

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132772.D
 Acq On : 13 Mar 2023 21:32
 Operator : CG\JU
 Sample : 01874-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-209

Quant Time: Mar 14 01:35:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

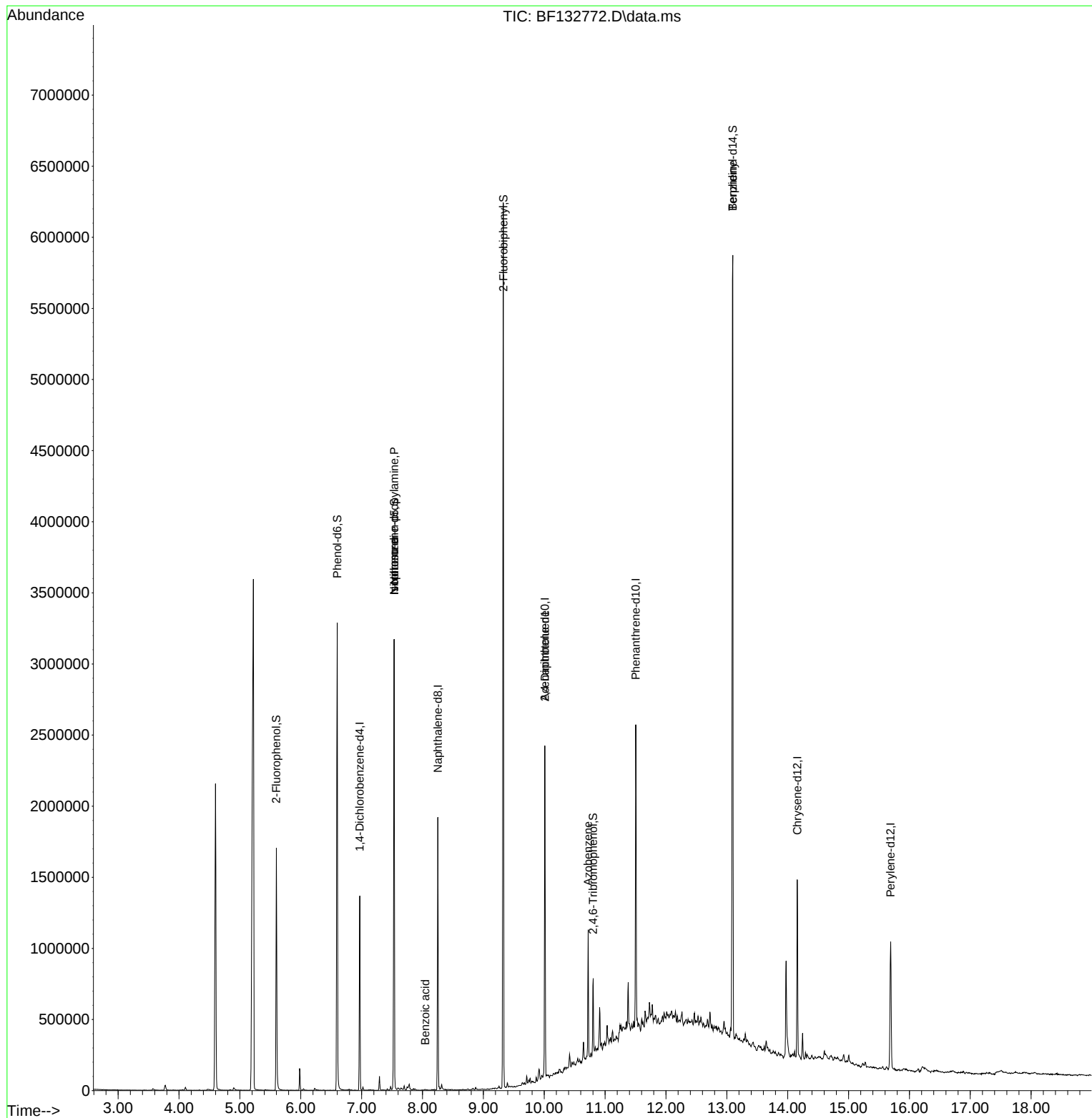
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	193128	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	758176	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	440463	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	812474	20.000	ng	0.00
76) Chrysene-d12	14.157	240	431696	20.000	ng	#-0.01
86) Perylene-d12	15.692	264	442327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	482819	40.574	ng	0.00
7) Phenol-d6	6.598	99	1136578	73.185	ng	-0.01
23) Nitrobenzene-d5	7.534	82	1017945	63.700	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	68123	14.321	ng	-0.01
45) 2-Fluorobiphenyl	9.328	172	1882917	65.092	ng	0.00
79) Terphenyl-d14	13.098	244	2269203	88.874	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.534	70	134735	14.097	ng	# 76
25) Isophorone	7.534	82	1016351	33.173	ng	# 67
32) Benzoic acid	8.045	122	209	3.857	ng	# 55
57) 2,4-Dinitrotoluene	10.010	165	58898	6.061	ng	# 21
63) Azobenzene	10.722	77	145554	4.388	ng	# 1
77) Benzidine	13.098	184	31818	3.028	ng	94

