

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131016.D
 Acq On : 05 Nov 2022 13:05
 Operator : CG\JU
 Sample : PB148770TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148770TB

Quant Time: Nov 07 00:47:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:46:02 2022
 Response via : Initial Calibration

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

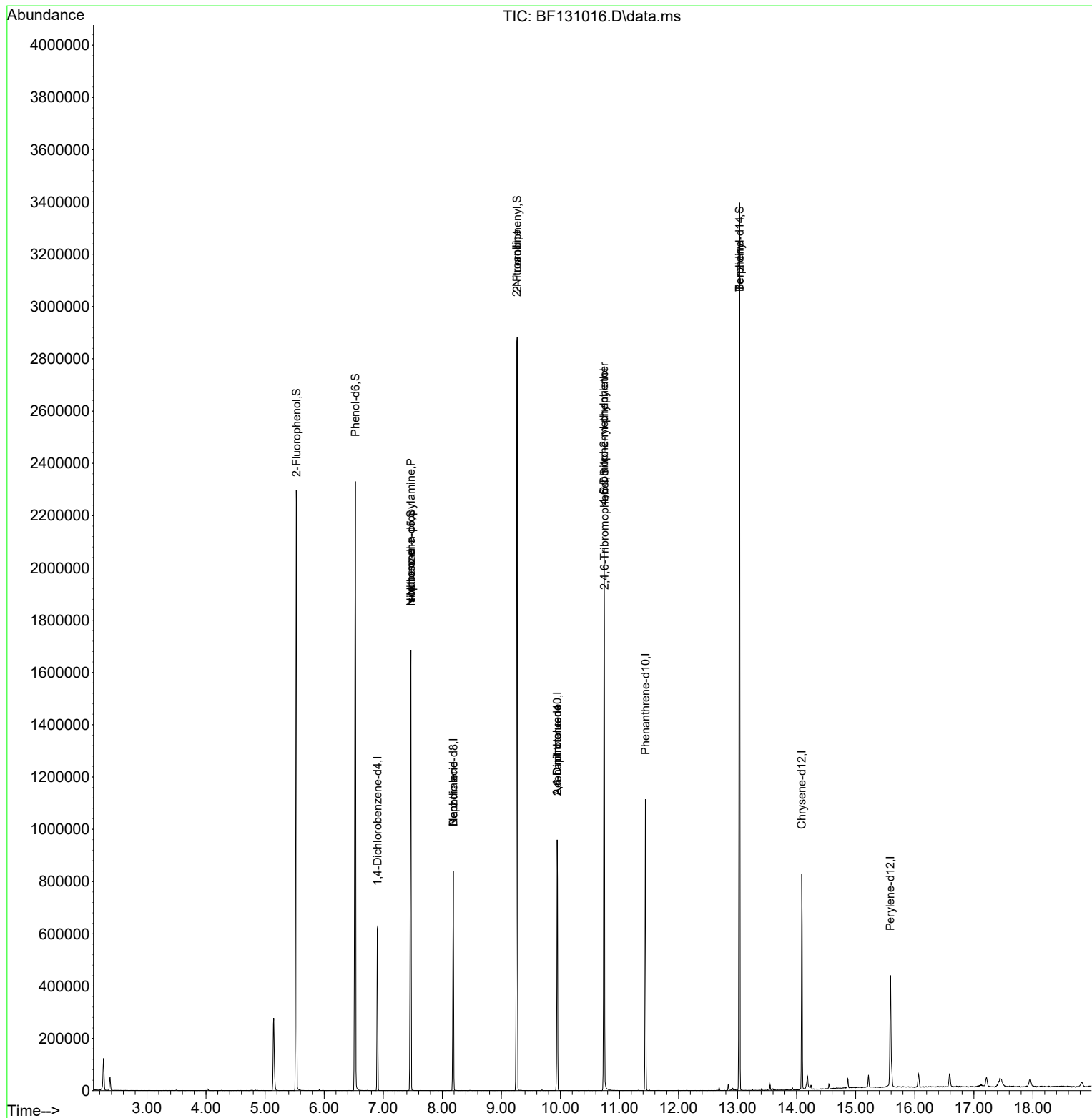
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	90160	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	355724	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	197301	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	373445	20.000	ng	0.00
76) Chrysene-d12	14.086	240	263919	20.000	ng	0.00
86) Perylene-d12	15.586	264	189449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	642243	123.492	ng	0.02
7) Phenol-d6	6.528	99	839109	124.160	ng	0.00
23) Nitrobenzene-d5	7.469	82	583870	98.972	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	252969	152.311	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1028230	78.791	ng	0.00
79) Terphenyl-d14	13.033	244	1148348	79.733	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.469	70	80969	17.609	ng	# 76
25) Isophorone	7.469	82	583961	48.002	ng	# 66
32) Benzoic acid	8.187	122	64	7.695	ng	# 1
48) 2-Nitroaniline	9.263	65	1908	4.628	ng	# 7
51) 2,6-Dinitrotoluene	9.945	165	24910	11.896	ng	# 13
57) 2,4-Dinitrotoluene	9.945	165	24910	10.808	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.739	198	723	8.315	ng	# 1
67) 4-Bromophenyl-phenylether	10.739	248	15811	4.210	ng	# 1
77) Benzidine	13.033	184	17299	2.700	ng	# 91

