

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
 Data File : BF122145.D
 Acq On : 28 Oct 2020 13:50
 Operator : JU/CG
 Sample : L4527-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

Quant Time: Oct 28 14:16:30 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	101081	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	400563	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	203137	20.00	ng	0.00
64) Phenanthrene-d10	11.239	188	335866	20.00	ng	0.00
76) Chrysene-d12	13.880	240	279007	20.00	ng	0.00
86) Perylene-d12	15.310	264	231587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	574405	83.87	ng	0.00
7) Phenol-d6	6.369	99	724589	82.19	ng	0.00
23) Nitrobenzene-d5	7.281	82	463406	59.33	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	199534	79.41	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	710583	51.47	ng	0.00
79) Terphenyl-d14	12.822	244	679026	46.38	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1117	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.281	70	61770	12.31	ng	# 80
25) Isophorone	7.281	82	463403	31.38	ng	# 67
50) Dimethylphthalate	9.469	163	135511	9.12	ng	100
57) 2,4-Dinitrotoluene	9.745	165	26807	6.68	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.451	198	264	4.54	ng	# 1
70) Pentachlorophenol	11.069	266	238	8.07	ng	# 11

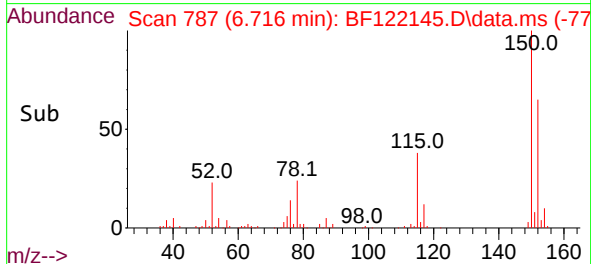
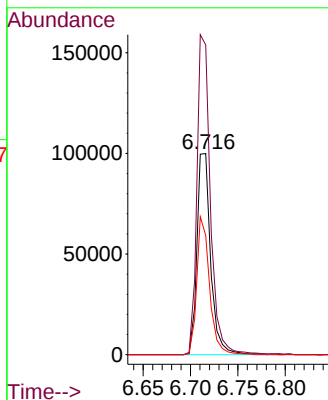
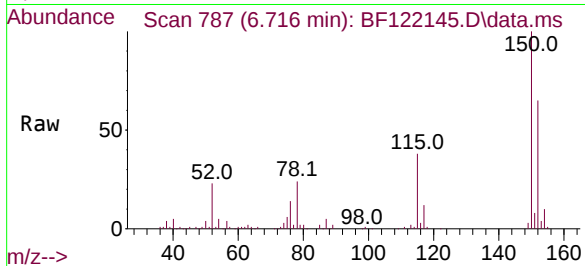
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF122145.D
Acq: 28 Oct 2020 13:50

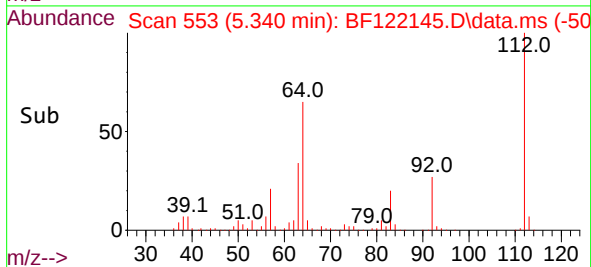
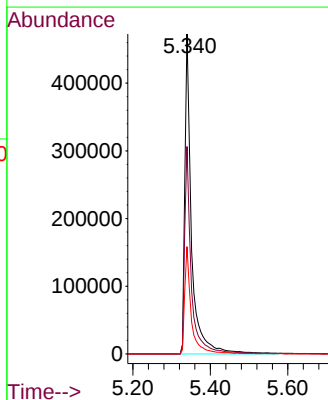
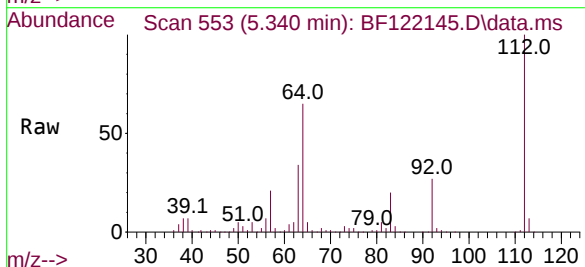
Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:152 Resp: 101081
Ion Ratio Lower Upper
152 100
150 154.0 125.3 187.9
115 59.3 51.9 77.9



#5
2-Fluorophenol
Concen: 83.87 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122145.D
Acq: 28 Oct 2020 13:50

Tgt Ion:112 Resp: 574405
Ion Ratio Lower Upper
112 100
64 64.8 50.4 75.6
63 33.5 25.8 38.6

