

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132214.D
 Acq On : 30 Jan 2023 16:55
 Operator : CG\JU
 Sample : 01318-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RJ-1-012523

Quant Time: Jan 31 00:31:06 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)

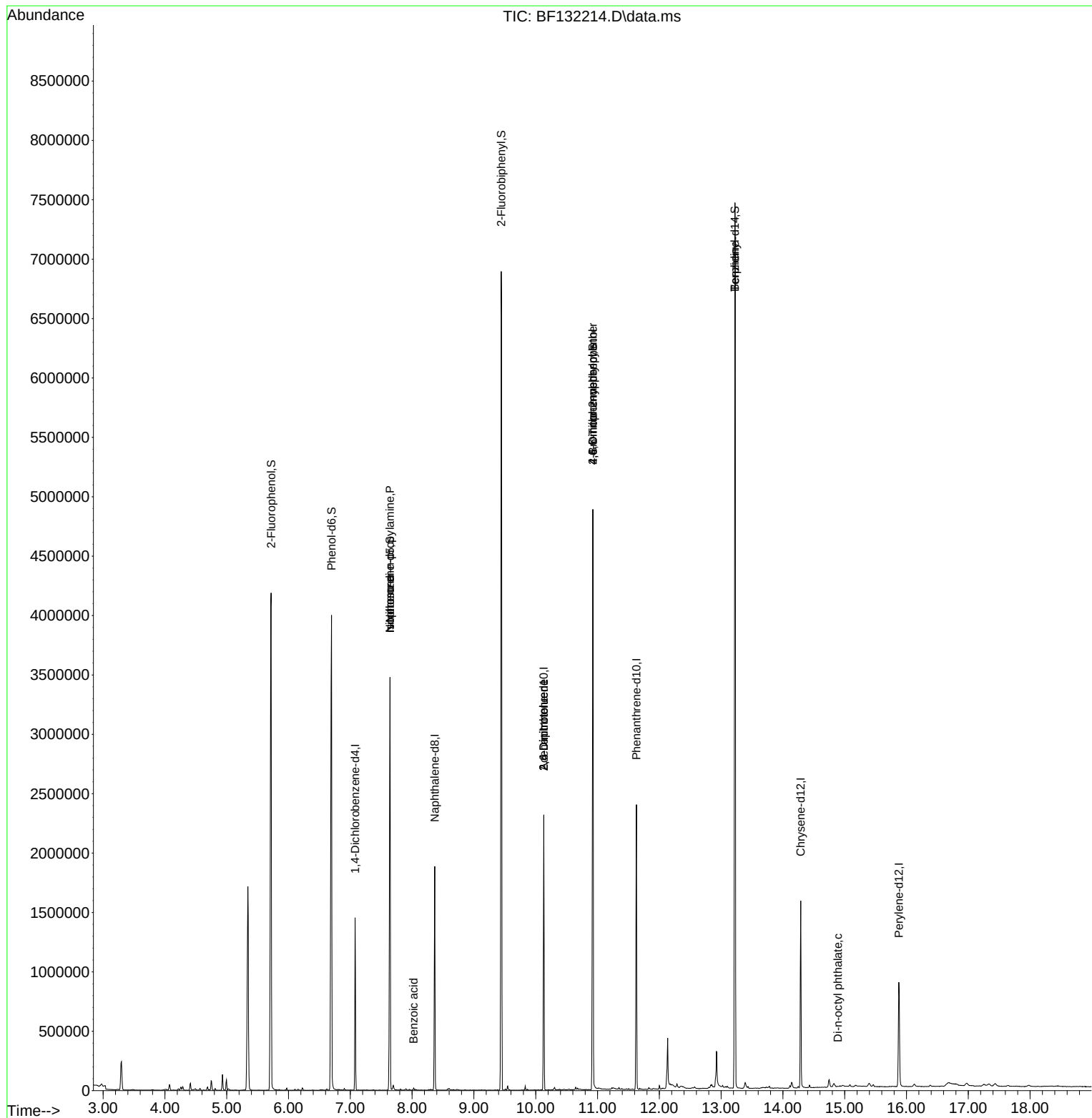
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	206714	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	775399	20.000	ng	0.00
39) Acenaphthene-d10	10.130	164	424778	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	830806	20.000	ng	0.00
76) Chrysene-d12	14.289	240	478761	20.000	ng	0.00
86) Perylene-d12	15.877	264	420609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	1528481	123.026	ng	0.02
7) Phenol-d6	6.695	99	1783510	114.488	ng	0.00
23) Nitrobenzene-d5	7.642	82	1291657	87.209	ng	0.00
42) 2,4,6-Tribromophenol	10.924	330	634038	161.194	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	2287711	79.247	ng	0.00
79) Terphenyl-d14	13.224	244	2930397	96.165	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.642	70	164078	17.499	ng	# 76
25) Isophorone	7.642	82	1291640	45.346	ng	# 67
32) Benzoic acid	8.025	122	3636	7.684	ng	90
51) 2,6-Dinitrotoluene	10.130	165	55859	9.121	ng	# 22
57) 2,4-Dinitrotoluene	10.130	165	55859	7.409	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.924	198	1781	5.690	ng	# 1
67) 4-Bromophenyl-phenylether	10.924	248	43773	4.577	ng	# 1
77) Benzidine	13.224	184	44868	3.590	ng	# 92
85) Di-n-octyl phthalate	14.889	149	109	5.260	ng	# 1

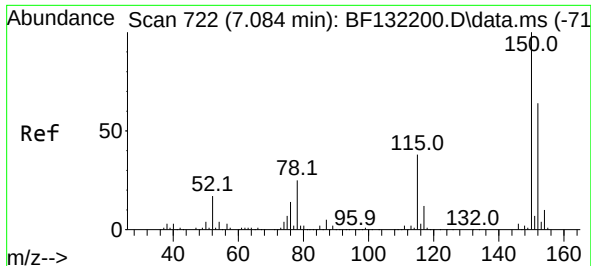
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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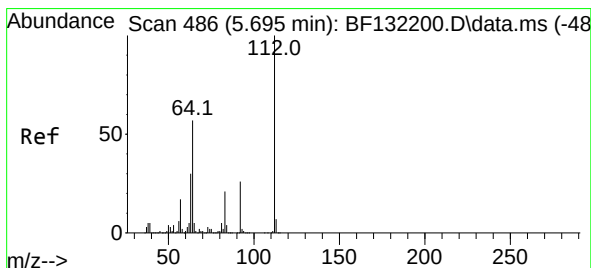
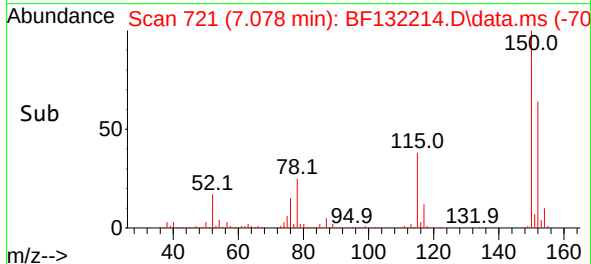
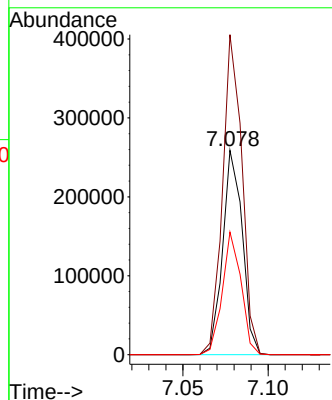
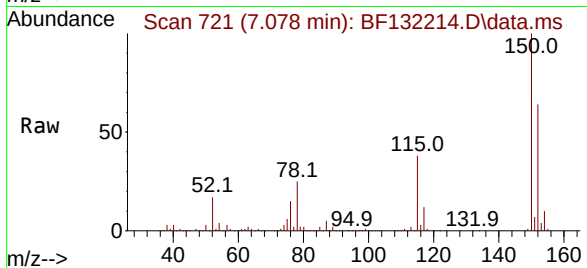