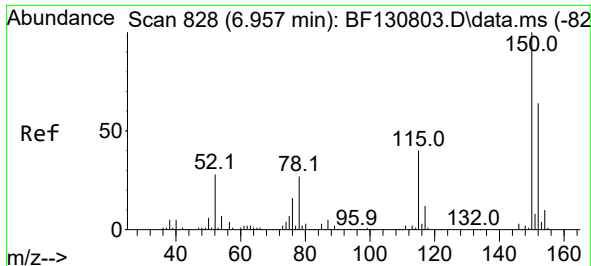
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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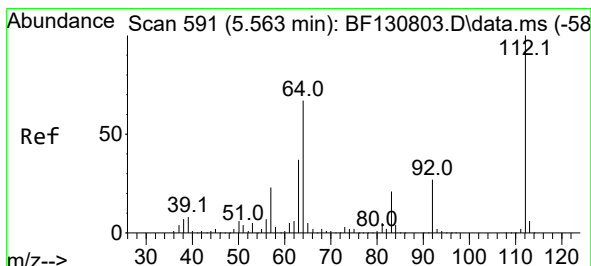
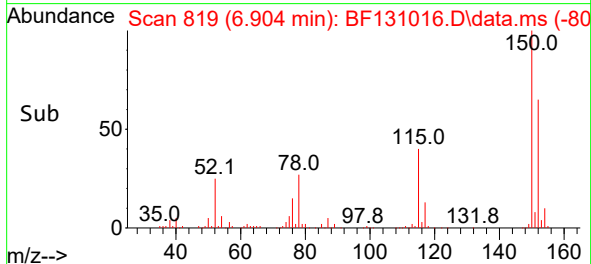
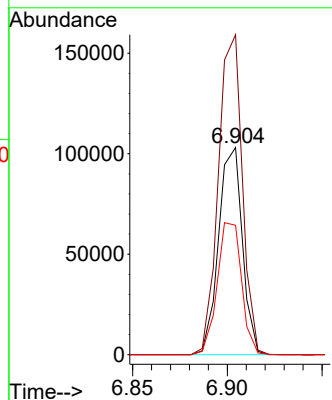
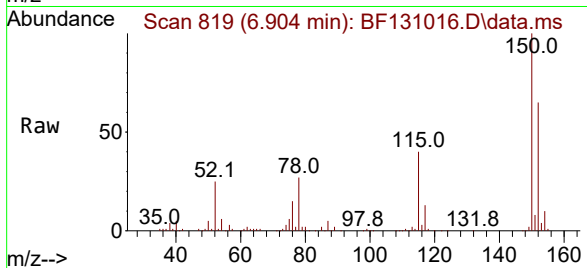




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

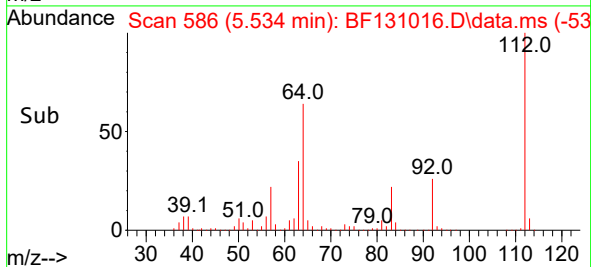
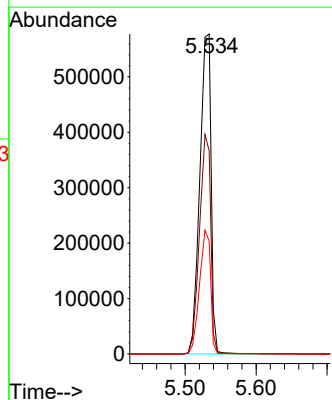
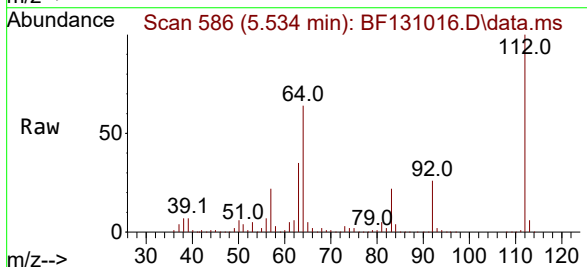
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BNA_F
ClientSampleId :
PB148770TB

