

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132382.D
 Acq On : 09 Feb 2023 17:03
 Operator : CG\JU
 Sample : 01442-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2023-2-3

Quant Time: Feb 10 01:00:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

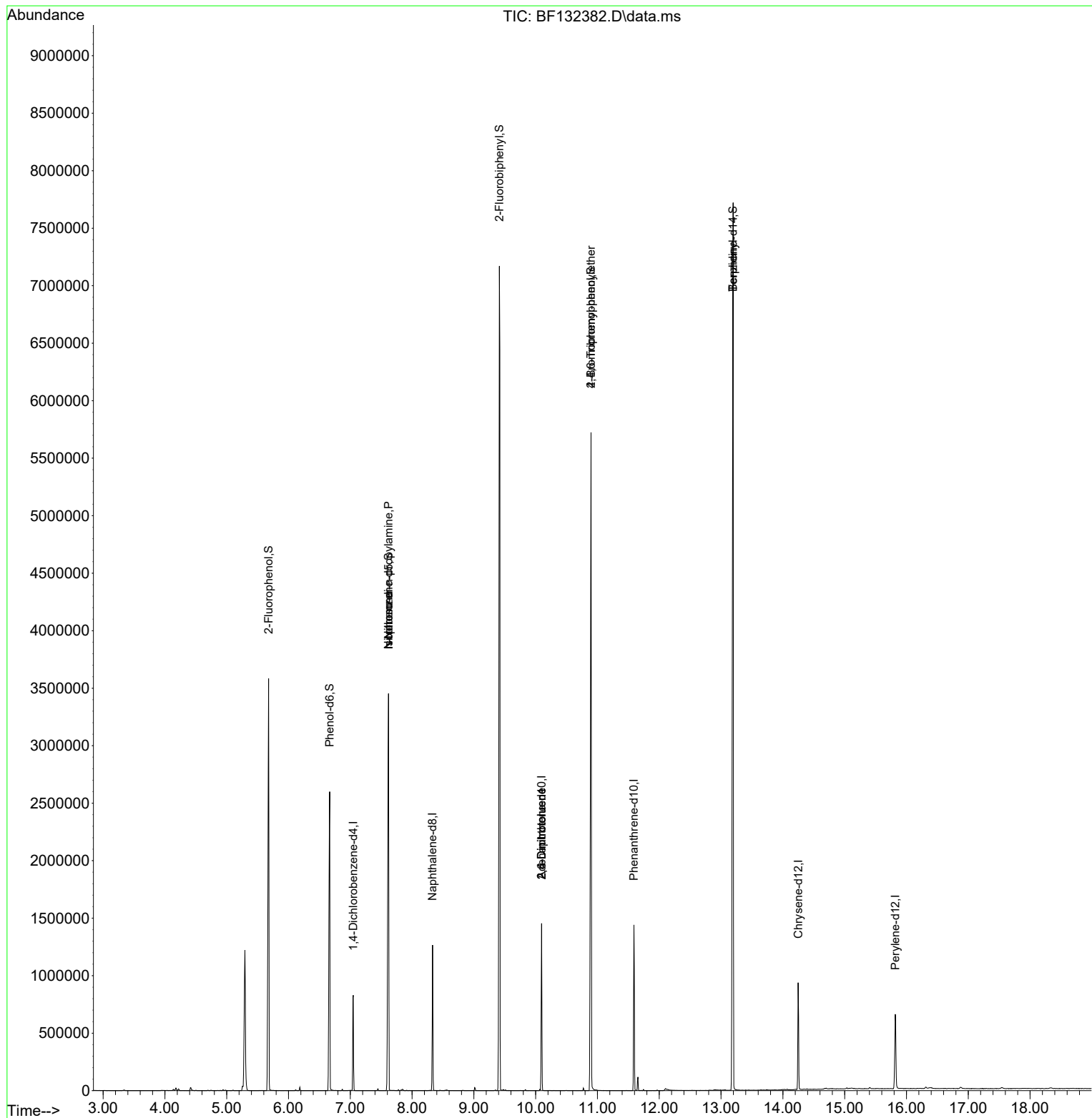
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	136295	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	518709	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	268995	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	503720	20.000	ng	0.00
76) Chrysene-d12	14.248	240	288978	20.000	ng	0.00
86) Perylene-d12	15.819	264	309894	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	1321703	155.875	ng	0.02
7) Phenol-d6	6.666	99	1155002	110.487	ng	0.00
23) Nitrobenzene-d5	7.619	82	1411761	151.454	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	926209	334.826	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	2601964	149.374	ng	0.00
79) Terphenyl-d14	13.195	244	3154591	211.167	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.666	77	1667	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.619	70	178607	30.079	ng	# 76
25) Isophorone	7.619	82	1411748	79.796	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	35291	8.398	ng	# 25
57) 2,4-Dinitrotoluene	10.095	165	35291	6.465	ng	# 23
67) 4-Bromophenyl-phenylether	10.895	248	51399	9.965	ng	# 1
77) Benzidine	13.195	184	50524	5.001	ng	# 95

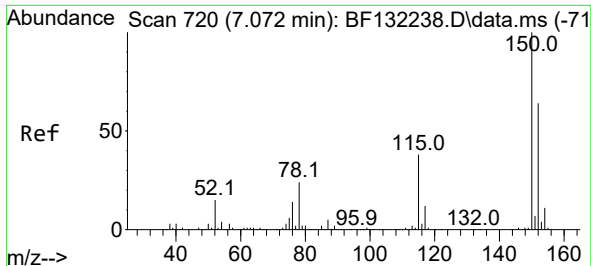
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 10 01:00:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 09 01:56:26 2023
Response via : Initial Calibration

