

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132213.D
 Acq On : 30 Jan 2023 16:14
 Operator : CG\JU
 Sample : PB150541BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150541BL

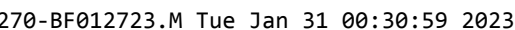
Quant Time: Jan 31 00:30:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

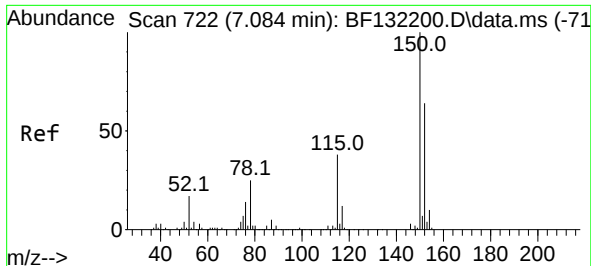
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	254035	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	936374	20.000	ng	0.00
39) Acenaphthene-d10	10.131	164	496549	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	935199	20.000	ng	0.00
76) Chrysene-d12	14.289	240	548313	20.000	ng	0.00
86) Perylene-d12	15.877	264	420131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1877586	122.973	ng	0.02
7) Phenol-d6	6.696	99	2348507	122.674	ng	0.00
23) Nitrobenzene-d5	7.648	82	1500292	83.881	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	620045	134.852	ng	0.00
45) 2-Fluorobiphenyl	9.448	172	2525259	74.832	ng	0.00
79) Terphenyl-d14	13.224	244	2975171	85.250	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.648	70	192230	16.683	ng	# 77
25) Isophorone	7.648	82	1500272	43.616	ng	# 67
32) Benzoic acid	8.019	122	79	7.305	ng	# 26
51) 2,6-Dinitrotoluene	10.131	165	65658	9.171	ng	# 22
57) 2,4-Dinitrotoluene	10.131	165	65658	7.450	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.925	198	1590	5.613	ng	# 1
67) 4-Bromophenyl-phenylether	10.925	248	42392	3.937	ng	# 1
77) Benzidine	13.224	184	46077	3.219	ng	# 93
85) Di-n-octyl phthalate	14.924	149	53	5.258	ng	# 1

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

Quant Time: Jan 31 00:30:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 28 02:25:45 2023
Response via : Initial Calibration

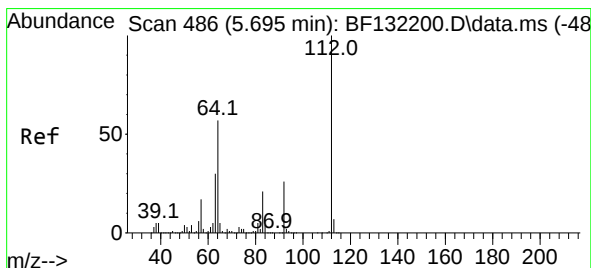
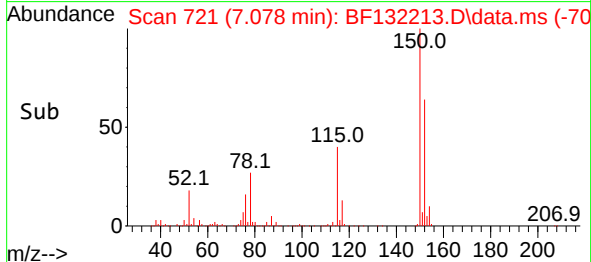
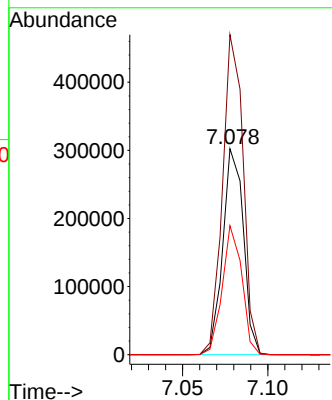
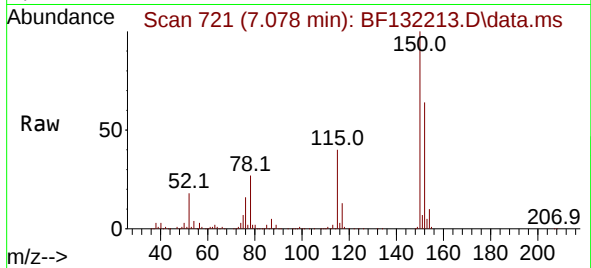




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.078 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132213.D
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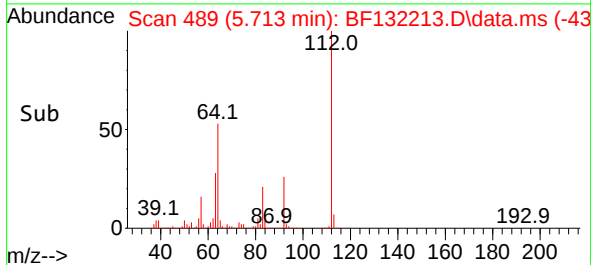
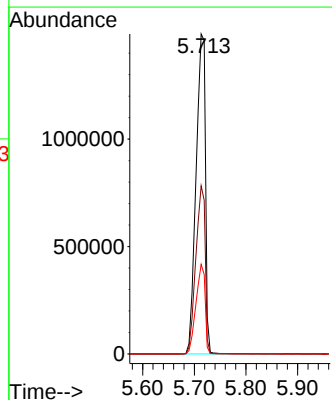
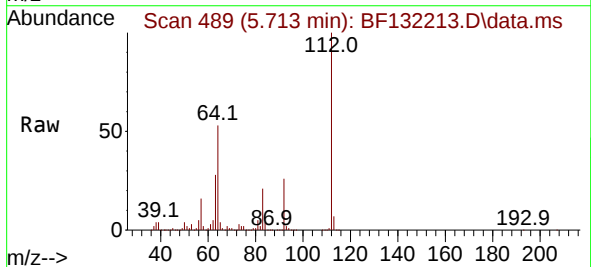
Instrument :
 BNA_F
 ClientSampleId :
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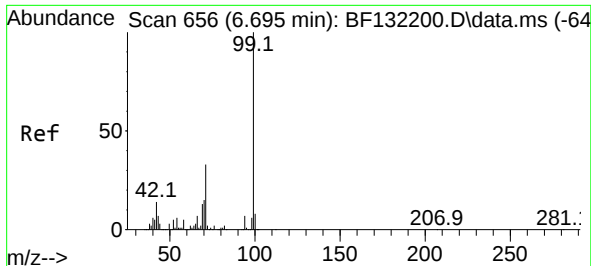
Tgt Ion:152 Resp: 254035
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.5 186.7
 115 62.6 47.0 70.6