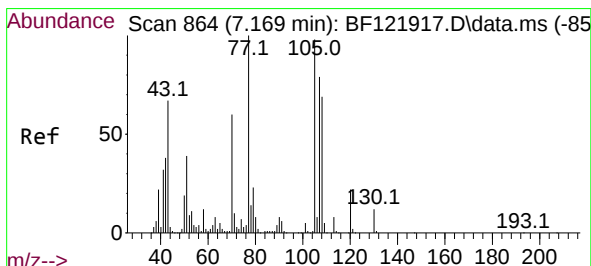
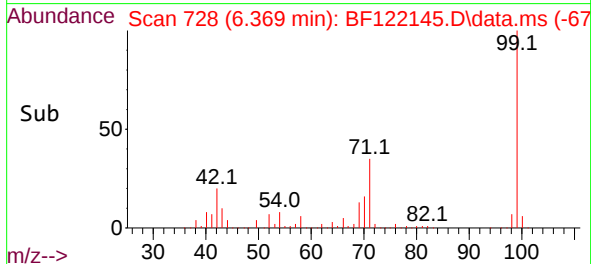
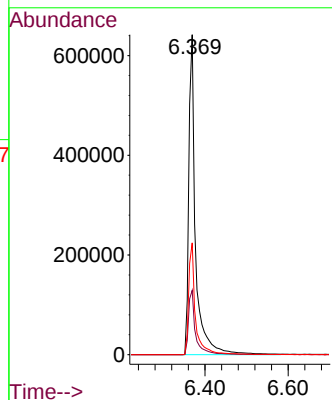
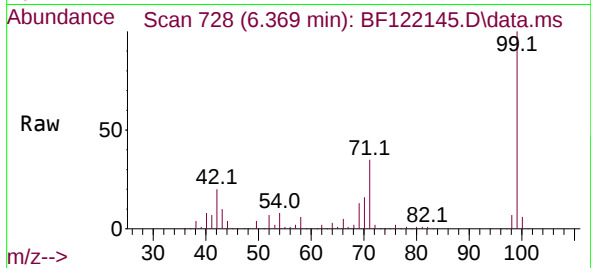




#7
Phenol-d6
Concen: 82.19 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF122145.D
Acq: 28 Oct 2020 13:50

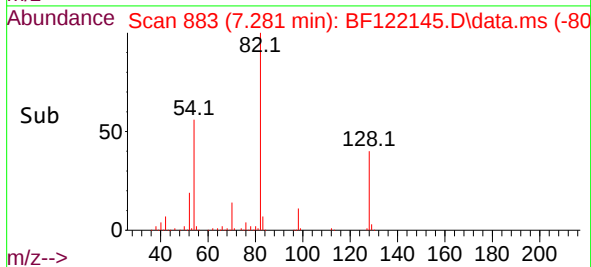
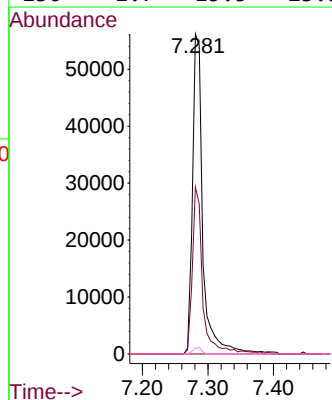
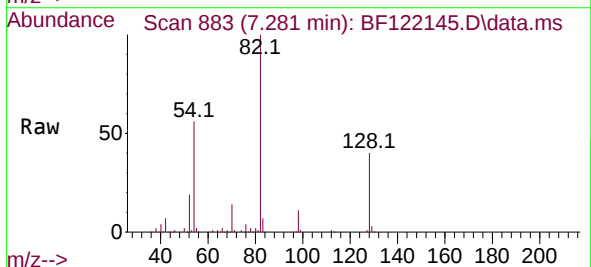
Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion: 99 Resp: 724589
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 34.9 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.31 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122145.D
Acq: 28 Oct 2020 13:50

Tgt Ion: 70 Resp: 61770
Ion Ratio Lower Upper
70 100
42 52.2 50.2 75.4
101 0.0 7.5 11.3#
130 1.7 15.5 23.3#