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.078 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF132214.D
 Acq: 30 Jan 2023 16:55

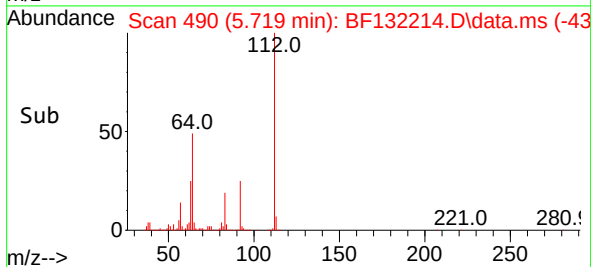
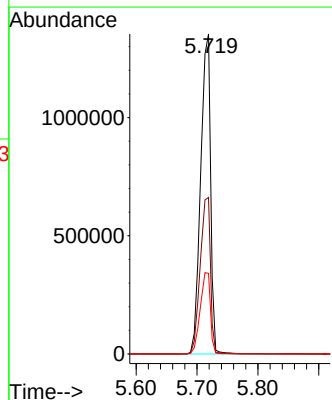
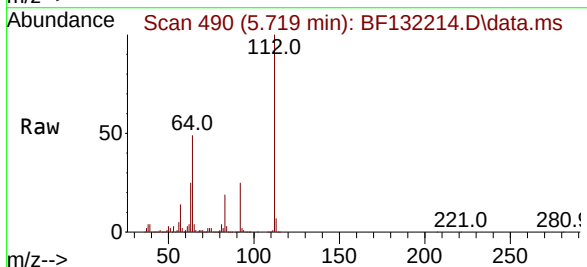
Instrument :
 BNA_F
 ClientSampleId :
 RJ-1-012523

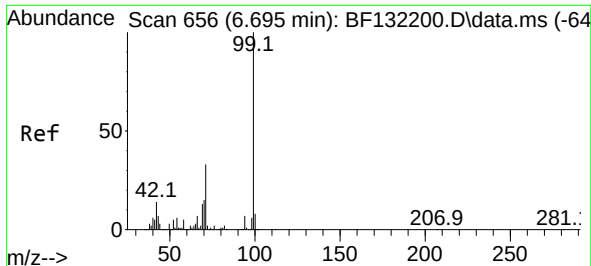
Tgt Ion:152 Resp: 206714
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.5 186.7
 115 60.0 47.0 70.6



#5
 2-Fluorophenol
 Concen: 123.026 ng
 RT: 5.719 min Scan# 490
 Delta R.T. 0.023 min
 Lab File: BF132214.D
 Acq: 30 Jan 2023 16:55

Tgt Ion:112 Resp: 1528481
 Ion Ratio Lower Upper
 112 100
 64 48.9 45.5 68.3
 63 25.2 23.7 35.5



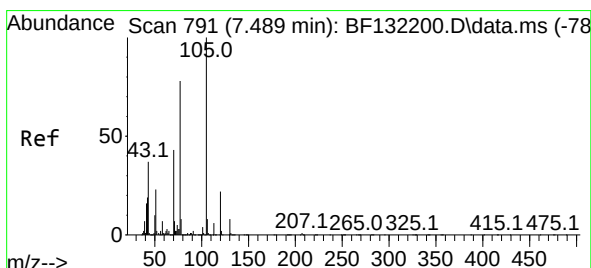
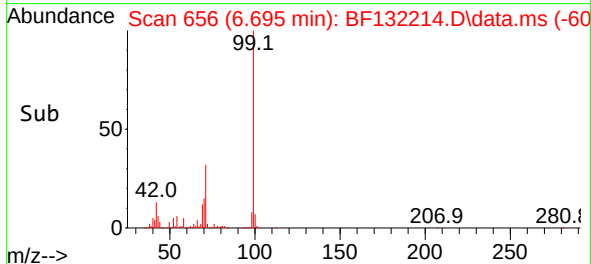
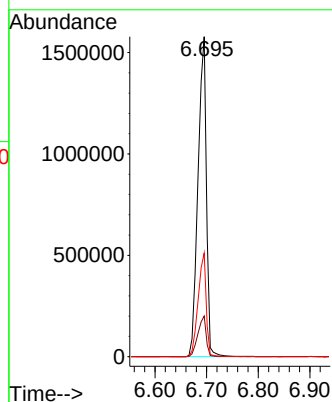
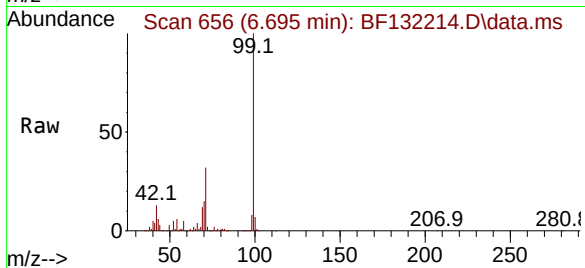


#7
Phenol-d6
Concen: 114.488 ng
RT: 6.695 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132214.D
Acq: 30 Jan 2023 16:55

