

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
 Data File : BF122552.D
 Acq On : 4 Dec 2020 18:40
 Operator : JU/CG
 Sample : L4936-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214

Quant Time: Dec 04 23:30:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 04 12:52:10 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

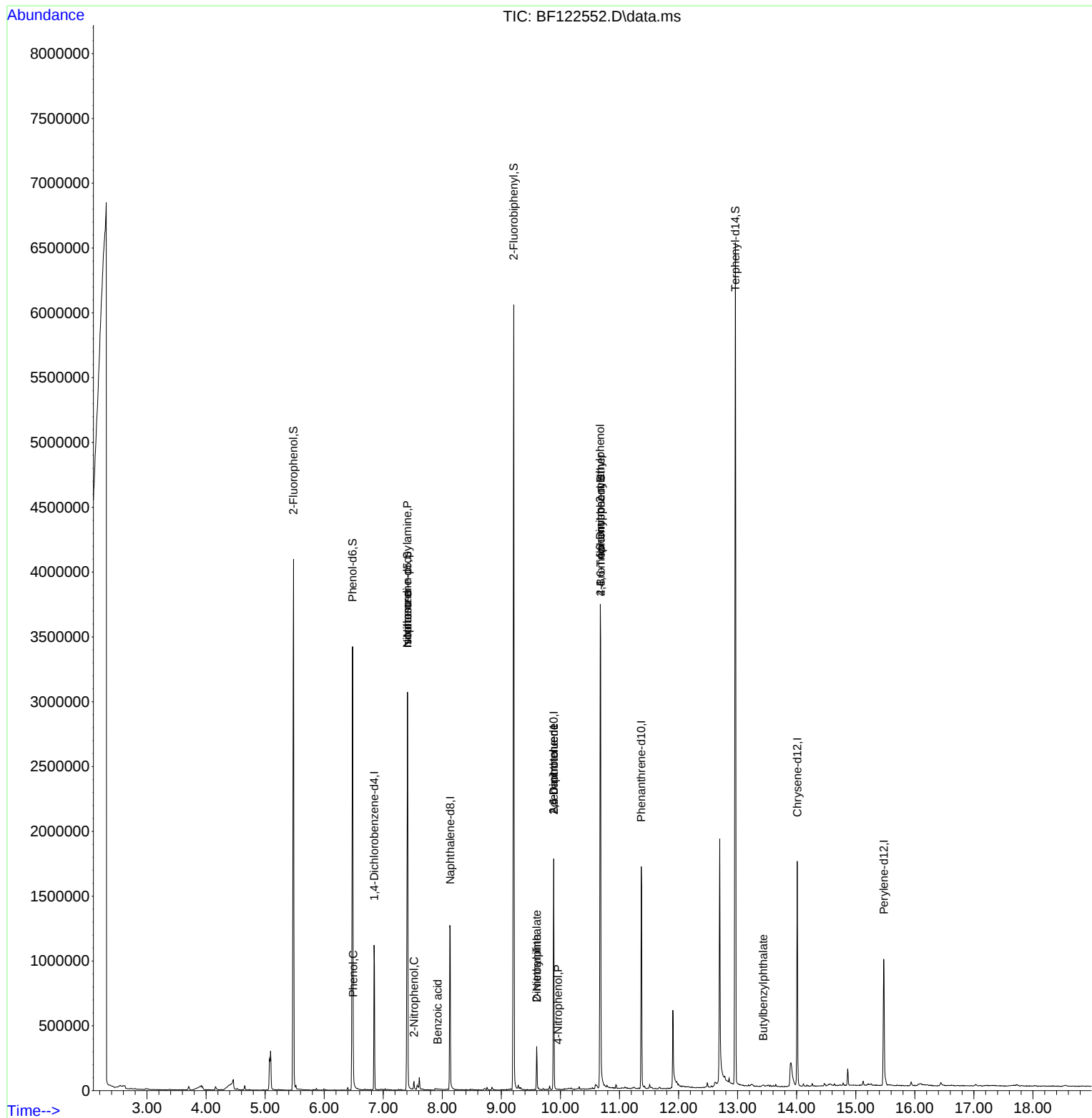
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	165109	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	646095	20.00	ng	# 0.00
39) Acenaphthene-d10	9.886	164	349072	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	657260	20.00	ng	0.00
76) Chrysene-d12	14.010	240	570176	20.00	ng	-0.01
86) Perylene-d12	15.474	264	474556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1200133	111.61	ng	0.01
7) Phenol-d6	6.481	99	1315542	93.52	ng	0.00
23) Nitrobenzene-d5	7.410	82	1091353	103.41	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	575360	153.57	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1969012	88.13	ng	0.00
79) Terphenyl-d14	12.963	244	2315307	86.03	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.398	77	4541	Below Cal		95
10) Phenol	6.492	94	34945	2.52 ng		79
19) n-Nitroso-di-n-propyla...	7.410	70	149582	17.79 ng	#	74
25) Isophorone	7.410	82	1076447	45.75 ng	#	67
26) 2-Nitrophenol	7.522	139	425	6.89 ng	#	34
32) Benzoic acid	7.922	122	10135	9.34 ng	#	80
48) 2-Nitroaniline	9.598	65	1138	5.32 ng	#	1
50) Dimethylphthalate	9.598	163	135831	5.47 ng		99
51) 2,6-Dinitrotoluene	9.886	165	43951	11.14 ng	#	21
56) 4-Nitrophenol	9.957	139	117	5.43 ng	#	10
57) 2,4-Dinitrotoluene	9.886	165	43951	10.41 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.675	198	1183	6.67 ng	#	1
67) 4-Bromophenyl-phenylether	10.680	248	36548	4.73 ng	#	1
80) Butylbenzylphthalate	13.433	149	476	3.32 ng	#	28

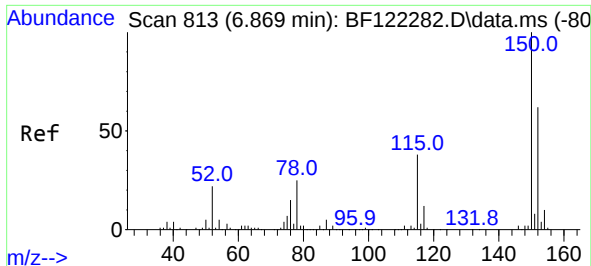
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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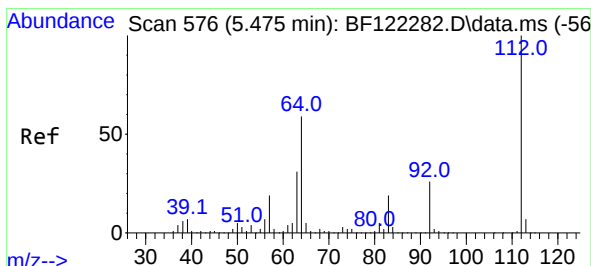
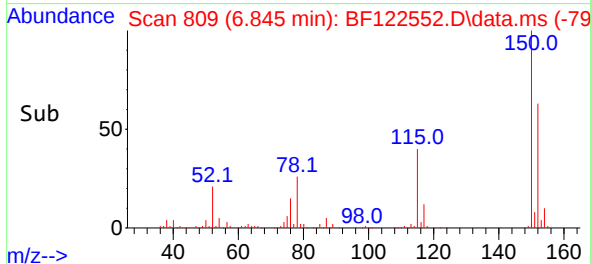
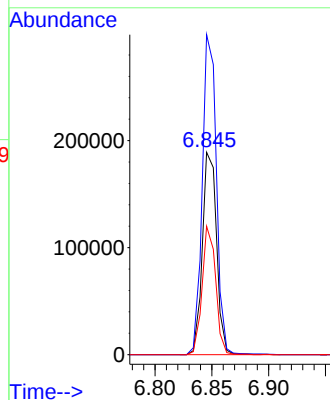
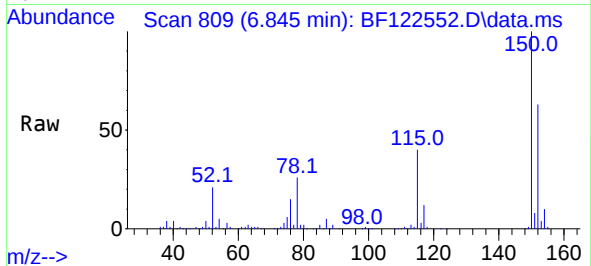




