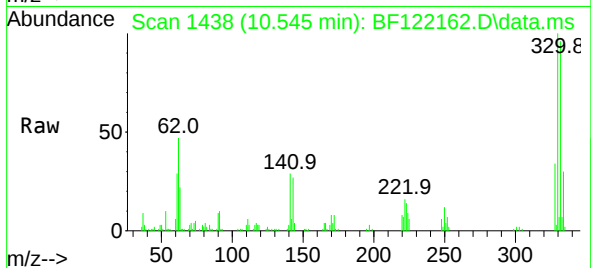




#42
2,4,6-Tribromophenol
Concen: 34.05 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122162.D
Acq: 29 Oct 2020 12:12

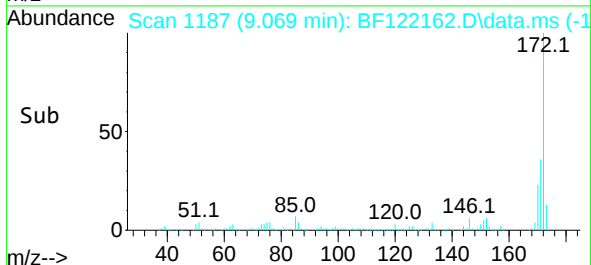
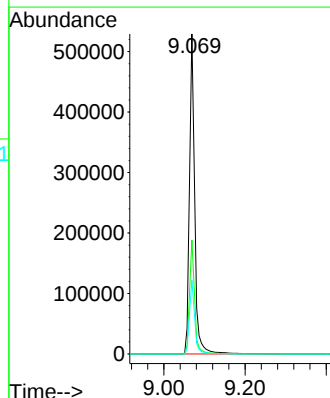
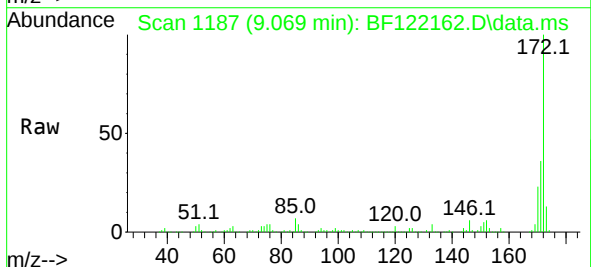
Instrument :
BNA_F
ClientSampleId :
VNJ-232RE

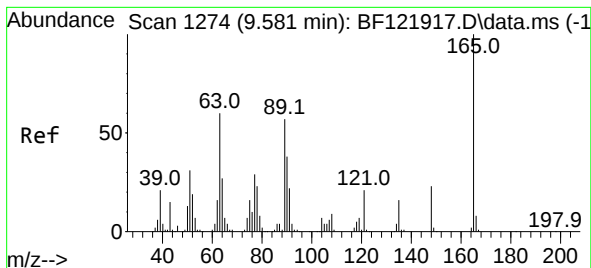
Tgt Ion:330 Resp: 80166
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 32.6 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 36.52 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122162.D
Acq: 29 Oct 2020 12:12

Tgt Ion:172 Resp: 472428
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 23.0 19.8 29.6

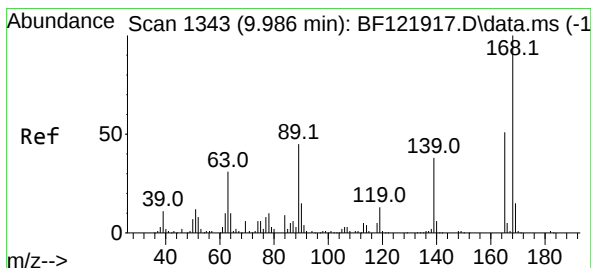
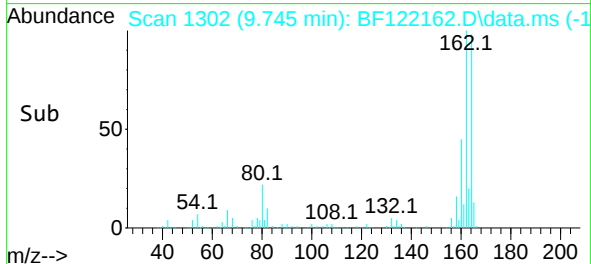
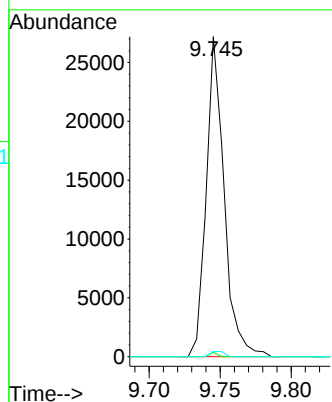
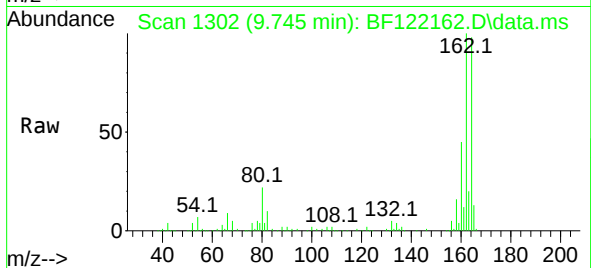