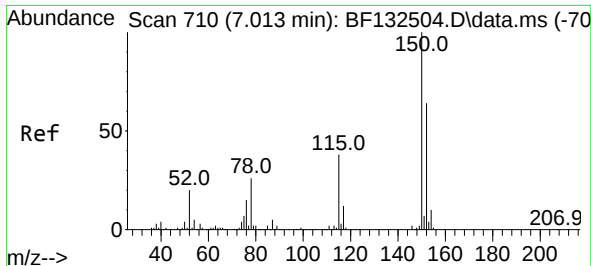
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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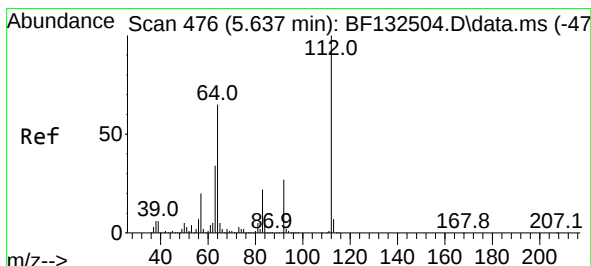
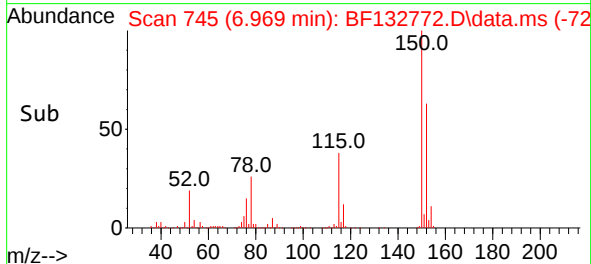
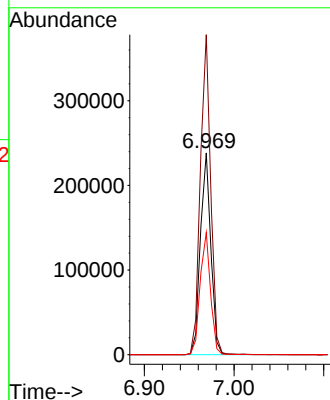
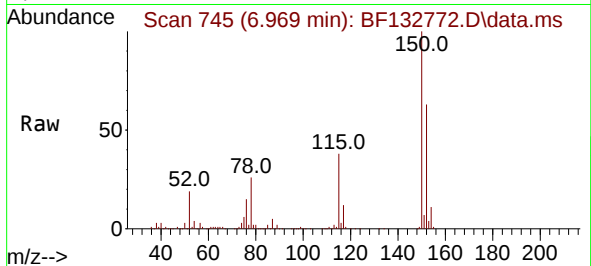




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

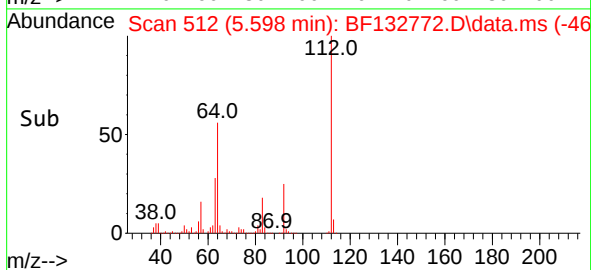
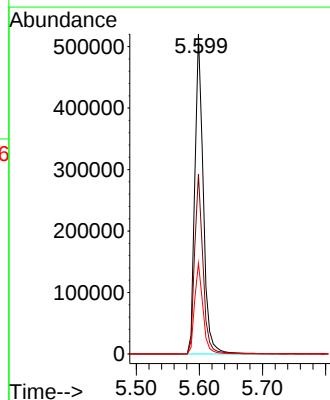
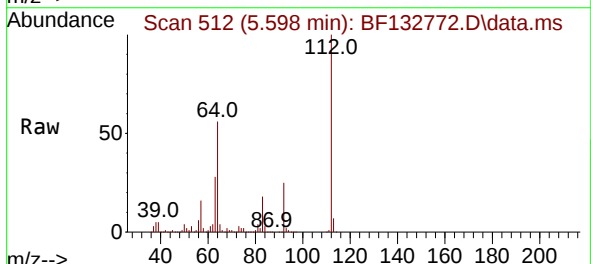
Instrument :
BNA_F
ClientSampleId :
VNJ-209

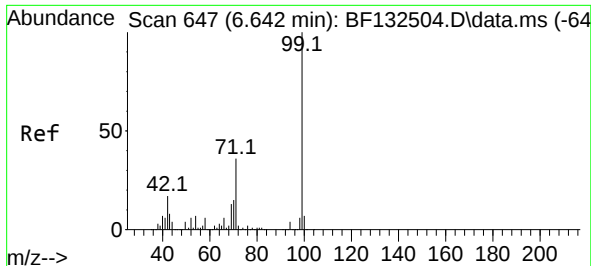
Tgt Ion:152 Resp: 193128
Ion Ratio Lower Upper
152 100
150 158.6 125.4 188.2
115 60.5 47.8 71.6



#5
2-Fluorophenol
Concen: 40.574 ng
RT: 5.598 min Scan# 512
Delta R.T. 0.000 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

Tgt Ion:112 Resp: 482819
Ion Ratio Lower Upper
112 100
64 56.3 51.6 77.4
63 28.4 27.4 41.2