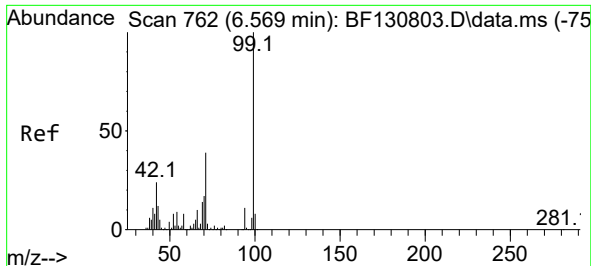
Tgt Ion:152 Resp: 90160
Ion Ratio Lower Upper
152 100
150 154.5 124.1 186.1
115 62.5 50.1 75.1



#5
2-Fluorophenol
Concen: 123.492 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.018 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

Tgt Ion:112 Resp: 642243
Ion Ratio Lower Upper
112 100
64 63.5 53.9 80.9
63 35.2 29.4 44.2

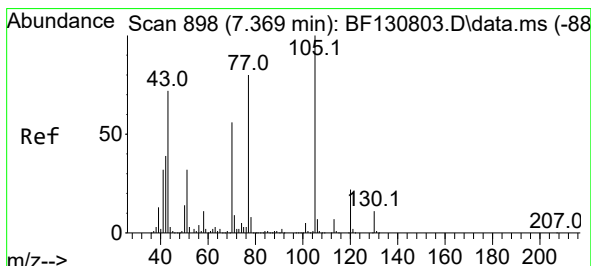
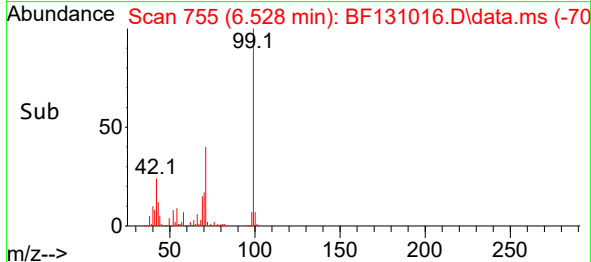
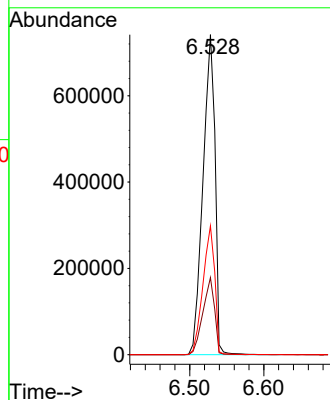
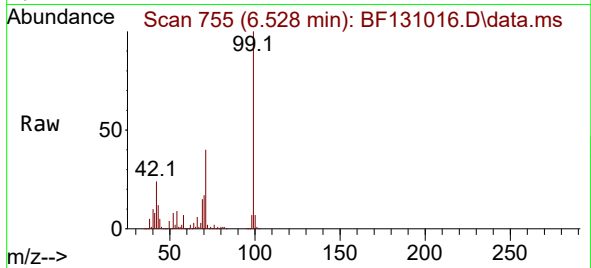




#7
Phenol-d6
Concen: 124.160 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

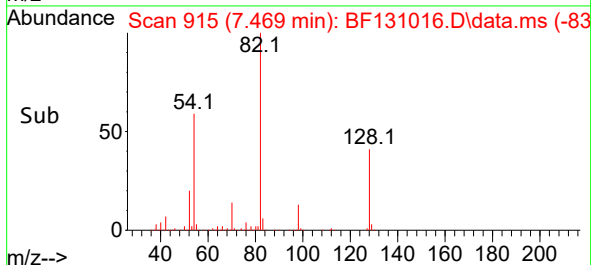
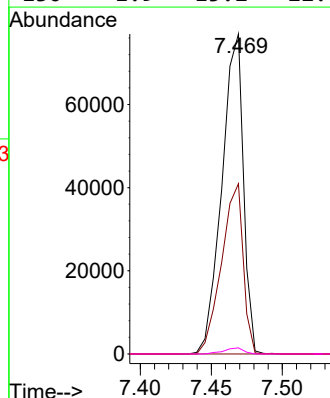
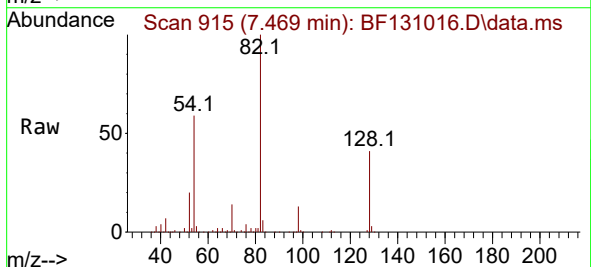
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ClientSampleId :
PB148770TB