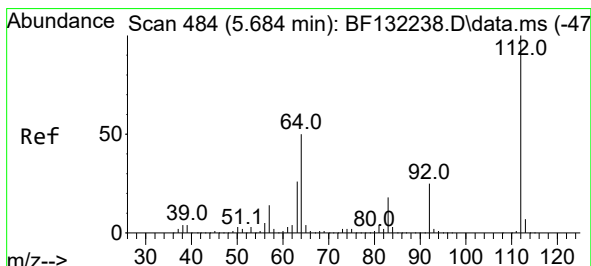
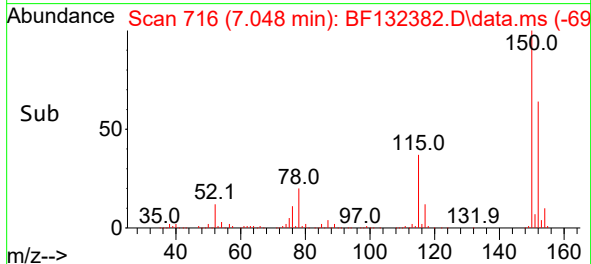
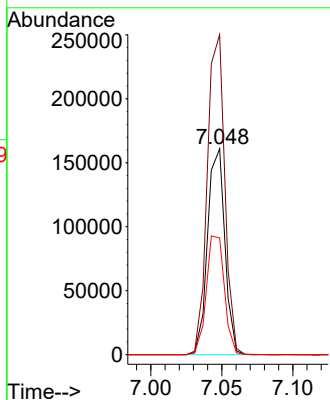
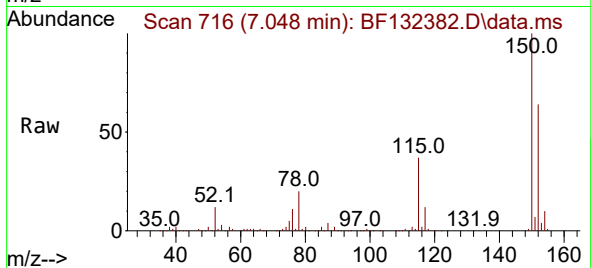




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132382.D
 Acq: 09 Feb 2023 17:03

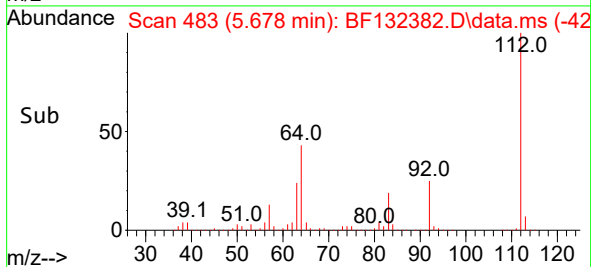
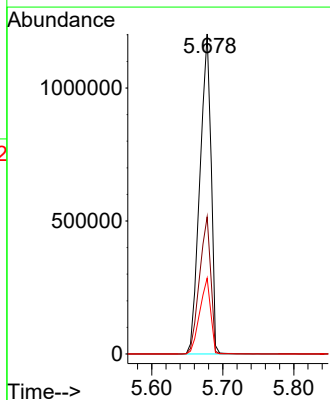
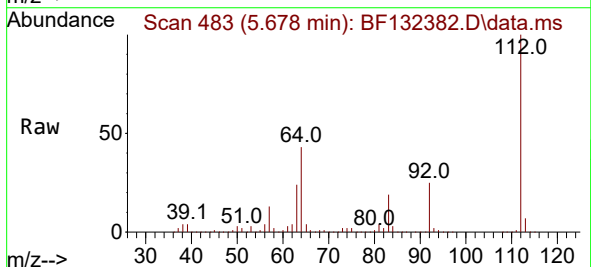
Instrument :
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 ClientSampleId :
 EB-2023-2-3

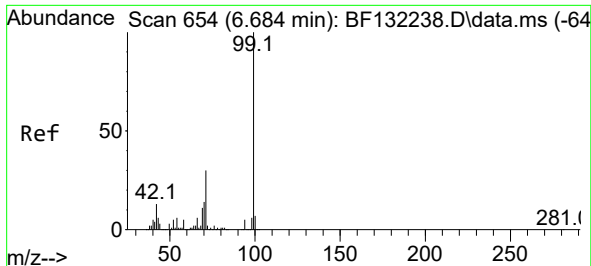
Tgt Ion:152 Resp: 136295
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.2 186.2
 115 56.7 47.3 70.9



#5
 2-Fluorophenol
 Concen: 155.875 ng
 RT: 5.678 min Scan# 483
 Delta R.T. 0.018 min
 Lab File: BF132382.D
 Acq: 09 Feb 2023 17:03

Tgt Ion:112 Resp: 1321703
 Ion Ratio Lower Upper
 112 100
 64 42.9 40.0 60.0
 63 23.7 20.5 30.7

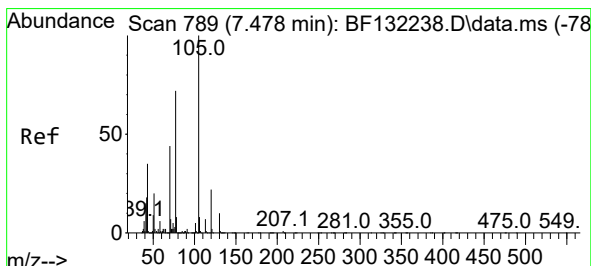
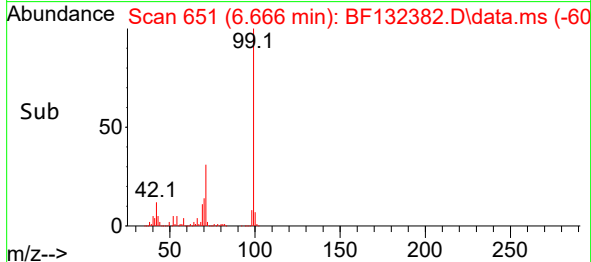
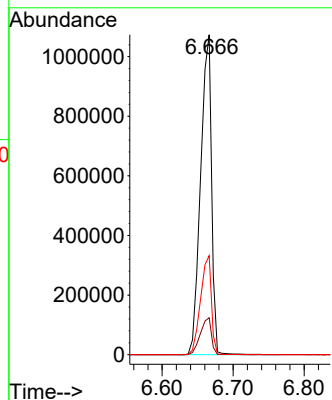
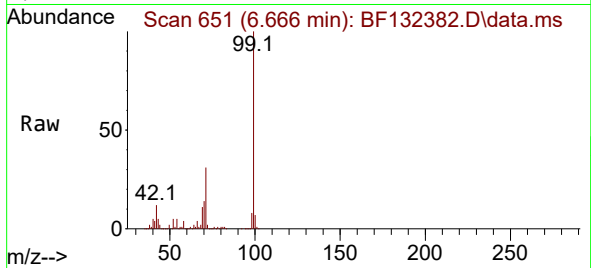