#5
 2-Fluorophenol
 Concen: 122.973 ng
 RT: 5.713 min Scan# 489
 Delta R.T. 0.018 min
 Lab File: BF132213.D
 Acq: 30 Jan 2023 16:14

Tgt Ion:112 Resp: 1877586
 Ion Ratio Lower Upper
 112 100
 64 52.5 45.5 68.3
 63 28.0 23.7 35.5

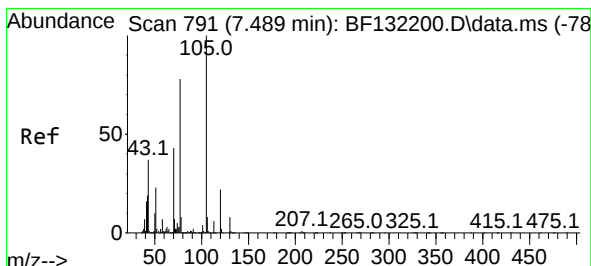
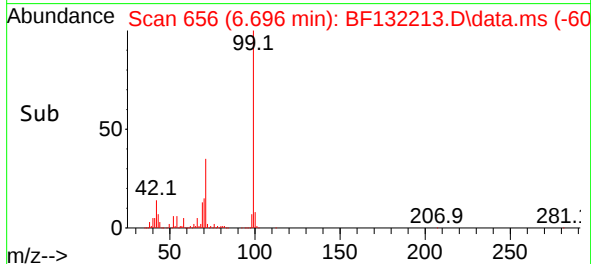
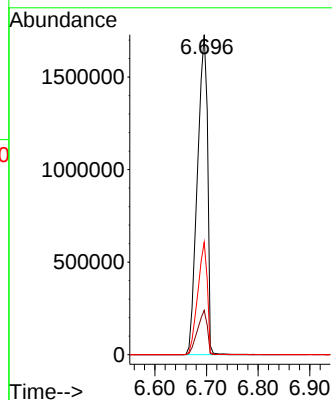
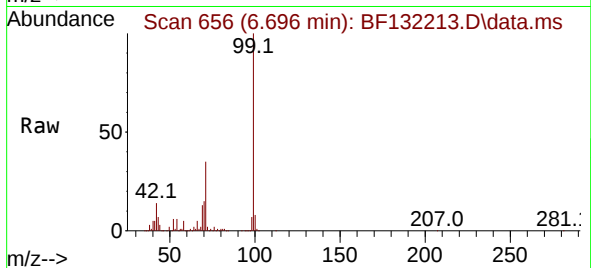




#7
Phenol-d6
Concen: 122.674 ng
RT: 6.696 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

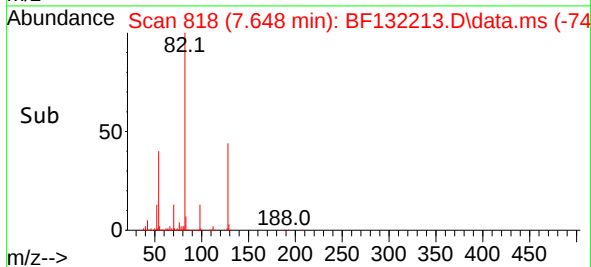
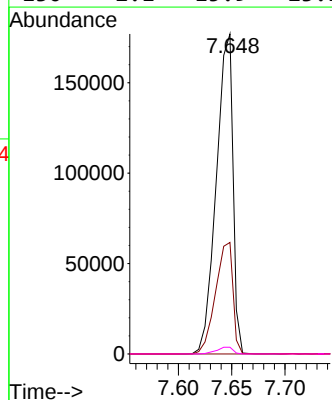
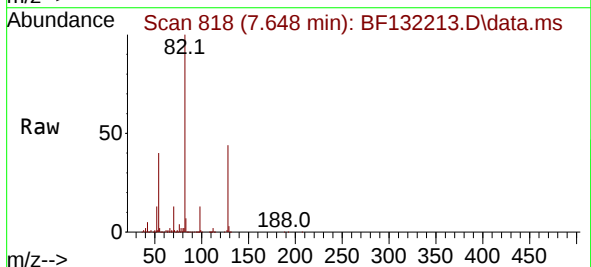
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ClientSampleId :
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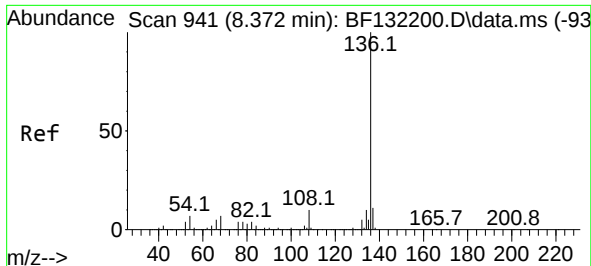
Tgt Ion: 99 Resp: 2348507
Ion Ratio Lower Upper
99 100
42 13.9 11.3 16.9
71 35.1 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.683 ng
RT: 7.648 min Scan# 818
Delta R.T. 0.159 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

Tgt Ion: 70 Resp: 192230
Ion Ratio Lower Upper
70 100
42 34.9 36.2 54.4#
101 0.0 7.9 11.9#
130 2.1 15.9 23.9#



