

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132361.D
 Acq On : 08 Feb 2023 17:26
 Operator : CG\JU
 Sample : 01462-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Feb 09 02:00:31 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)

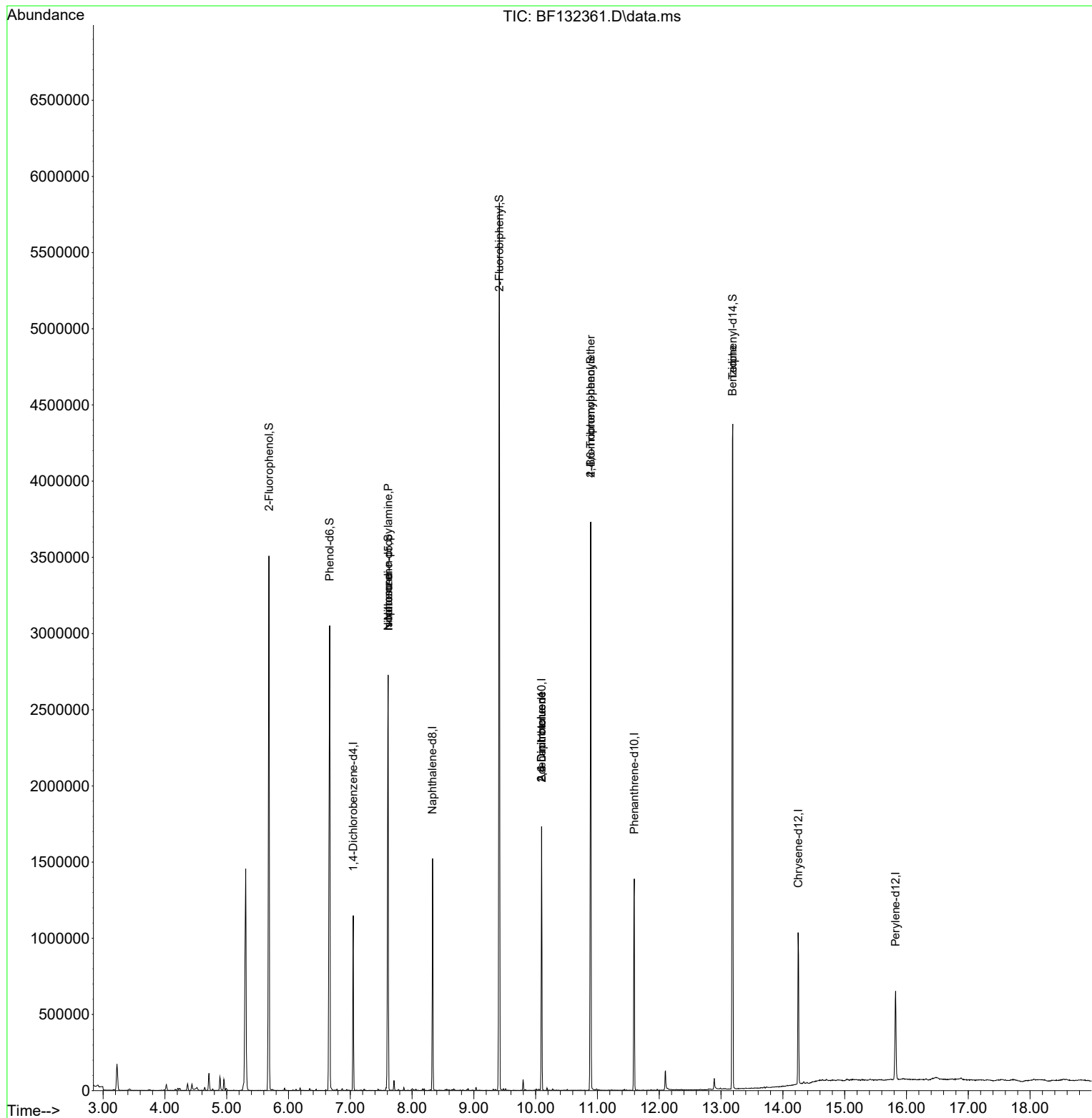
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	172717	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	656371	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	321784	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	522095	20.000	ng	0.00
76) Chrysene-d12	14.248	240	327857	20.000	ng	0.00
86) Perylene-d12	15.824	264	278932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1283009	119.404	ng	0.02
7) Phenol-d6	6.666	99	1450971	109.530	ng	0.00
23) Nitrobenzene-d5	7.613	82	997371	84.557	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	489634	147.966	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1826342	87.647	ng	0.00
79) Terphenyl-d14	13.189	244	1650589	97.387	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.601	77	71	Below Cal	#	42
19) n-Nitroso-di-n-propyla...	7.613	70	125857	16.726	ng	# 78
25) Isophorone	7.613	82	997362	44.550	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	42406	8.436	ng	# 24
57) 2,4-Dinitrotoluene	10.095	165	42406	6.494	ng	# 23
67) 4-Bromophenyl-phenylether	10.889	248	28016	5.240	ng	# 1
77) Benzydine	13.183	184	25995	2.268	ng	# 92

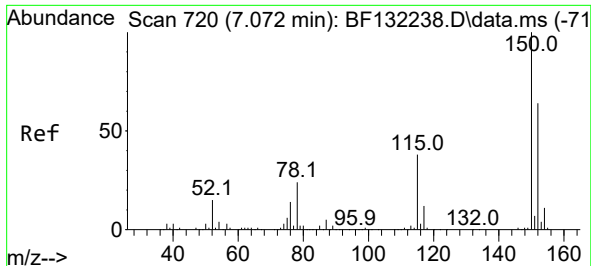
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 09 02:00:31 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

