

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132654.D
 Acq On : 06 Mar 2023 18:05
 Operator : CG\JU
 Sample : 01767-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CE-54-030123

Quant Time: Mar 07 00:56:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

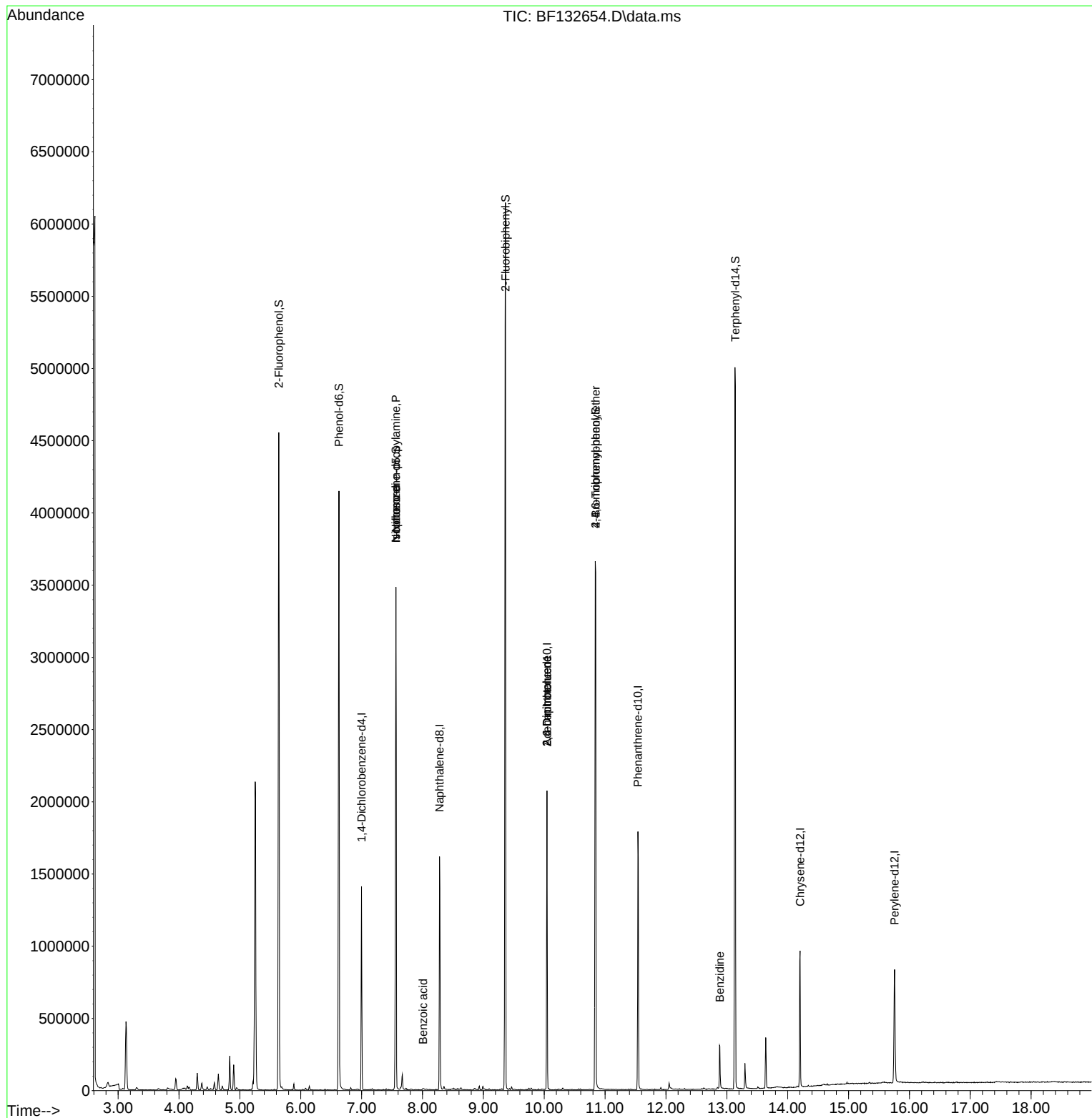
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	191424	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	708658	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	379106	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	677695	20.000	ng	0.00
76) Chrysene-d12	14.204	240	333981	20.000	ng	0.00
86) Perylene-d12	15.757	264	391278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1373462	116.448	ng	0.00
7) Phenol-d6	6.628	99	1622333	105.394	ng	0.00
23) Nitrobenzene-d5	7.563	82	1253414	83.916	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	511011	124.814	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1951992	78.401	ng	0.00
79) Terphenyl-d14	13.139	244	2012067	101.859	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.563	70	167256	17.655	ng	# 75
25) Isophorone	7.563	82	1253401	43.769	ng	# 67
32) Benzoic acid	8.010	122	3133	4.165	ng	87
51) 2,6-Dinitrotoluene	10.045	165	48740	7.753	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	48740	5.828	ng	# 21
67) 4-Bromophenyl-phenylether	10.845	248	34066	4.444	ng	# 1
77) Benzidine	12.886	184	132544	16.303	ng	98