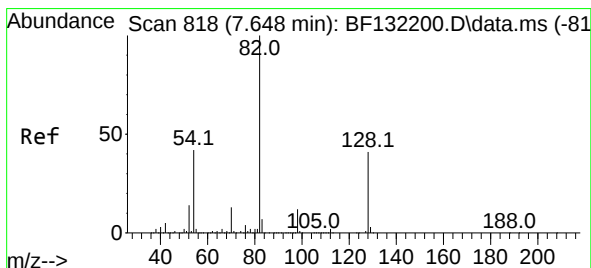
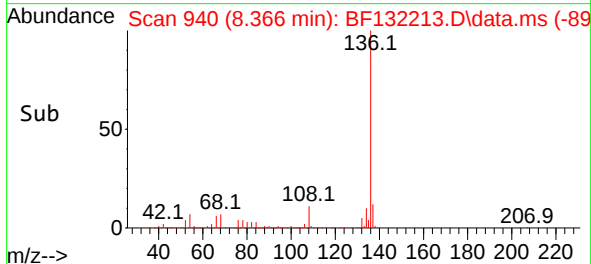
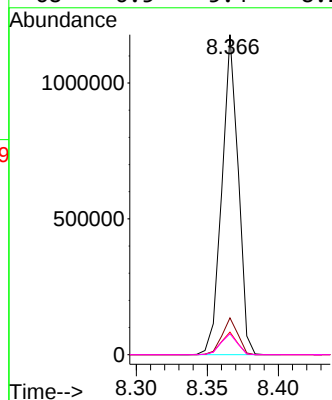
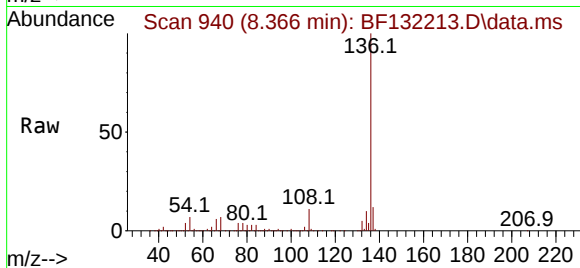


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

Instrument :
BNA_F
ClientSampleId :
PB150541BL

Tgt Ion:136 Resp: 936374

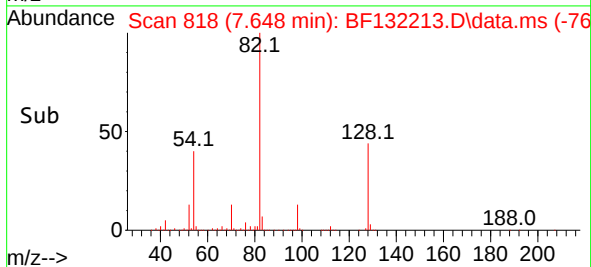
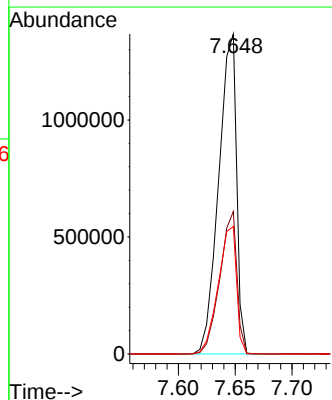
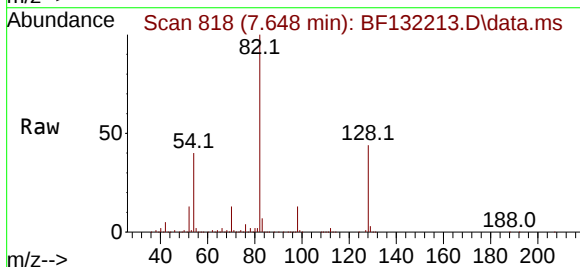
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	7.1	5.4	8.2
68	6.5	5.4	8.2

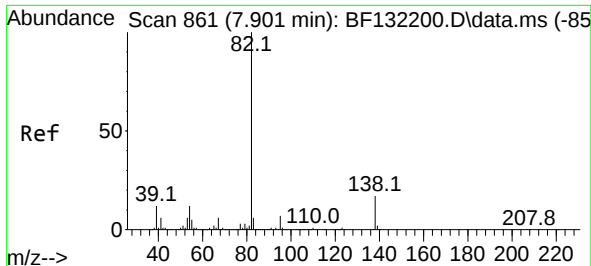


#23
Nitrobenzene-d5
Concen: 83.881 ng
RT: 7.648 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

Tgt Ion: 82 Resp: 1500292

Ion	Ratio	Lower	Upper
82	100		
128	44.5	32.7	49.1
54	39.8	33.3	49.9

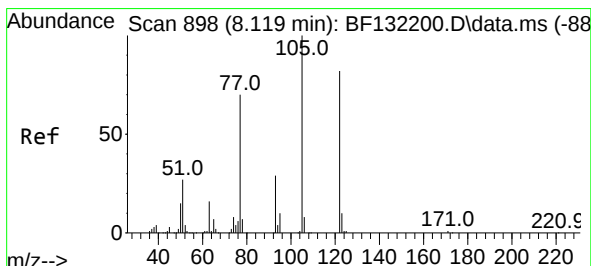
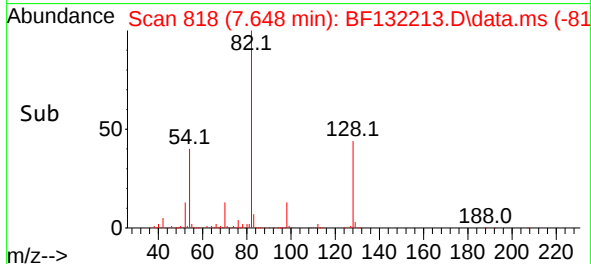
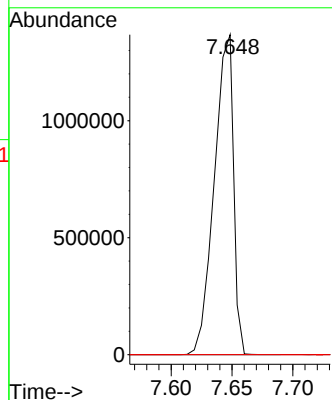
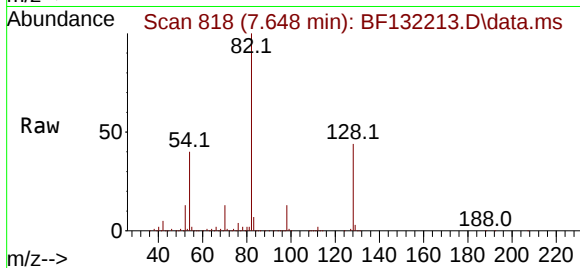