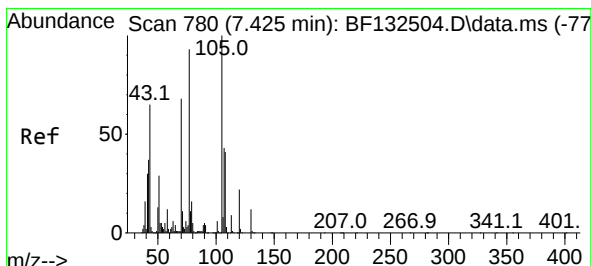
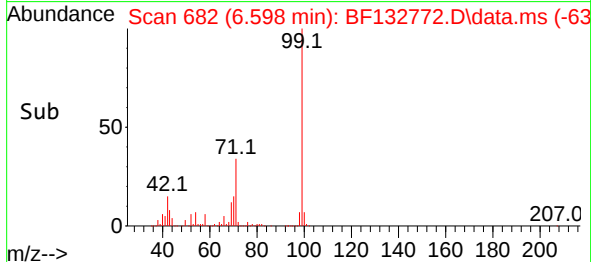
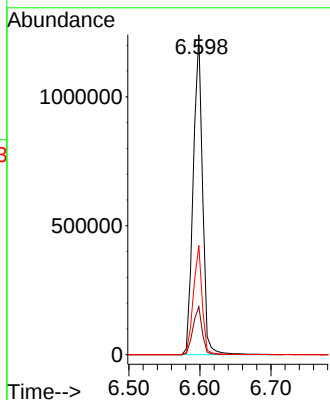
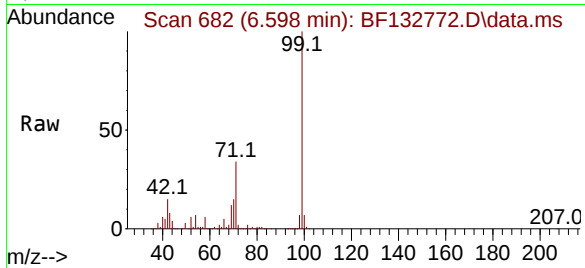


#7
Phenol-d6
Concen: 73.185 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

Instrument :
BNA_F
ClientSampleId :
VNJ-209

Tgt Ion: 99 Resp: 1136578

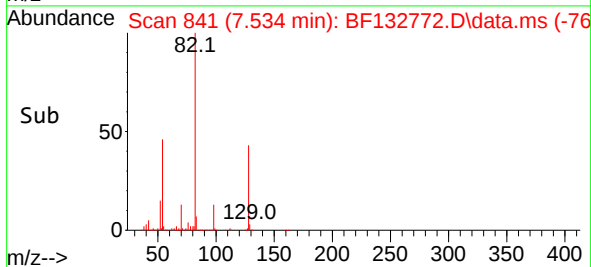
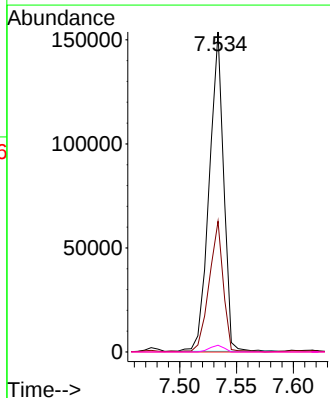
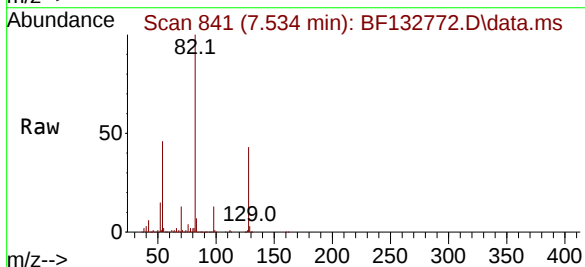
Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.9	20.9
71	34.1	28.5	42.7

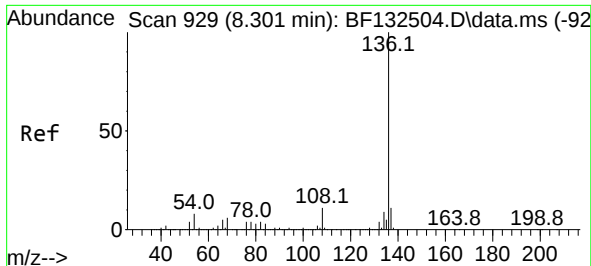


#19
n-Nitroso-di-n-propylamine
Concen: 14.097 ng
RT: 7.534 min Scan# 841
Delta R.T. 0.147 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

Tgt Ion: 70 Resp: 134735

Ion	Ratio	Lower	Upper
70	100		
42	40.8	44.1	66.1#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



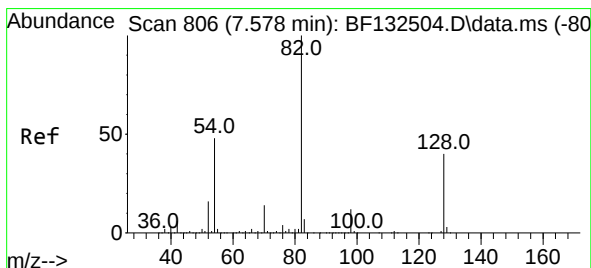
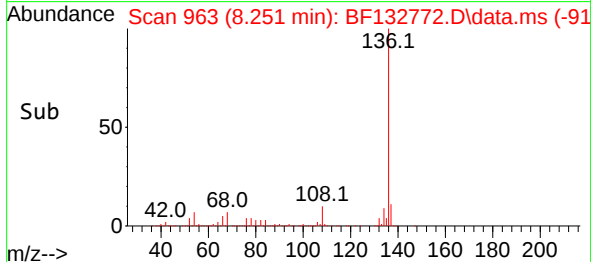
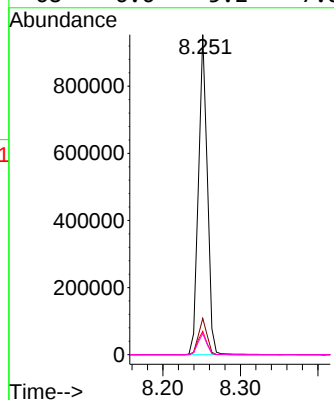
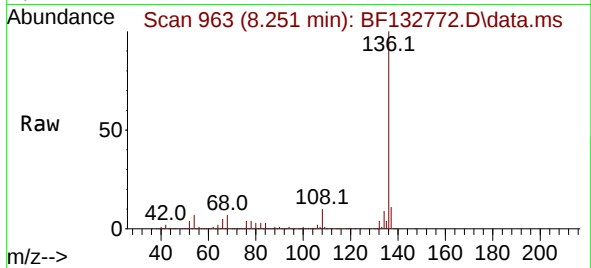