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

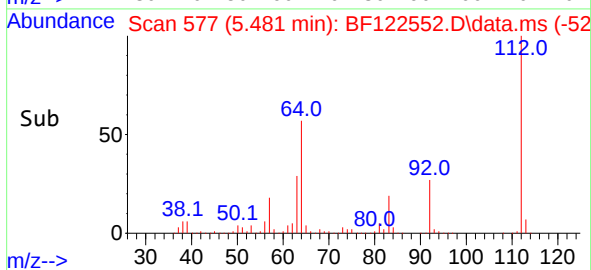
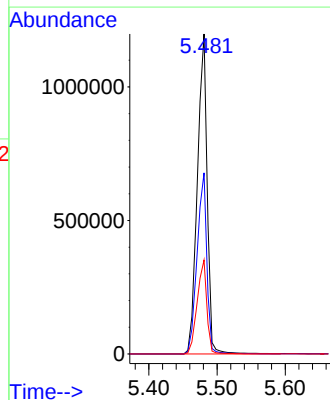
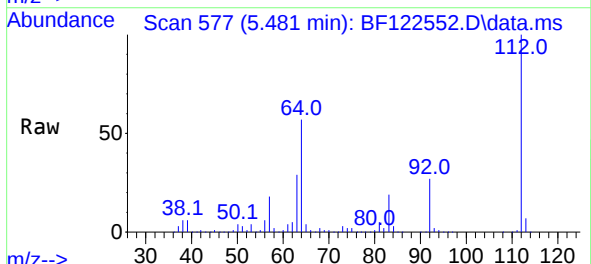
Instrument :
BNA_F
ClientSampleId :
VNJ-214

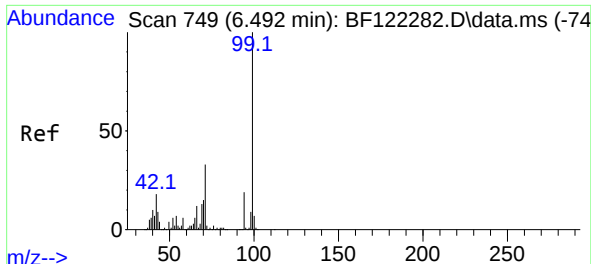
Tgt Ion:152 Resp: 165109
Ion Ratio Lower Upper
152 100
150 158.1 125.3 187.9
115 63.5 51.9 77.9



#5
2-Fluorophenol
Concen: 111.61 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

Tgt Ion:112 Resp: 1200133
Ion Ratio Lower Upper
112 100
64 56.6 50.4 75.6
63 29.3 25.8 38.6

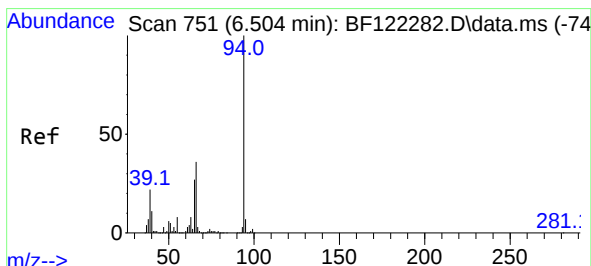
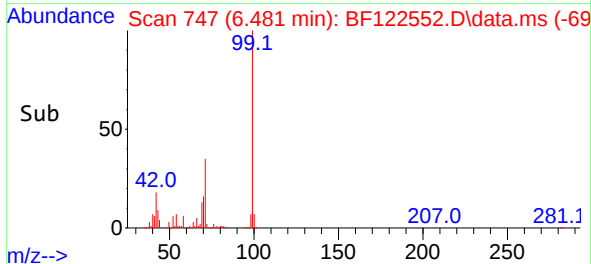
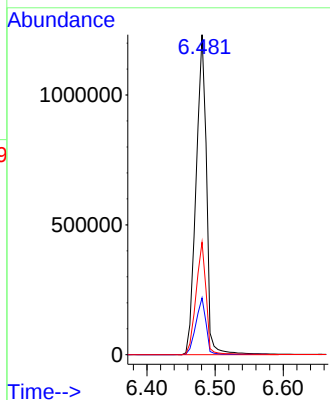
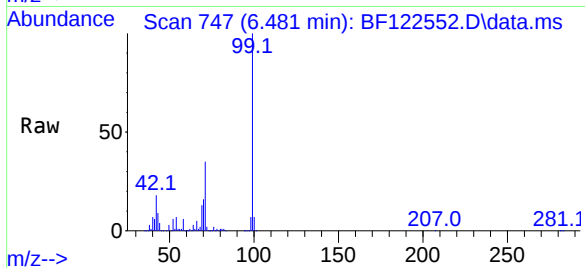




#7
Phenol-d6
Concen: 93.52 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

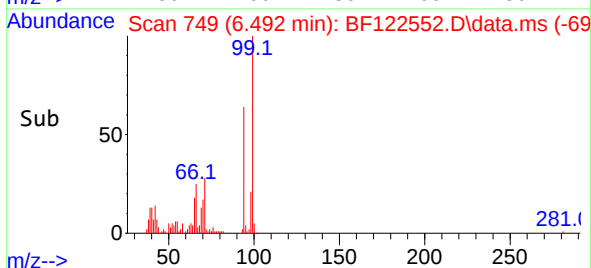
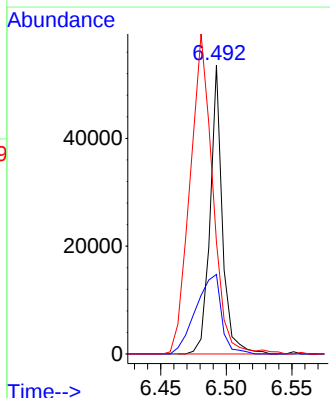
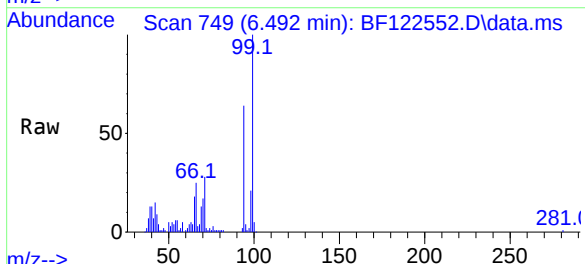
Instrument :
BNA_F
ClientSampleId :
VNJ-214

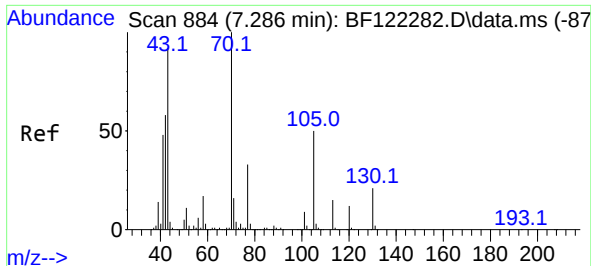
Tgt Ion: 99 Resp: 1315542
Ion Ratio Lower Upper
99 100
42 17.7 15.9 23.9
71 35.2 27.1 40.7