#25
Isophorone
Concen: 43.616 ng
RT: 7.648 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

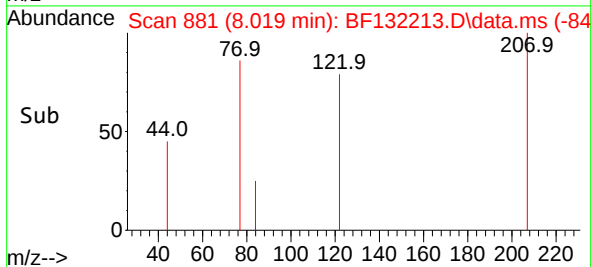
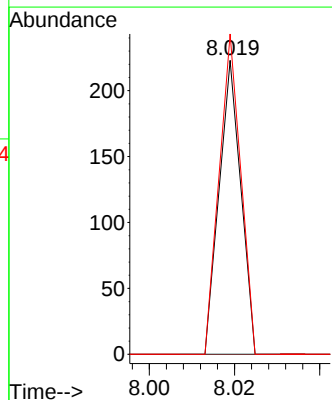
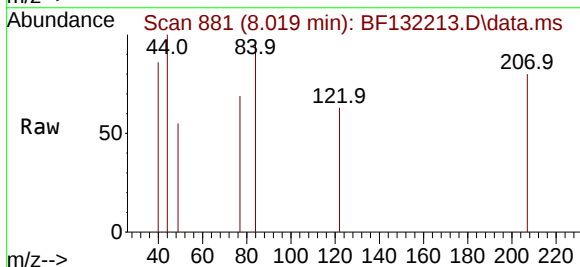
Instrument :
BNA_F
ClientSampleId :
PB150541BL

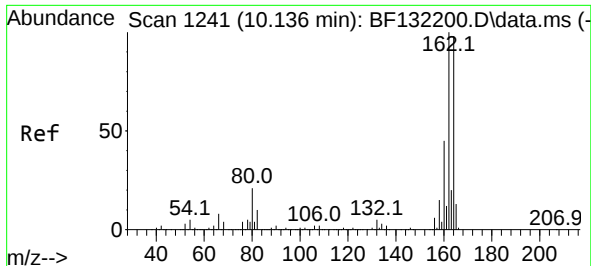
Tgt Ion: 82 Resp: 1500272
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.305 ng
RT: 8.019 min Scan# 881
Delta R.T. -0.100 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

Tgt Ion:122 Resp: 79
Ion Ratio Lower Upper
122 100
105 0.0 101.5 141.5#
77 109.0 66.5 106.5#

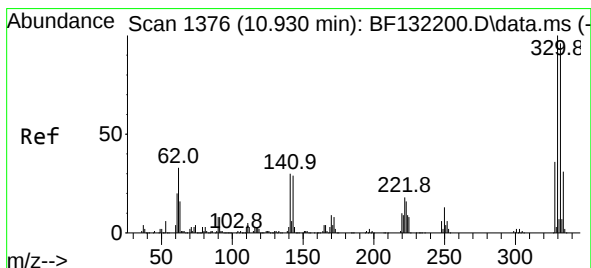
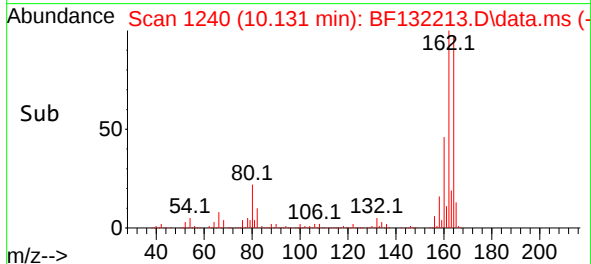
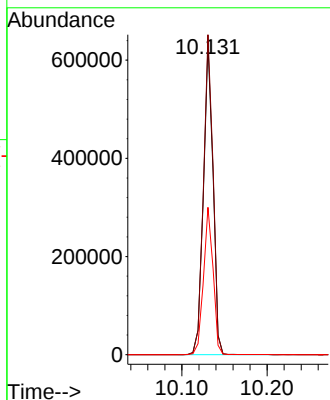
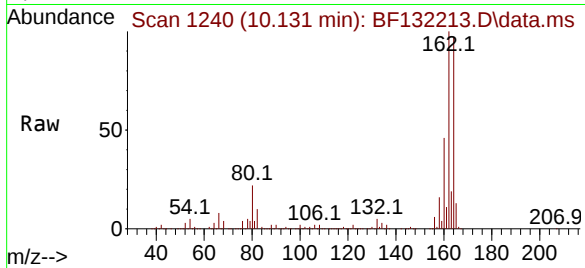




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.131 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

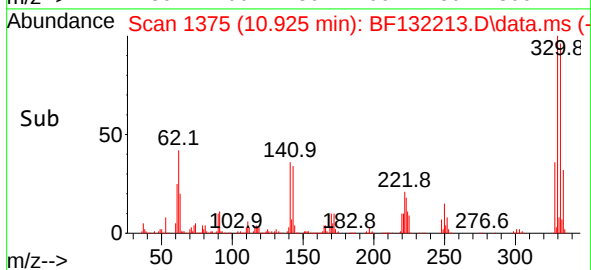
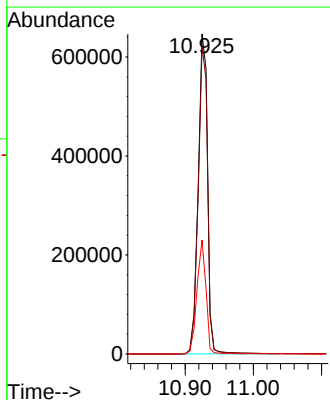
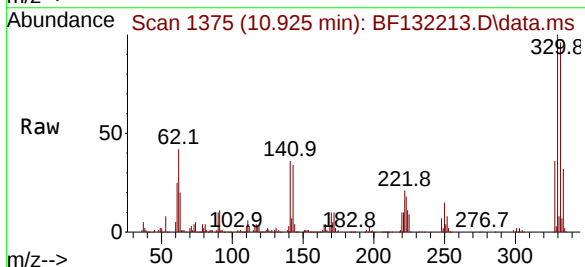
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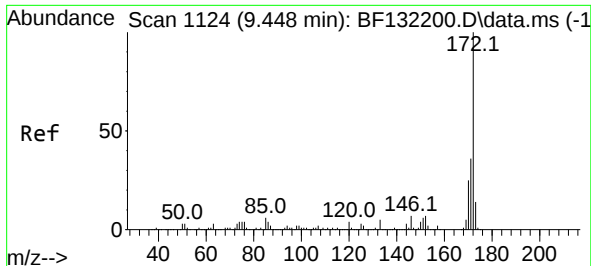
Tgt Ion:164 Resp: 496549
Ion Ratio Lower Upper
164 100
162 102.9 81.5 122.3
160 47.4 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 134.852 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