#7
Phenol-d6
Concen: 110.487 ng
RT: 6.666 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132382.D
Acq: 09 Feb 2023 17:03

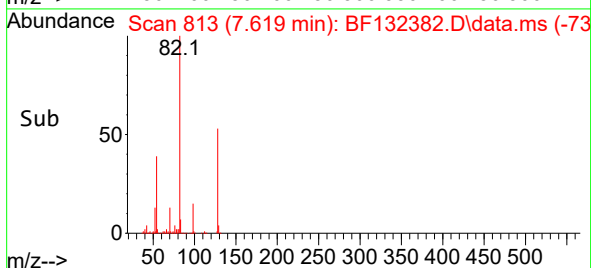
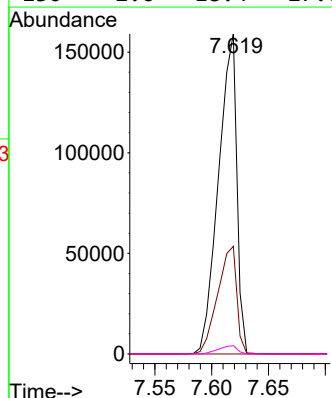
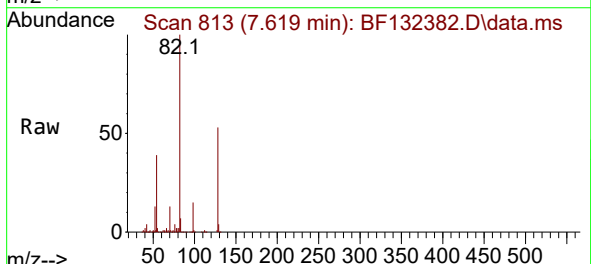
Instrument :
BNA_F
ClientSampleId :
EB-2023-2-3

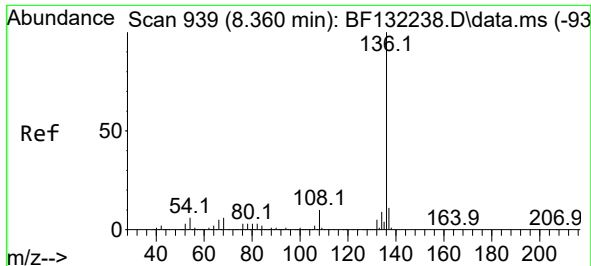
Tgt Ion: 99 Resp: 1155002
Ion Ratio Lower Upper
99 100
42 11.6 10.1 15.1
71 30.9 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 30.079 ng
RT: 7.619 min Scan# 813
Delta R.T. 0.159 min
Lab File: BF132382.D
Acq: 09 Feb 2023 17:03

Tgt Ion: 70 Resp: 178607
Ion Ratio Lower Upper
70 100
42 33.7 33.4 50.0
101 0.0 8.2 12.4#
130 2.6 18.4 27.6#



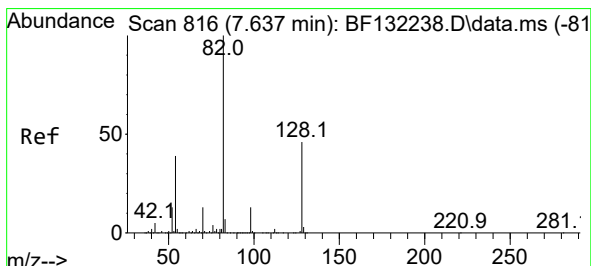
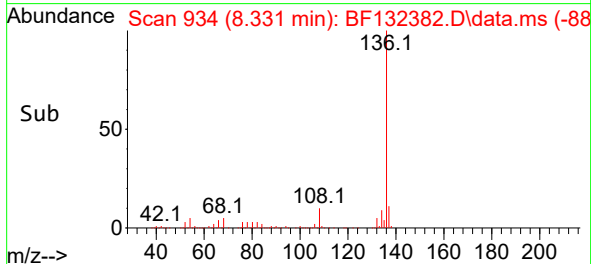
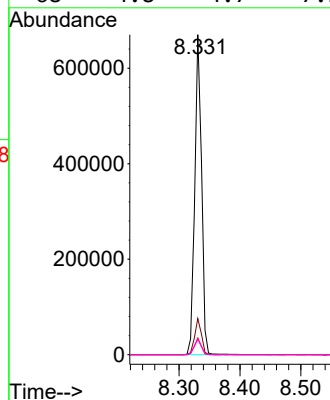
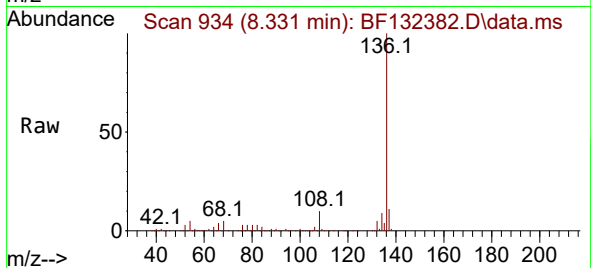


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132382.D
Acq: 09 Feb 2023 17:03