#10
Phenol
Concen: 2.52 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

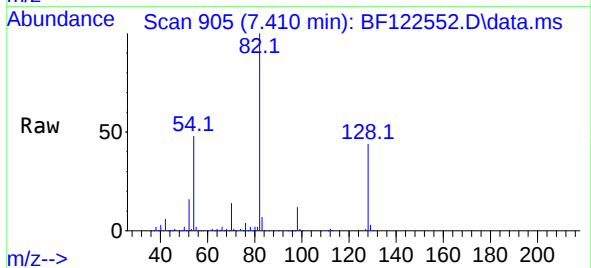
Tgt Ion: 94 Resp: 34945
Ion Ratio Lower Upper
94 100
65 27.6 17.1 57.1
66 38.8 36.0 76.0



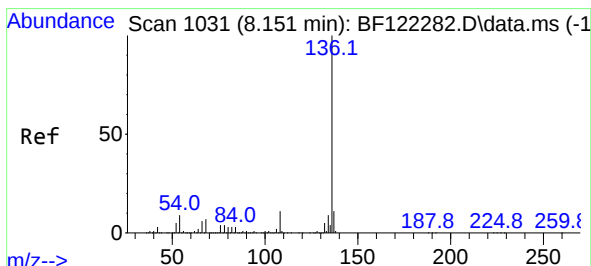
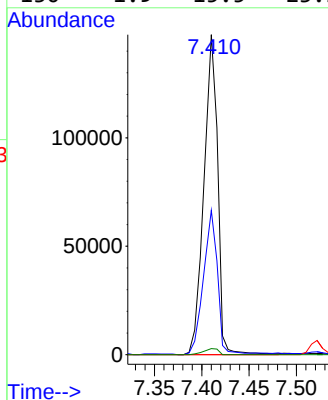
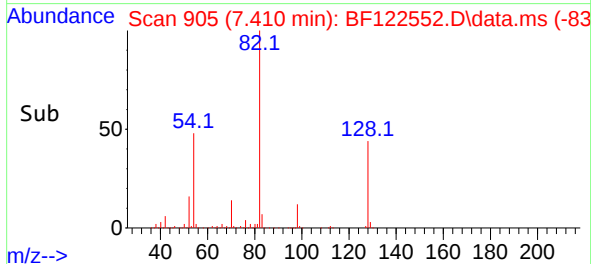


#19
n-Nitroso-di-n-propylamine
Concen: 17.79 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

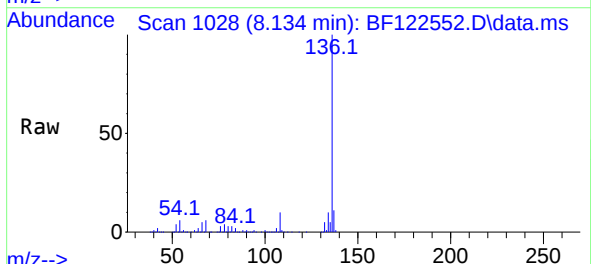
Instrument :
BNA_F
ClientSampleId :
VNJ-214



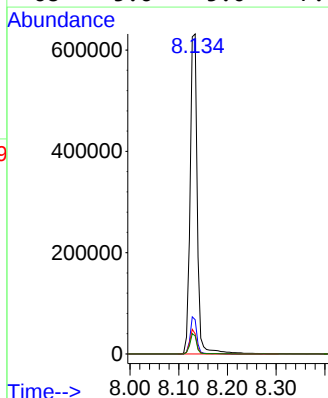
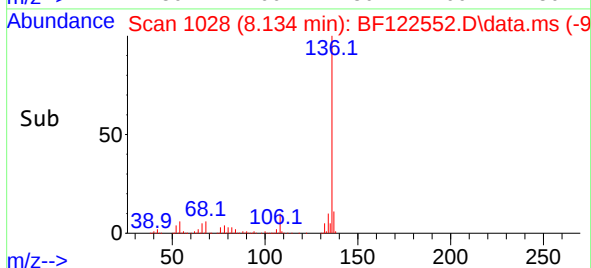
Tgt Ion: 70 Resp: 149582
Ion Ratio Lower Upper
70 100
42 45.1 50.2 75.4#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#

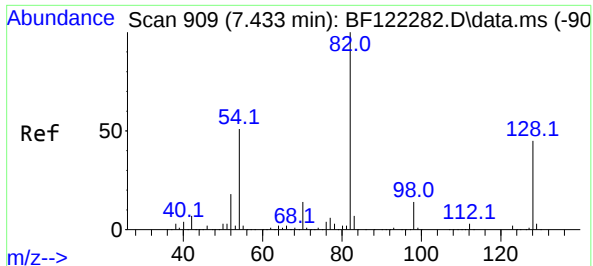


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40



Tgt Ion: 136 Resp: 646095
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.3 7.1 10.7#
68 5.6 5.0 7.4

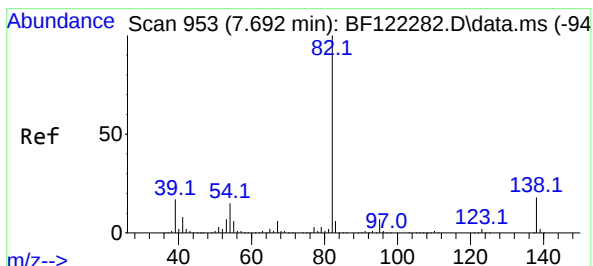
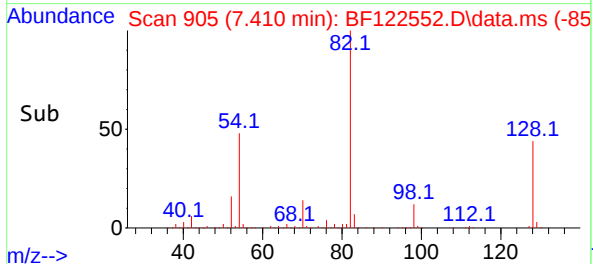
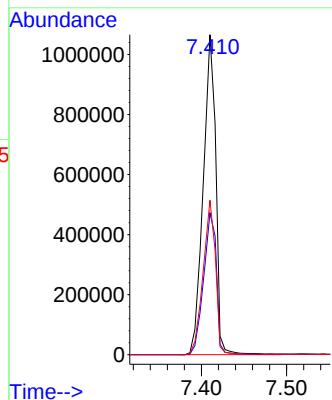
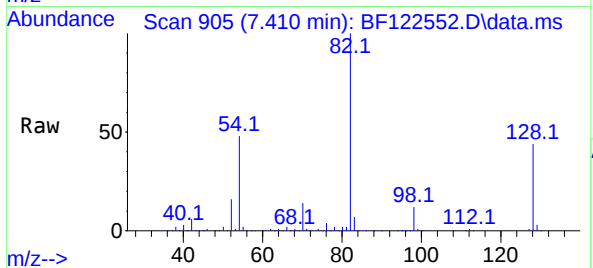




#23
Nitrobenzene-d5
Concen: 103.41 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