Tgt Ion:330 Resp: 620045
Ion Ratio Lower Upper
330 100
332 96.4 75.7 113.5
141 34.2 30.7 46.1

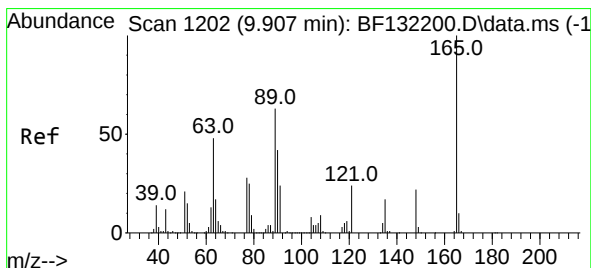
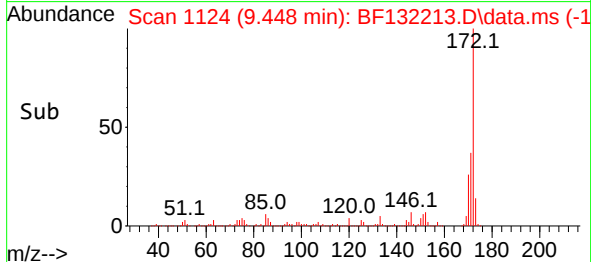
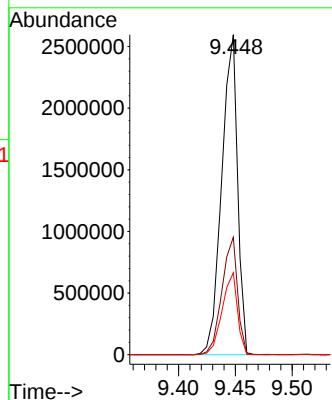
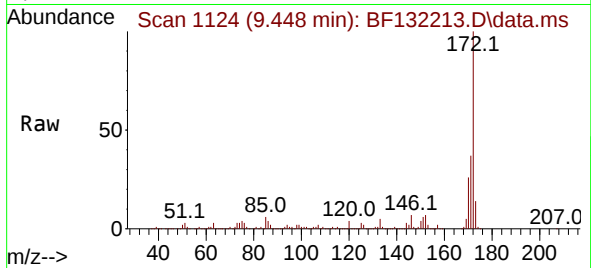




#45
2-Fluorobiphenyl
Concen: 74.832 ng
RT: 9.448 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

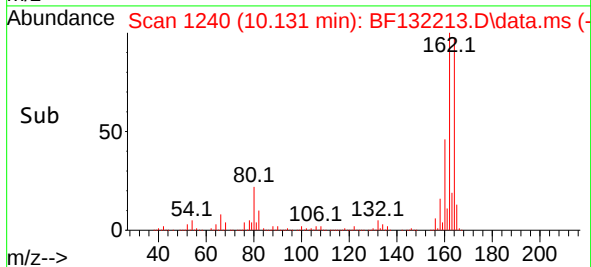
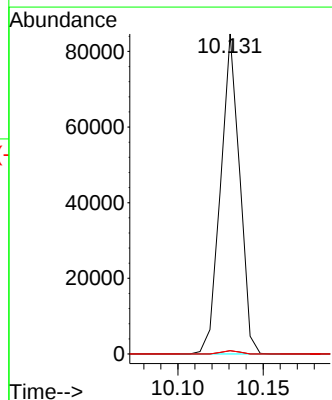
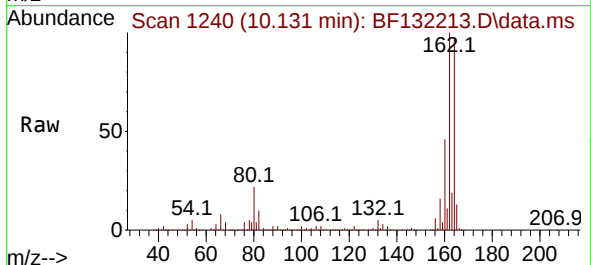
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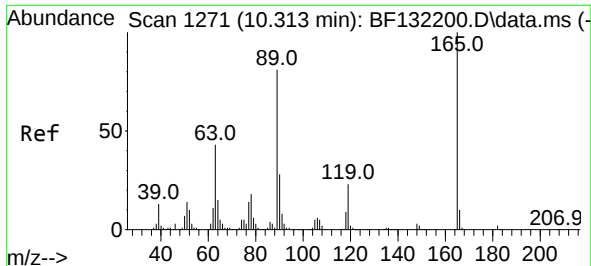
Tgt Ion:172 Resp: 2525259
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 25.6 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 9.171 ng
RT: 10.131 min Scan# 1240
Delta R.T. 0.224 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

Tgt Ion:165 Resp: 65658
Ion Ratio Lower Upper
165 100
63 1.0 46.1 69.1#
89 1.1 50.3 75.5#