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

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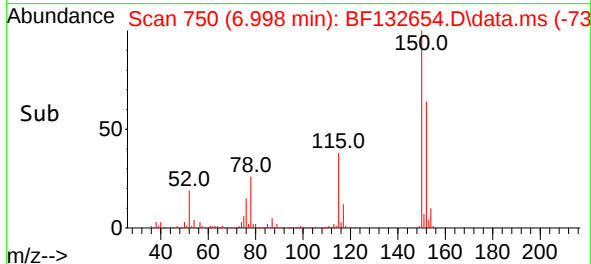
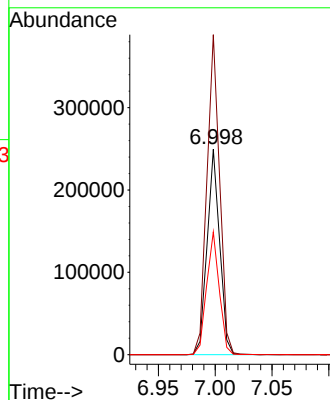
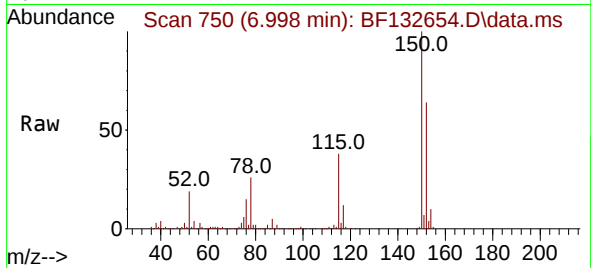




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

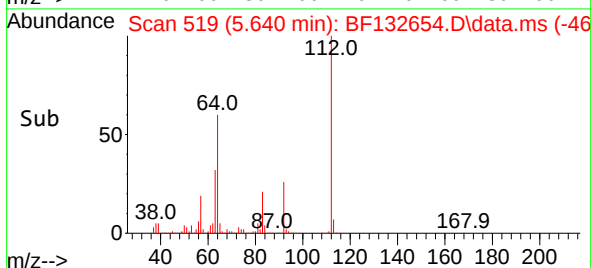
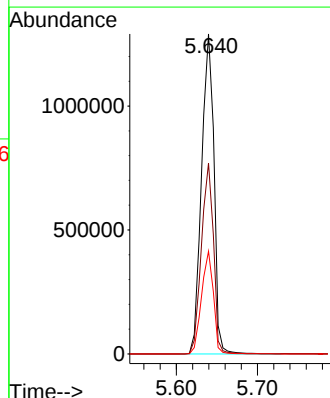
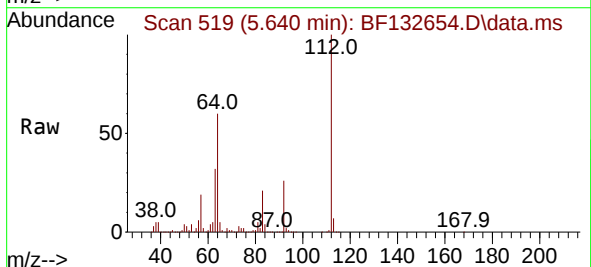
Instrument :
BNA_F
ClientSampleId :
CE-54-030123

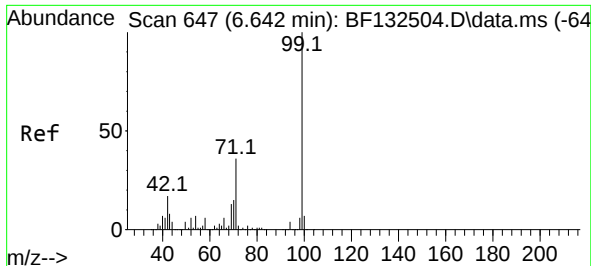
Tgt Ion:152 Resp: 191424
Ion Ratio Lower Upper
152 100
150 155.7 125.4 188.2
115 59.7 47.8 71.6



#5
2-Fluorophenol
Concen: 116.448 ng
RT: 5.640 min Scan# 519
Delta R.T. 0.009 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

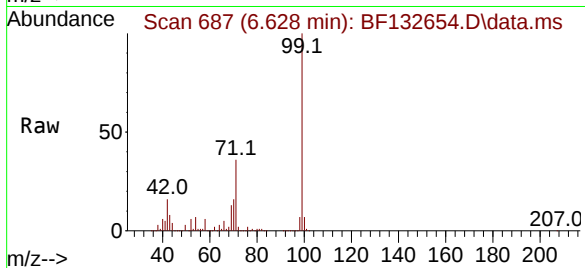
Tgt Ion:112 Resp: 1373462
Ion Ratio Lower Upper
112 100
64 59.6 51.6 77.4
63 32.1 27.4 41.2





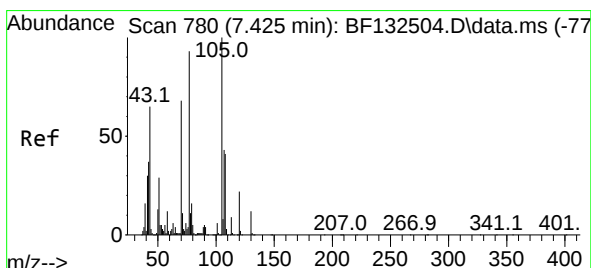
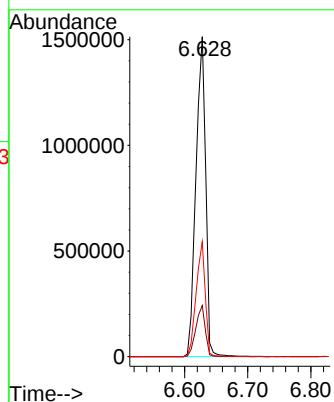
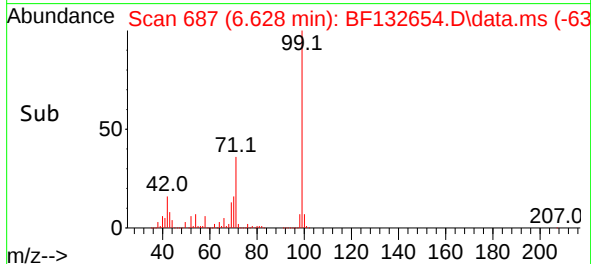
#7
Phenol-d6
Concen: 105.394 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