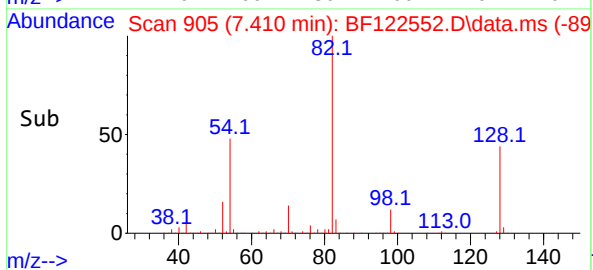
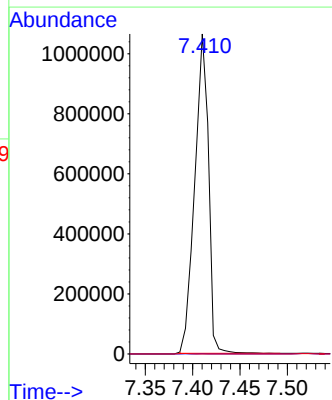
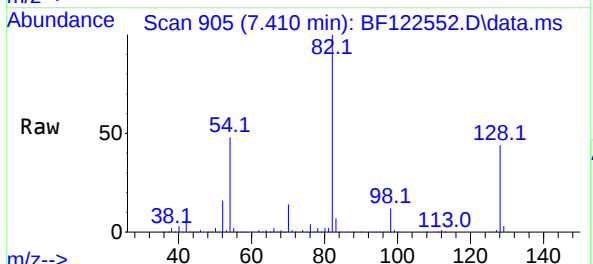
Instrument :
BNA_F
ClientSampleId :
VNJ-214

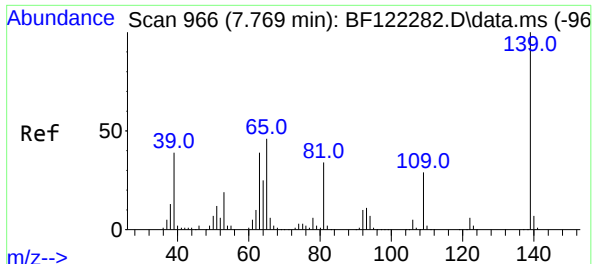
Tgt Ion: 82 Resp: 1091353
Ion Ratio Lower Upper
82 100
128 44.3 35.0 52.4
54 48.3 43.9 65.9



#25
Isophorone
Concen: 45.75 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

Tgt Ion: 82 Resp: 1076447
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

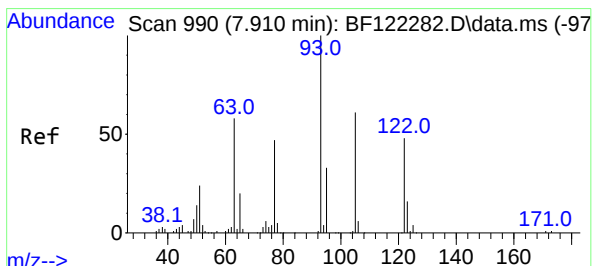
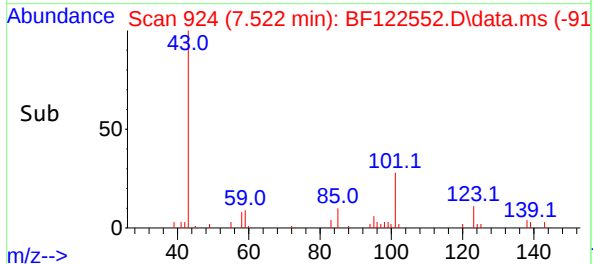
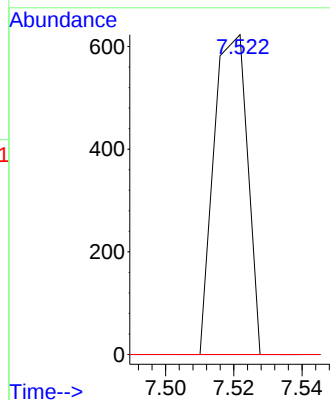
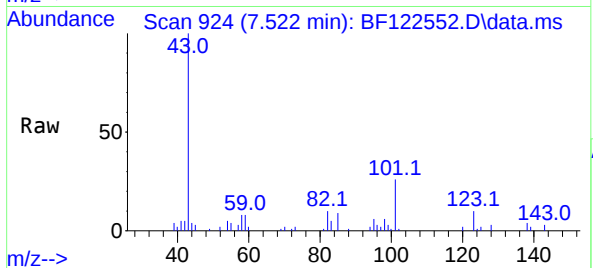




#26
2-Nitrophenol
Concen: 6.89 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.229 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

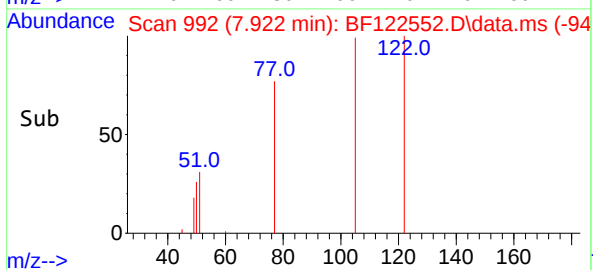
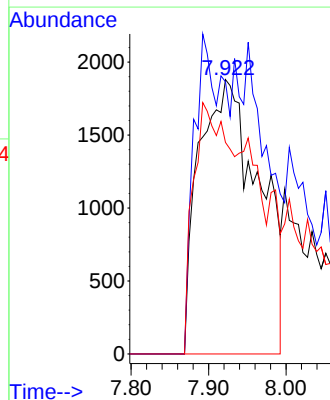
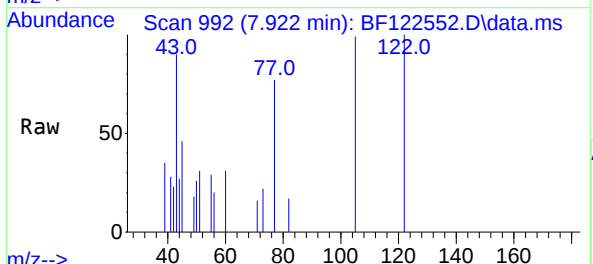
Instrument :
BNA_F
ClientSampled :
VNJ-214

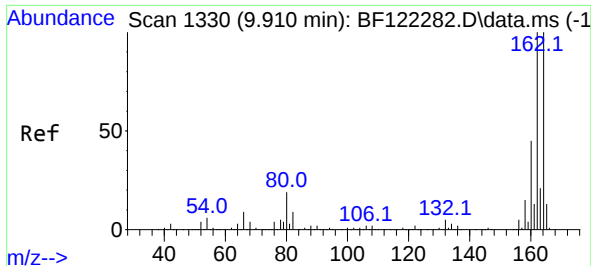
Tgt Ion:139 Resp: 425
Ion Ratio Lower Upper
139 100
109 0.0 23.0 34.4#
65 0.0 39.9 59.9#



#32
Benzoic acid
Concen: 9.34 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

Tgt Ion:122 Resp: 10135
Ion Ratio Lower Upper
122 100
105 99.2 103.3 143.3#
77 77.1 73.9 113.9

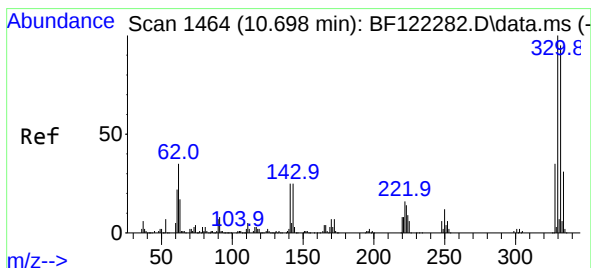
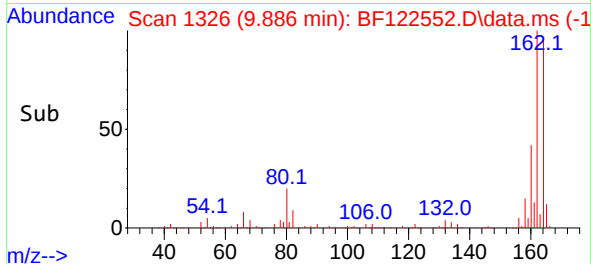
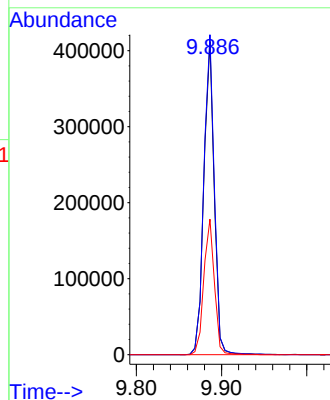
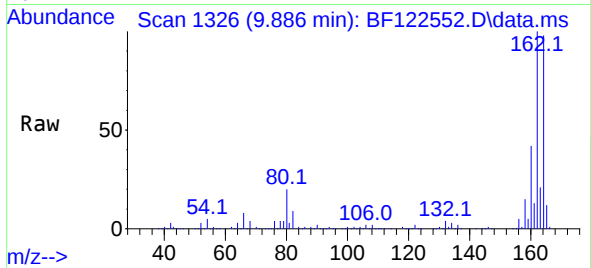