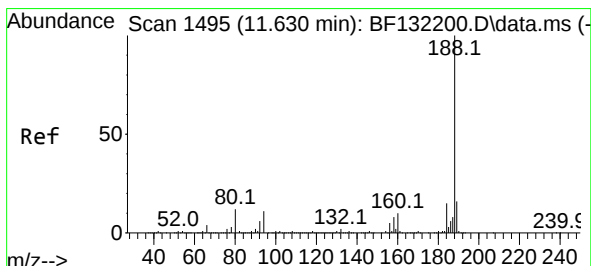
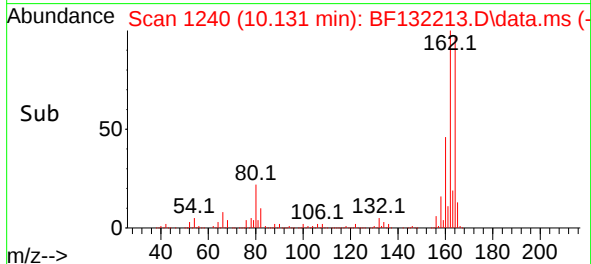
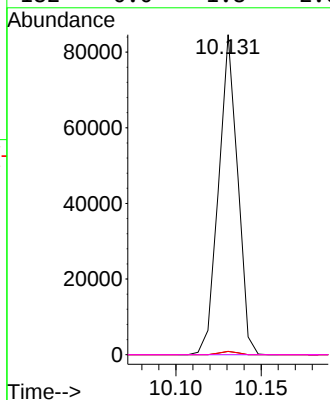
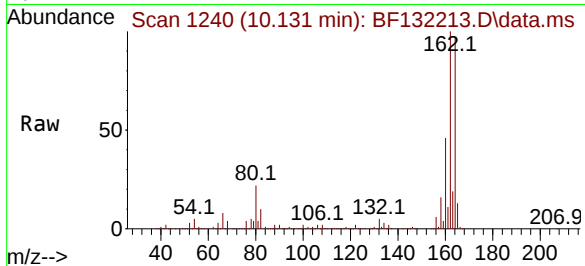




#57
2,4-Dinitrotoluene
Concen: 7.450 ng
RT: 10.131 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

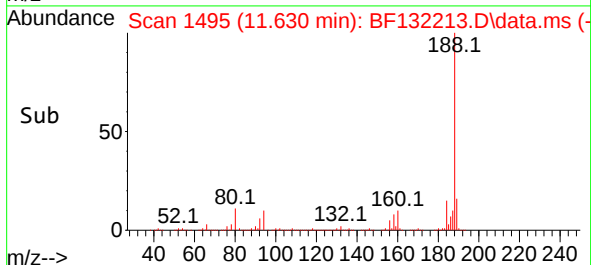
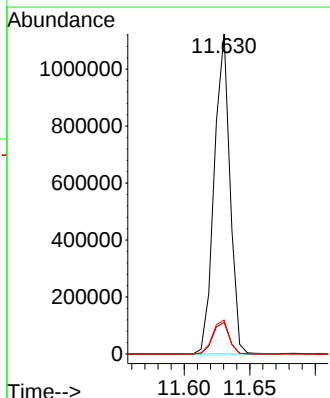
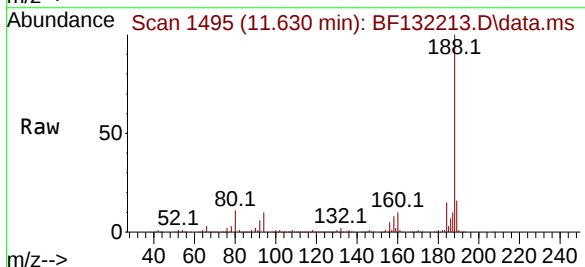
Instrument :
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ClientSampleId :
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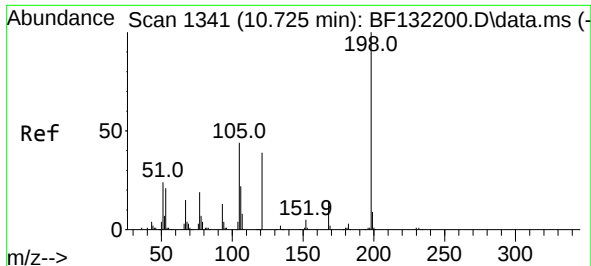
Tgt Ion:165 Resp: 65658
Ion Ratio Lower Upper
165 100
63 1.0 34.2 51.2#
89 1.1 65.1 97.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.630 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

Tgt Ion:188 Resp: 935199
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.6 9.2 13.8

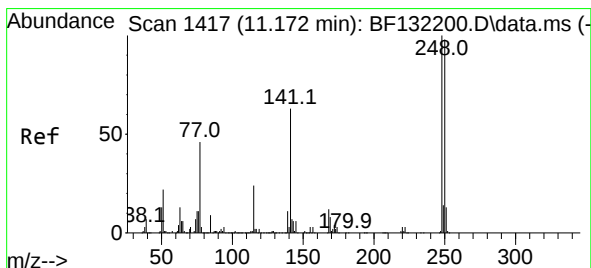
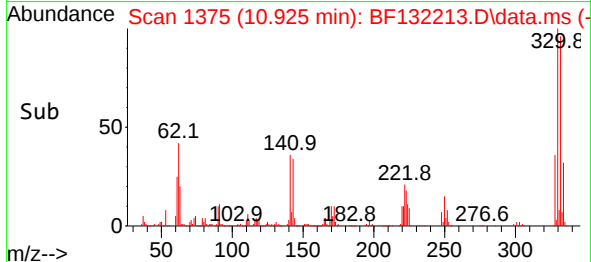
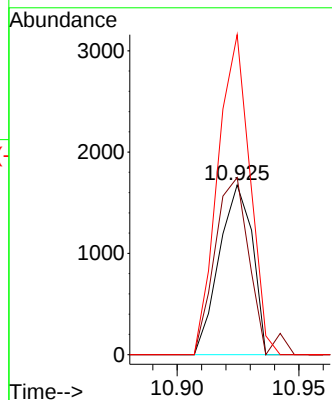
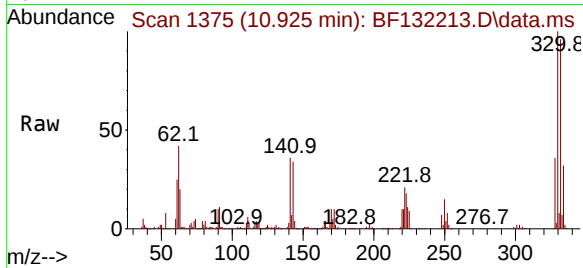