Instrument :
BNA_F
ClientSampleId :
CE-54-030123



Tgt Ion: 99 Resp: 1622333

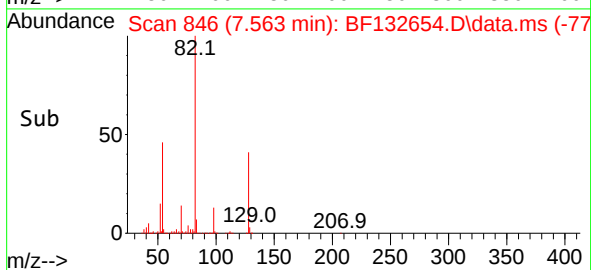
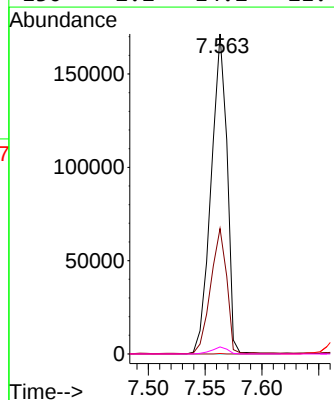
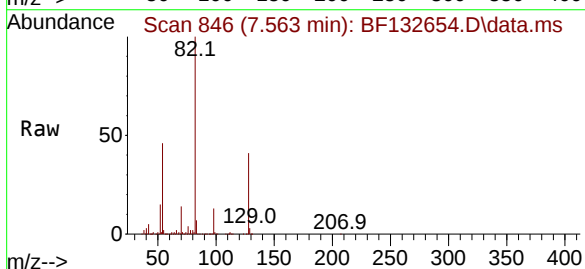
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.9	20.9
71	35.9	28.5	42.7

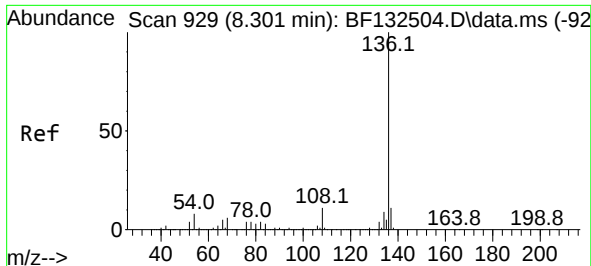


#19
n-Nitroso-di-n-propylamine
Concen: 17.655 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

Tgt Ion: 70 Resp: 167256

Ion	Ratio	Lower	Upper
70	100		
42	39.2	44.1	66.1#
101	0.1	7.4	11.2#
130	2.2	14.2	21.4#

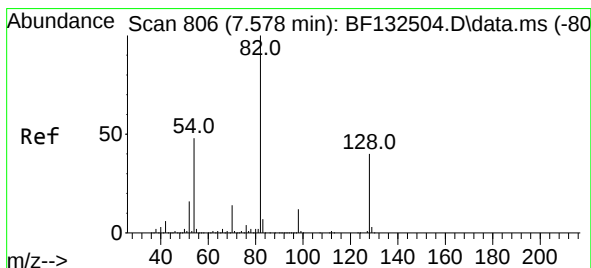
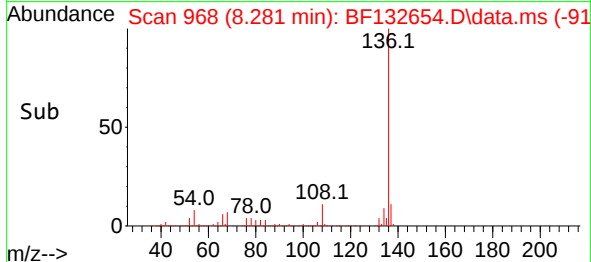
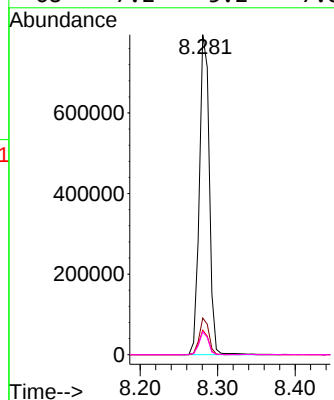
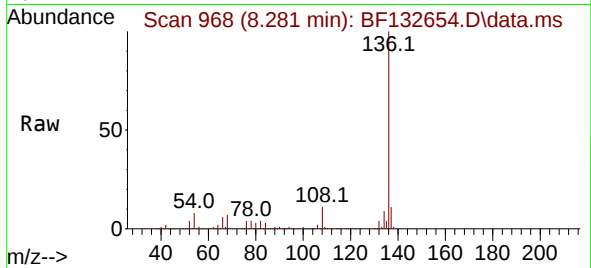




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 90
Delta R.T. -0.009 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

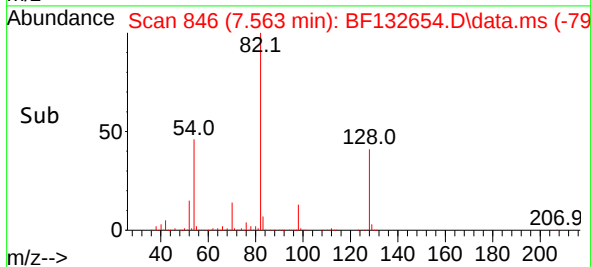
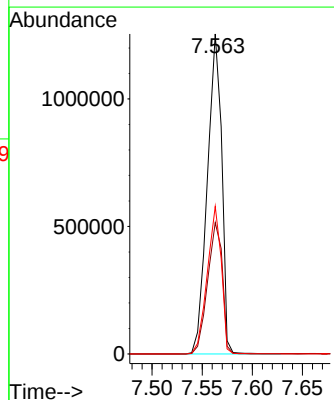
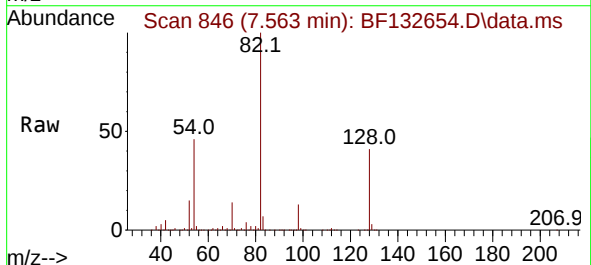
Instrument :
BNA_F
ClientSampleId :
CE-54-030123