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

Instrument :
BNA_F
ClientSampleId :
VNJ-209

Tgt Ion:136 Resp: 758176

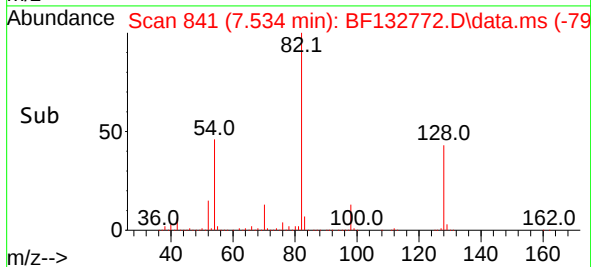
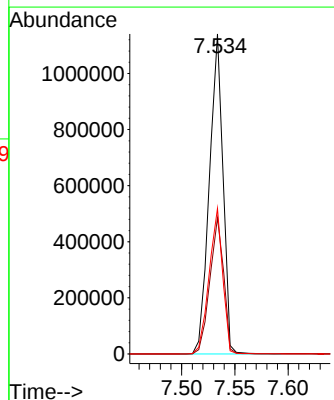
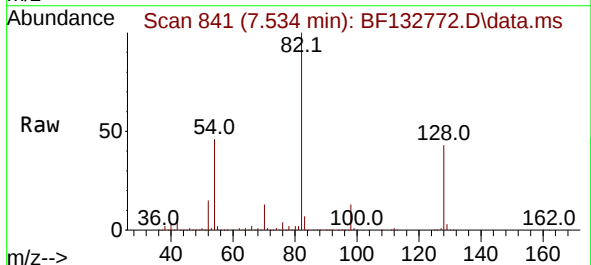
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.3	6.2	9.4
68	6.6	5.2	7.8

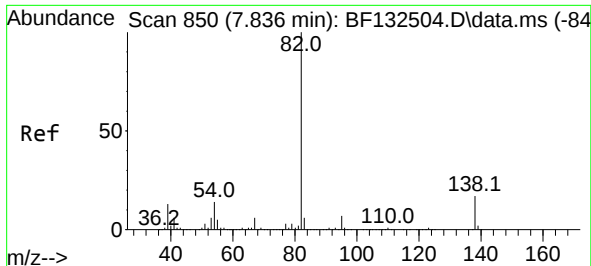


#23
Nitrobenzene-d5
Concen: 63.700 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

Tgt Ion: 82 Resp: 1017945

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.2	48.2
54	45.5	38.4	57.6

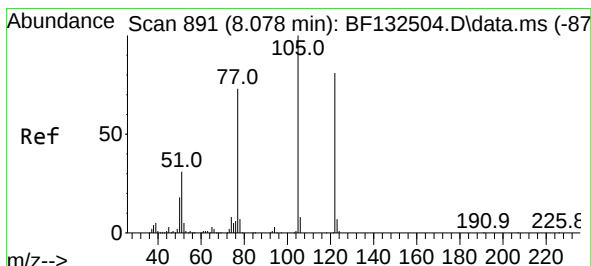
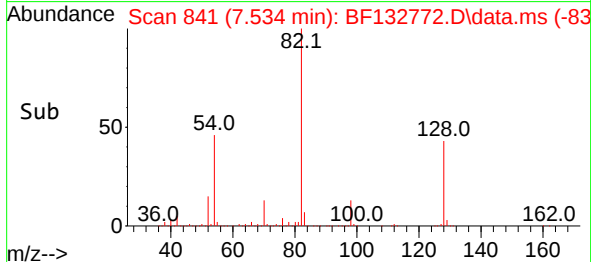
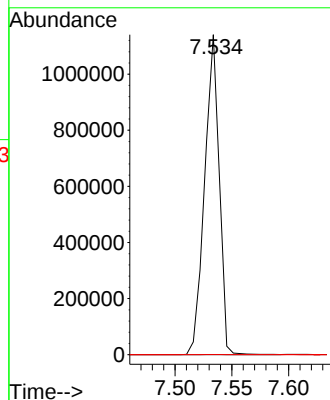
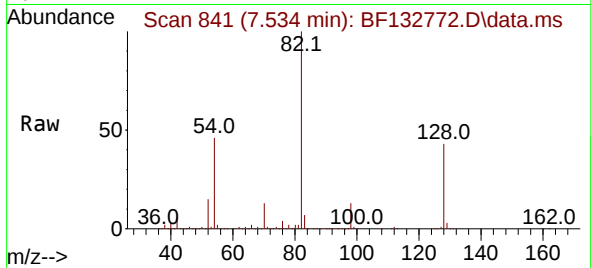




#25
Isophorone
Concen: 33.173 ng
RT: 7.534 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

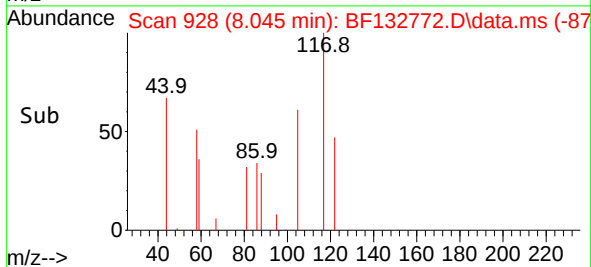
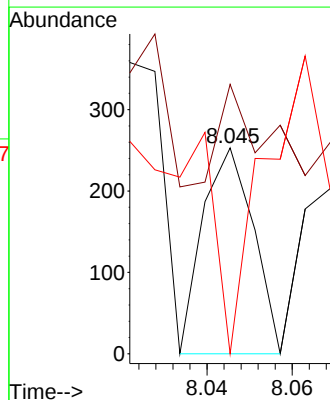
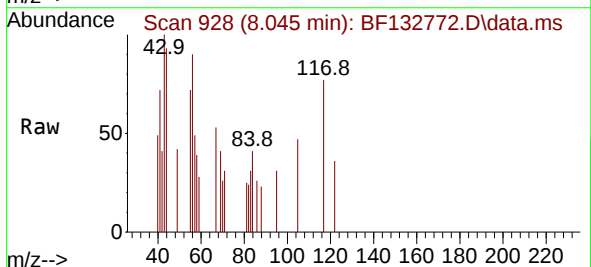
Instrument :
BNA_F
ClientSampleId :
VNJ-209