#65
4,6-Dinitro-2-methylphenol
Concen: 5.613 ng
RT: 10.925 min Scan# 1375
Delta R.T. 0.200 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

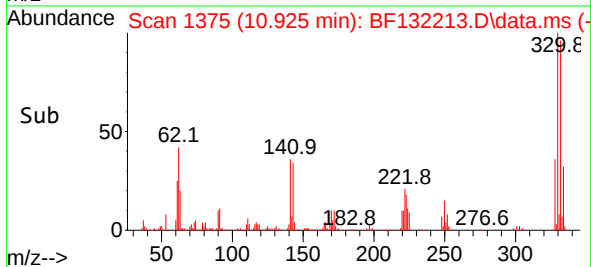
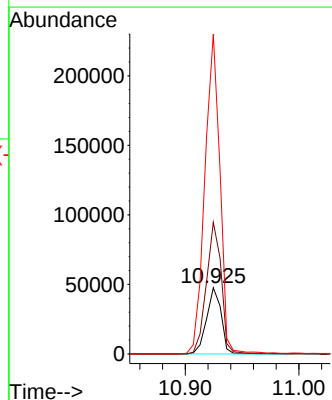
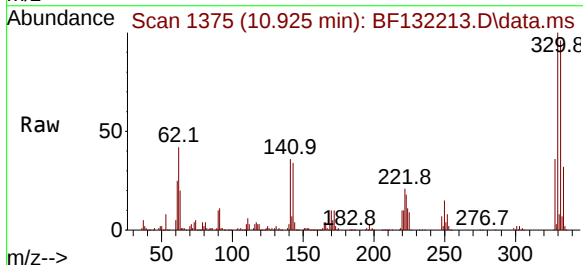
Instrument :
BNA_F
ClientSampleId :
PB150541BL

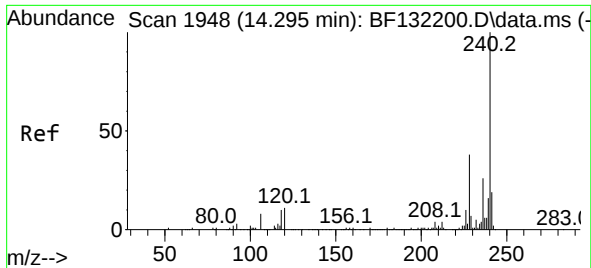
Tgt Ion:198 Resp: 1590
Ion Ratio Lower Upper
198 100
51 104.3 14.9 54.9#
105 188.5 24.2 64.2#



#67
4-Bromophenyl-phenylether
Concen: 3.937 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.247 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

Tgt Ion:248 Resp: 42392
Ion Ratio Lower Upper
248 100
250 198.6 78.5 117.7#
141 482.5 50.2 75.4#

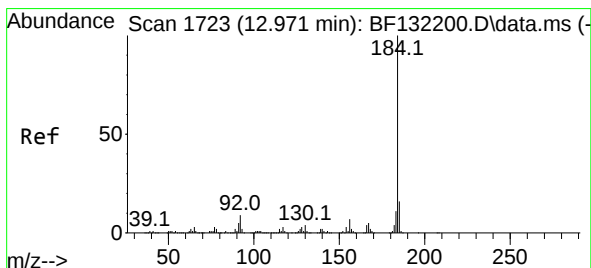
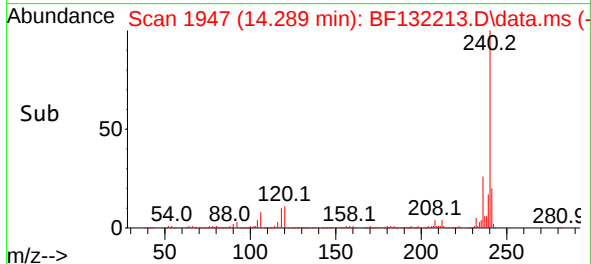
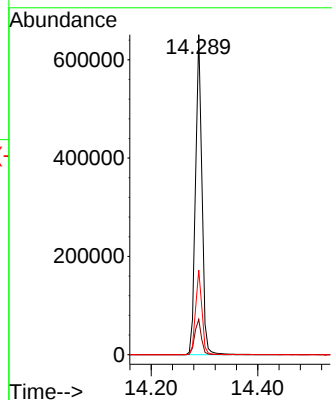
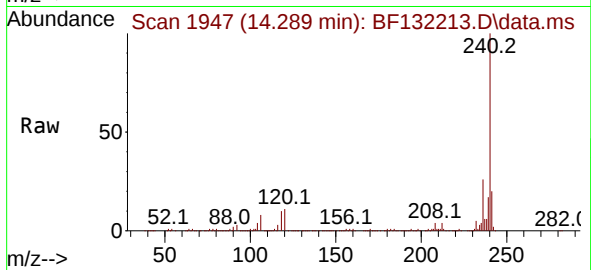




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

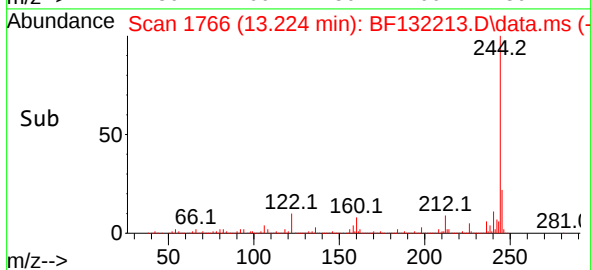
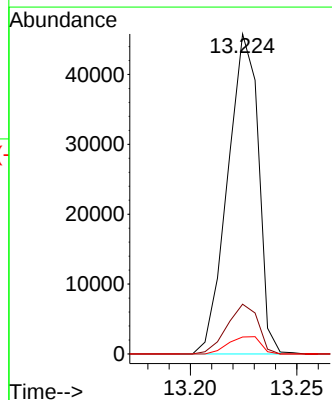
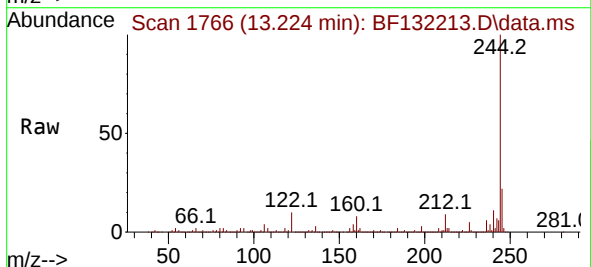
Instrument :
BNA_F
ClientSampleId :
PB150541BL