#51
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122162.D
Acq: 29 Oct 2020 12:12

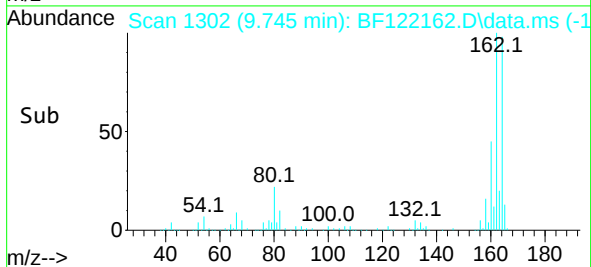
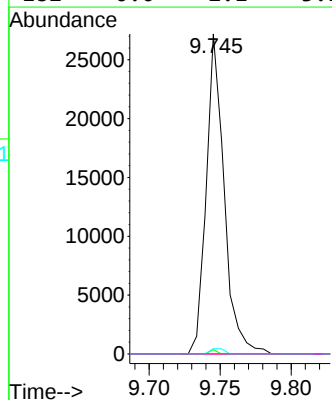
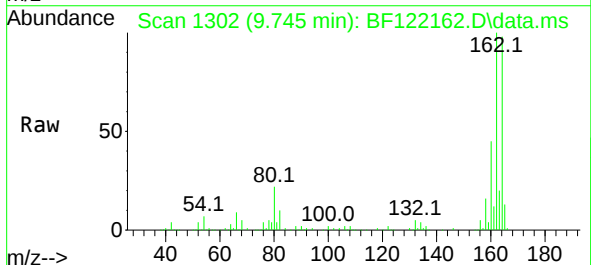
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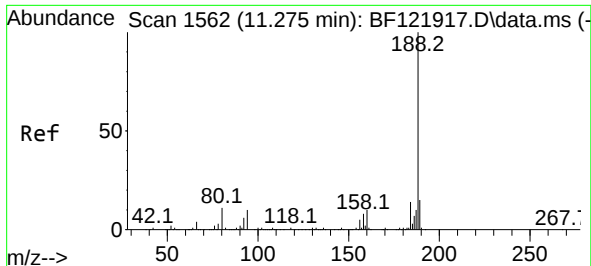
Tgt Ion:165 Resp: 23853
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.7 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122162.D
Acq: 29 Oct 2020 12:12

Tgt Ion:165 Resp: 23853
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#

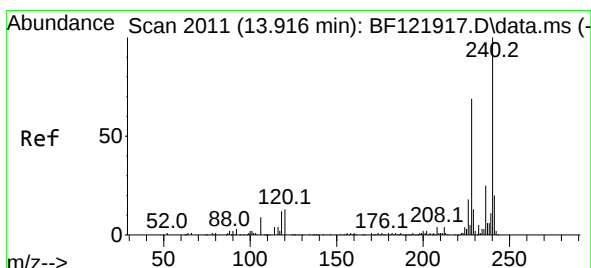
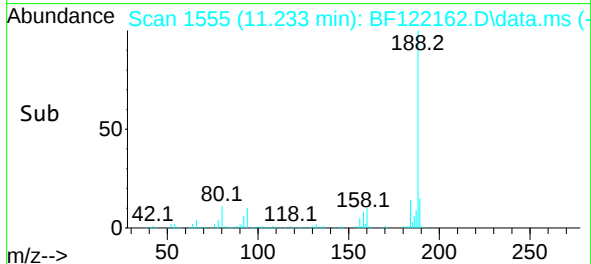
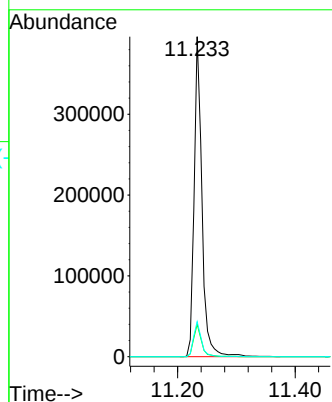
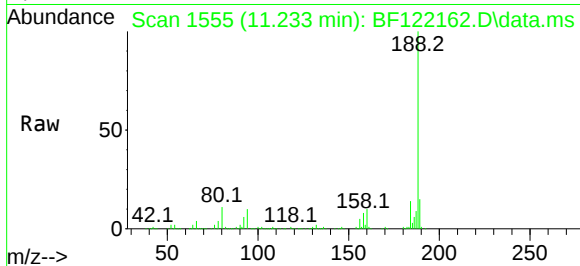