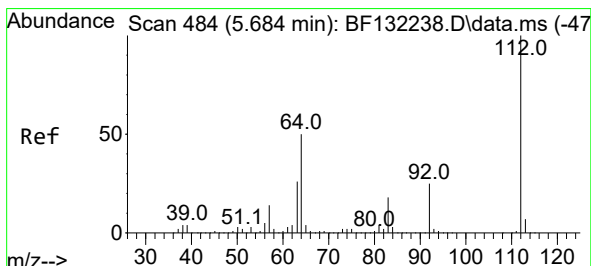
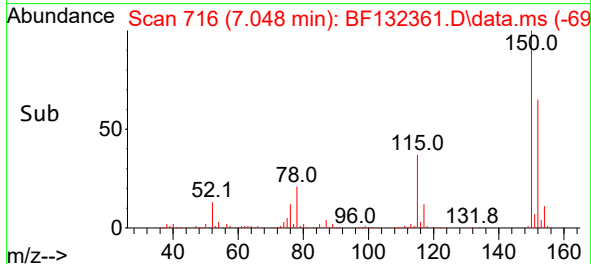
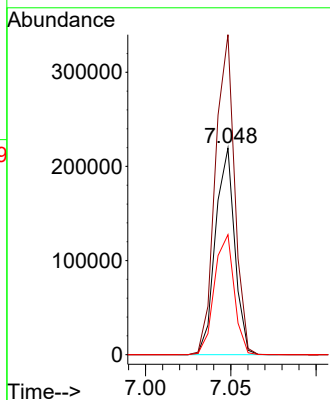
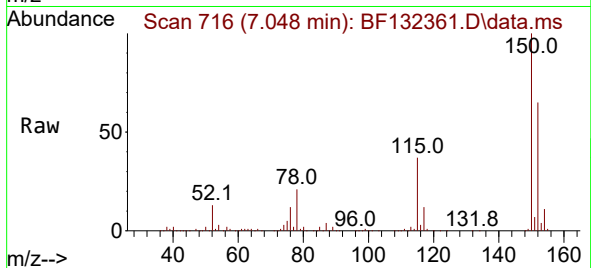




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132361.D
Acq: 08 Feb 2023 17:26

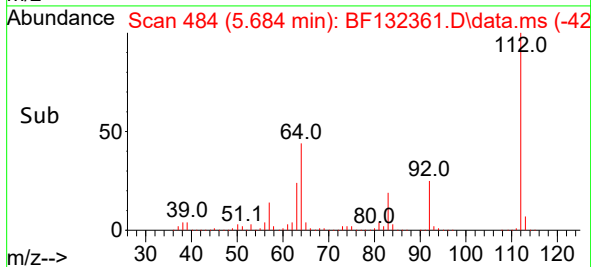
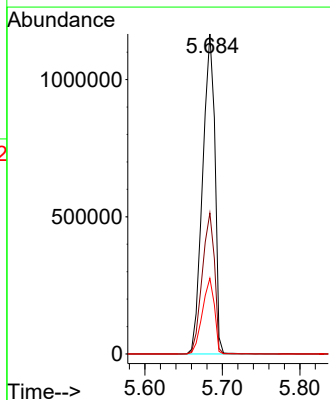
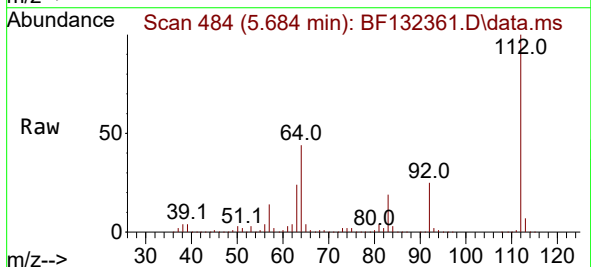
Instrument :
BNA_F
ClientSampleId :
COMP-3

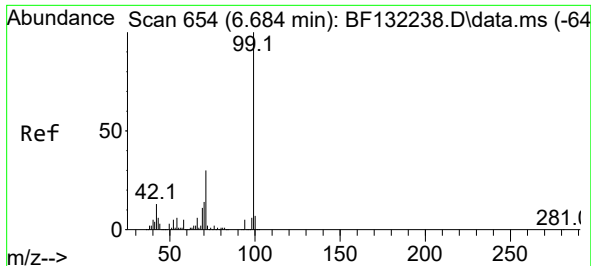
Tgt Ion:152 Resp: 172717
Ion Ratio Lower Upper
152 100
150 154.9 124.2 186.2
115 58.1 47.3 70.9



#5
2-Fluorophenol
Concen: 119.404 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.024 min
Lab File: BF132361.D
Acq: 08 Feb 2023 17:26

Tgt Ion:112 Resp: 1283009
Ion Ratio Lower Upper
112 100
64 44.0 40.0 60.0
63 23.7 20.5 30.7

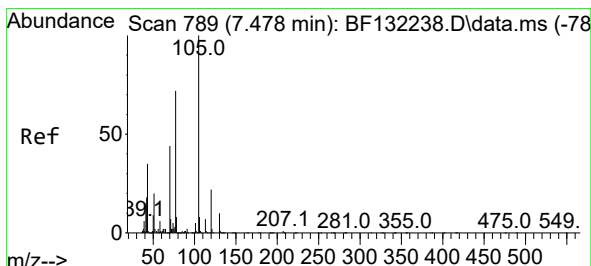
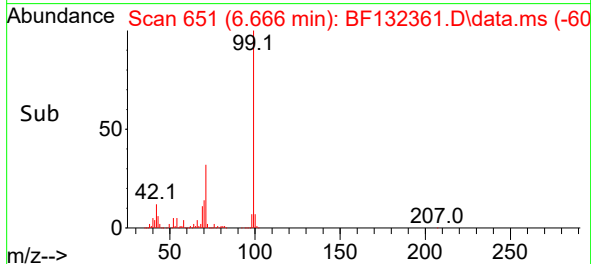
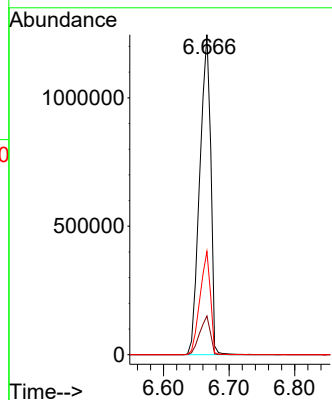
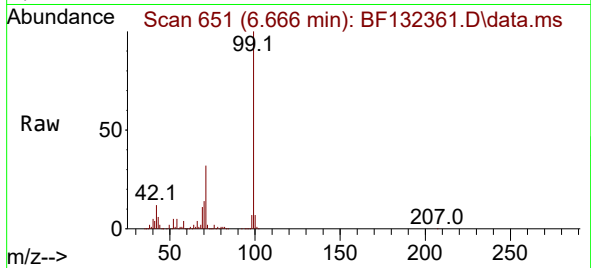