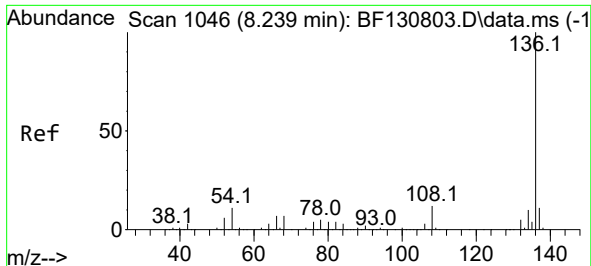
Tgt Ion: 99 Resp: 839109
Ion Ratio Lower Upper
99 100
42 24.1 18.8 28.2
71 40.2 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.609 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.147 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

Tgt Ion: 70 Resp: 80969
Ion Ratio Lower Upper
70 100
42 53.2 56.1 84.1#
101 0.0 7.3 10.9#
130 1.9 15.2 22.8#



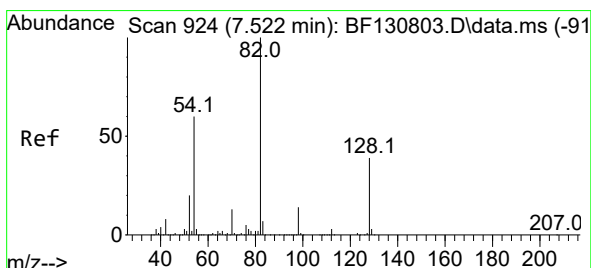
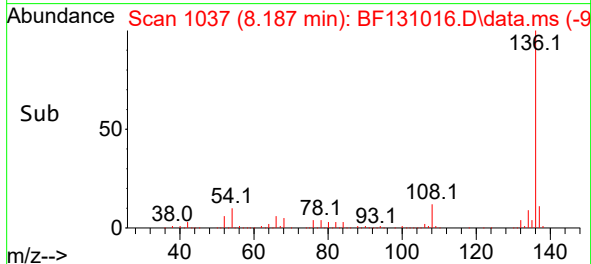
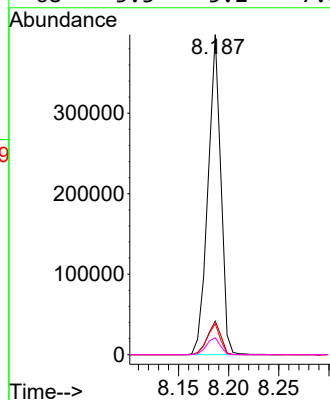
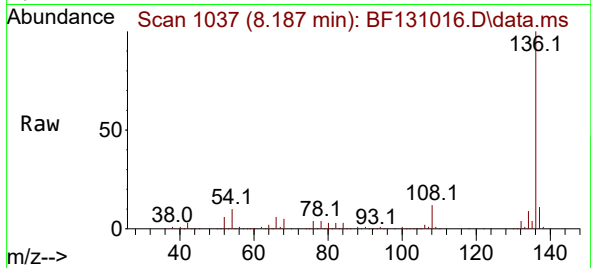


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

Instrument :
BNA_F
ClientSampleId :
PB148770TB

Tgt Ion:136 Resp: 355724

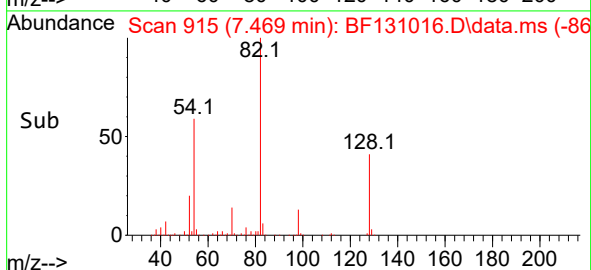
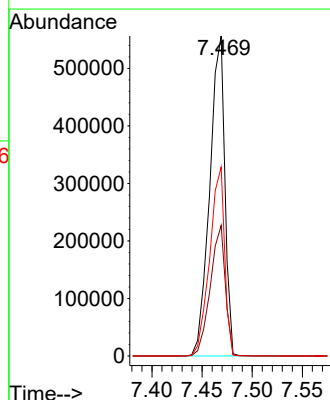
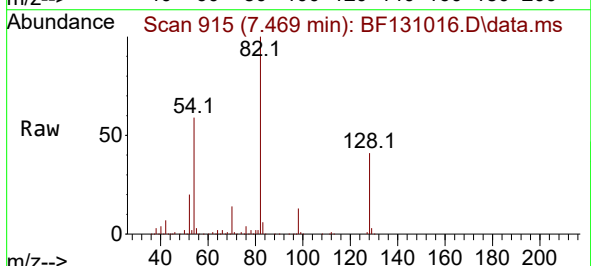
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	9.7	8.8	13.2
68	5.3	5.2	7.8