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

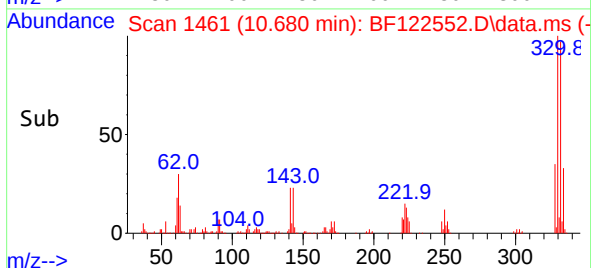
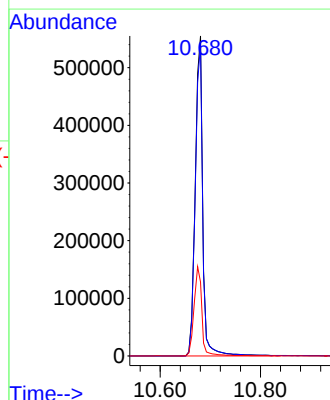
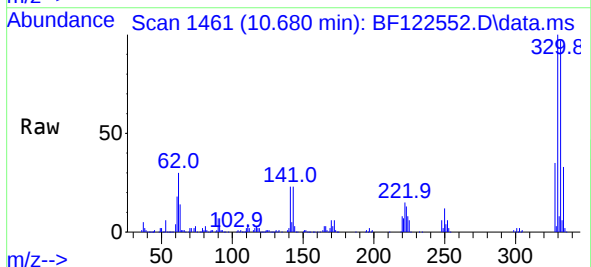
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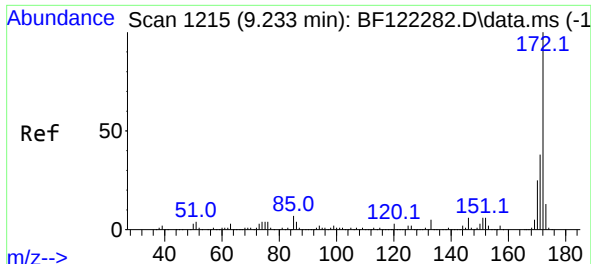
Tgt Ion:164 Resp: 349072
Ion Ratio Lower Upper
164 100
162 102.2 83.2 124.8
160 43.3 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 153.57 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

Tgt Ion:330 Resp: 575360
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 29.4 22.3 33.5

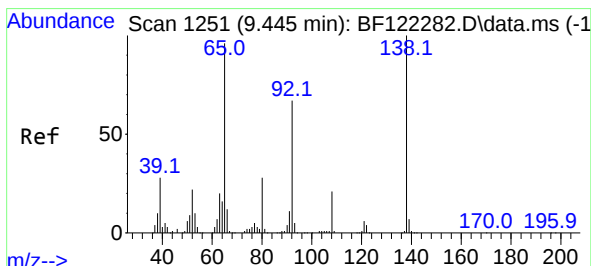
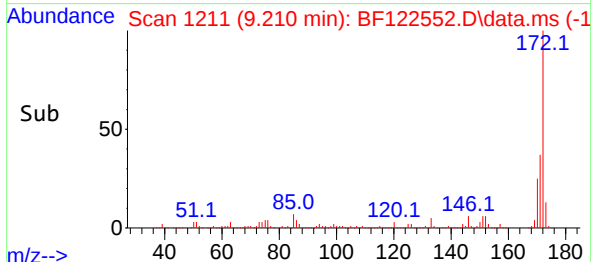
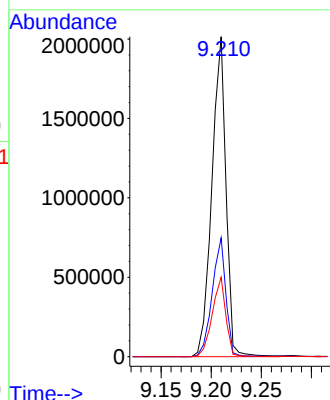
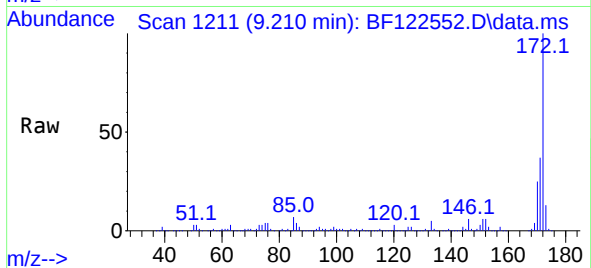




#45
2-Fluorobiphenyl
Concen: 88.13 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

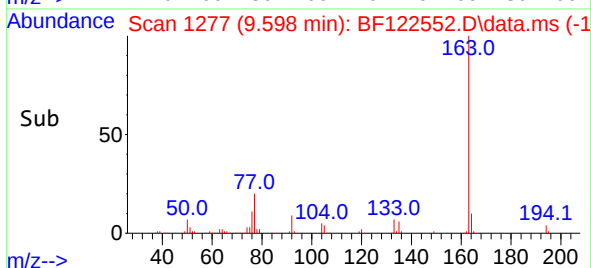
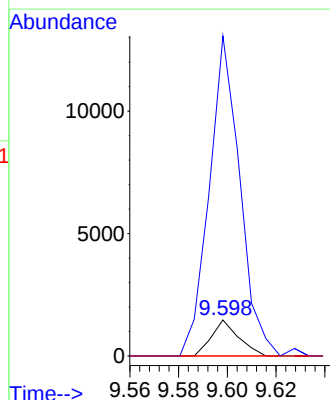
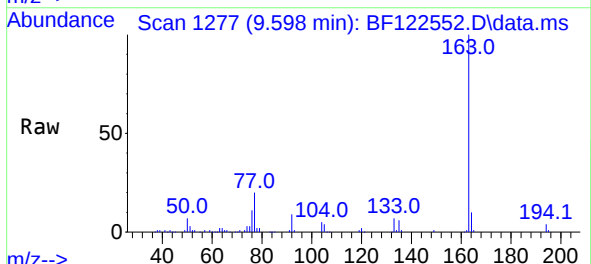
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VNJ-214

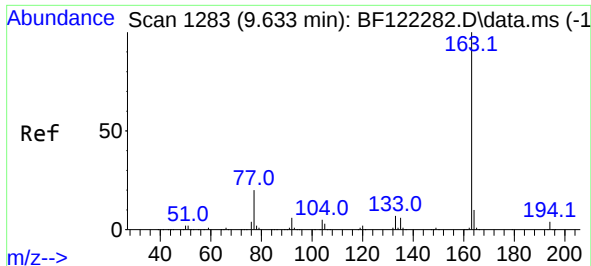
Tgt Ion:172 Resp: 1969012
Ion Ratio Lower Upper
172 100
171 37.2 29.1 43.7
170 24.8 19.8 29.6