#7
Phenol-d6
Concen: 109.530 ng
RT: 6.666 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132361.D
Acq: 08 Feb 2023 17:26

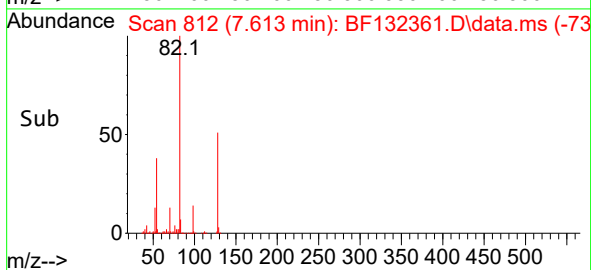
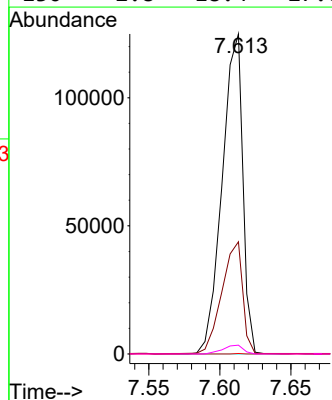
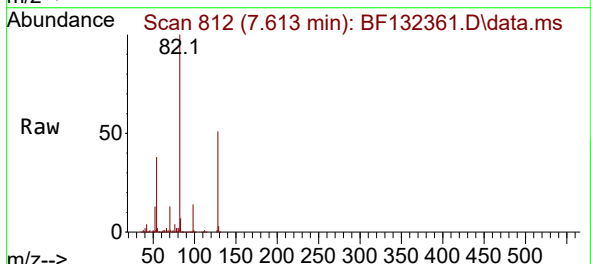
Instrument :
BNA_F
ClientSampleId :
COMP-3

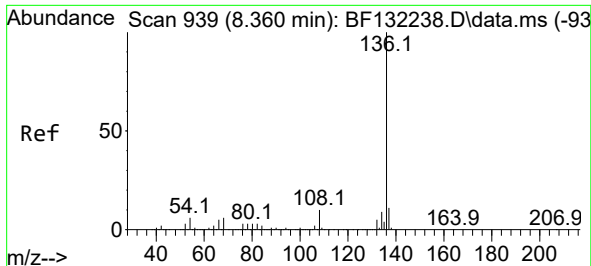
Tgt Ion: 99 Resp: 1450971
Ion Ratio Lower Upper
99 100
42 12.1 10.1 15.1
71 32.3 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.726 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.153 min
Lab File: BF132361.D
Acq: 08 Feb 2023 17:26

Tgt Ion: 70 Resp: 125857
Ion Ratio Lower Upper
70 100
42 35.0 33.4 50.0
101 0.1 8.2 12.4#
130 2.8 18.4 27.6#



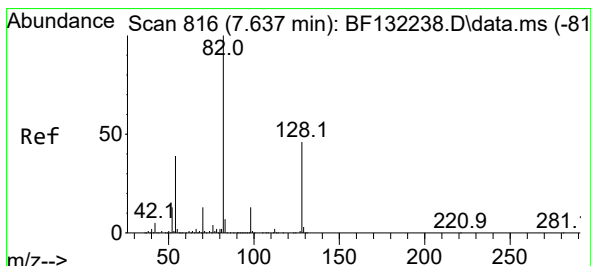
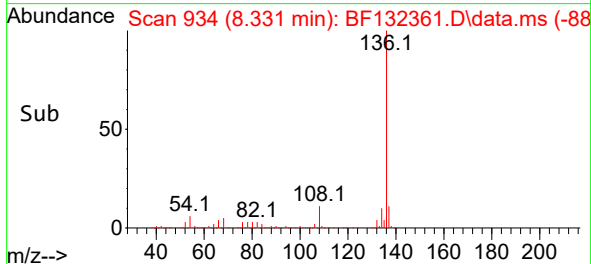
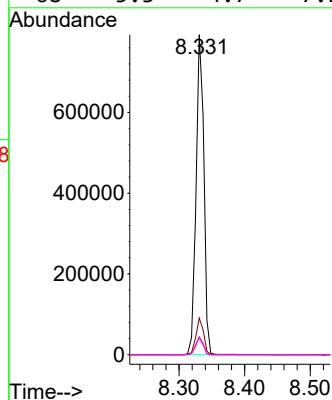
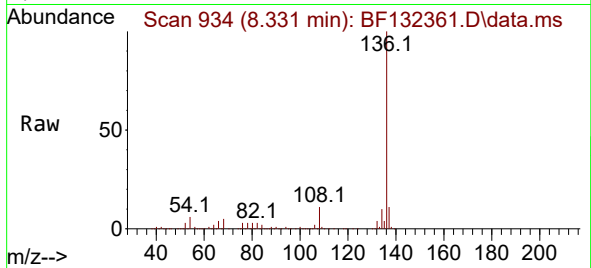