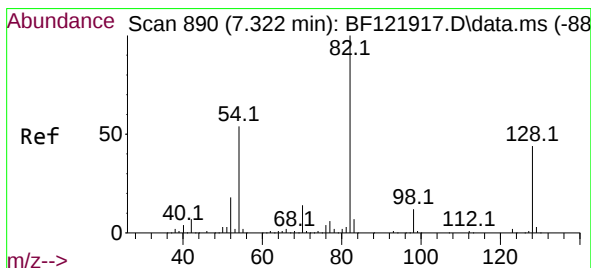
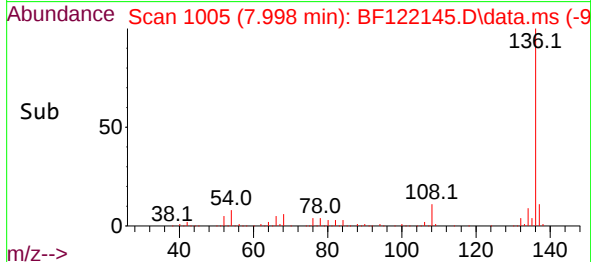
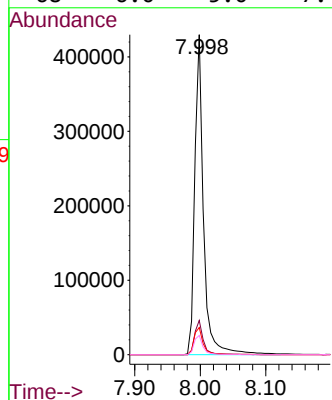
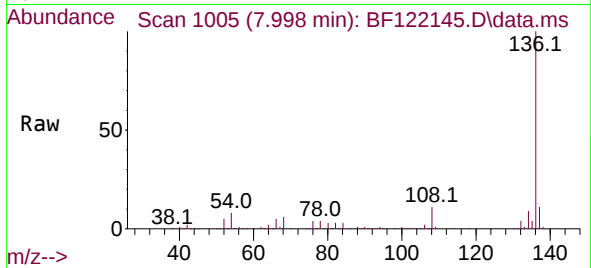


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF122145.D
Acq: 28 Oct 2020 13:50

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:136 Resp: 400563

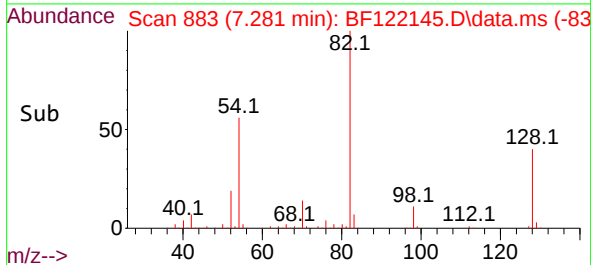
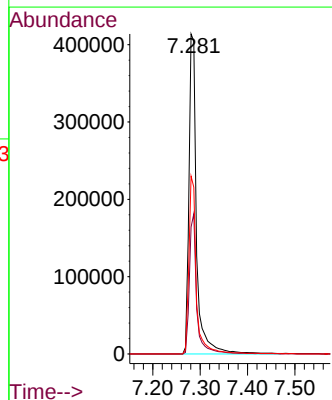
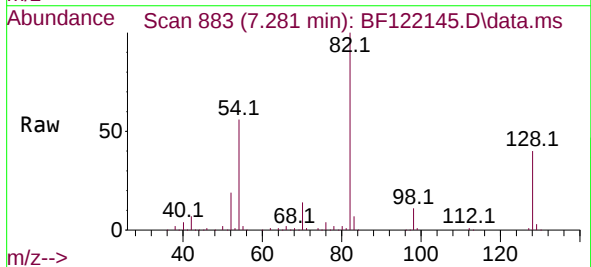
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.5	7.1	10.7
68	6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 59.33 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122145.D
Acq: 28 Oct 2020 13:50

Tgt Ion: 82 Resp: 463406

Ion	Ratio	Lower	Upper
82	100		
128	39.7	35.0	52.4
54	55.5	43.9	65.9

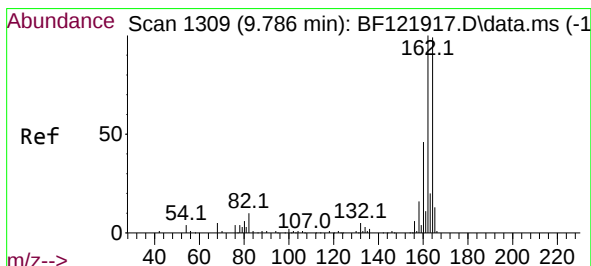
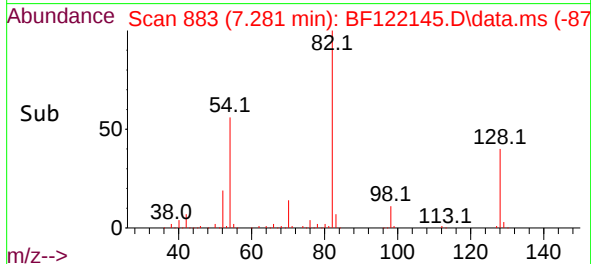
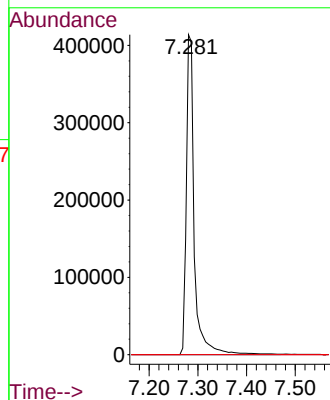
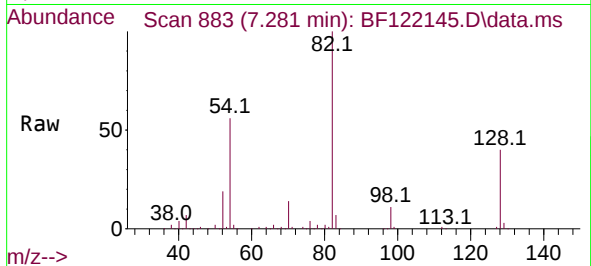