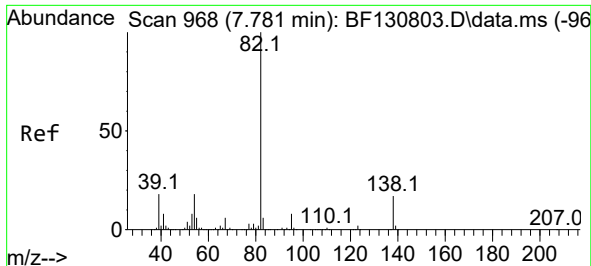


#23
Nitrobenzene-d5
Concen: 98.972 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

Tgt Ion: 82 Resp: 583870

Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.2	46.8
54	59.0	48.0	72.0

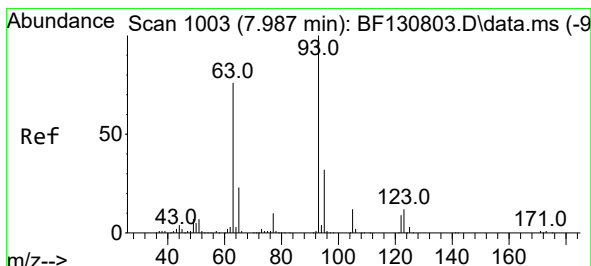
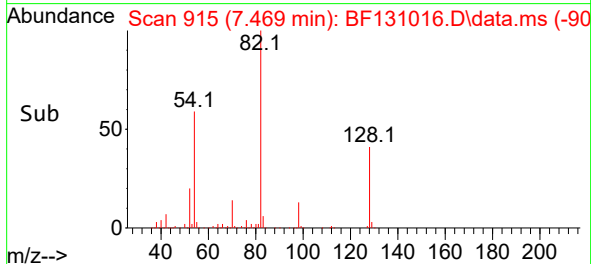
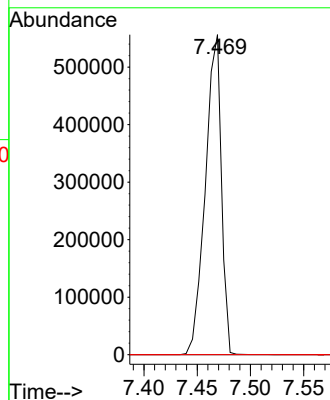
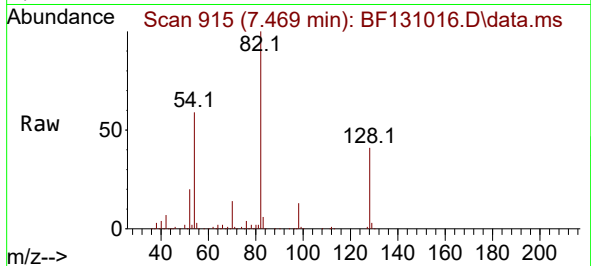




#25
Isophorone
Concen: 48.002 ng
RT: 7.469 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

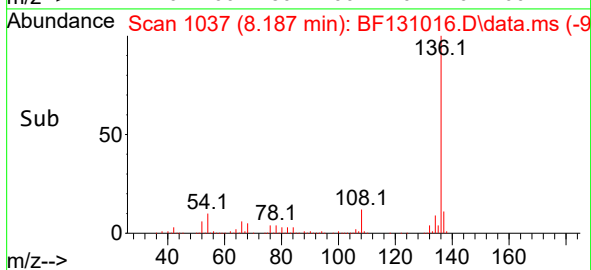
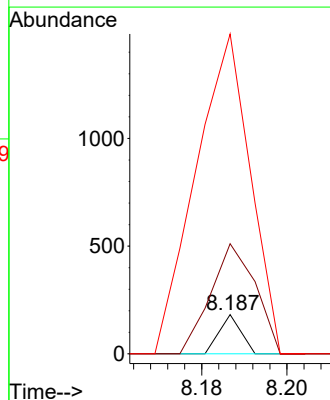
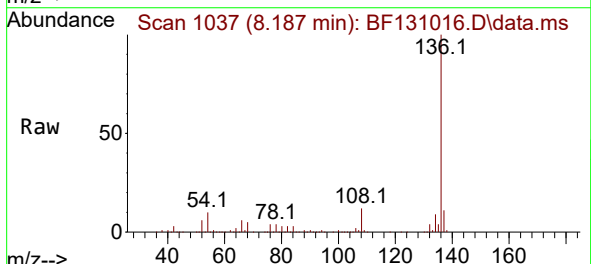
Instrument :
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ClientSampleId :
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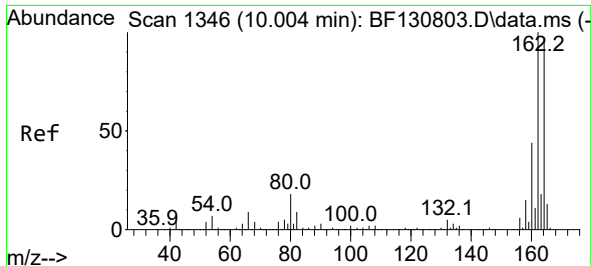
Tgt Ion: 82 Resp: 583961
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.695 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.230 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 280.8 114.5 154.5#
77 815.9 89.8 129.8#