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132361.D
Acq: 08 Feb 2023 17:26

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:136 Resp: 656371

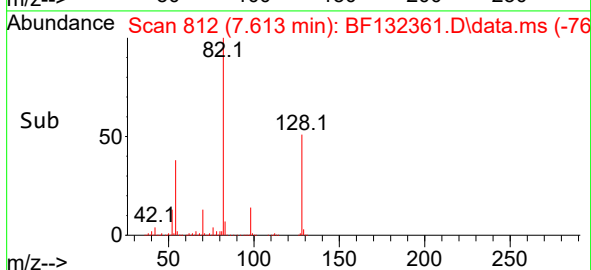
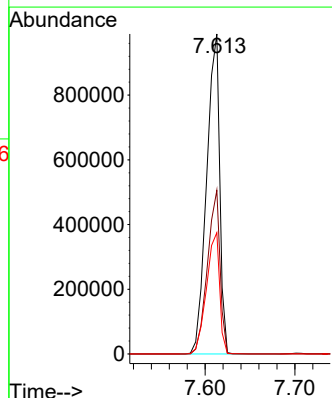
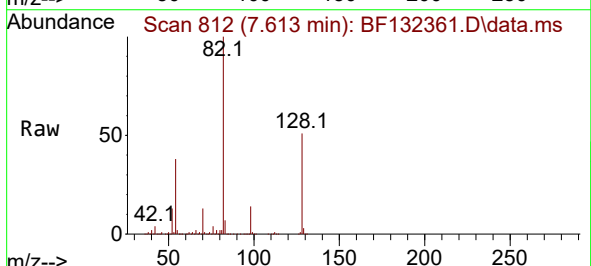
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	5.6	4.9	7.3
68	5.3	4.7	7.1

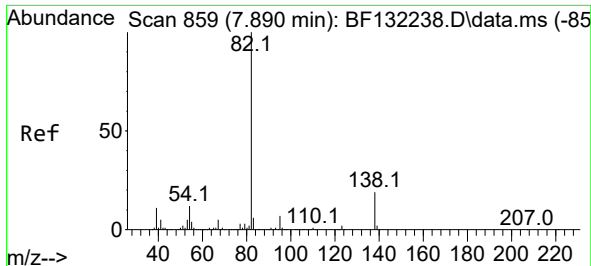


#23
Nitrobenzene-d5
Concen: 84.557 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF132361.D
Acq: 08 Feb 2023 17:26

Tgt Ion: 82 Resp: 997371

Ion	Ratio	Lower	Upper
82	100		
128	51.2	37.0	55.4
54	37.9	31.5	47.3

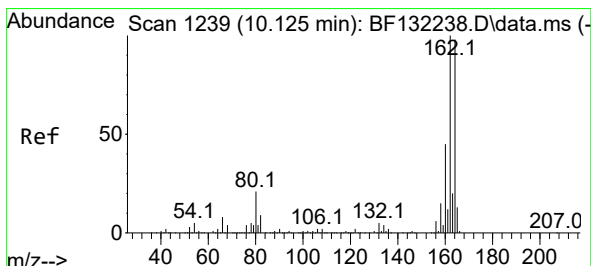
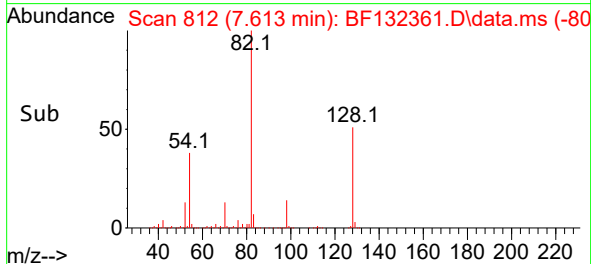
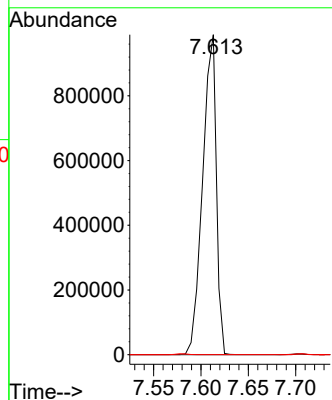
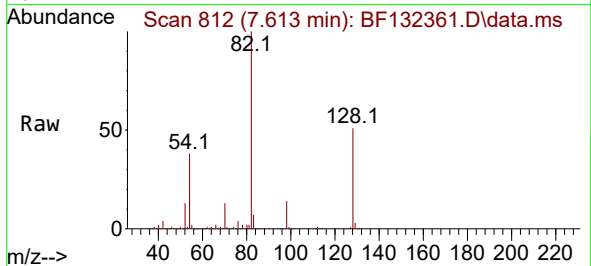




#25
Isophorone
Concen: 44.550 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132361.D
Acq: 08 Feb 2023 17:26

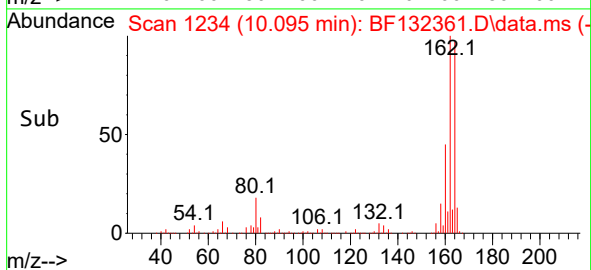
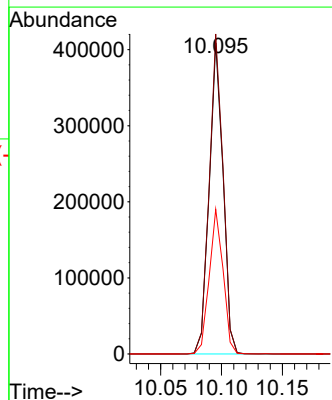
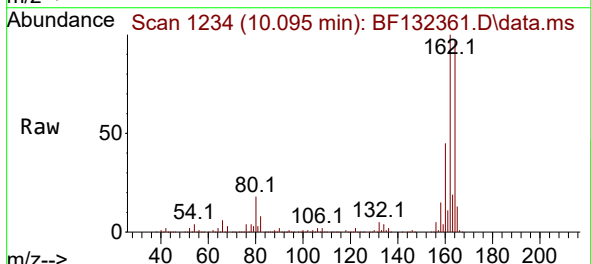
Instrument :
BNA_F
ClientSampleId :
COMP-3