#25
Isophorone
Concen: 31.38 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122145.D
Acq: 28 Oct 2020 13:50

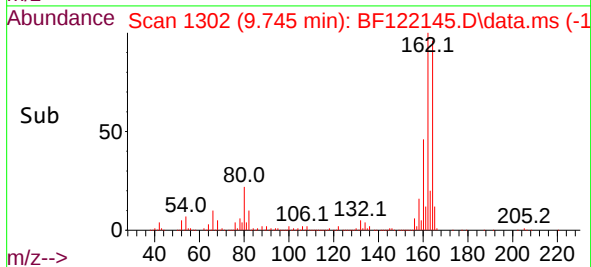
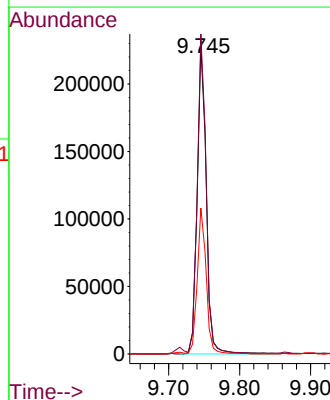
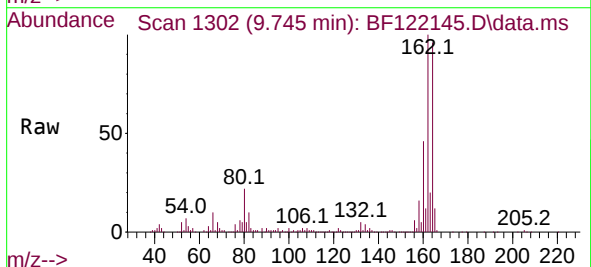
Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion: 82 Resp: 463403
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: BF122145.D
Acq: 28 Oct 2020 13:50

Tgt Ion:164 Resp: 203137
Ion Ratio Lower Upper
164 100
162 104.0 83.2 124.8
160 47.4 37.5 56.3

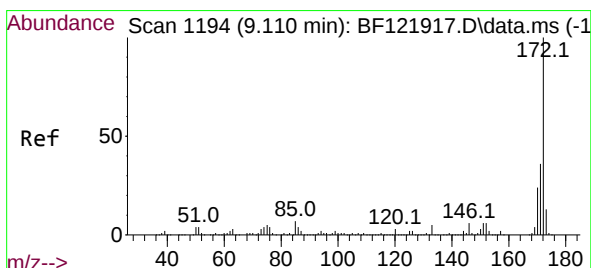
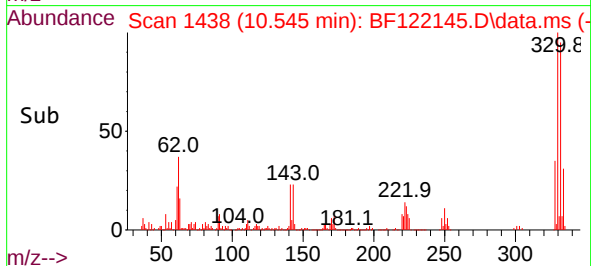
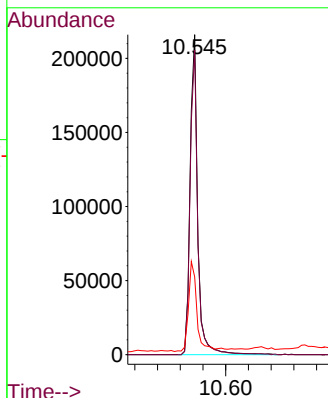
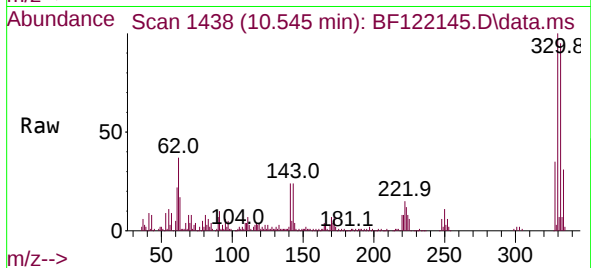