#48
2-Nitroaniline
Concen: 5.32 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.165 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

Tgt Ion: 65 Resp: 1138
Ion Ratio Lower Upper
65 100
92 887.5 55.1 82.7#
138 0.0 80.5 120.7#

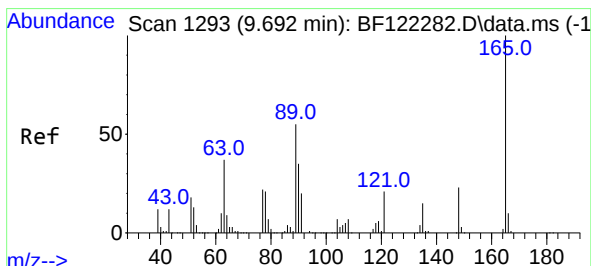
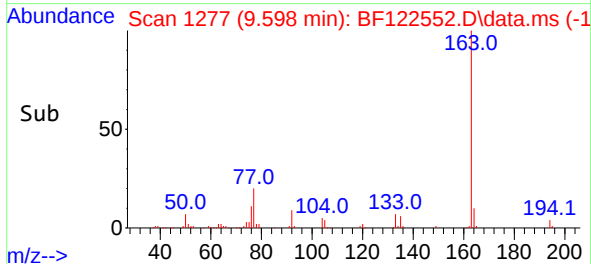
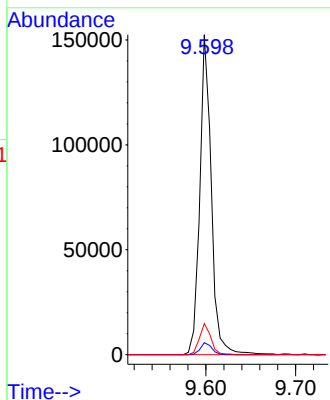
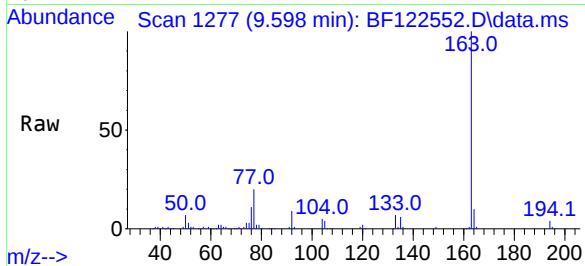




#50
Dimethylphthalate
Concen: 5.47 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.018 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

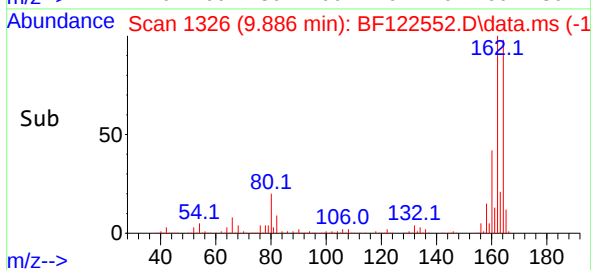
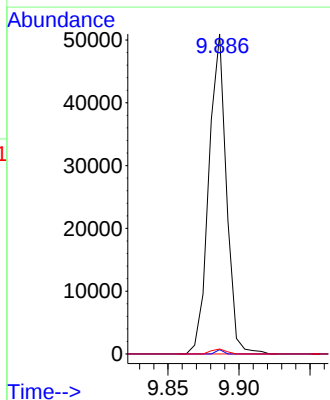
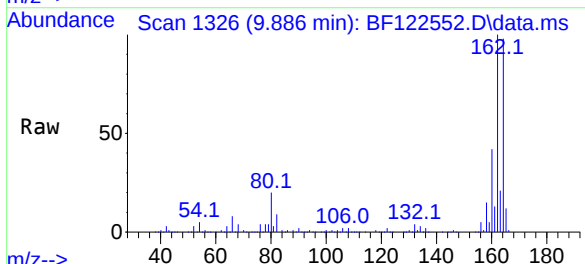
Instrument :
BNA_F
ClientSampleId :
VNJ-214

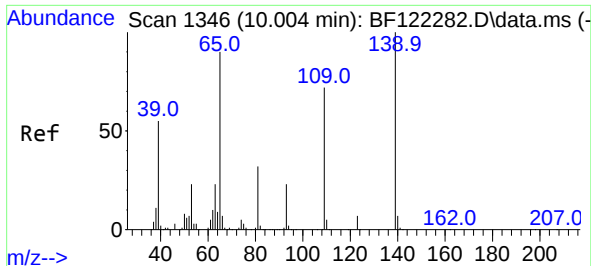
Tgt Ion:163 Resp: 135831
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.7 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 11.14 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.212 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

Tgt Ion:165 Resp: 43951
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.6 49.0 73.6#

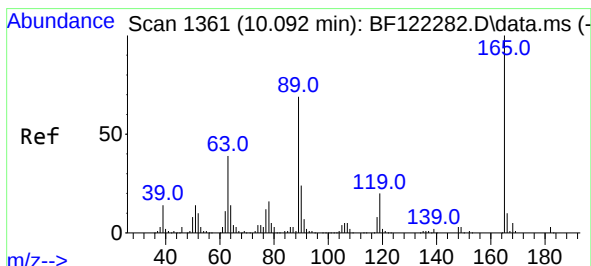
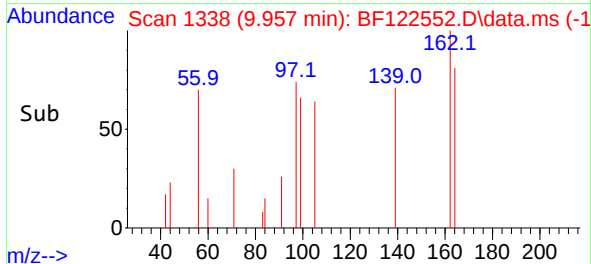
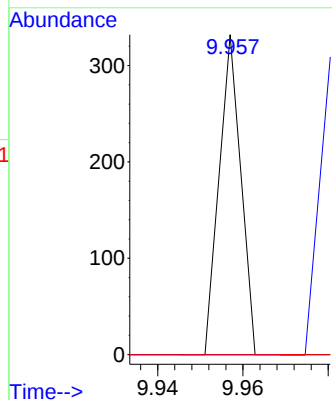
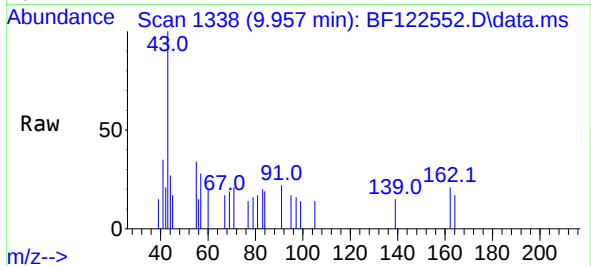




#56
4-Nitrophenol
Concen: 5.43 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.047 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