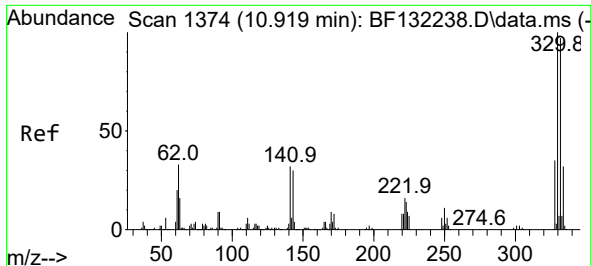
Tgt Ion: 82 Resp: 997362
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132361.D
Acq: 08 Feb 2023 17:26

Tgt Ion: 164 Resp: 321784
Ion Ratio Lower Upper
164 100
162 102.9 82.0 123.0
160 46.5 37.1 55.7

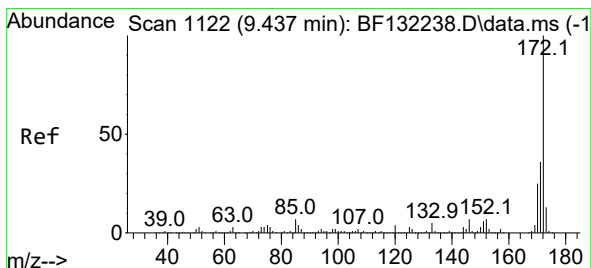
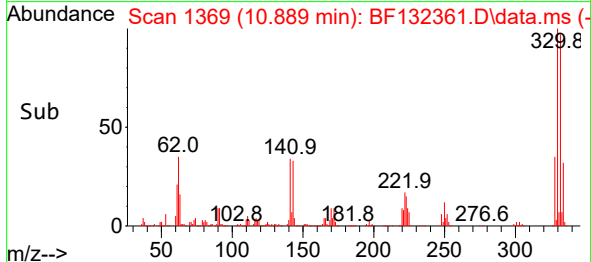
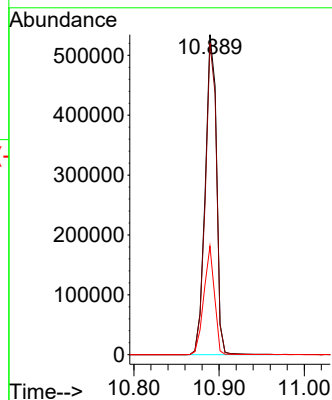
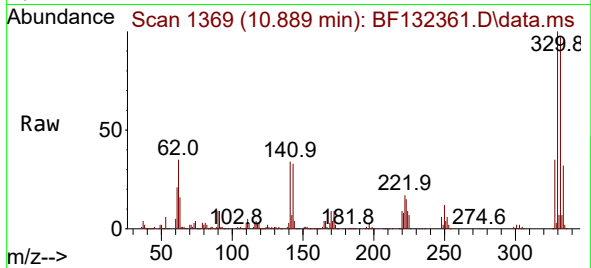




#42
2,4,6-Tribromophenol
Concen: 147.966 ng
RT: 10.889 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132361.D
Acq: 08 Feb 2023 17:26

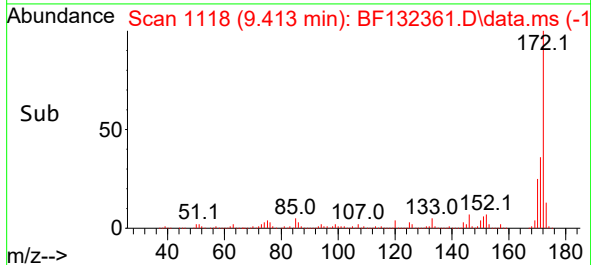
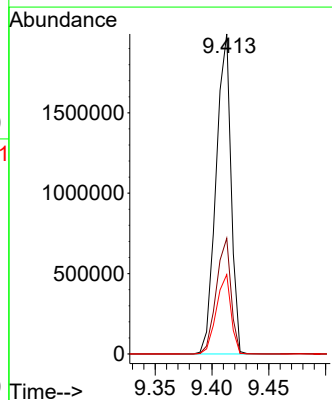
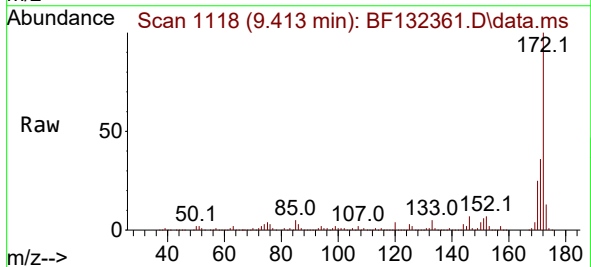
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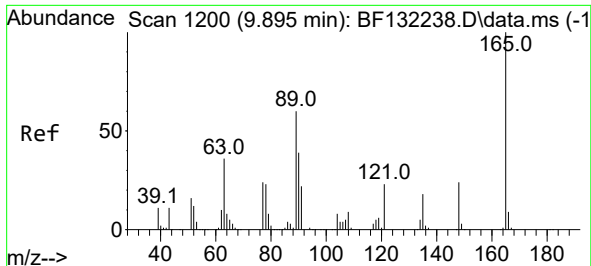
Tgt Ion:330 Resp: 489634
Ion Ratio Lower Upper
330 100
332 96.8 77.9 116.9
141 32.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 87.647 ng
RT: 9.413 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF132361.D
Acq: 08 Feb 2023 17:26