Instrument :
BNA_F
ClientSampleId :
RJ-1-012523

Tgt Ion: 99 Resp: 1783510

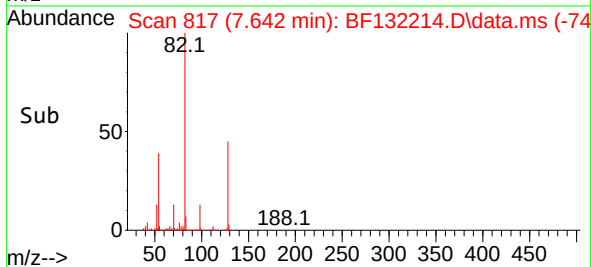
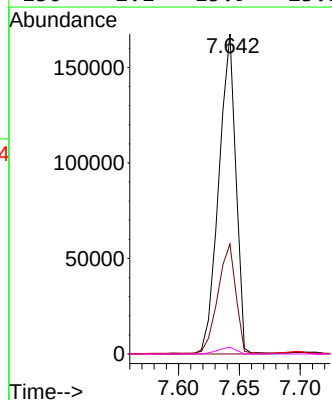
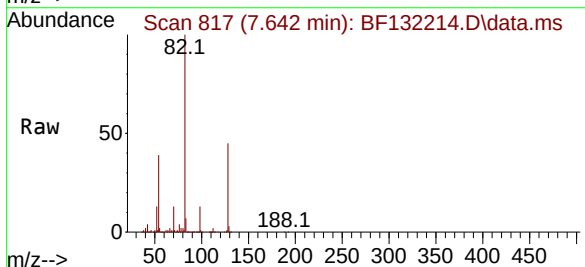
Ion	Ratio	Lower	Upper
99	100		
42	12.7	11.3	16.9
71	32.4	26.3	39.5

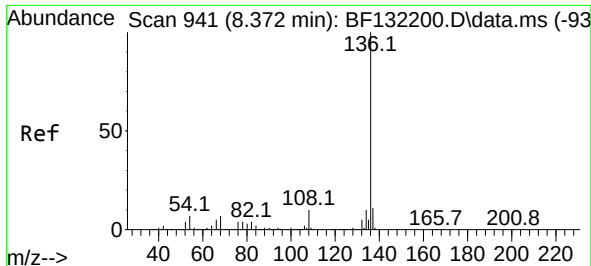


#19
n-Nitroso-di-n-propylamine
Concen: 17.499 ng
RT: 7.642 min Scan# 817
Delta R.T. 0.153 min
Lab File: BF132214.D
Acq: 30 Jan 2023 16:55

Tgt Ion: 70 Resp: 164078

Ion	Ratio	Lower	Upper
70	100		
42	34.4	36.2	54.4#
101	0.0	7.9	11.9#
130	2.1	15.9	23.9#



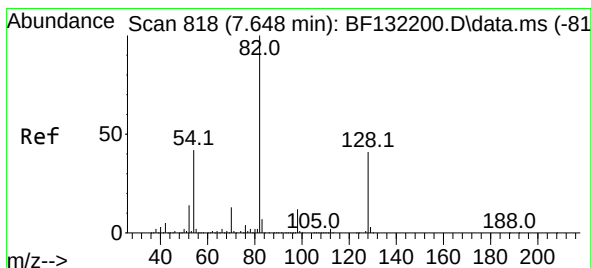
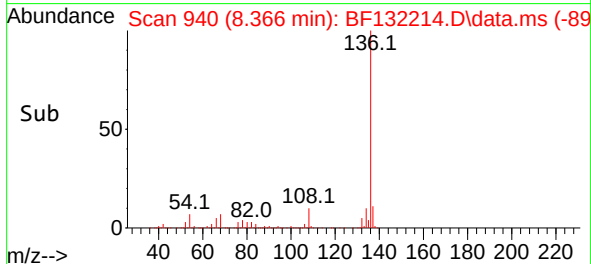
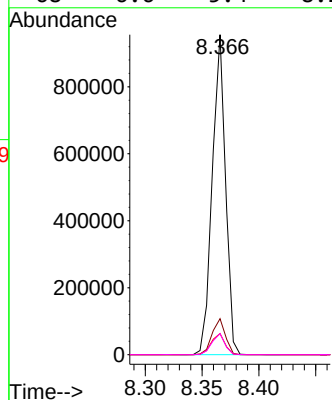
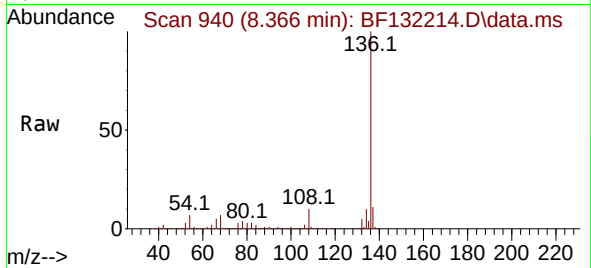


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132214.D
Acq: 30 Jan 2023 16:55

Instrument :
BNA_F
ClientSampleId :
RJ-1-012523

Tgt Ion:136 Resp: 775399

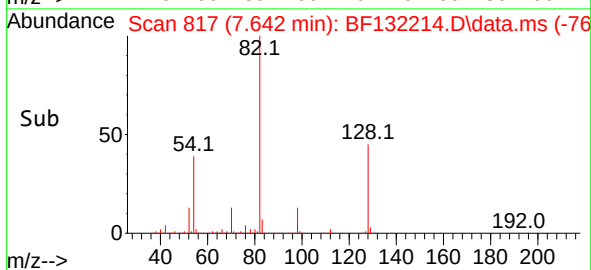
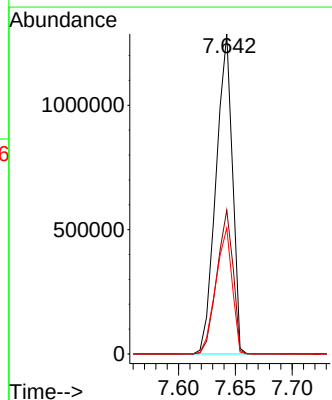
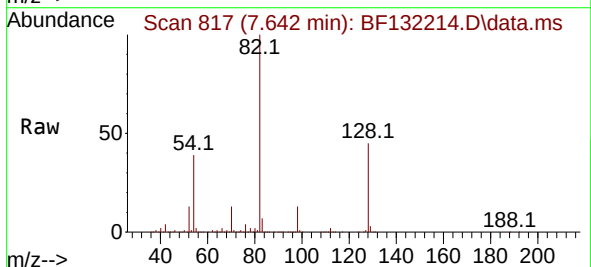
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.6	5.4	8.2
68	6.6	5.4	8.2

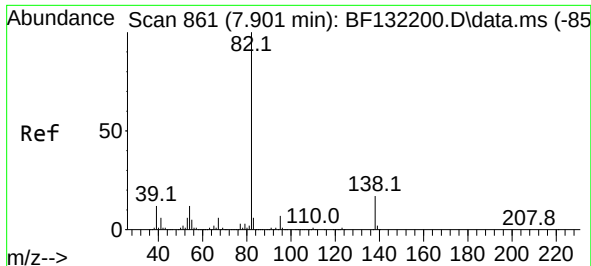


#23
Nitrobenzene-d5
Concen: 87.209 ng
RT: 7.642 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132214.D
Acq: 30 Jan 2023 16:55