Instrument :
BNA_F
ClientSampleId :
EB-2023-2-3

Tgt Ion:136 Resp: 518709

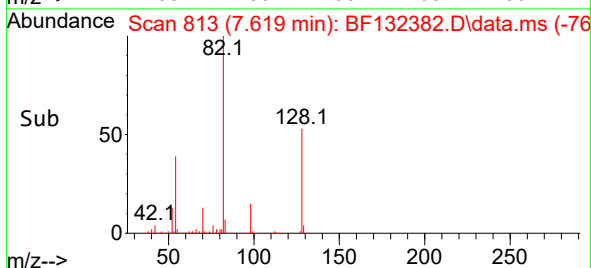
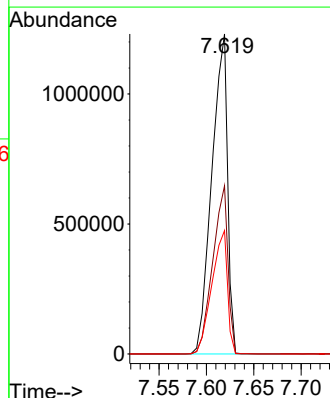
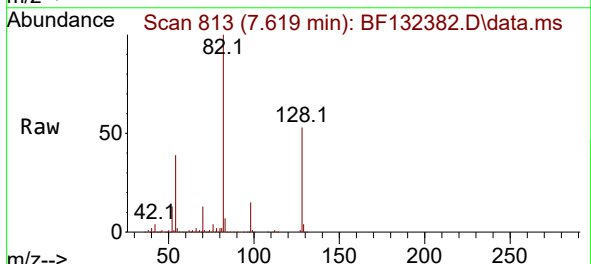
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	5.3	4.9	7.3
68	4.8	4.7	7.1

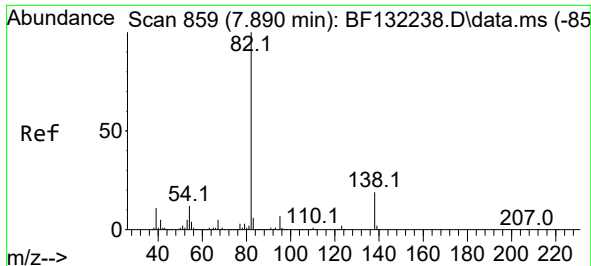


#23
Nitrobenzene-d5
Concen: 151.454 ng
RT: 7.619 min Scan# 813
Delta R.T. 0.006 min
Lab File: BF132382.D
Acq: 09 Feb 2023 17:03

Tgt Ion: 82 Resp: 1411761

Ion	Ratio	Lower	Upper
82	100		
128	52.5	37.0	55.4
54	38.6	31.5	47.3

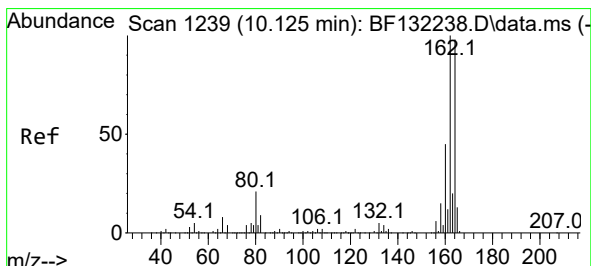
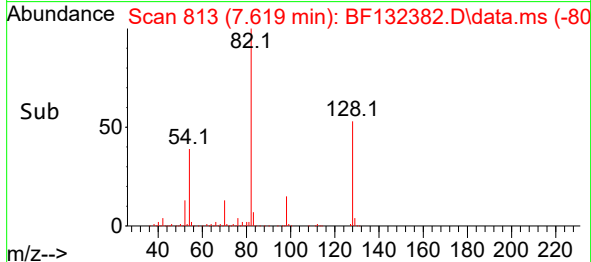
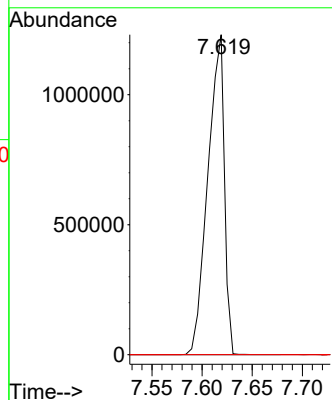
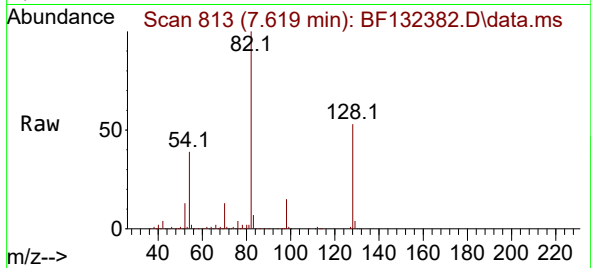




#25
Isophorone
Concen: 79.796 ng
RT: 7.619 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF132382.D
Acq: 09 Feb 2023 17:03

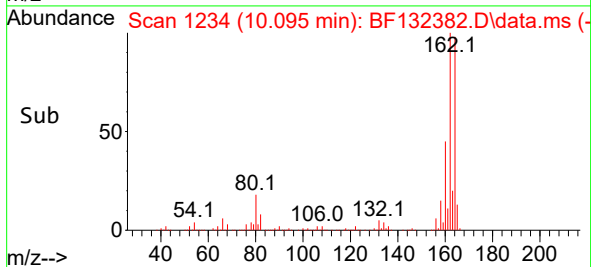
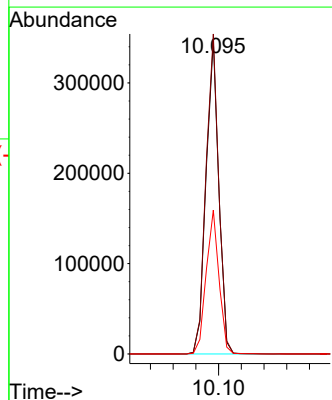
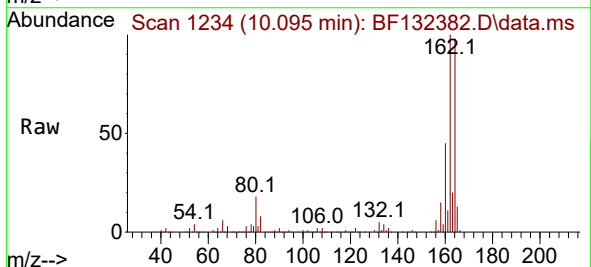
Instrument :
BNA_F
ClientSampleId :
EB-2023-2-3