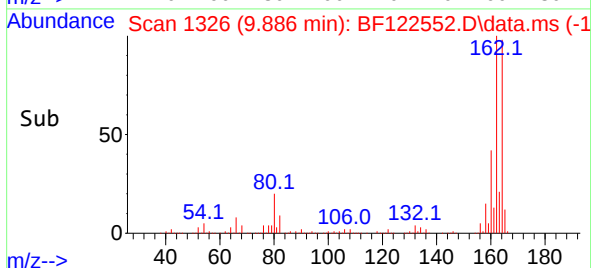
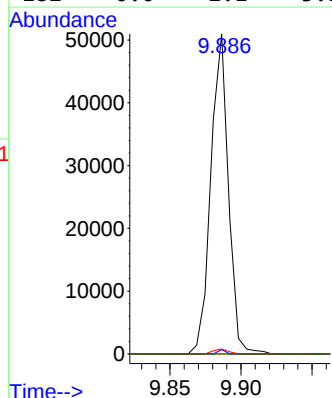
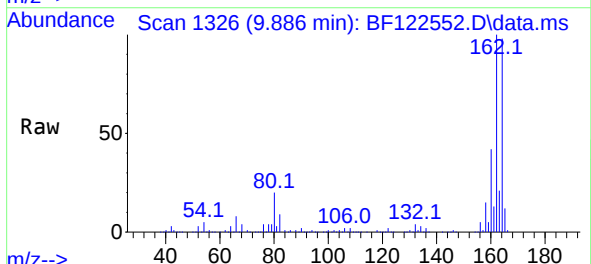
Instrument :
BNA_F
ClientSampleId :
VNJ-214

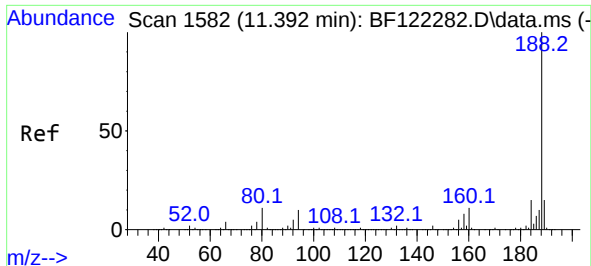
Tgt Ion:139 Resp: 117
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.41 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.194 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

Tgt Ion:165 Resp: 43951
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#

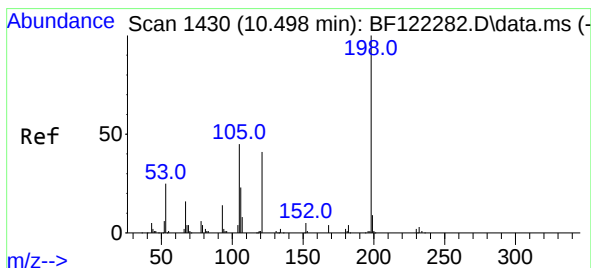
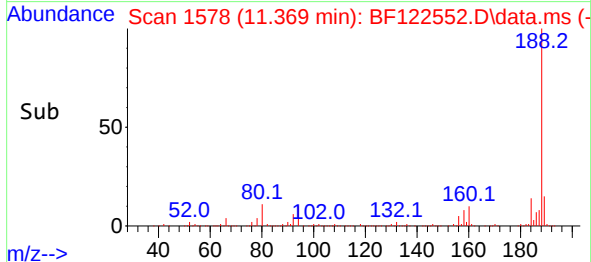
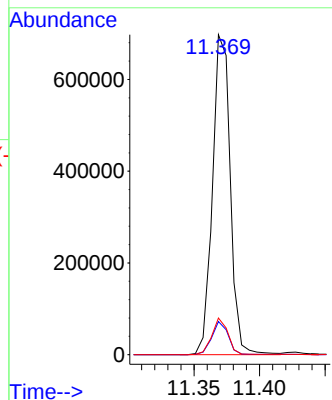
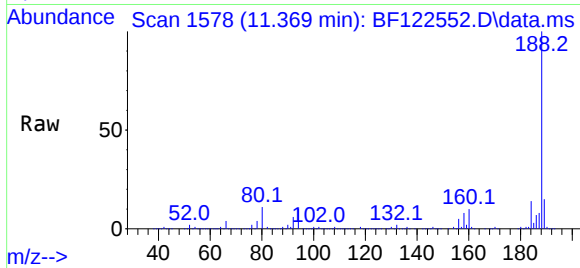




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

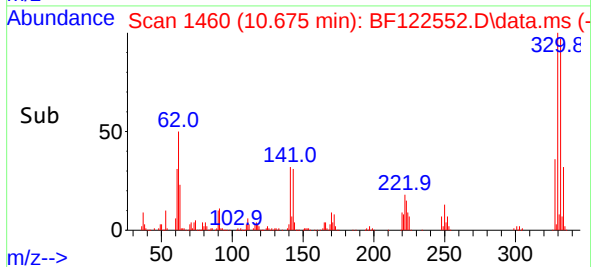
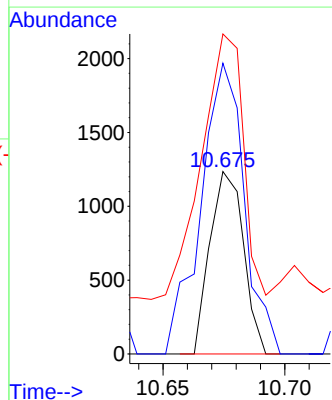
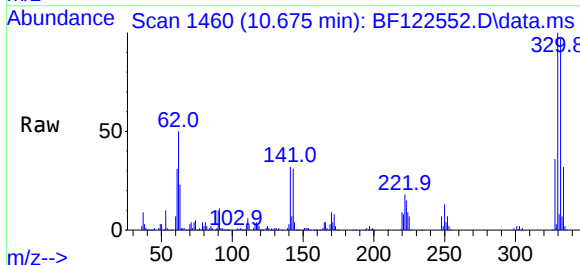
Instrument :
BNA_F
ClientSampleId :
VNJ-214

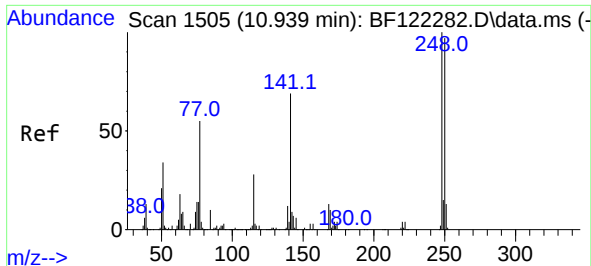
Tgt Ion:188 Resp: 657260
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.5 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.67 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.188 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

Tgt Ion:198 Resp: 1183
Ion Ratio Lower Upper
198 100
51 159.4 29.6 69.6#
105 175.5 24.4 64.4#

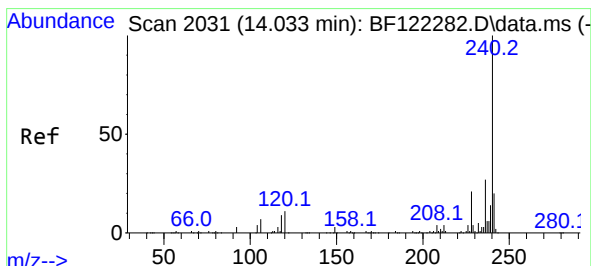
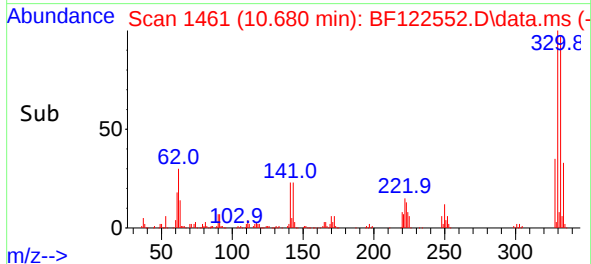
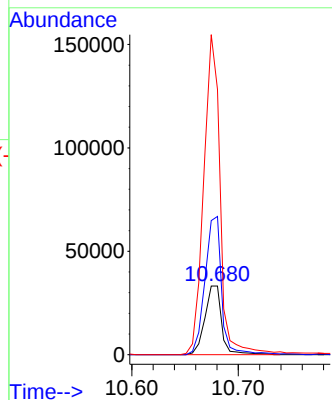
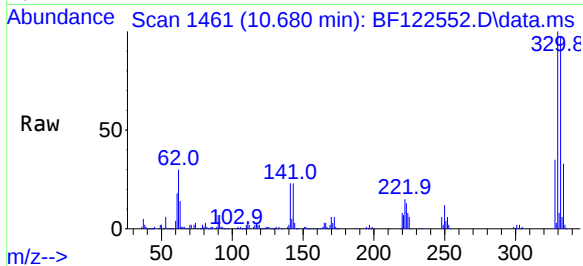