Tgt Ion: 82 Resp: 1291657

Ion	Ratio	Lower	Upper
82	100		
128	44.9	32.7	49.1
54	39.3	33.3	49.9

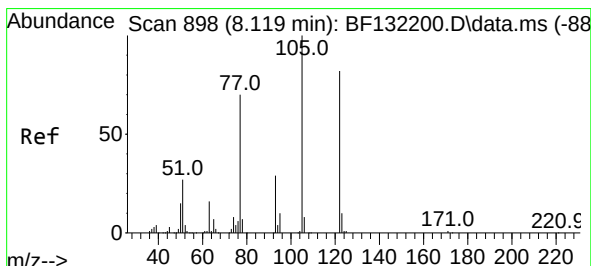
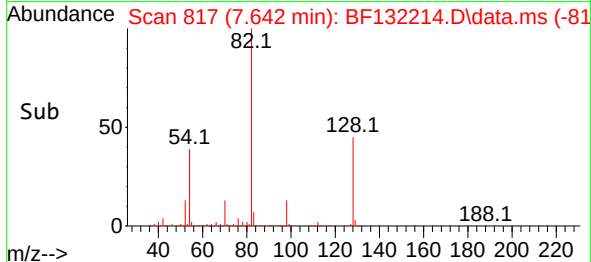
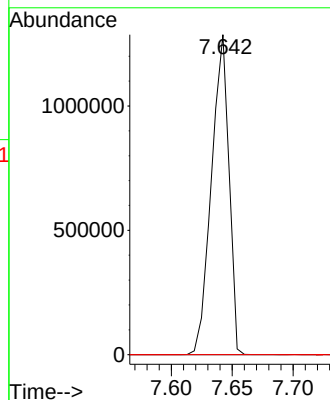
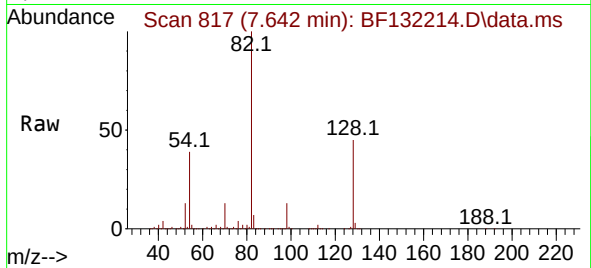




#25
Isophorone
Concen: 45.346 ng
RT: 7.642 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132214.D
Acq: 30 Jan 2023 16:55

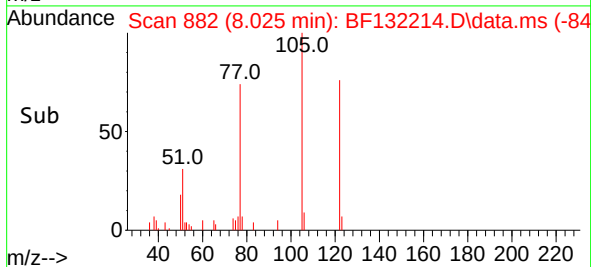
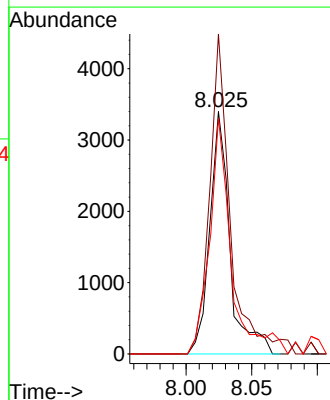
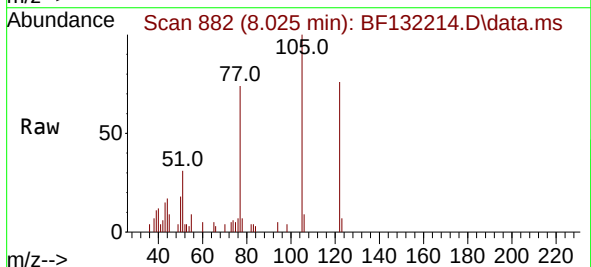
Instrument :
BNA_F
ClientSampleId :
RJ-1-012523

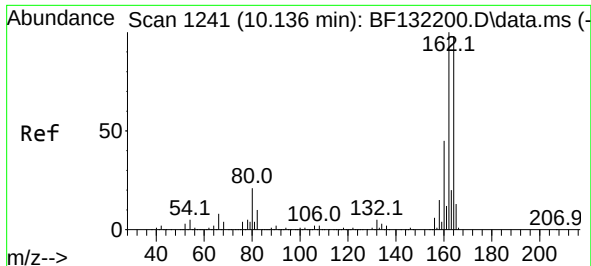
Tgt Ion: 82 Resp: 1291640
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.684 ng
RT: 8.025 min Scan# 882
Delta R.T. -0.094 min
Lab File: BF132214.D
Acq: 30 Jan 2023 16:55

Tgt Ion: 122 Resp: 3636
Ion Ratio Lower Upper
122 100
105 132.0 101.5 141.5
77 97.4 66.5 106.5

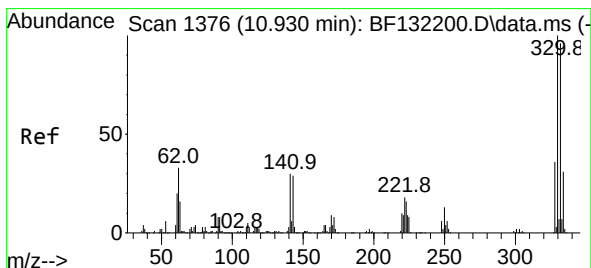
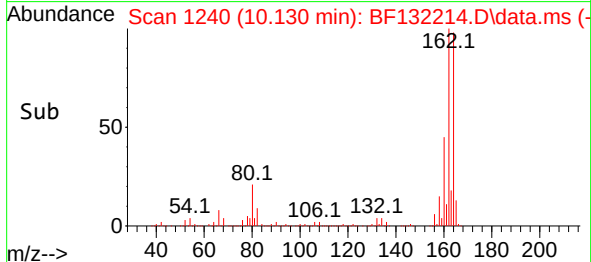
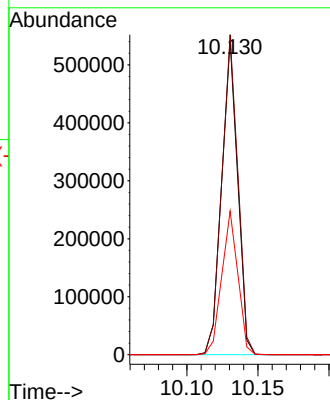
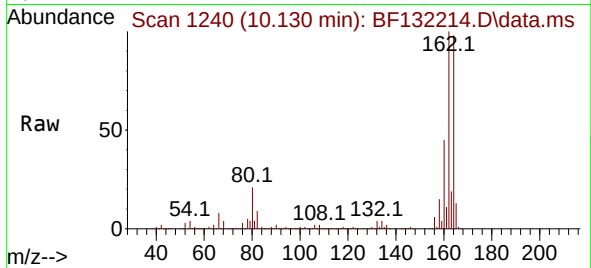