#42
2,4,6-Tribromophenol
Concen: 79.41 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF122145.D
Acq: 28 Oct 2020 13:50

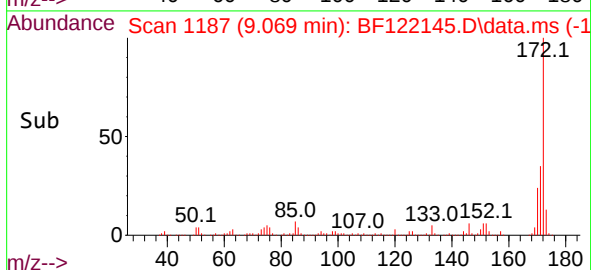
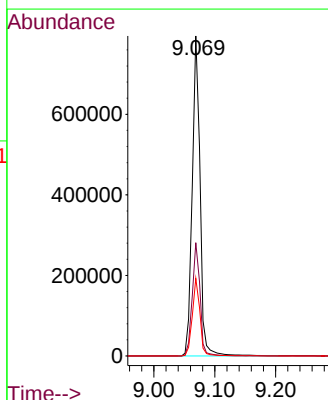
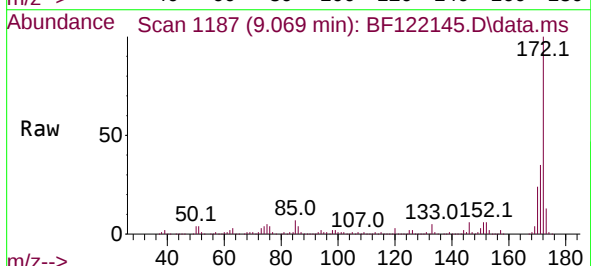
Instrument :
BNA_F
ClientSampleId :
VNJ-232

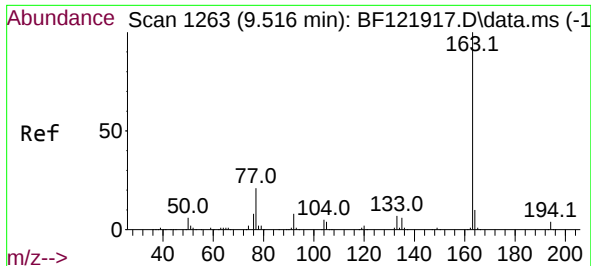
Tgt Ion:330 Resp: 199534
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 30.9 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 51.47 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122145.D
Acq: 28 Oct 2020 13:50

Tgt Ion:172 Resp: 710583
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 24.3 19.8 29.6

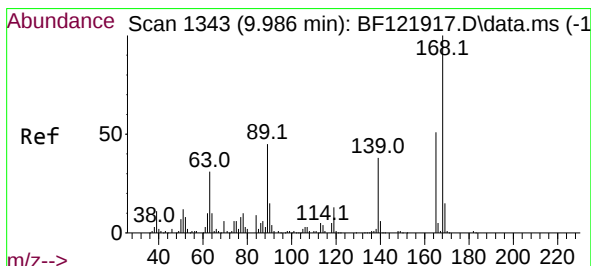
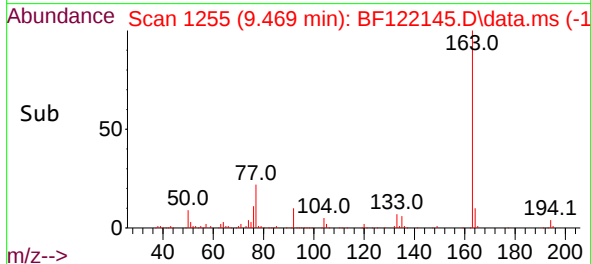
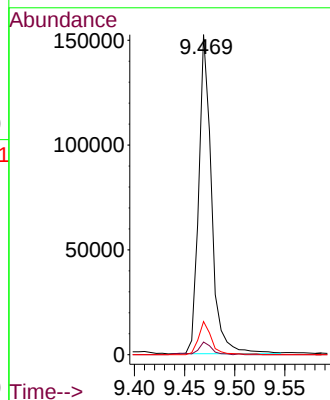
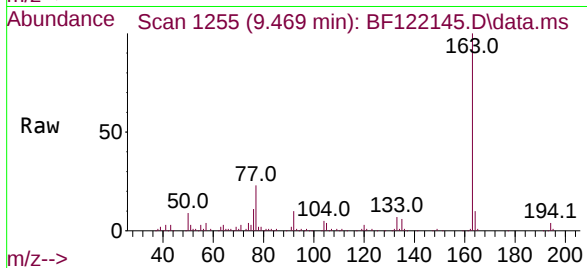