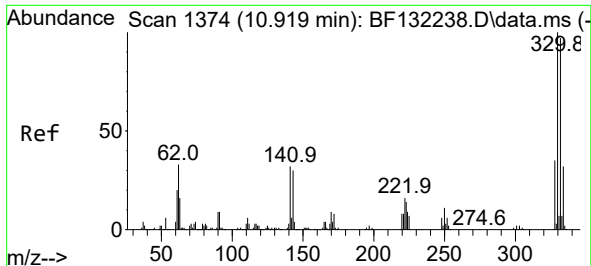
Tgt Ion: 82 Resp: 1411748
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132382.D
Acq: 09 Feb 2023 17:03

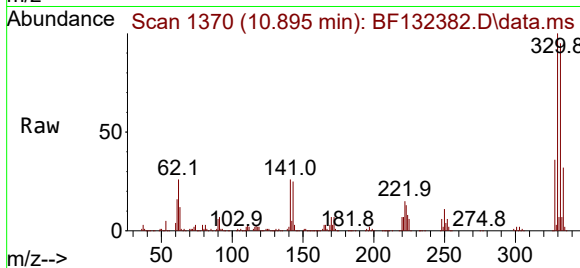
Tgt Ion: 164 Resp: 268995
Ion Ratio Lower Upper
164 100
162 102.0 82.0 123.0
160 45.8 37.1 55.7



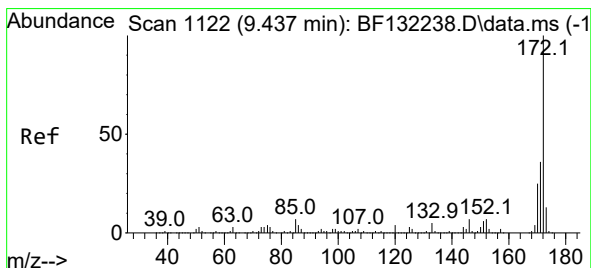
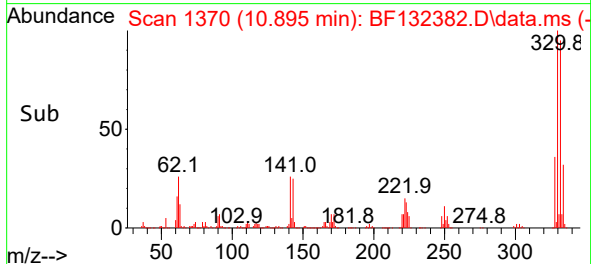
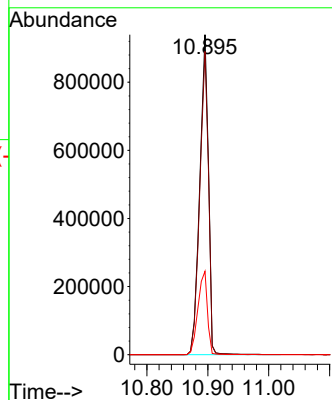


#42
2,4,6-Tribromophenol
Concen: 334.826 ng
RT: 10.895 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF132382.D
Acq: 09 Feb 2023 17:03

Instrument :
BNA_F
ClientSampleId :
EB-2023-2-3

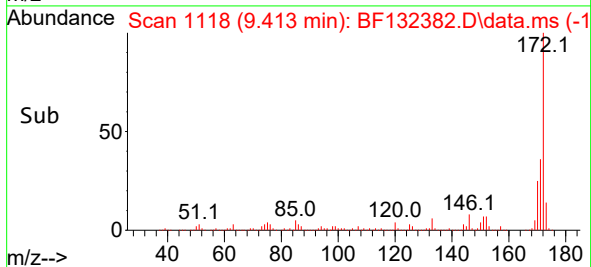
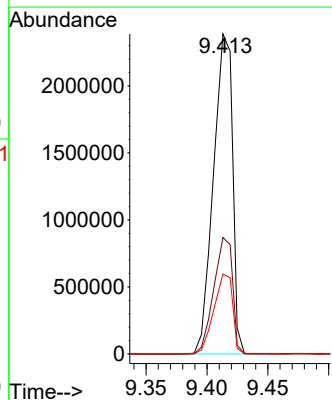
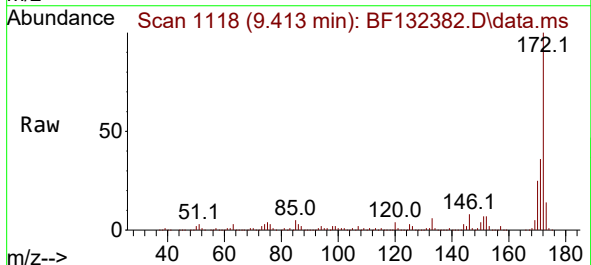


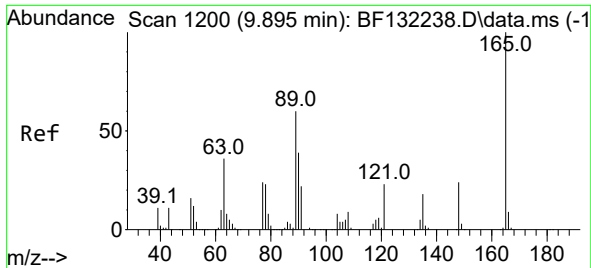
Tgt Ion:330 Resp: 926209
Ion Ratio Lower Upper
330 100
332 95.7 77.9 116.9
141 28.5 31.0 46.4#