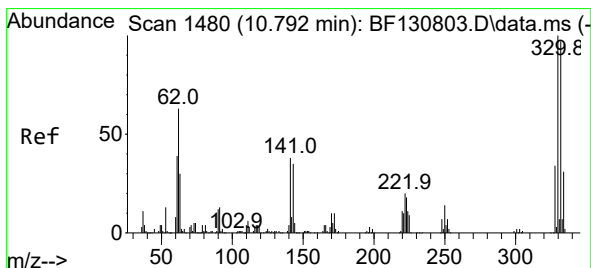
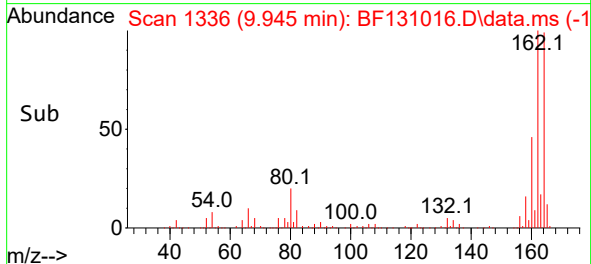
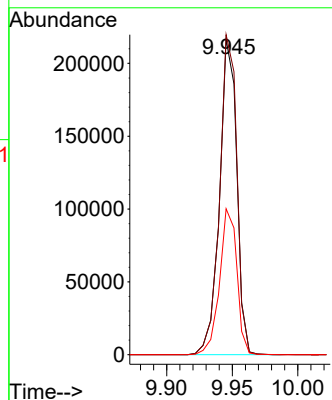
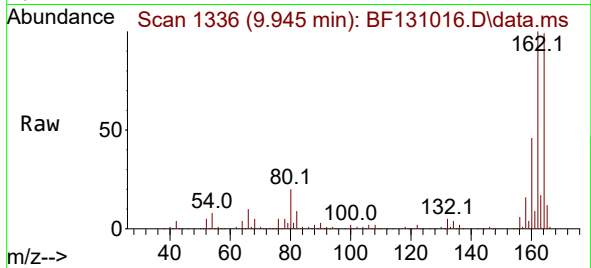




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

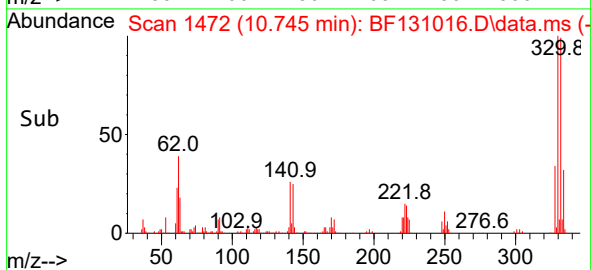
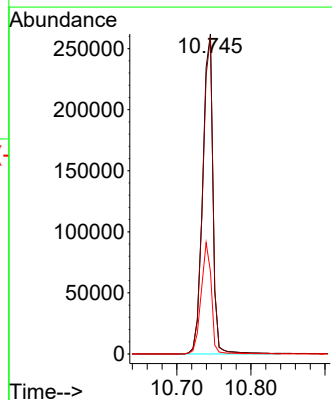
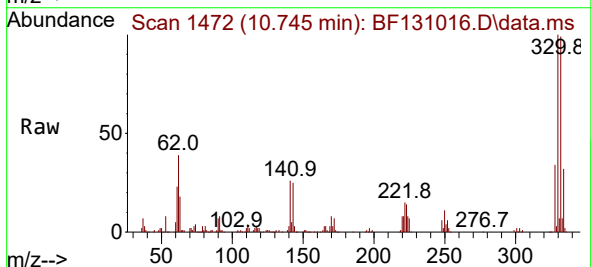
Instrument :
BNA_F
ClientSampleId :
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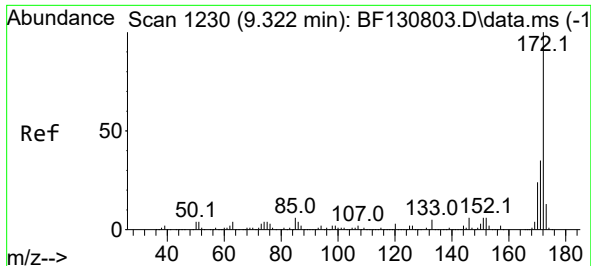
Tgt Ion:164 Resp: 197301
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.2
160 46.3 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 152.311 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