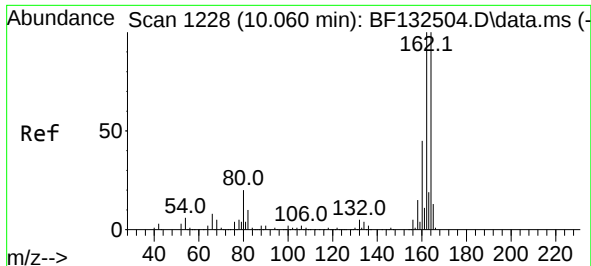
Tgt Ion: 82 Resp: 1016351
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.857 ng
RT: 8.045 min Scan# 928
Delta R.T. 0.006 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

Tgt Ion: 122 Resp: 209
Ion Ratio Lower Upper
122 100
105 130.8 102.6 142.6
77 0.0 70.2 110.2#

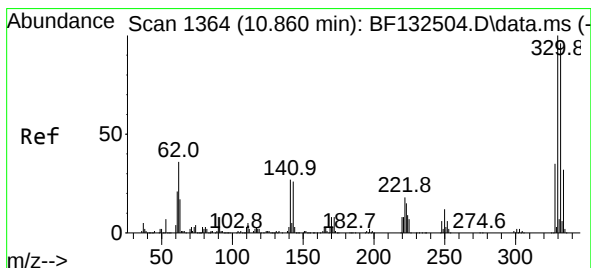
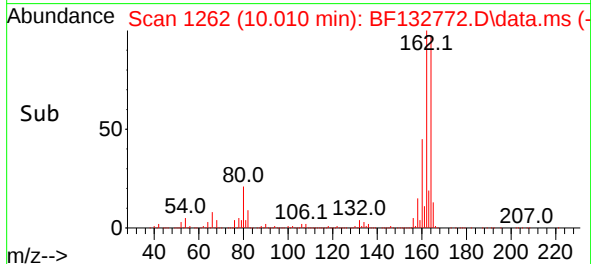
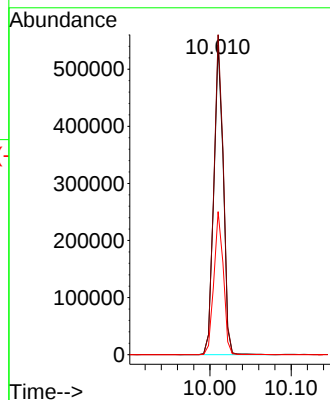
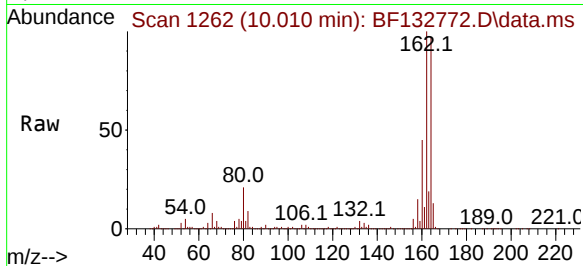




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

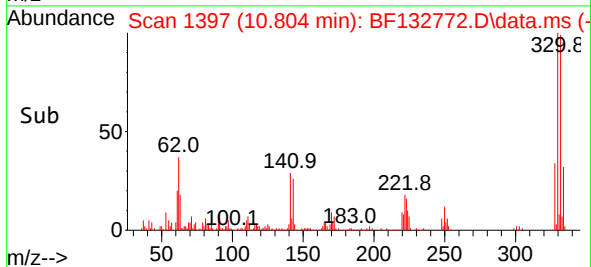
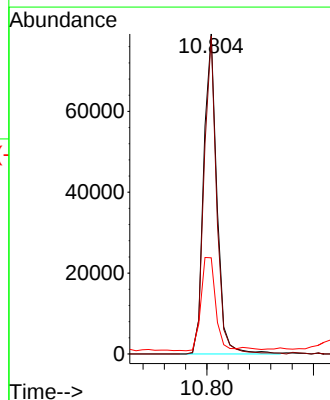
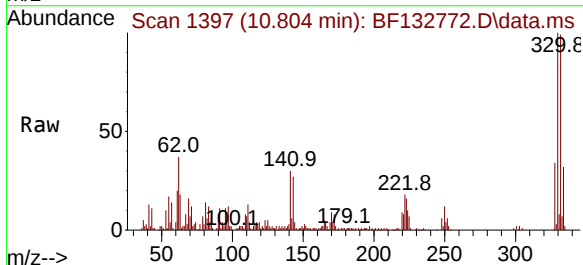
Instrument :
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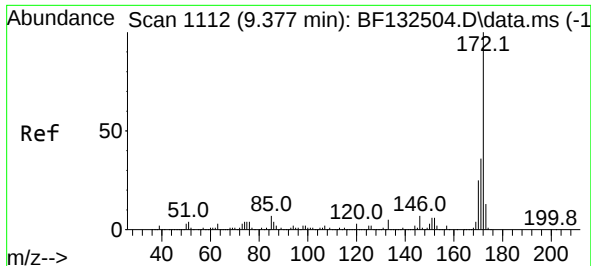
Tgt Ion:164 Resp: 440463
Ion Ratio Lower Upper
164 100
162 103.2 79.8 119.8
160 46.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 14.321 ng
RT: 10.804 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