#45
2-Fluorobiphenyl
Concen: 149.374 ng
RT: 9.413 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF132382.D
Acq: 09 Feb 2023 17:03

Tgt Ion:172 Resp: 2601964
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 25.0 19.7 29.5

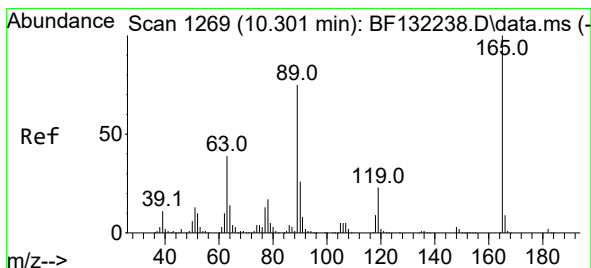
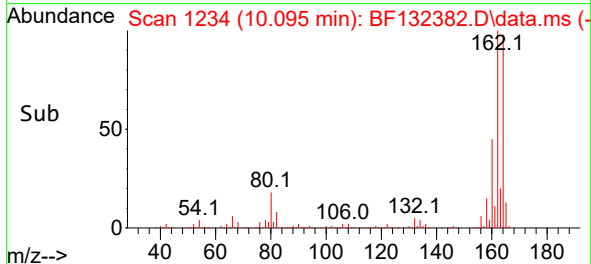
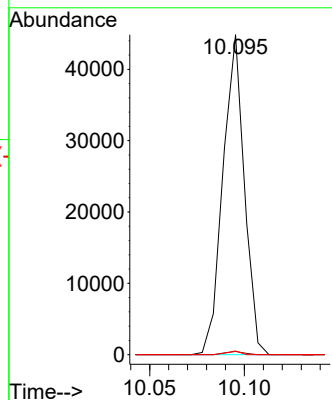
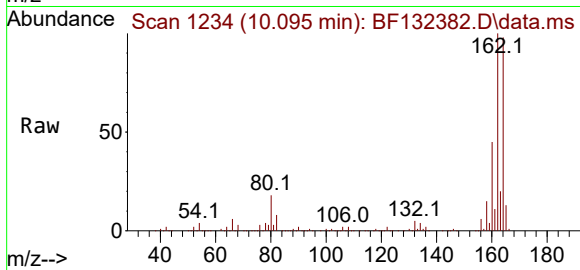




#51
2,6-Dinitrotoluene
Concen: 8.398 ng
RT: 10.095 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132382.D
Acq: 09 Feb 2023 17:03

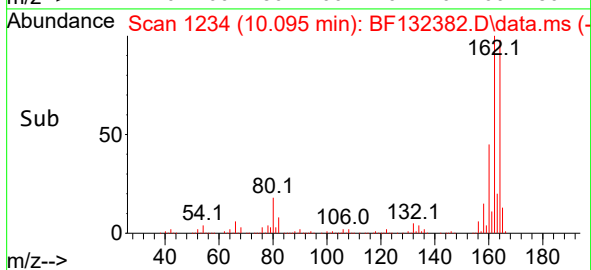
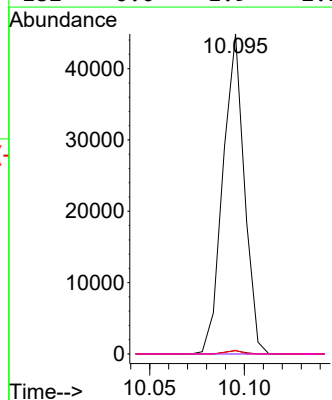
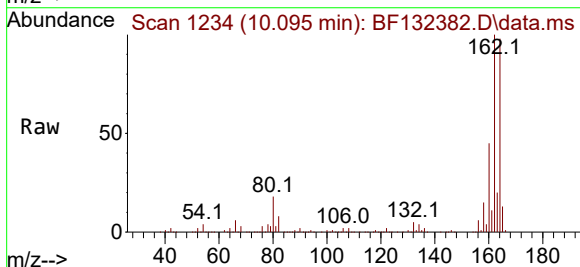
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BNA_F
ClientSampleId :
EB-2023-2-3

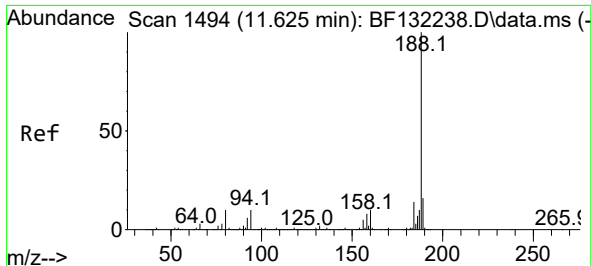
Tgt Ion:165 Resp: 35291
Ion Ratio Lower Upper
165 100
63 1.0 41.5 62.3#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.465 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.188 min
Lab File: BF132382.D
Acq: 09 Feb 2023 17:03

Tgt Ion:165 Resp: 35291
Ion Ratio Lower Upper
165 100
63 1.0 30.9 46.3#
89 1.1 60.1 90.1#
182 0.0 1.9 2.9#