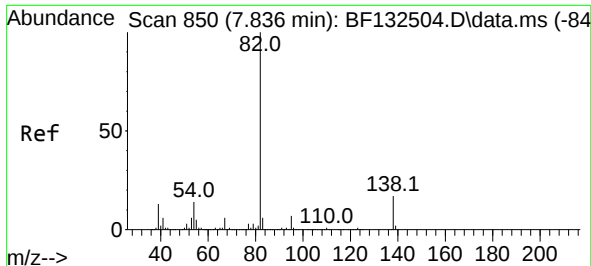
Tgt Ion:136 Resp: 708658
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 7.7 6.2 9.4
68 7.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 83.916 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

Tgt Ion: 82 Resp: 1253414
Ion Ratio Lower Upper
82 100
128 41.0 32.2 48.2
54 46.1 38.4 57.6

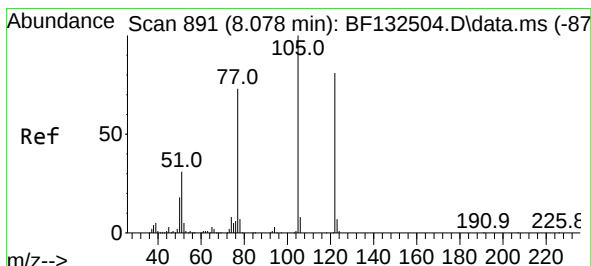
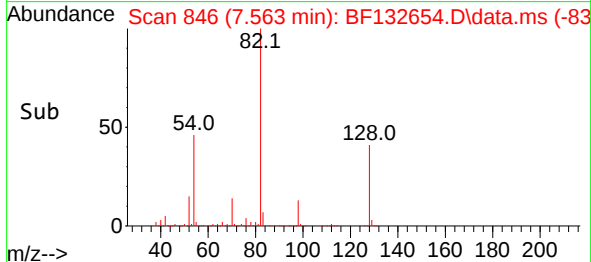
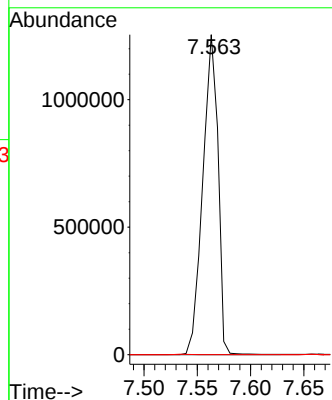
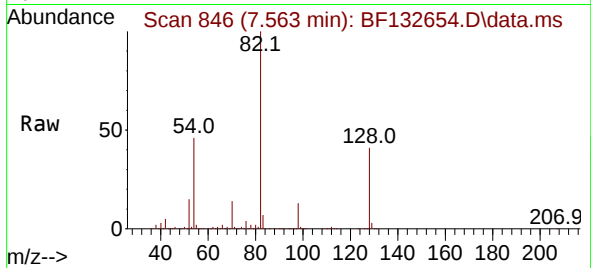




#25
Isophorone
Concen: 43.769 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

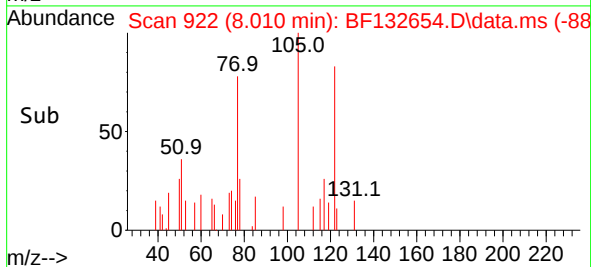
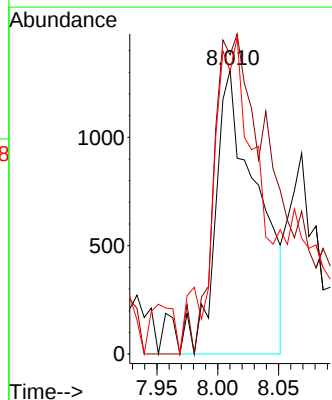
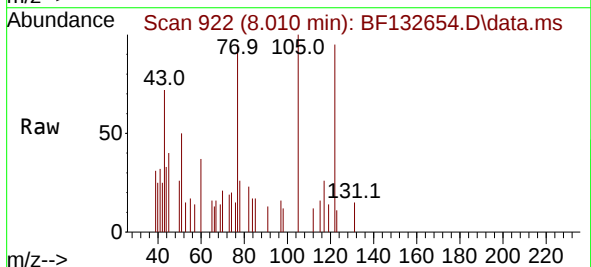
Instrument :
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ClientSampleId :
CE-54-030123

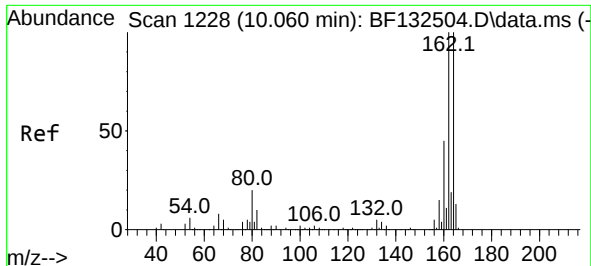
Tgt Ion: 82 Resp: 1253401
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 4.165 ng
RT: 8.010 min Scan# 922
Delta R.T. -0.056 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

Tgt Ion:122 Resp: 3133
Ion Ratio Lower Upper
122 100
105 105.4 102.6 142.6
77 99.7 70.2 110.2