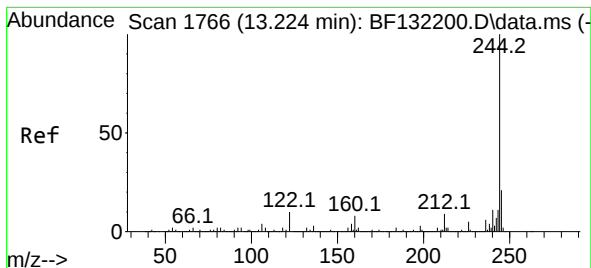
Tgt Ion:240 Resp: 548313
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 26.4 20.8 31.2



#77
Benzidine
Concen: 3.219 ng
RT: 13.224 min Scan# 1766
Delta R.T. 0.253 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

Tgt Ion:184 Resp: 46077
Ion Ratio Lower Upper
184 100
185 15.5 13.2 19.8
183 5.3 8.8 13.2#





#79

Terphenyl-d14

Concen: 85.250 ng

RT: 13.224 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132213.D

Acq: 30 Jan 2023 16:14

Instrument :

BNA_F

ClientSampleId :

PB150541BL

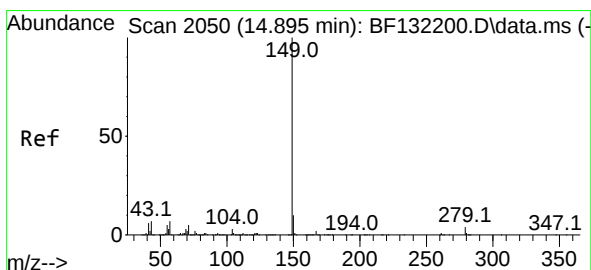
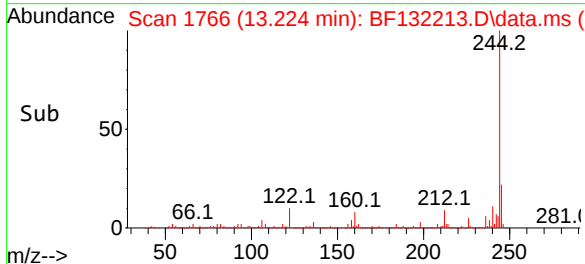
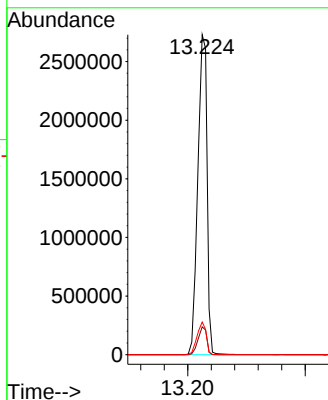
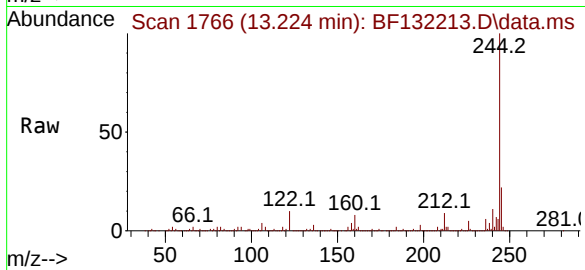
Tgt Ion:244 Resp: 2975171

Ion Ratio Lower Upper

244 100

212 8.7 6.8 10.2

122 10.2 8.3 12.5



#85

Di-n-octyl phthalate

Concen: 5.258 ng

RT: 14.924 min Scan# 2055

Delta R.T. 0.029 min

Lab File: BF132213.D

Acq: 30 Jan 2023 16:14

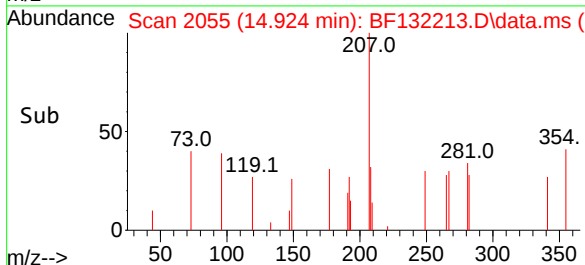
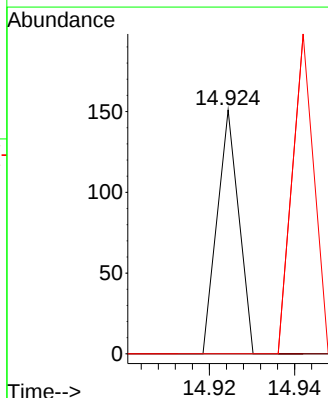
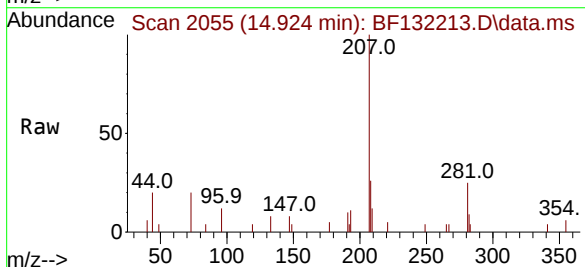
Tgt Ion:149 Resp: 53

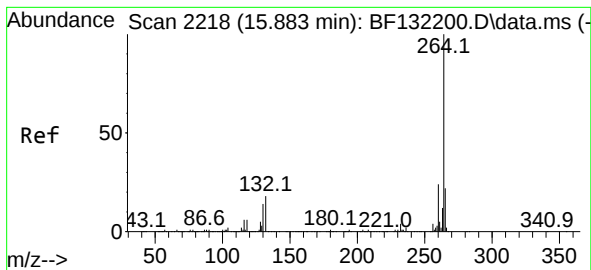
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 132.1 6.6 10.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.877 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132213.D
 Acq: 30 Jan 2023 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB150541BL

Tgt Ion:264 Resp: 420131
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 22.1 17.4 26.2