Tgt Ion:330 Resp: 252969
Ion Ratio Lower Upper
330 100
332 98.4 76.2 114.4
141 34.4 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 78.791 ng

RT: 9.269 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131016.D

Acq: 05 Nov 2022 13:05

Instrument :

BNA_F

ClientSampleId :

PB148770TB

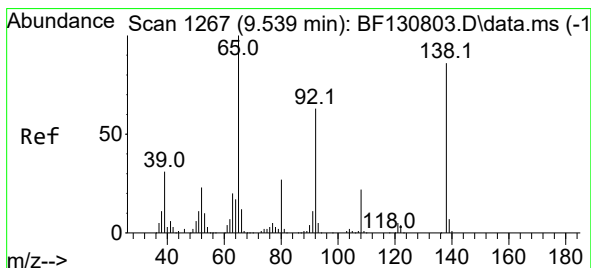
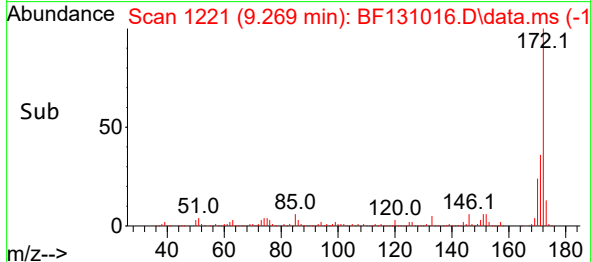
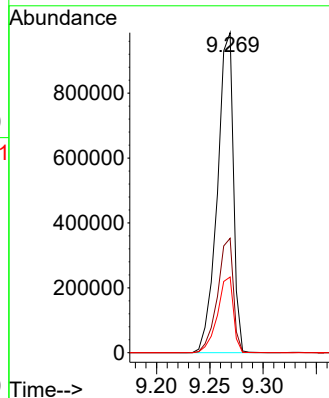
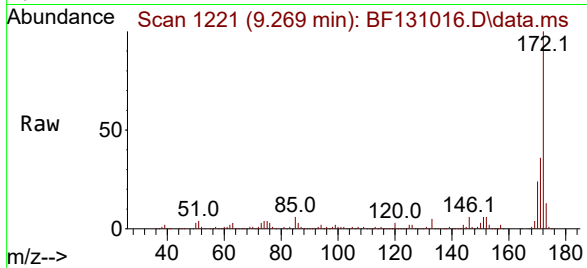
Tgt Ion:172 Resp: 1028230

Ion Ratio Lower Upper

172 100

171 35.7 28.1 42.1

170 23.6 19.0 28.4



#48

2-Nitroaniline

Concen: 4.628 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.229 min

Lab File: BF131016.D

Acq: 05 Nov 2022 13:05

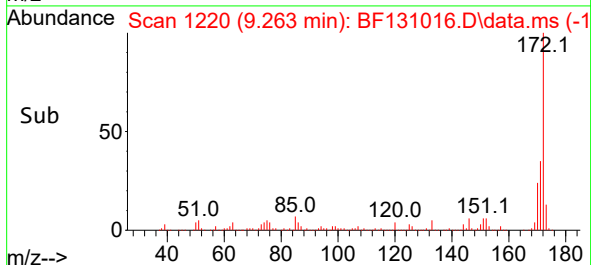
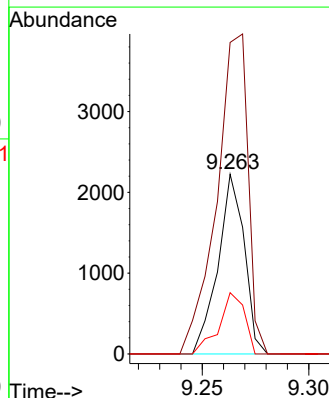
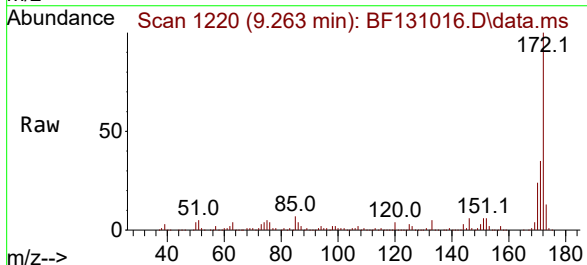
Tgt Ion: 65 Resp: 1908