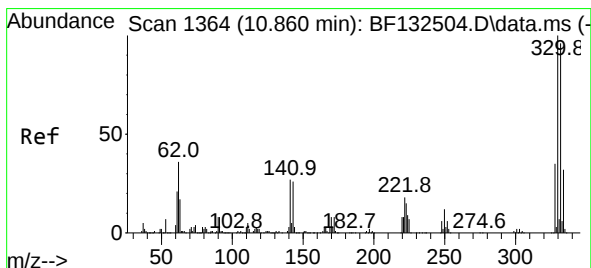
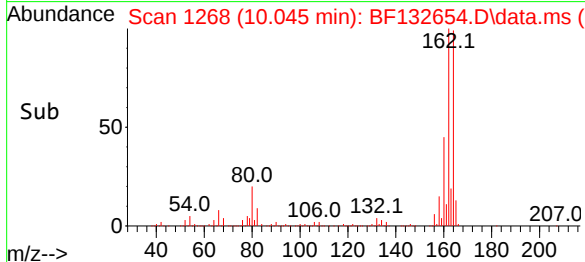
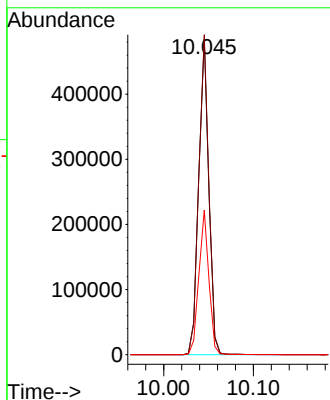
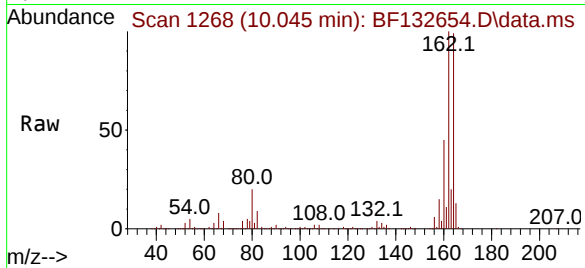




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

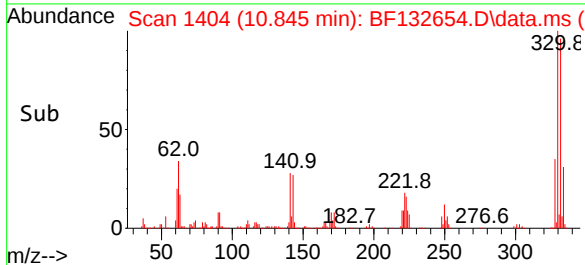
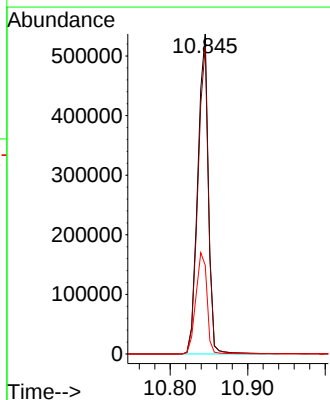
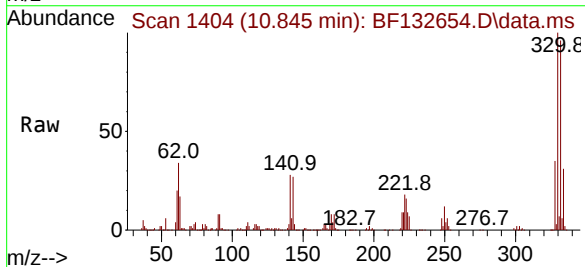
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ClientSampleId :
CE-54-030123

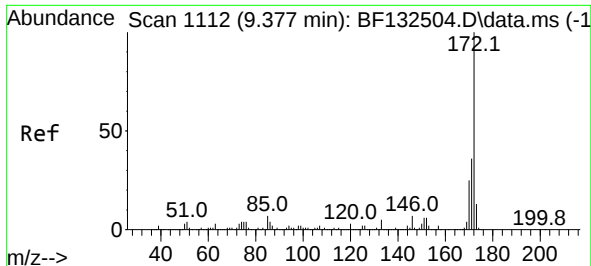
Tgt Ion:164 Resp: 379106
Ion Ratio Lower Upper
164 100
162 101.4 79.8 119.8
160 45.8 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 124.814 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

Tgt Ion:330 Resp: 511011
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 33.2 28.4 42.6

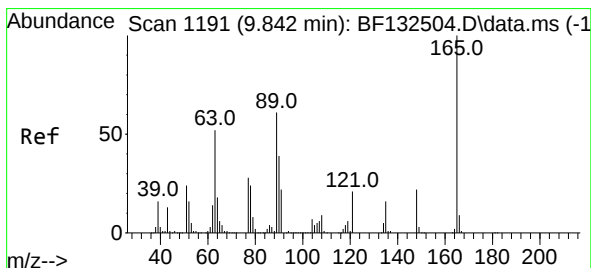
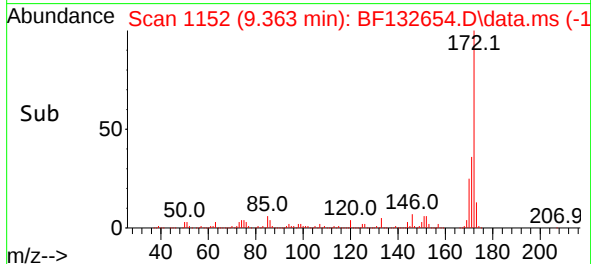
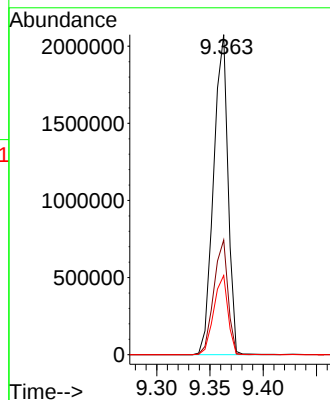
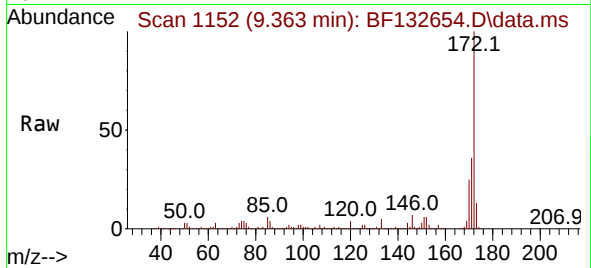