Tgt Ion:172 Resp: 1826342
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.8 19.7 29.5

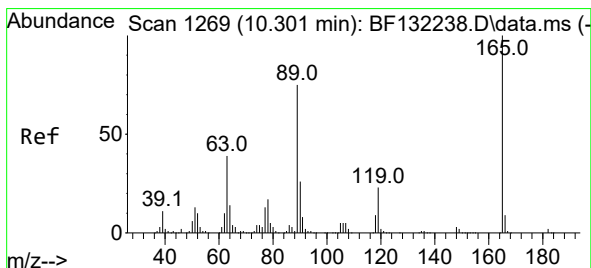
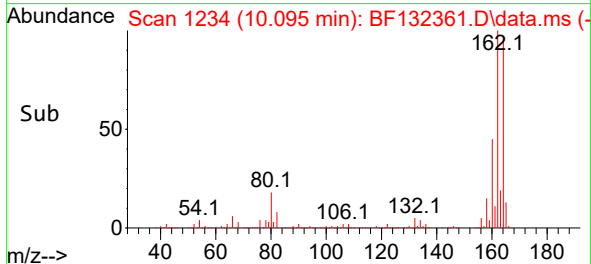
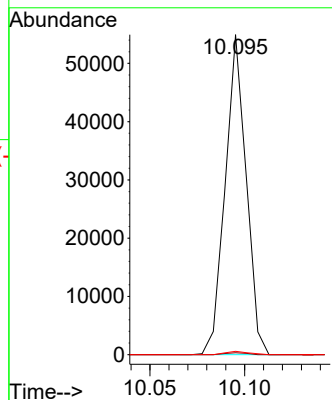
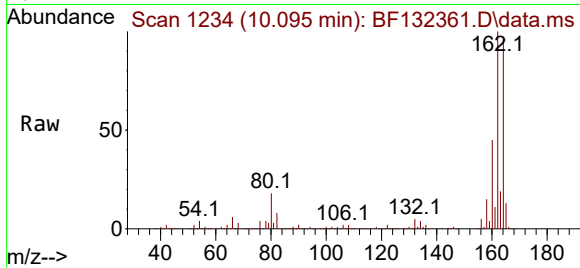




#51
2,6-Dinitrotoluene
Concen: 8.436 ng
RT: 10.095 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132361.D
Acq: 08 Feb 2023 17:26

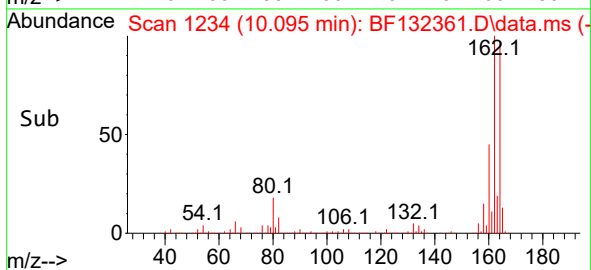
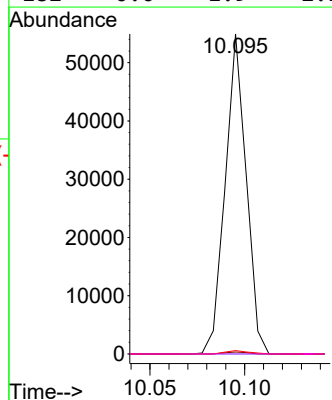
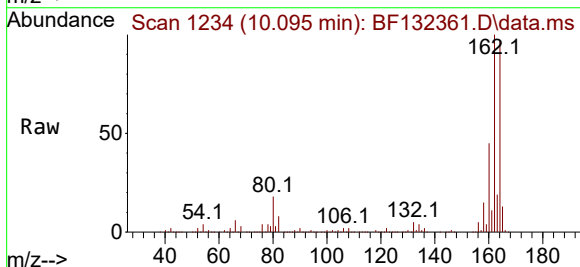
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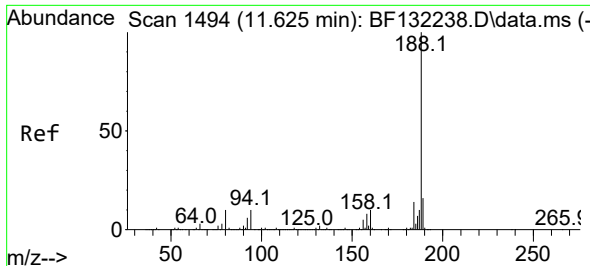
Tgt Ion:165 Resp: 42406
Ion Ratio Lower Upper
165 100
63 0.6 41.5 62.3#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.494 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.188 min
Lab File: BF132361.D
Acq: 08 Feb 2023 17:26

Tgt Ion:165 Resp: 42406
Ion Ratio Lower Upper
165 100
63 0.6 30.9 46.3#
89 1.1 60.1 90.1#
182 0.0 1.9 2.9#