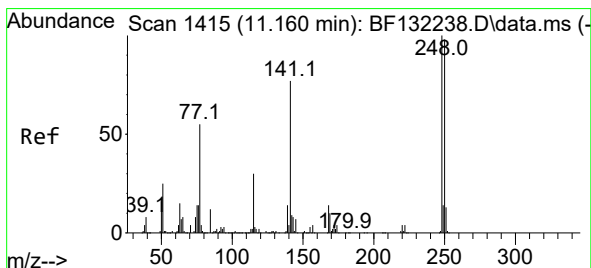
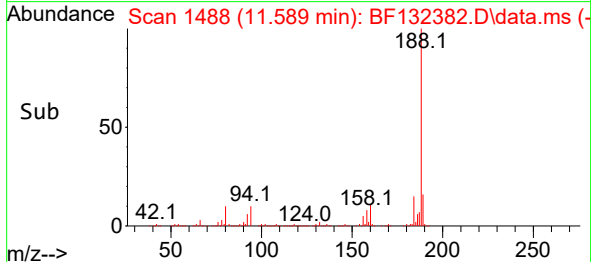
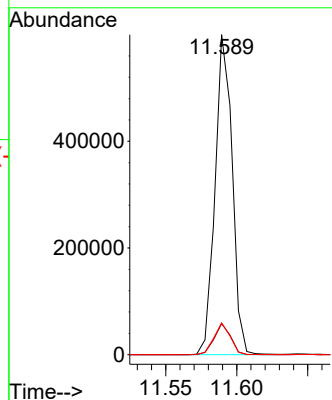
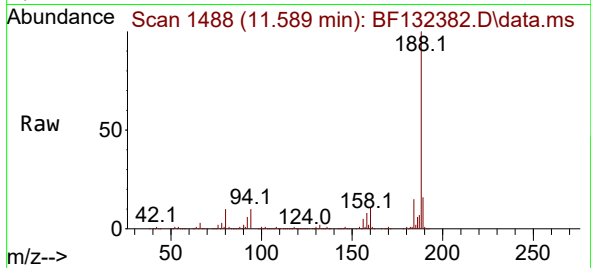




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.589 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132382.D
Acq: 09 Feb 2023 17:03

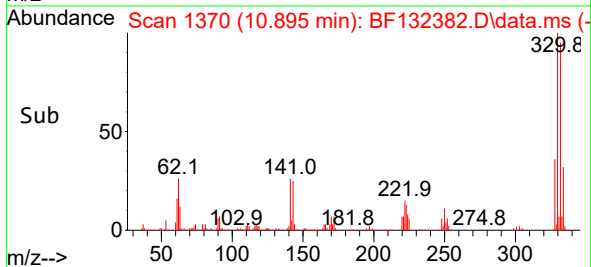
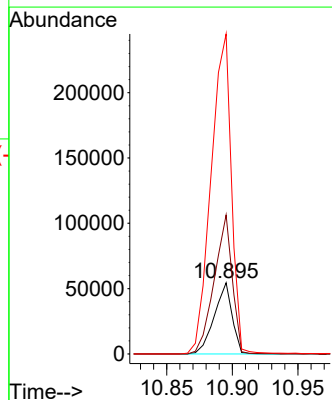
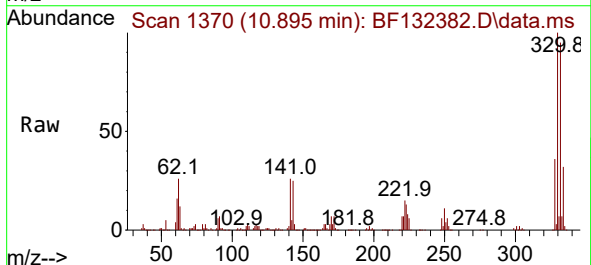
Instrument :
BNA_F
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EB-2023-2-3

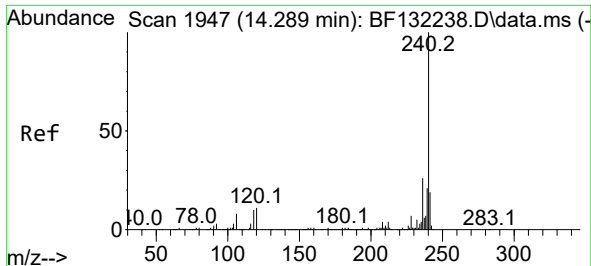
Tgt Ion:188 Resp: 503720
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 10.0 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 9.965 ng
RT: 10.895 min Scan# 1370
Delta R.T. -0.235 min
Lab File: BF132382.D
Acq: 09 Feb 2023 17:03

Tgt Ion:248 Resp: 51399
Ion Ratio Lower Upper
248 100
250 195.3 78.6 117.8#
141 449.4 61.6 92.4#

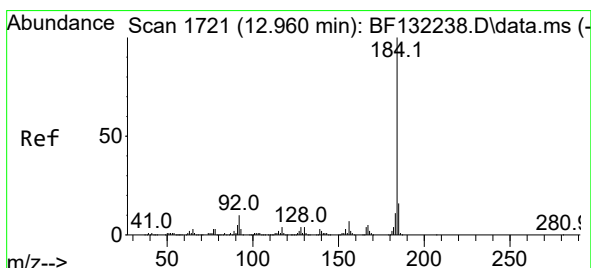
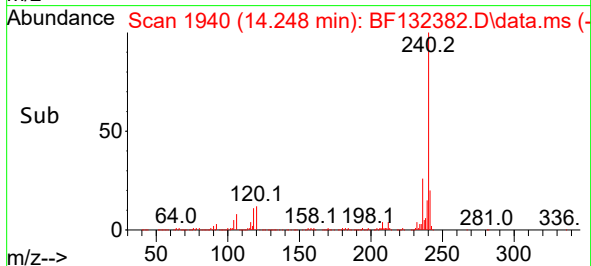
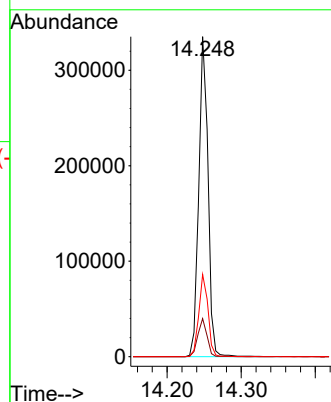
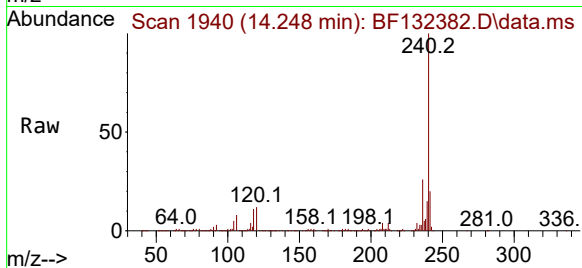