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132214.D
Acq: 30 Jan 2023 16:55

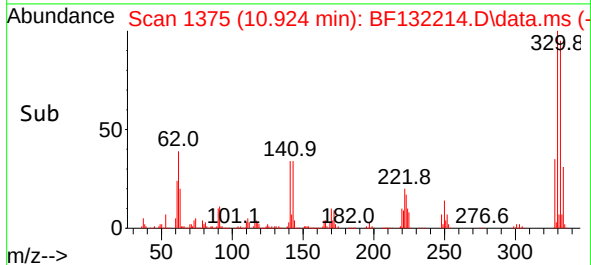
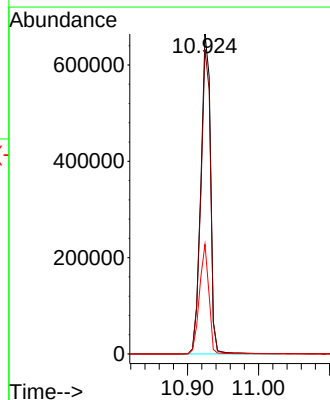
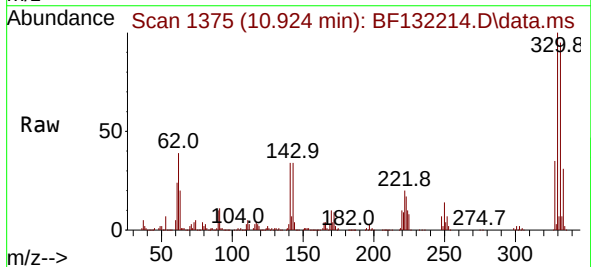
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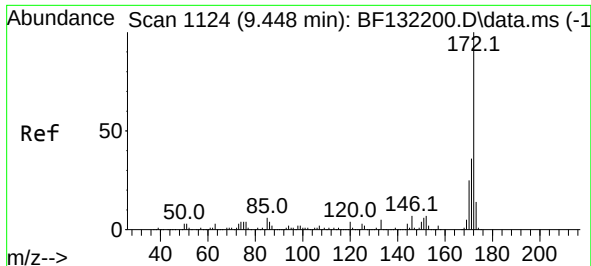
Tgt Ion:164 Resp: 424778
Ion Ratio Lower Upper
164 100
162 101.8 81.5 122.3
160 45.7 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 161.194 ng
RT: 10.924 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132214.D
Acq: 30 Jan 2023 16:55

Tgt Ion:330 Resp: 634038
Ion Ratio Lower Upper
330 100
332 95.7 75.7 113.5
141 33.2 30.7 46.1

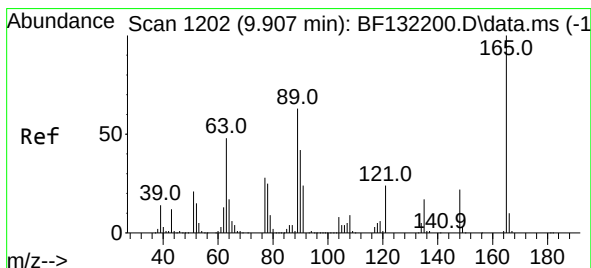
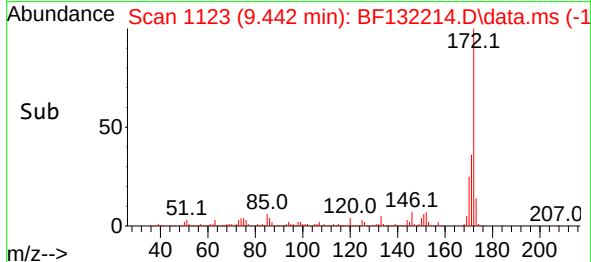
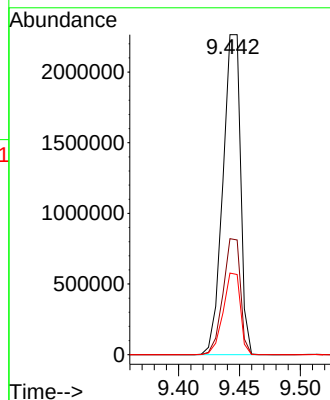
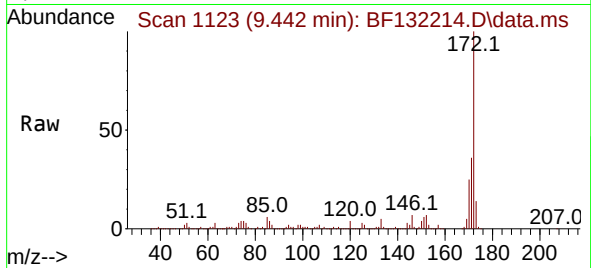




#45
2-Fluorobiphenyl
Concen: 79.247 ng
RT: 9.442 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132214.D
Acq: 30 Jan 2023 16:55

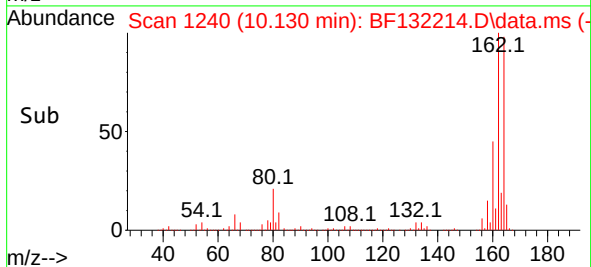
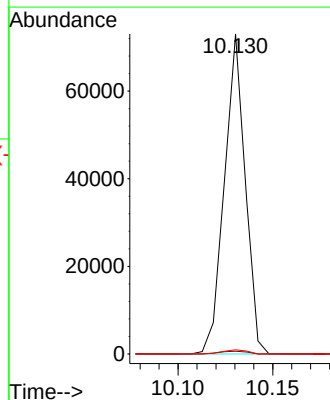
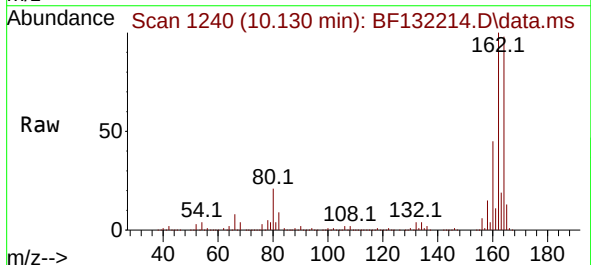
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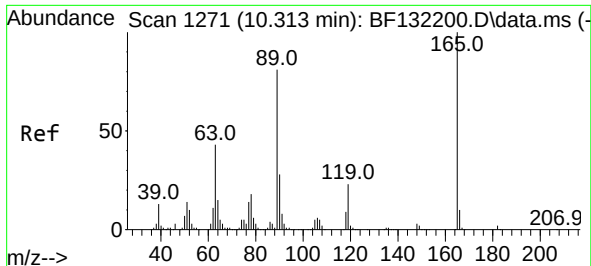
Tgt Ion:172 Resp: 2287711
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 25.5 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 9.121 ng
RT: 10.130 min Scan# 1240
Delta R.T. 0.223 min
Lab File: BF132214.D
Acq: 30 Jan 2023 16:55