#67
4-Bromophenyl-phenylether
Concen: 4.73 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

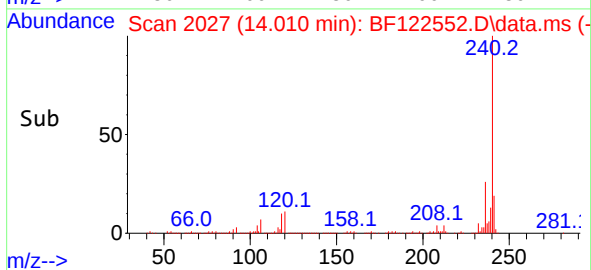
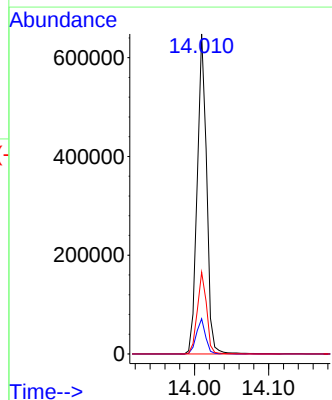
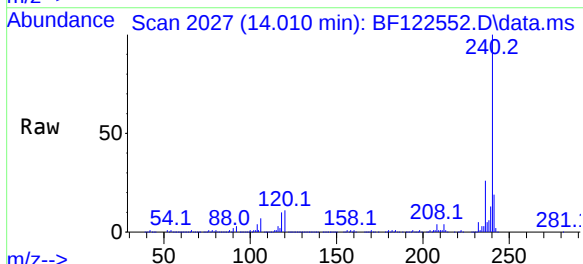
Instrument :
BNA_F
ClientSampled :
VNJ-214

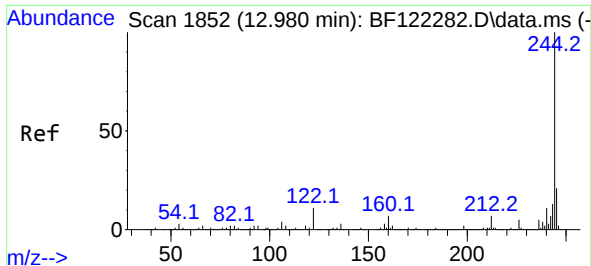
Tgt Ion:248 Resp: 36548
Ion Ratio Lower Upper
248 100
250 201.3 77.0 115.6#
141 386.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF122552.D
Acq: 4 Dec 2020 18:40

Tgt Ion:240 Resp: 570176
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.6 20.9 31.3

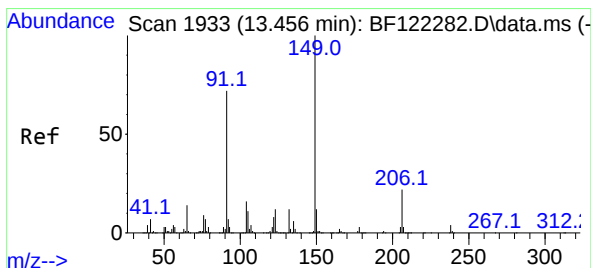
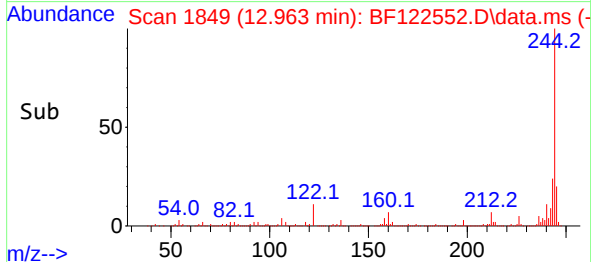
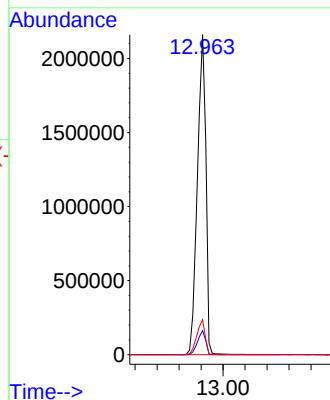
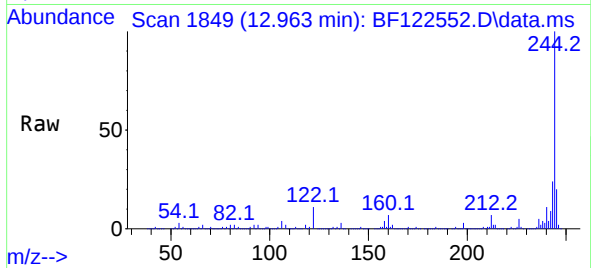




#79
 Terphenyl-d14
 Concen: 86.03 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF122552.D
 Acq: 4 Dec 2020 18:40

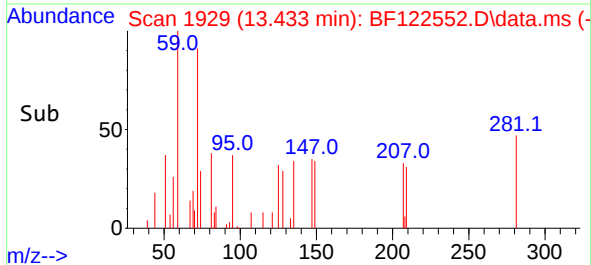
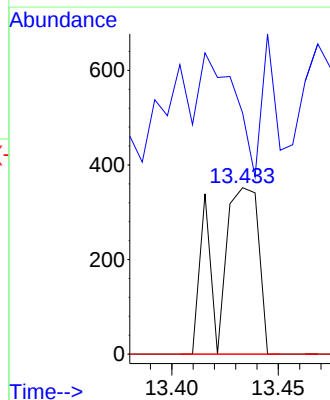
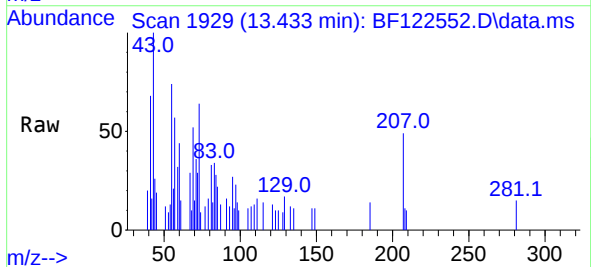
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214

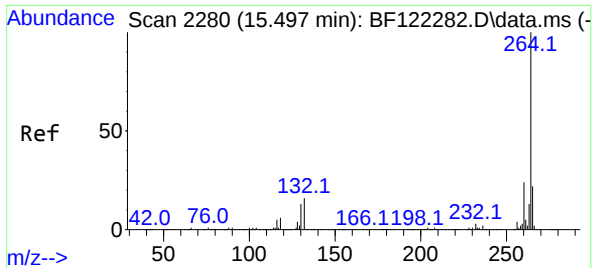
Tgt Ion:244 Resp: 2315307
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 11.0 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 3.32 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF122552.D
 Acq: 4 Dec 2020 18:40

Tgt Ion:149 Resp: 476
 Ion Ratio Lower Upper
 149 100
 91 144.9 61.0 91.4#
 206 0.0 16.7 25.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF122552.D
 Acq: 4 Dec 2020 18:40

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214

Tgt Ion:264 Resp: 474556

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.5	17.3	25.9