#45
2-Fluorobiphenyl
Concen: 78.401 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

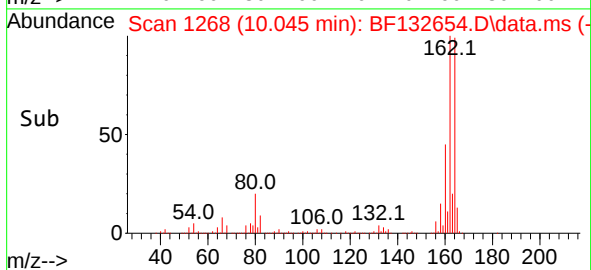
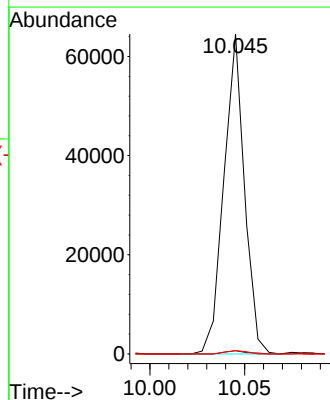
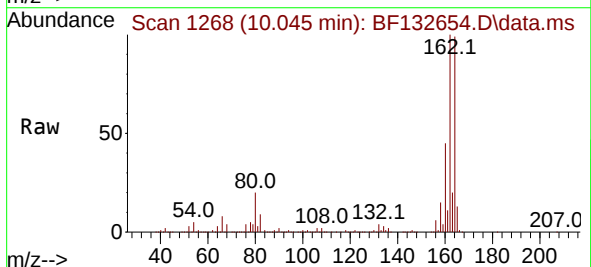
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CE-54-030123

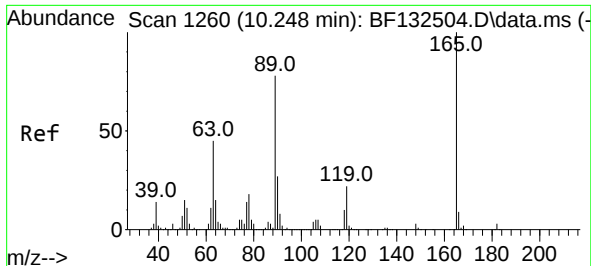
Tgt Ion:172 Resp: 1951992
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.8 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.753 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.209 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

Tgt Ion:165 Resp: 48740
Ion Ratio Lower Upper
165 100
63 1.0 47.3 70.9#
89 1.0 48.9 73.3#

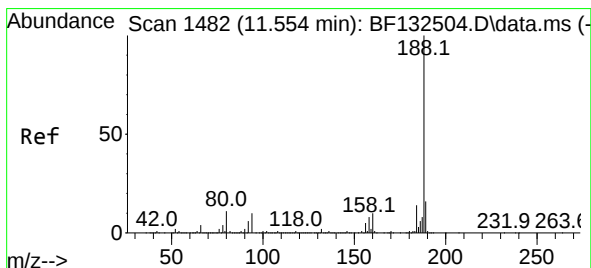
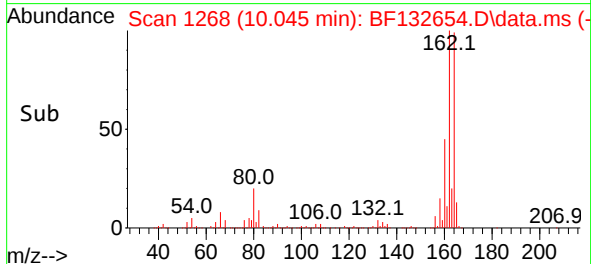
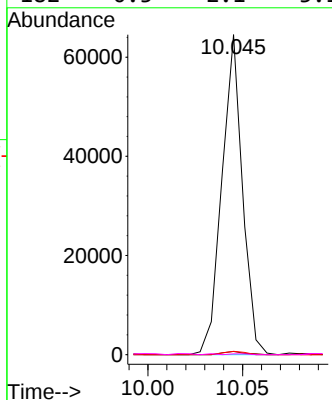
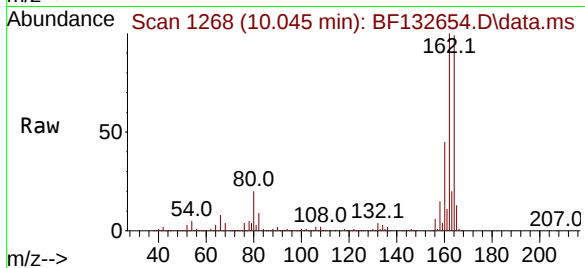




#57
2,4-Dinitrotoluene
Concen: 5.828 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