Tgt Ion:165 Resp: 55859
Ion Ratio Lower Upper
165 100
63 0.9 46.1 69.1#
89 1.3 50.3 75.5#

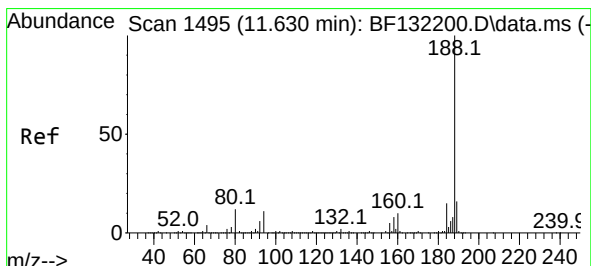
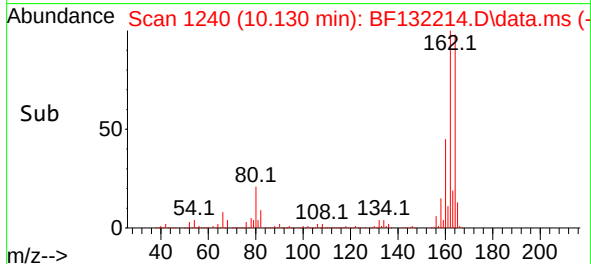
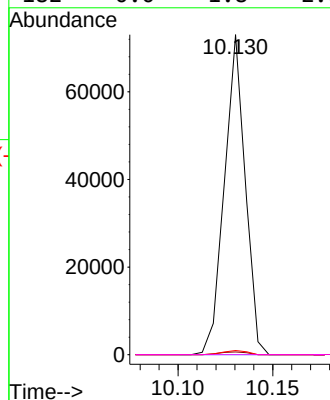
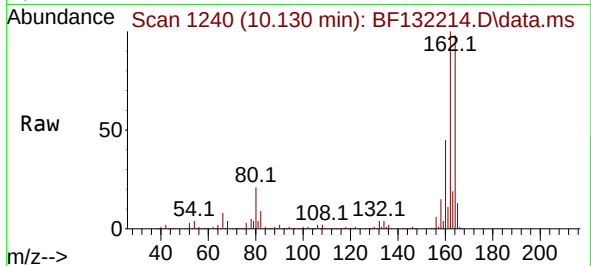




#57
2,4-Dinitrotoluene
Concen: 7.409 ng
RT: 10.130 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF132214.D
Acq: 30 Jan 2023 16:55

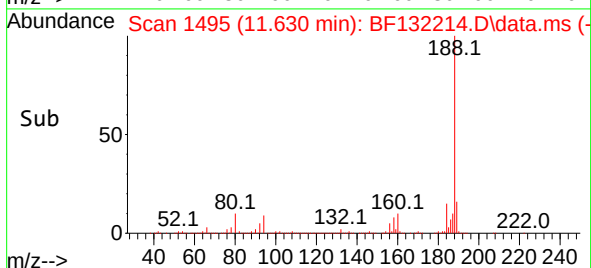
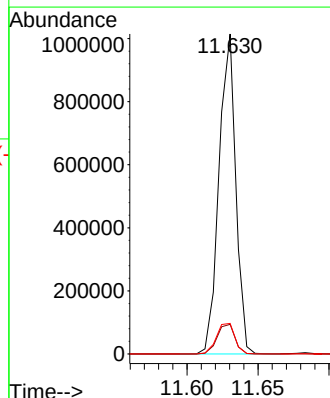
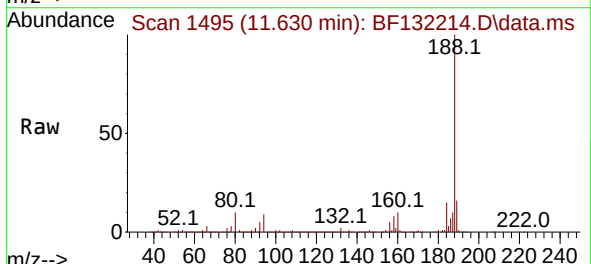
Instrument :
BNA_F
ClientSampleId :
RJ-1-012523

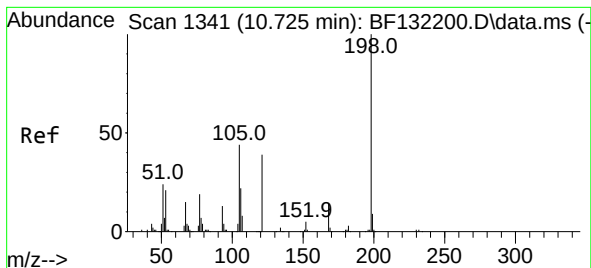
Tgt Ion:165 Resp: 55859
Ion Ratio Lower Upper
165 100
63 0.9 34.2 51.2#
89 1.3 65.1 97.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.630 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF132214.D
Acq: 30 Jan 2023 16:55

Tgt Ion:188 Resp: 830806
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.5 9.2 13.8

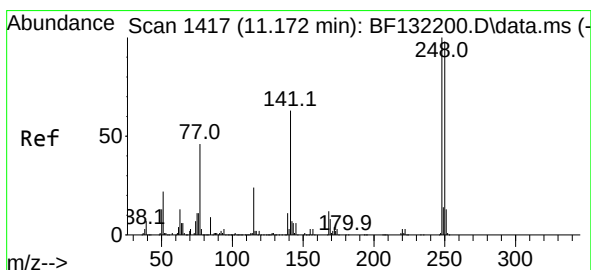
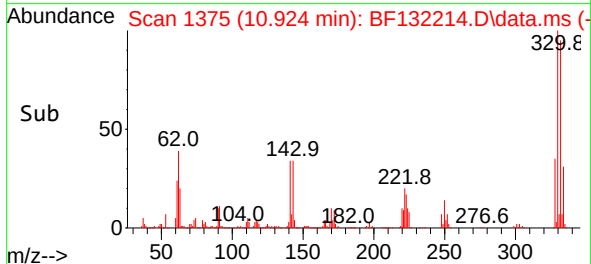
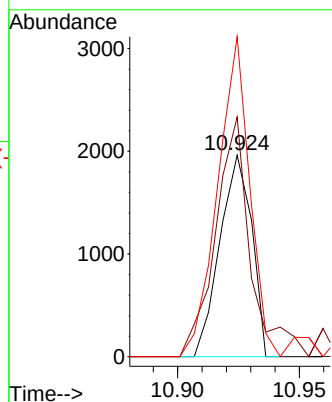
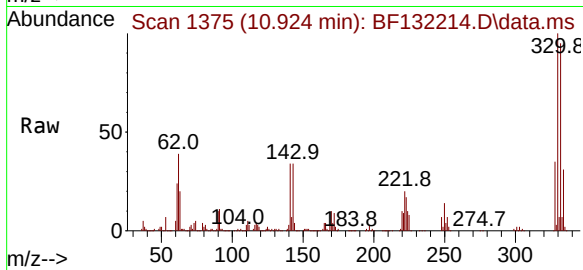