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132382.D
Acq: 09 Feb 2023 17:03

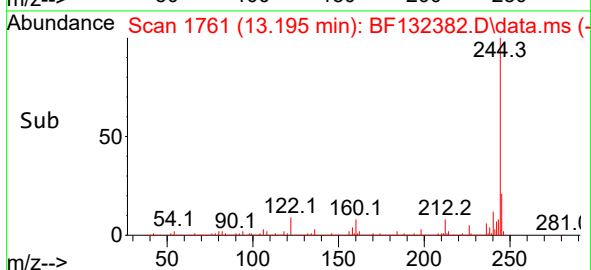
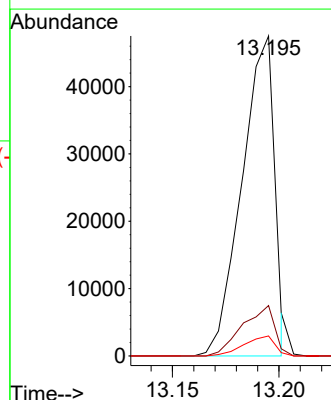
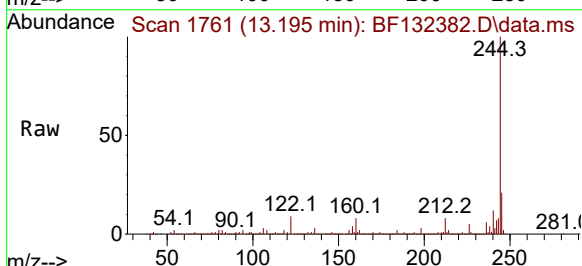
Instrument :
BNA_F
ClientSampleId :
EB-2023-2-3

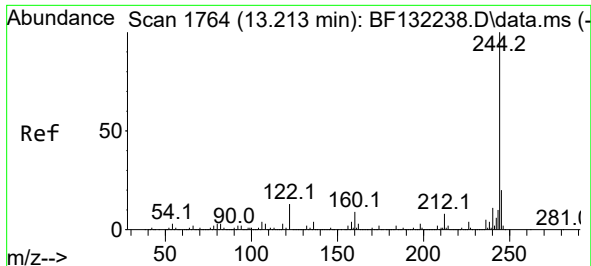
Tgt Ion:240 Resp: 288978
Ion Ratio Lower Upper
240 100
120 11.9 8.8 13.2
236 25.7 21.0 31.6



#77
Benzidine
Concen: 5.001 ng
RT: 13.195 min Scan# 1761
Delta R.T. 0.265 min
Lab File: BF132382.D
Acq: 09 Feb 2023 17:03

Tgt Ion:184 Resp: 50524
Ion Ratio Lower Upper
184 100
185 15.8 12.6 18.8
183 6.3 8.9 13.3#

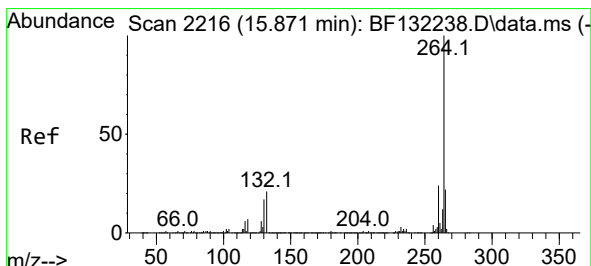
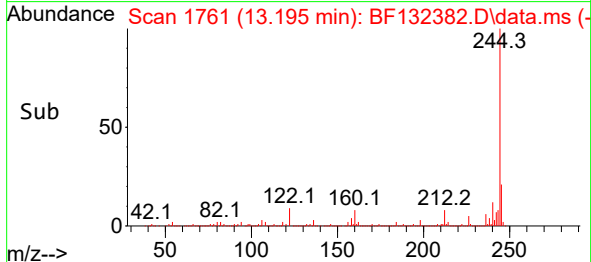
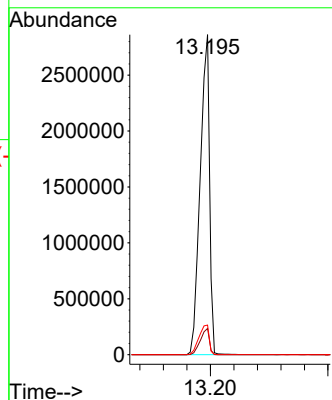
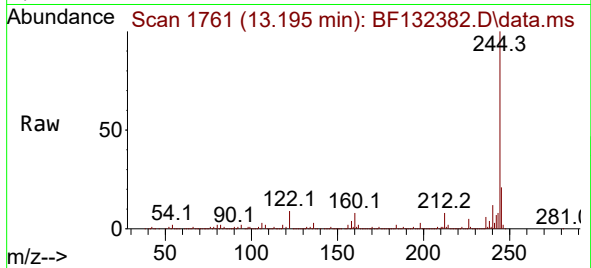




#79
 Terphenyl-d14
 Concen: 211.167 ng
 RT: 13.195 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132382.D
 Acq: 09 Feb 2023 17:03

Instrument :
 BNA_F
 ClientSampleId :
 EB-2023-2-3

Tgt Ion:244 Resp: 3154591
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.4 9.6
 122 9.2 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.819 min Scan# 2207
 Delta R.T. -0.006 min
 Lab File: BF132382.D
 Acq: 09 Feb 2023 17:03

Tgt Ion:264 Resp: 309894
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.4
 265 20.9 17.4 26.2