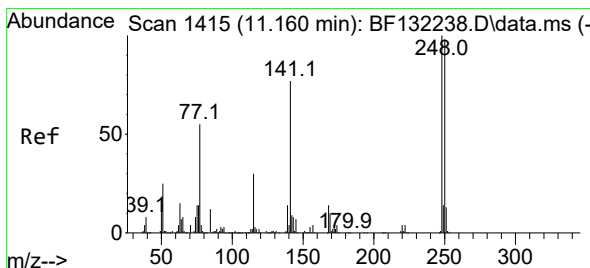
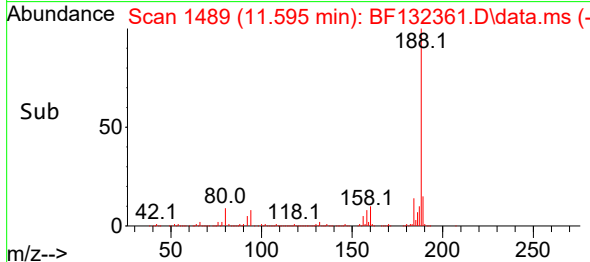
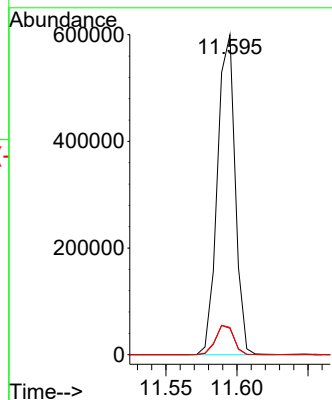
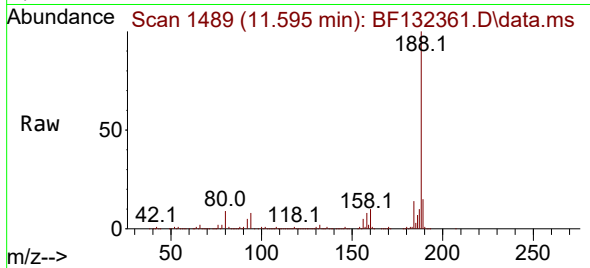




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF132361.D
Acq: 08 Feb 2023 17:26

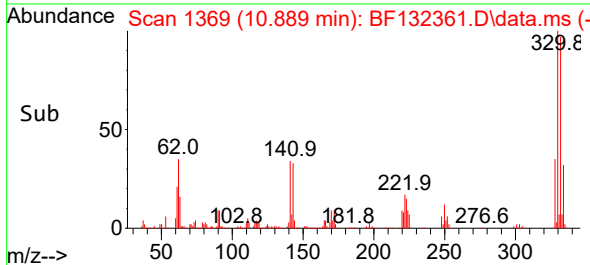
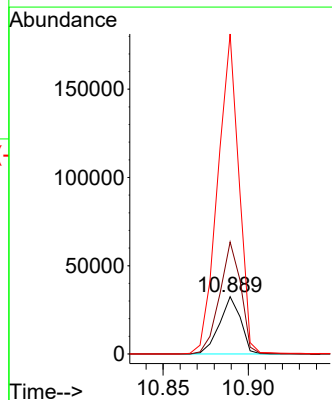
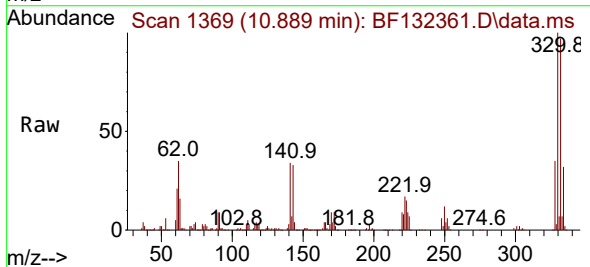
Instrument :
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ClientSampleId :
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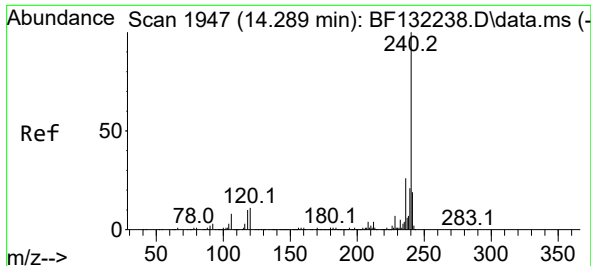
Tgt Ion:188 Resp: 522095
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.2
80 8.5 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 5.240 ng
RT: 10.889 min Scan# 1369
Delta R.T. -0.241 min
Lab File: BF132361.D
Acq: 08 Feb 2023 17:26

Tgt Ion:248 Resp: 28016
Ion Ratio Lower Upper
248 100
250 195.8 78.6 117.8#
141 558.9 61.6 92.4#

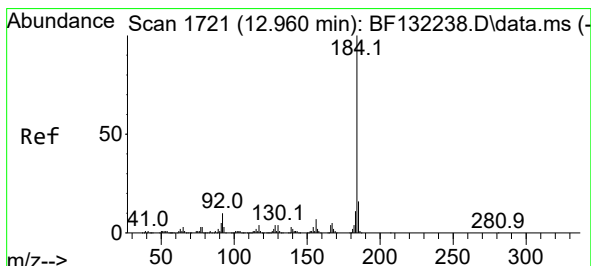
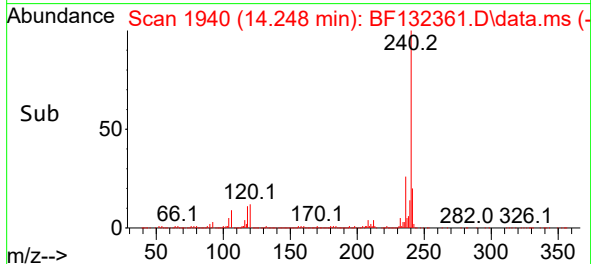
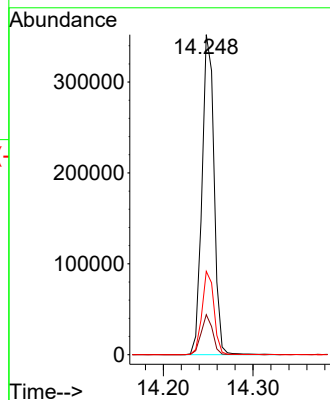
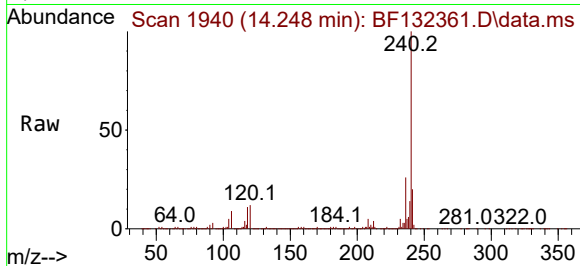