Tgt Ion:330 Resp: 68123
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 32.3 28.4 42.6

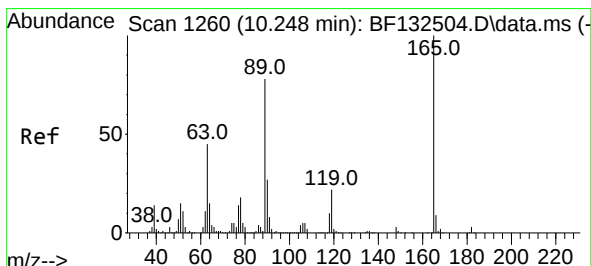
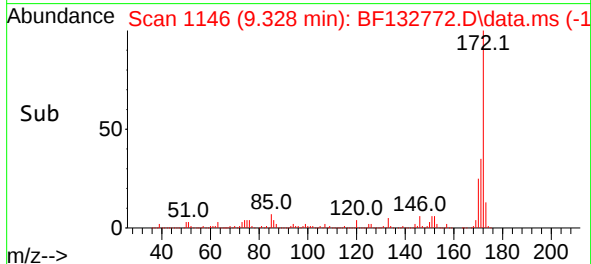
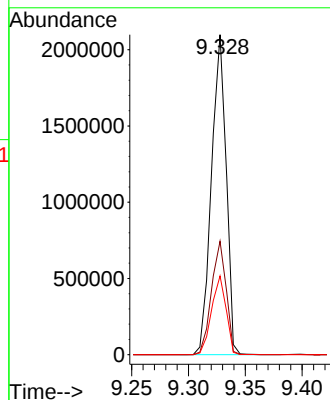
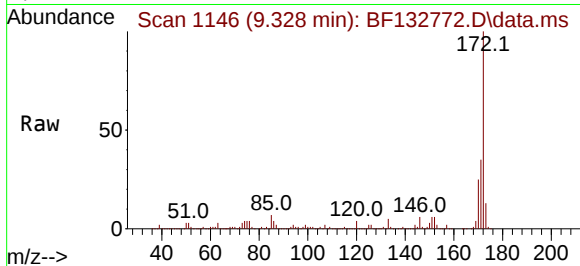




#45
2-Fluorobiphenyl
Concen: 65.092 ng
RT: 9.328 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

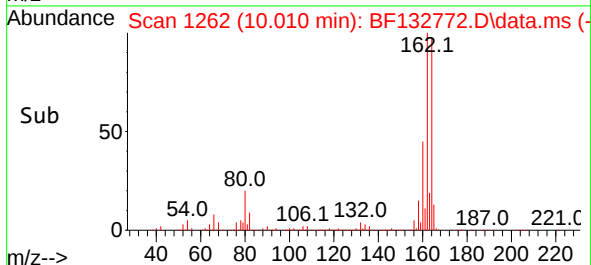
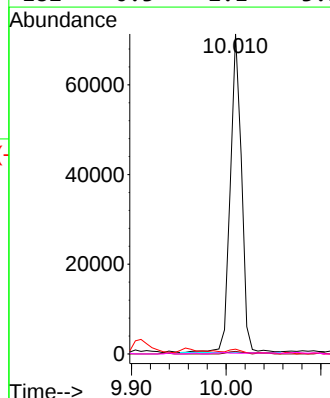
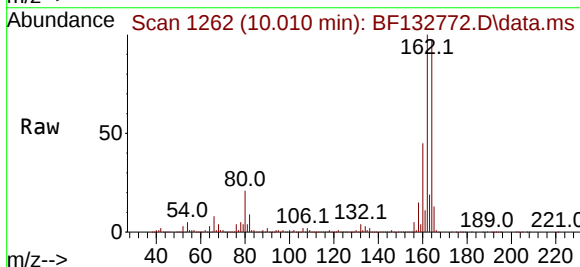
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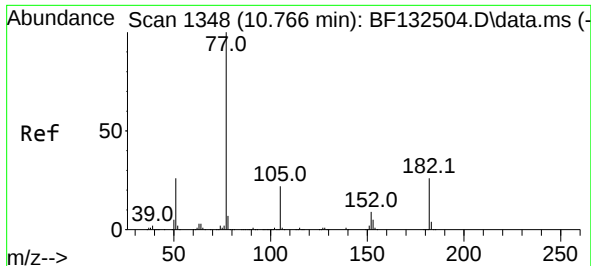
Tgt Ion:172 Resp: 1882917
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.6 19.7 29.5



#57
2,4-Dinitrotoluene
Concen: 6.061 ng
RT: 10.010 min Scan# 1262
Delta R.T. -0.200 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

Tgt Ion:165 Resp: 58898
Ion Ratio Lower Upper
165 100
63 0.8 36.5 54.7#
89 1.5 62.4 93.6#
182 0.3 2.1 3.1#