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122162.D
Acq: 29 Oct 2020 12:12

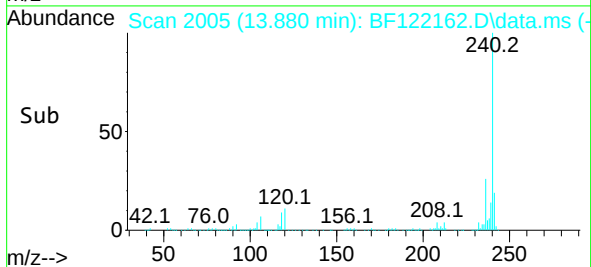
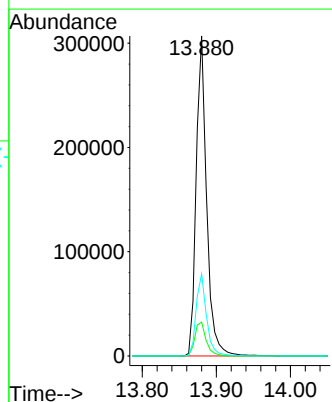
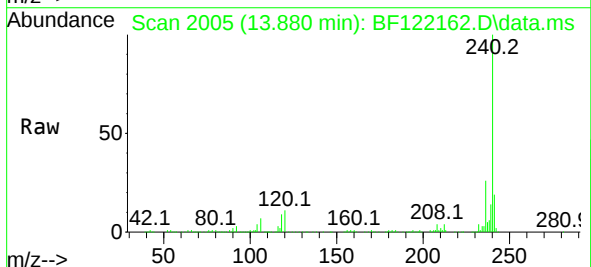
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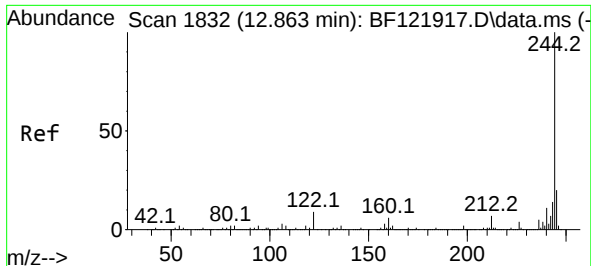
Tgt Ion:188 Resp: 367037
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 11.0 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122162.D
Acq: 29 Oct 2020 12:12

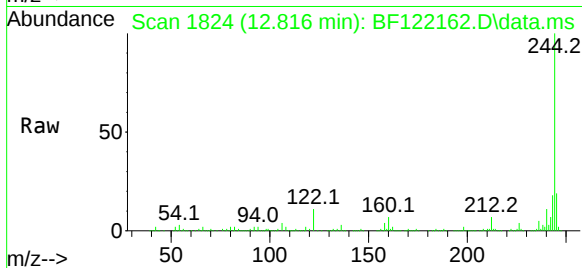
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Ion Ratio Lower Upper
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120 10.6 9.2 13.8
236 25.7 20.9 31.3



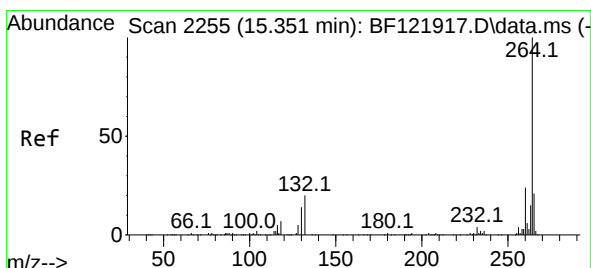
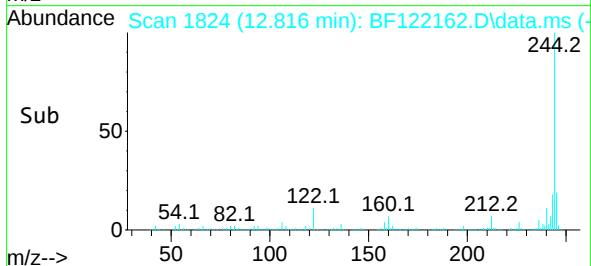
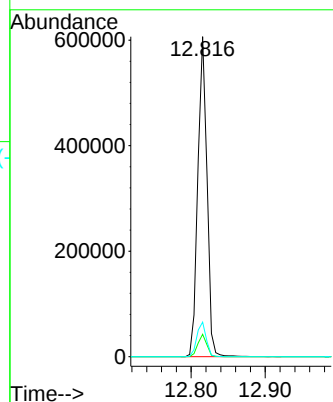


#79
 Terphenyl-d14
 Concen: 32.97 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF122162.D
 Acq: 29 Oct 2020 12:12

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232RE



Tgt Ion:244 Resp: 519608
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.8 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: BF122162.D
 Acq: 29 Oct 2020 12:12

Tgt Ion:264 Resp: 259834
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 20.8 17.3 25.9