#50
Dimethylphthalate
Concen: 9.12 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122145.D
Acq: 28 Oct 2020 13:50

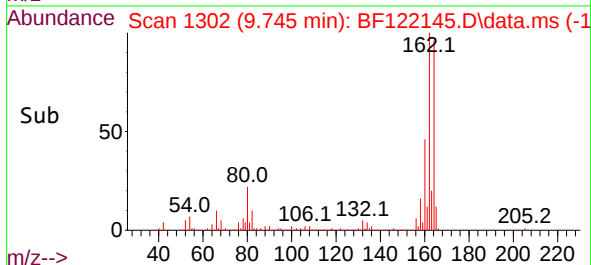
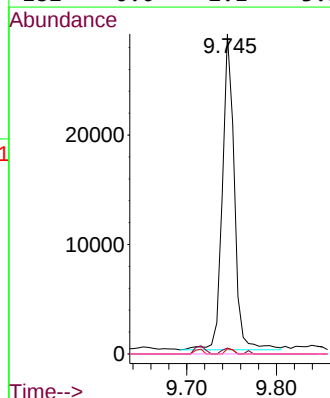
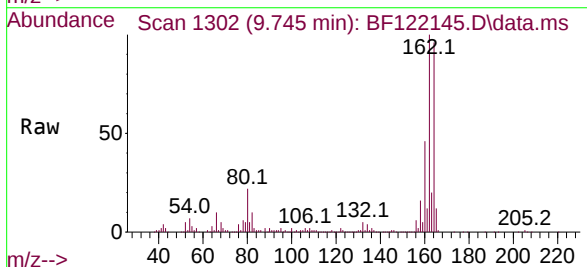
Instrument :
BNA_F
ClientSampleId :
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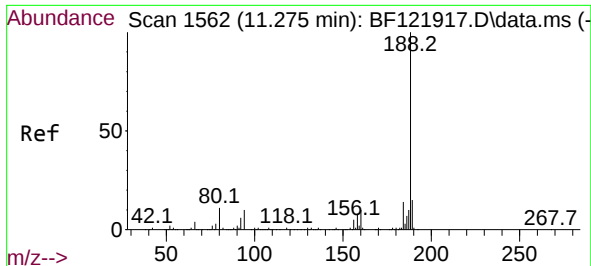
Tgt Ion:163 Resp: 135511
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.68 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122145.D
Acq: 28 Oct 2020 13:50

Tgt Ion:165 Resp: 26807
Ion Ratio Lower Upper
165 100
63 1.8 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#

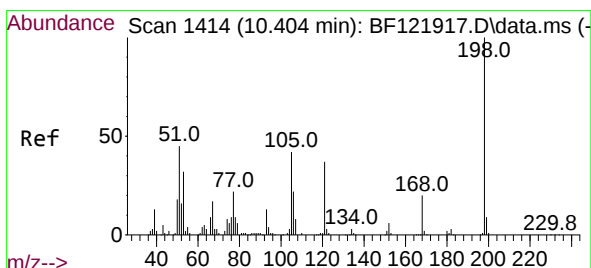
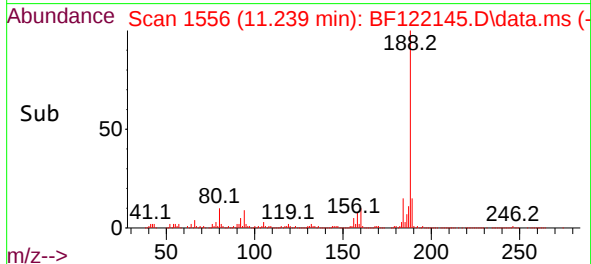
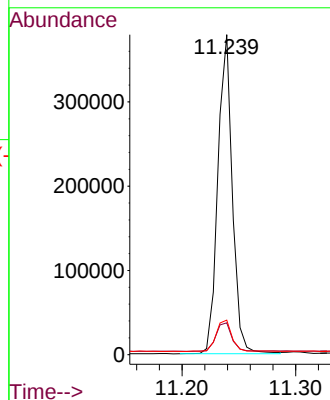
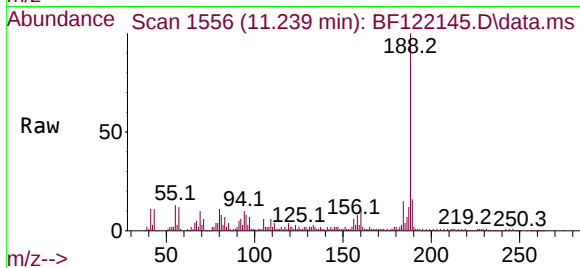




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF122145.D
Acq: 28 Oct 2020 13:50