#65
4,6-Dinitro-2-methylphenol
Concen: 5.690 ng
RT: 10.924 min Scan# 1375
Delta R.T. 0.199 min
Lab File: BF132214.D
Acq: 30 Jan 2023 16:55

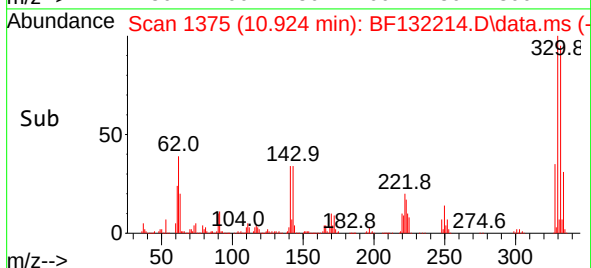
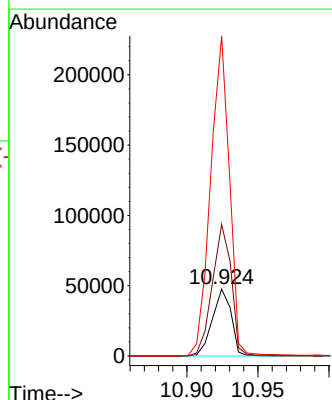
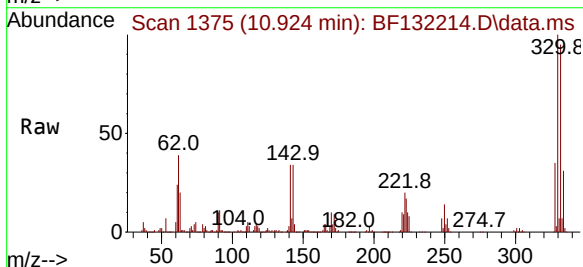
Instrument :
BNA_F
ClientSampleId :
RJ-1-012523

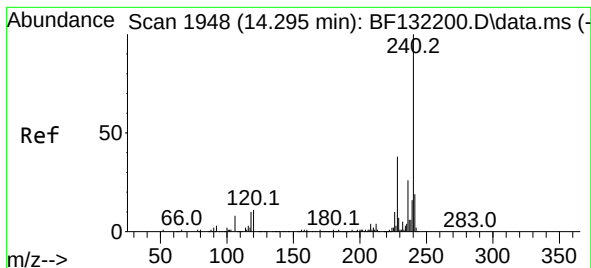
Tgt Ion:198 Resp: 1781
Ion Ratio Lower Upper
198 100
51 119.0 14.9 54.9#
105 158.9 24.2 64.2#



#67
4-Bromophenyl-phenylether
Concen: 4.577 ng
RT: 10.924 min Scan# 1375
Delta R.T. -0.247 min
Lab File: BF132214.D
Acq: 30 Jan 2023 16:55

Tgt Ion:248 Resp: 43773
Ion Ratio Lower Upper
248 100
250 196.4 78.5 117.7#
141 477.9 50.2 75.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.289 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BF132214.D

Acq: 30 Jan 2023 16:55

Instrument :

BNA_F

ClientSampleId :

RJ-1-012523

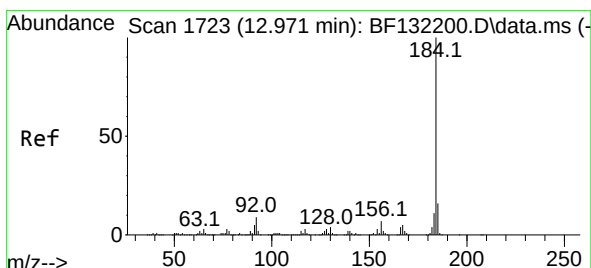
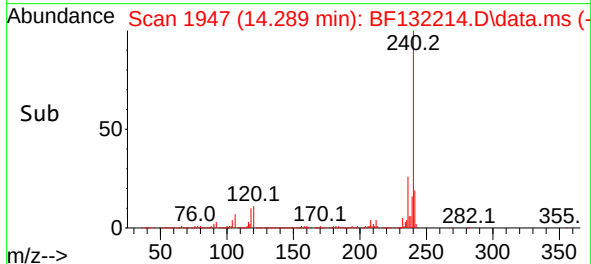
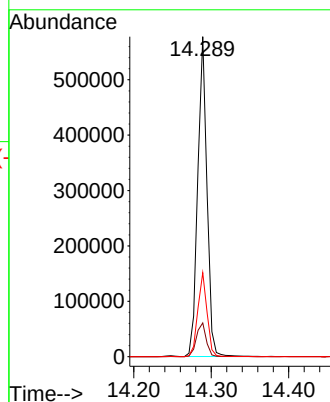
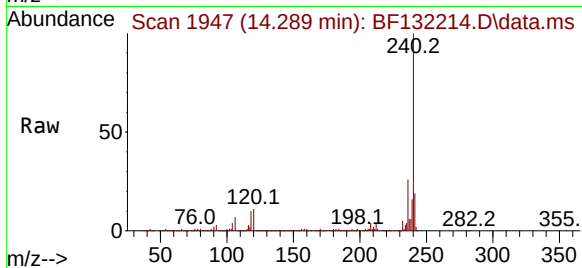
Tgt Ion:240 Resp: 478761