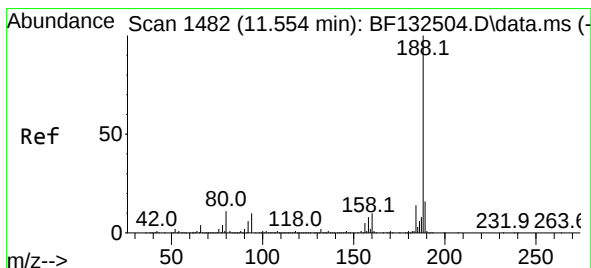
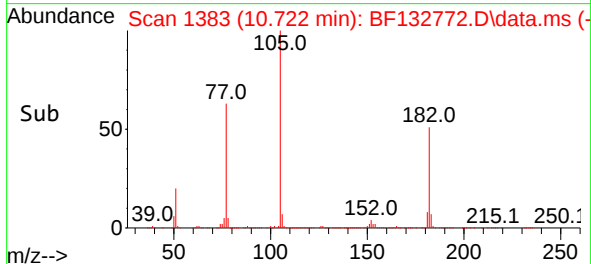
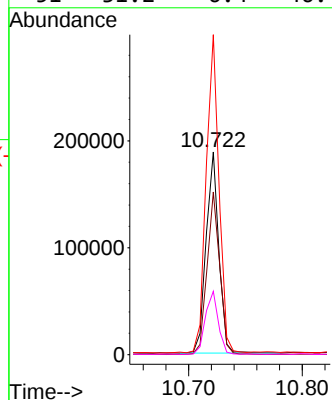
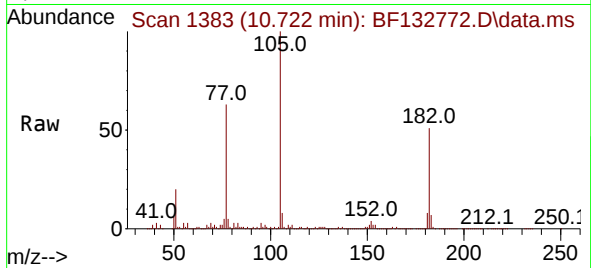




#63
Azobenzene
Concen: 4.388 ng
RT: 10.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

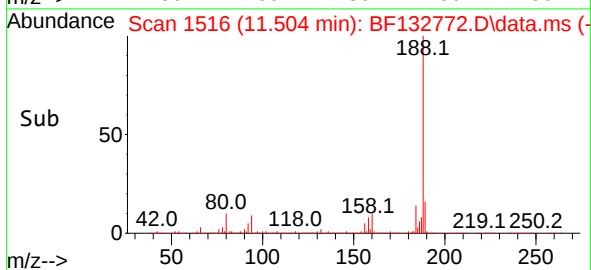
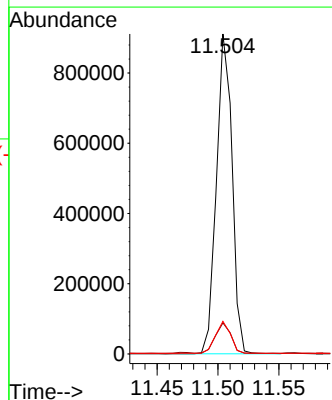
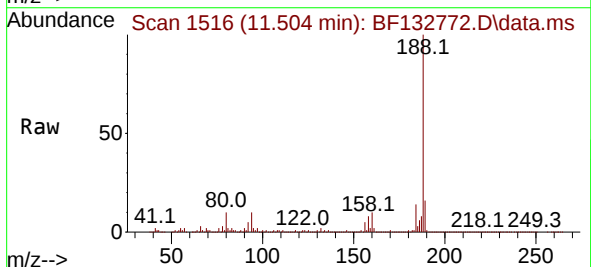
Instrument :
BNA_F
ClientSampleId :
VNJ-209

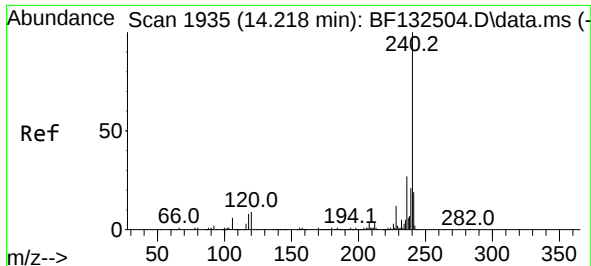
Tgt Ion: 77 Resp: 145554
Ion Ratio Lower Upper
77 100
182 80.3 5.5 45.5#
105 157.8 1.8 41.8#
51 31.2 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

Tgt Ion: 188 Resp: 812474
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.2 8.7 13.1

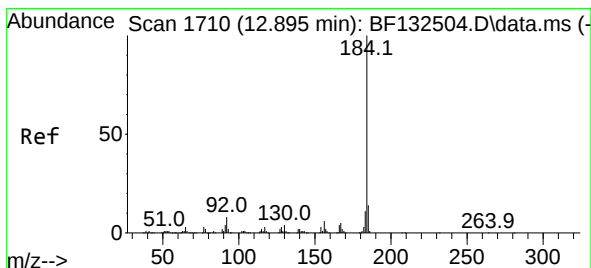
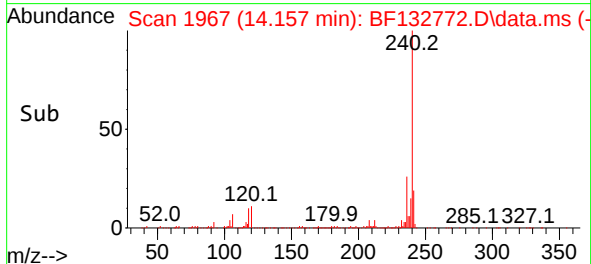
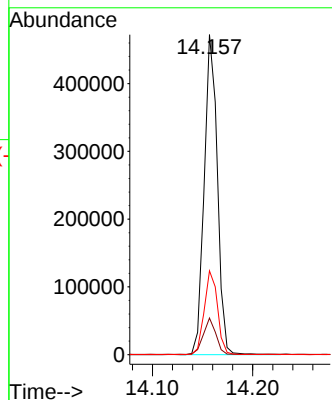
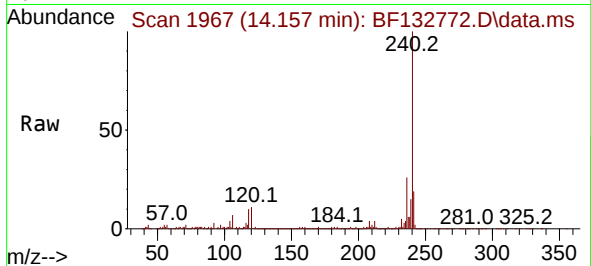