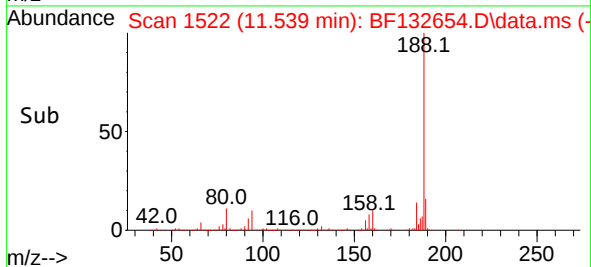
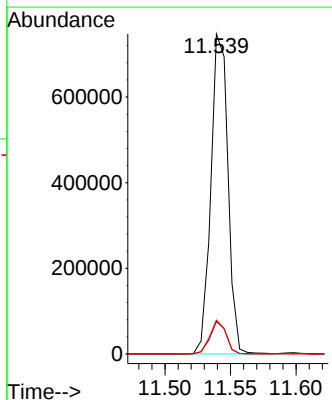
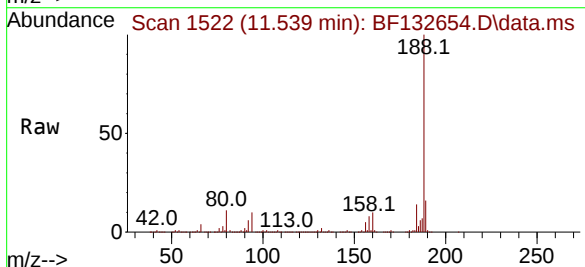
Instrument :
BNA_F
ClientSampleId :
CE-54-030123

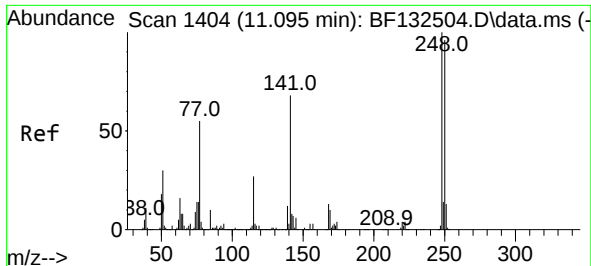
Tgt Ion:165 Resp: 48740
Ion Ratio Lower Upper
165 100
63 1.0 36.5 54.7#
89 1.0 62.4 93.6#
182 0.3 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 1522
Delta R.T. -0.009 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

Tgt Ion:188 Resp: 677695
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.6 8.7 13.1

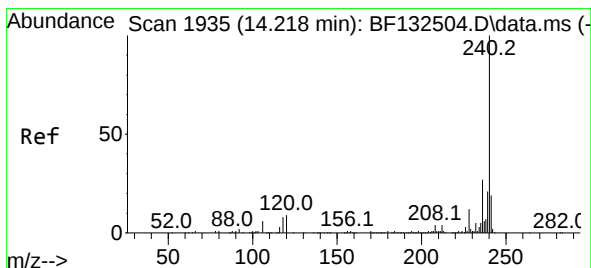
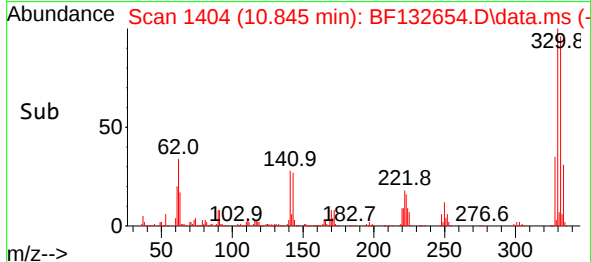
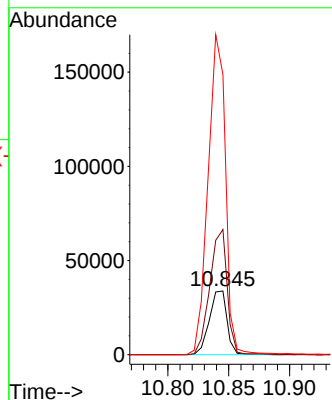
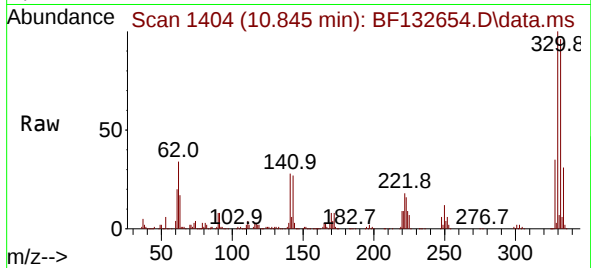




#67
4-Bromophenyl-phenylether
Concen: 4.444 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.244 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

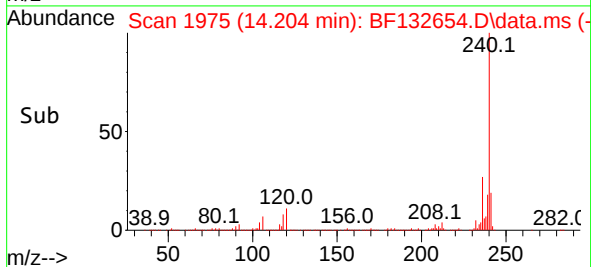
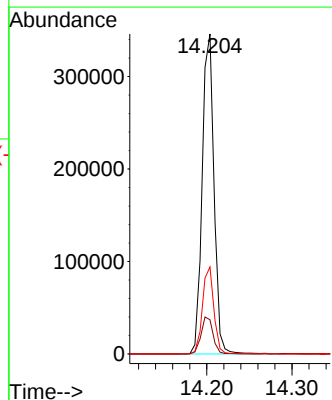
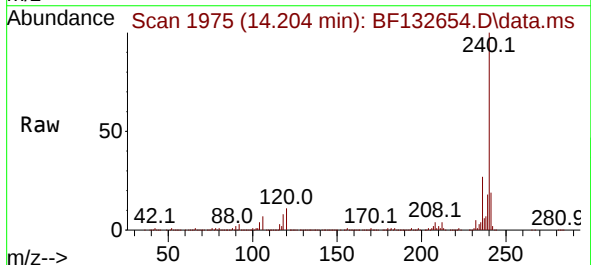
Instrument :
BNA_F
ClientSampleId :
CE-54-030123