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

236 26.3 20.8 31.2



#77

Benzidine

Concen: 3.590 ng

RT: 13.224 min Scan# 1766

Delta R.T. 0.253 min

Lab File: BF132214.D

Acq: 30 Jan 2023 16:55

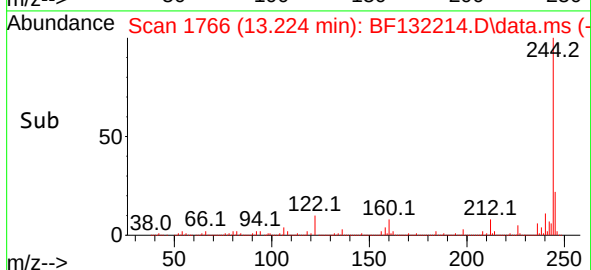
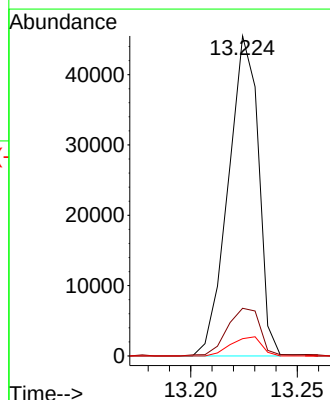
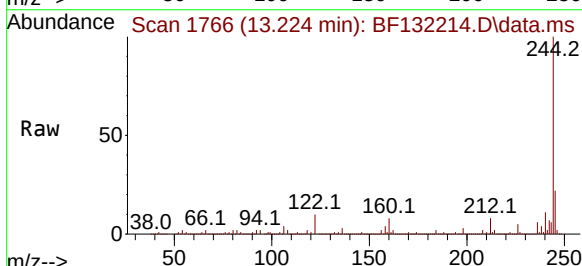
Tgt Ion:184 Resp: 44868

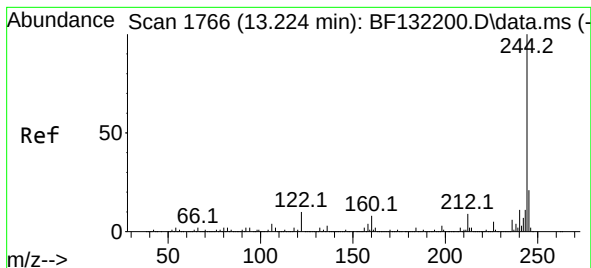
Ion Ratio Lower Upper

184 100

185 14.9 13.2 19.8

183 5.4 8.8 13.2#





#79

Terphenyl-d14

Concen: 96.165 ng

RT: 13.224 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132214.D

Acq: 30 Jan 2023 16:55

Instrument :

BNA_F

ClientSampleId :

RJ-1-012523

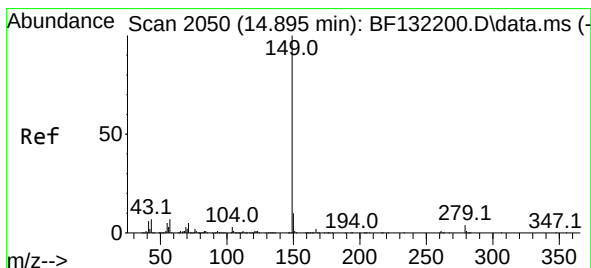
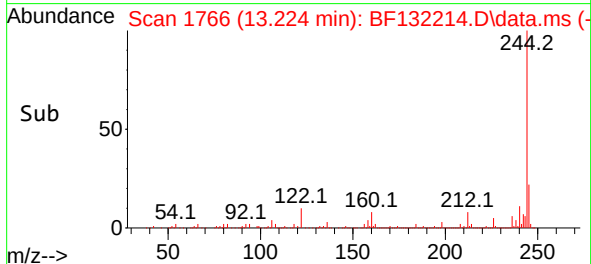
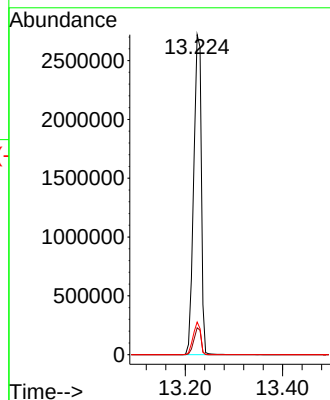
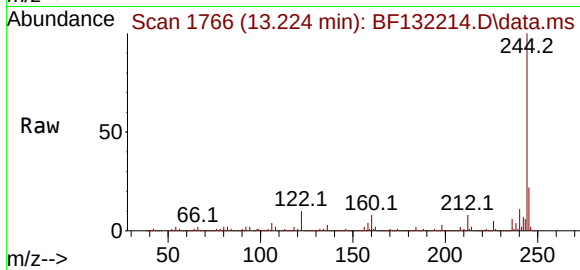
Tgt Ion:244 Resp: 2930397

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

122 10.2 8.3 12.5



#85

Di-n-octyl phthalate

Concen: 5.260 ng

RT: 14.889 min Scan# 2049

Delta R.T. -0.006 min

Lab File: BF132214.D

Acq: 30 Jan 2023 16:55

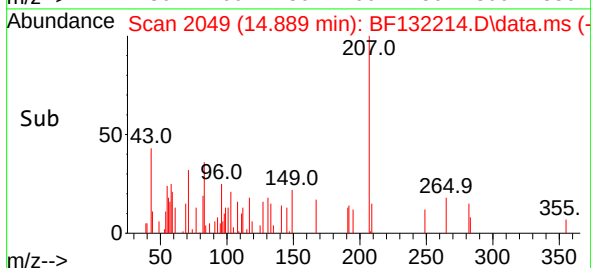
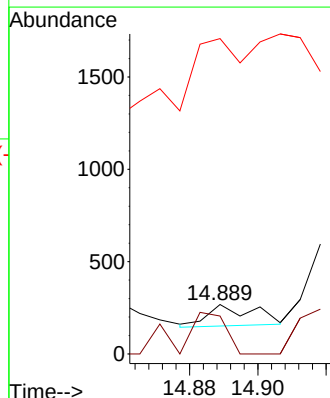
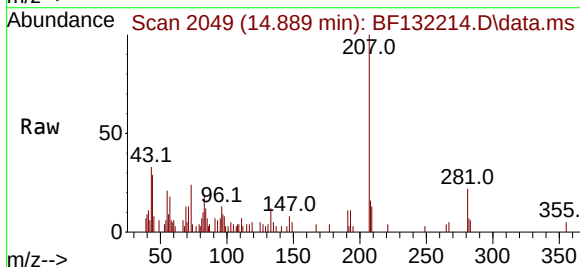
Tgt Ion:149 Resp: 109

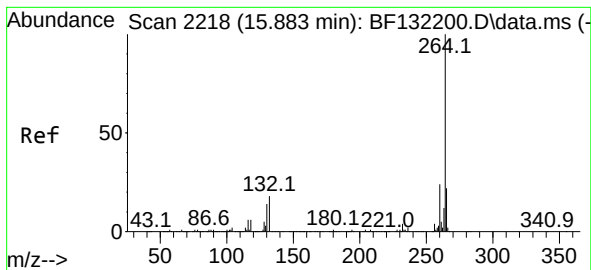
Ion Ratio Lower Upper

149 100

167 191.7 1.2 1.8#

43 425.7 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: BF132214.D
 Acq: 30 Jan 2023 16:55

Instrument :
 BNA_F
 ClientSampleId :
 RJ-1-012523

Tgt Ion:264 Resp: 420609
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.5 17.4 26.2