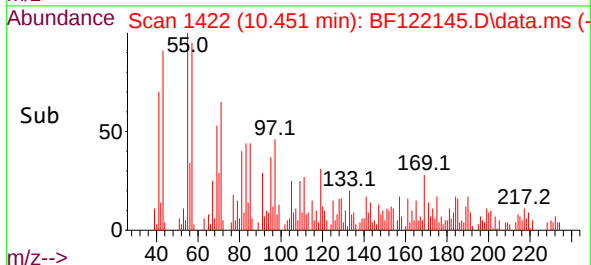
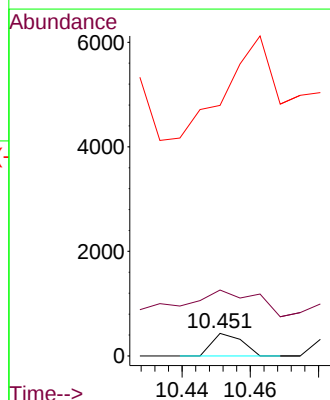
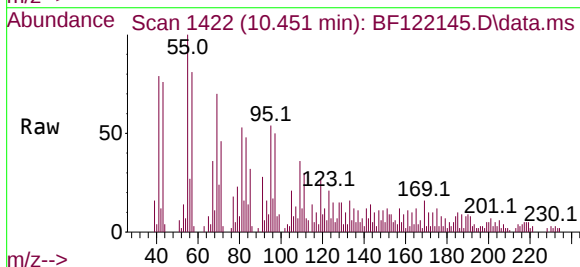
Instrument :
BNA_F
ClientSampleId :
VNJ-232

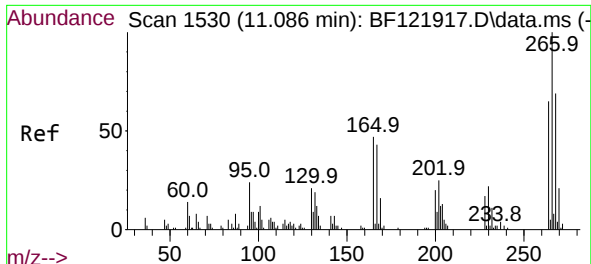
Tgt Ion:188 Resp: 335866
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.8 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.54 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.077 min
Lab File: BF122145.D
Acq: 28 Oct 2020 13:50

Tgt Ion:198 Resp: 264
Ion Ratio Lower Upper
198 100
51 292.1 29.6 69.6#
105 1109.3 24.4 64.4#

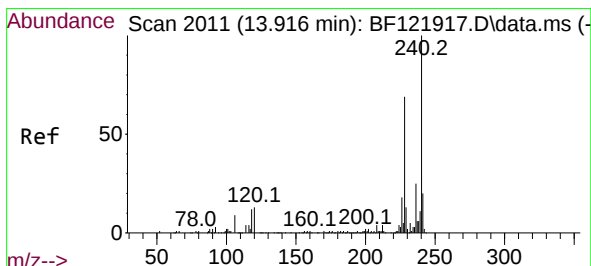
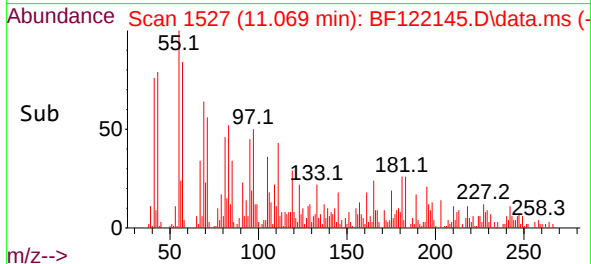
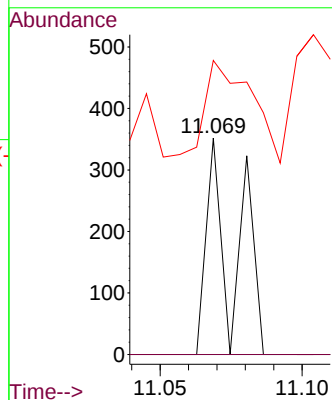
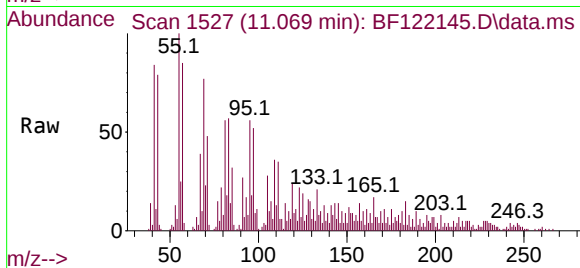




#70
Pentachlorophenol
Concen: 8.07 ng
RT: 11.069 min Scan# 1527
Delta R.T. 0.012 min
Lab File: BF122145.D
Acq: 28 Oct 2020 13:50