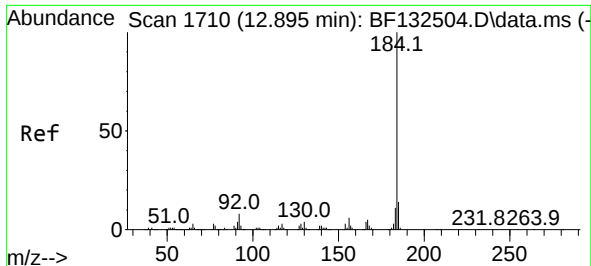
Tgt Ion:248 Resp: 34066
Ion Ratio Lower Upper
248 100
250 196.6 77.0 115.4#
141 439.9 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

Tgt Ion:240 Resp: 333981
Ion Ratio Lower Upper
240 100
120 10.7 7.2 10.8
236 27.2 21.8 32.6

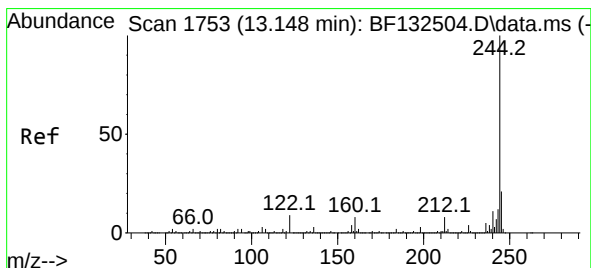
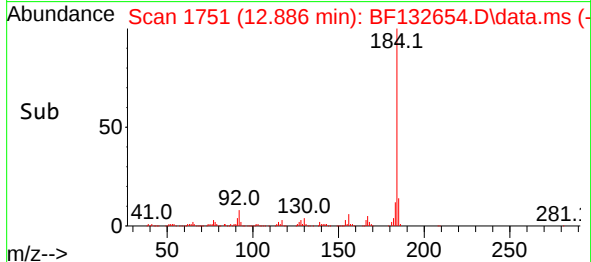
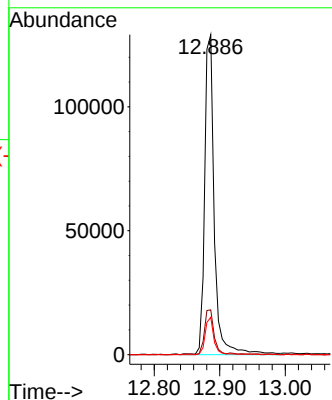
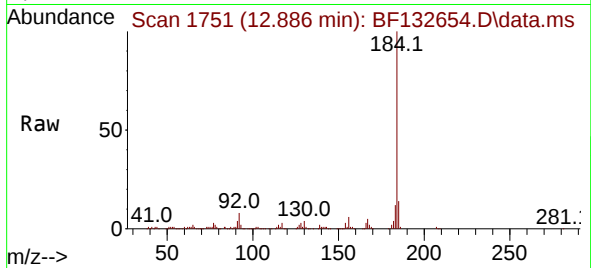




#77
Benzidine
Concen: 16.303 ng
RT: 12.886 min Scan# 1794
Delta R.T. 0.003 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

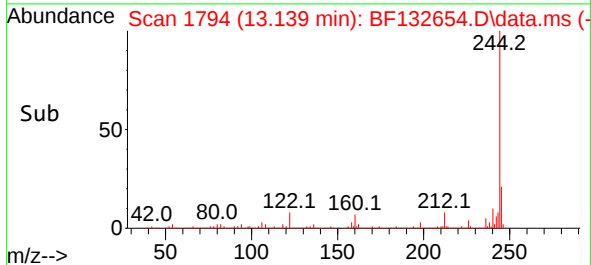
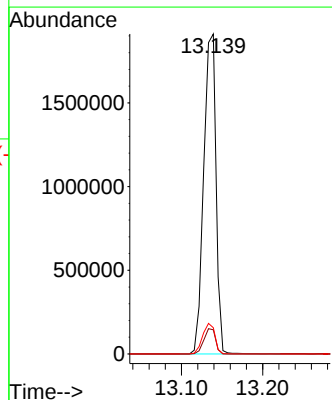
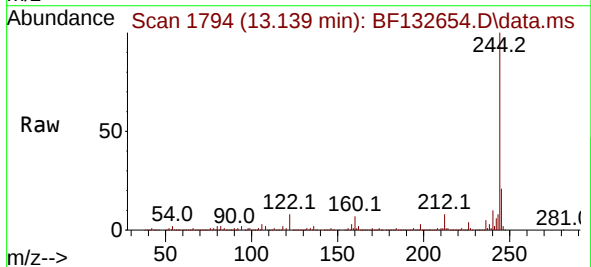
Instrument :
BNA_F
ClientSampleId :
CE-54-030123

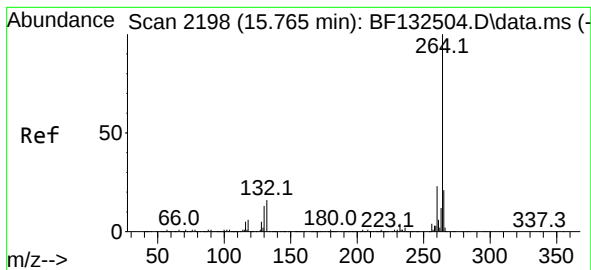
Tgt Ion:184 Resp: 132544
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 11.7 8.7 13.1



#79
Terphenyl-d14
Concen: 101.859 ng
RT: 13.139 min Scan# 1794
Delta R.T. -0.003 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

Tgt Ion:244 Resp: 2012067
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 8.2 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.757 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BF132654.D
 Acq: 06 Mar 2023 18:05

Instrument :
 BNA_F
 ClientSampleId :
 CE-54-030123

Tgt Ion:264 Resp: 391278
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 21.7 17.1 25.7