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

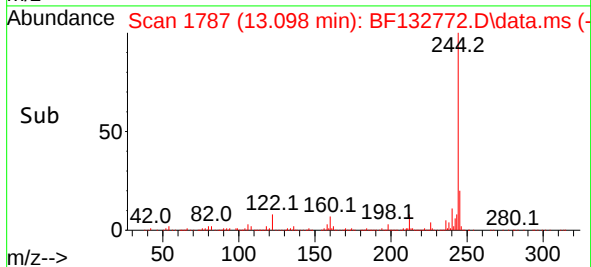
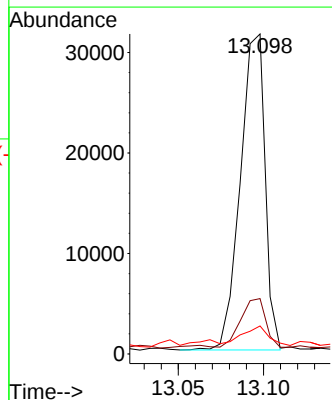
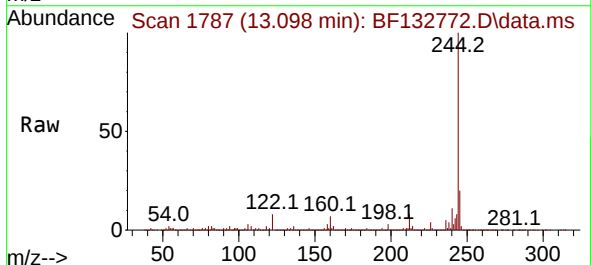
Instrument :
BNA_F
ClientSampleId :
VNJ-209

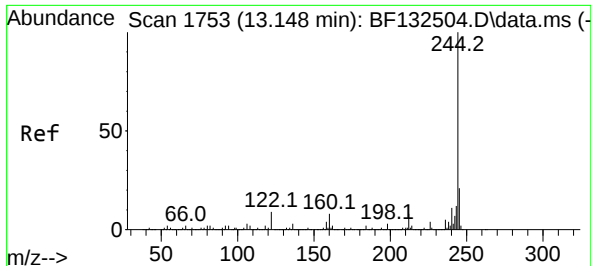
Tgt Ion:240 Resp: 431696
Ion Ratio Lower Upper
240 100
120 11.4 7.2 10.8#
236 26.2 21.8 32.6



#77
Benzidine
Concen: 3.028 ng
RT: 13.098 min Scan# 1787
Delta R.T. 0.247 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

Tgt Ion:184 Resp: 31818
Ion Ratio Lower Upper
184 100
185 17.3 11.7 17.5
183 8.8 8.7 13.1

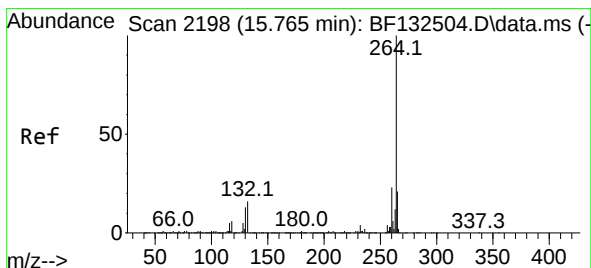
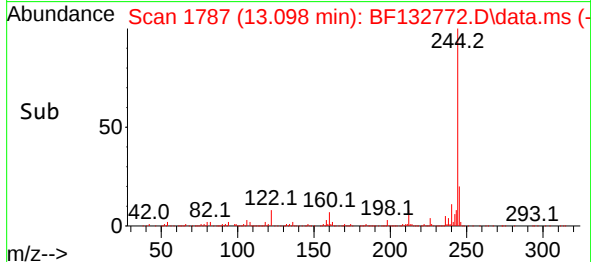
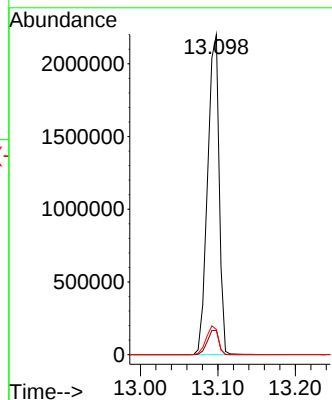
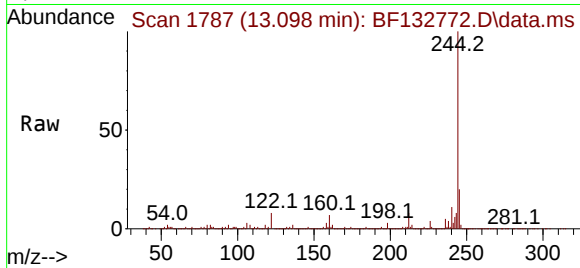




#79
 Terphenyl-d14
 Concen: 88.874 ng
 RT: 13.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132772.D
 Acq: 13 Mar 2023 21:32

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-209

Tgt Ion:244 Resp: 2269203
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 7.9 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2228
 Delta R.T. -0.006 min
 Lab File: BF132772.D
 Acq: 13 Mar 2023 21:32

Tgt Ion:264 Resp: 442327
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.7 17.1 25.7