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132361.D
Acq: 08 Feb 2023 17:26

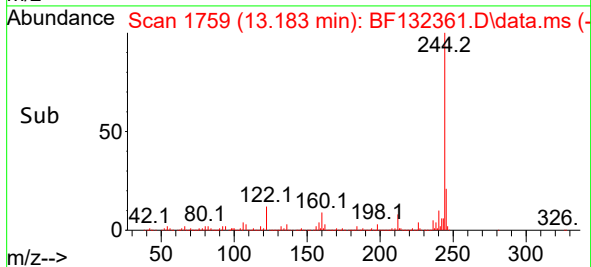
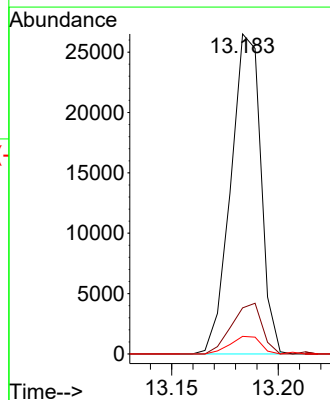
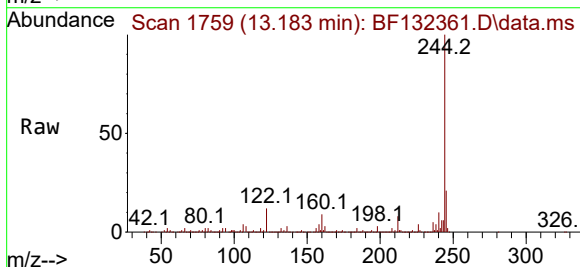
Instrument :
BNA_F
ClientSampleId :
COMP-3

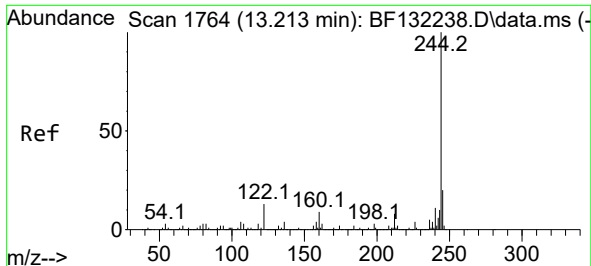
Tgt Ion:240 Resp: 327857
Ion Ratio Lower Upper
240 100
120 12.5 8.8 13.2
236 26.0 21.0 31.6



#77
Benzidine
Concen: 2.268 ng
RT: 13.183 min Scan# 1759
Delta R.T. 0.253 min
Lab File: BF132361.D
Acq: 08 Feb 2023 17:26

Tgt Ion:184 Resp: 25995
Ion Ratio Lower Upper
184 100
185 14.4 12.6 18.8
183 5.5 8.9 13.3#

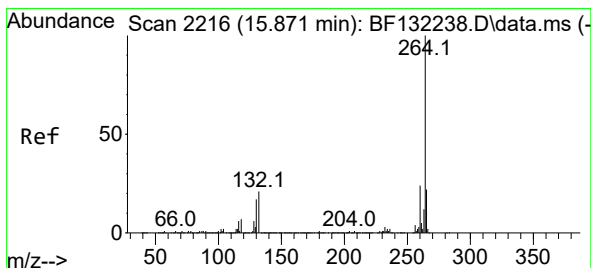
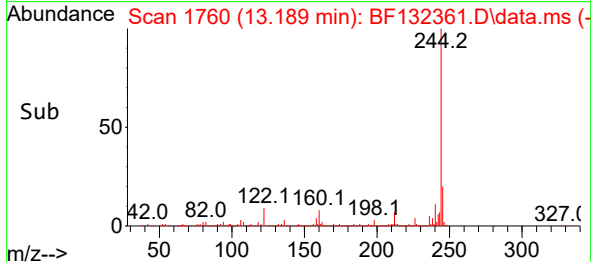
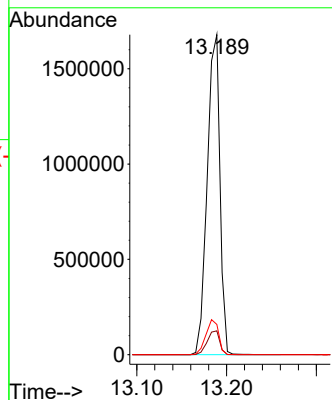
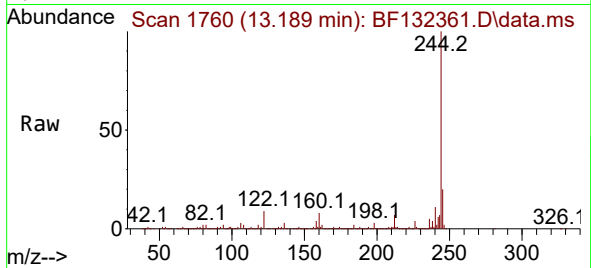




#79
 Terphenyl-d14
 Concen: 97.387 ng
 RT: 13.189 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132361.D
 Acq: 08 Feb 2023 17:26

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Tgt Ion:244 Resp: 1650589
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 9.5 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.824 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: BF132361.D
 Acq: 08 Feb 2023 17:26

Tgt Ion:264 Resp: 278932
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 21.0 17.4 26.2