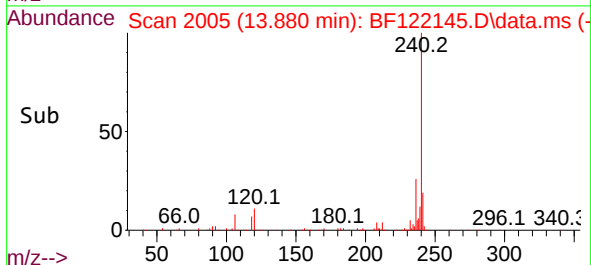
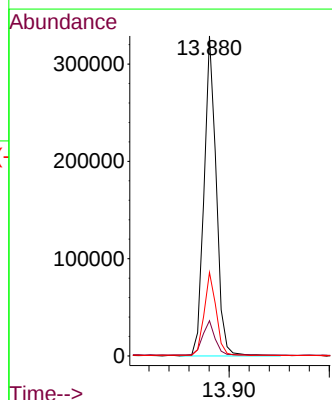
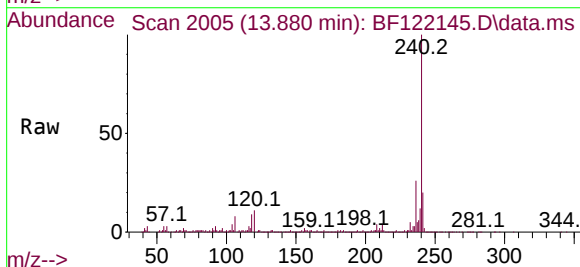
Instrument :
BNA_F
ClientSampleId :
VNJ-232

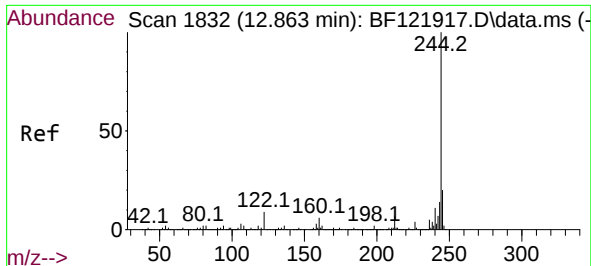
Tgt Ion:266 Resp: 238
Ion Ratio Lower Upper
266 100
268 0.0 52.4 78.6#
264 135.8 49.9 74.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122145.D
Acq: 28 Oct 2020 13:50

Tgt Ion:240 Resp: 279007
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 26.1 20.9 31.3

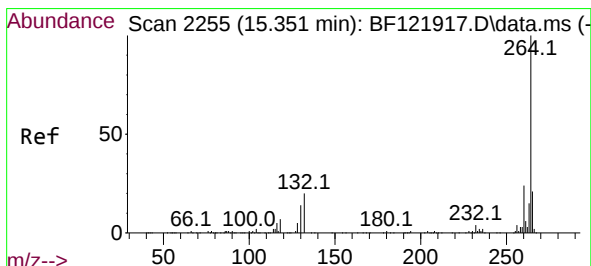
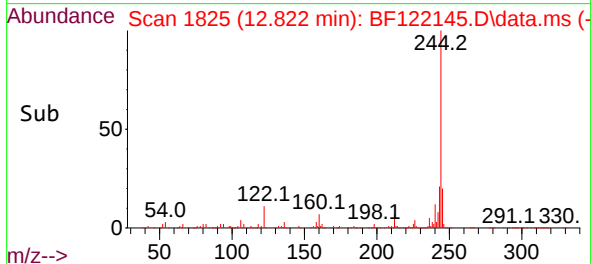
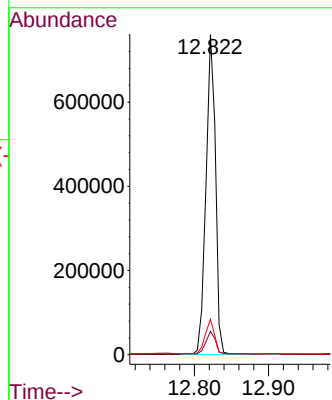
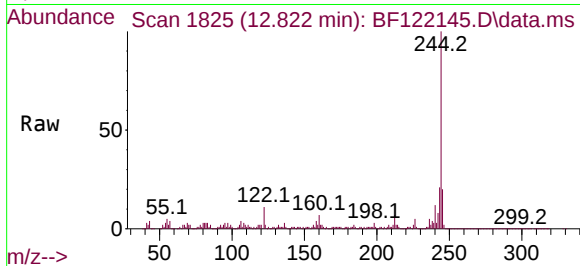




#79
Terphenyl-d14
Concen: 46.38 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122145.D
Acq: 28 Oct 2020 13:50

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:244 Resp: 679026
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 11.1 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: BF122145.D
Acq: 28 Oct 2020 13:50

Tgt Ion:264 Resp: 231587
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 20.6 17.3 25.9