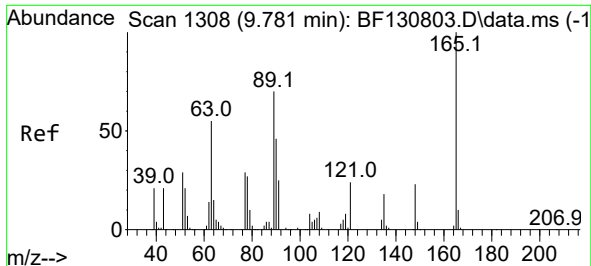
Ion Ratio Lower Upper

65 100

92 173.4 50.1 75.1#

138 34.1 69.2 103.8#

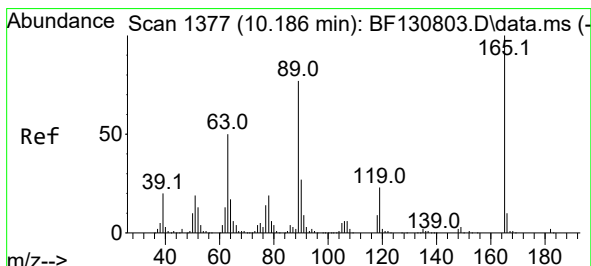
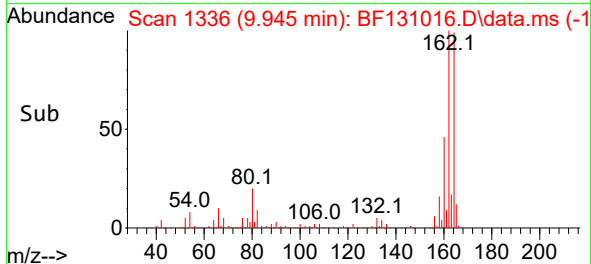
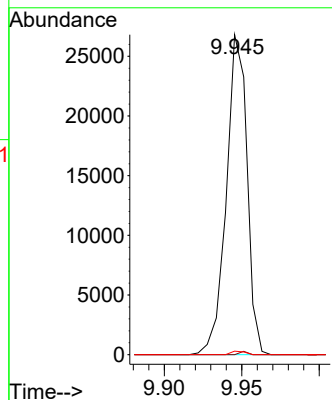
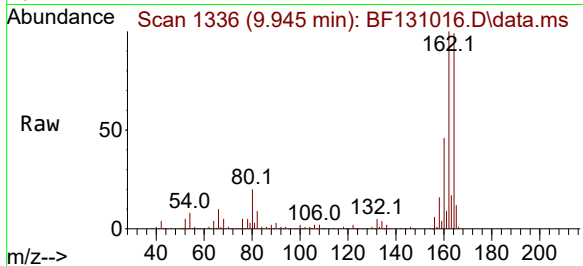




#51
2,6-Dinitrotoluene
Concen: 11.896 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

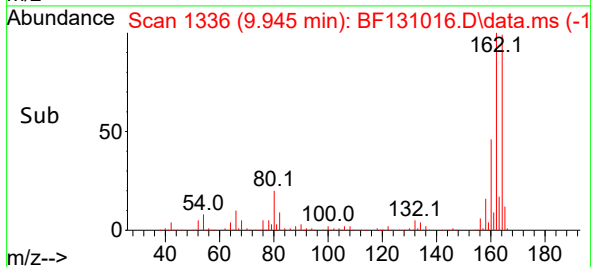
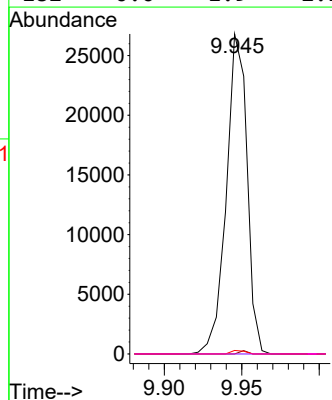
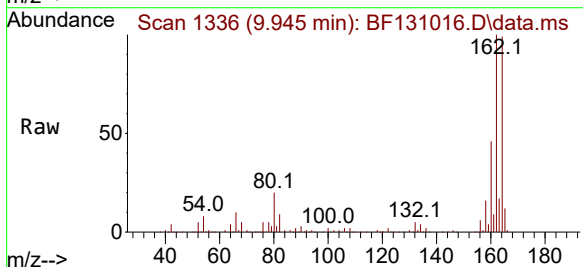
Instrument :
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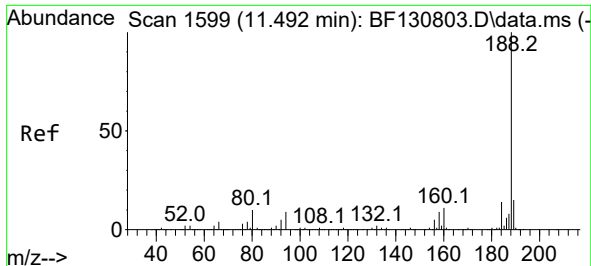
Tgt Ion:165 Resp: 24910
Ion Ratio Lower Upper
165 100
63 0.0 61.8 92.8#
89 1.1 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.808 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.194 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

Tgt Ion:165 Resp: 24910
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 1.1 61.9 92.9#
182 0.0 1.9 2.9#

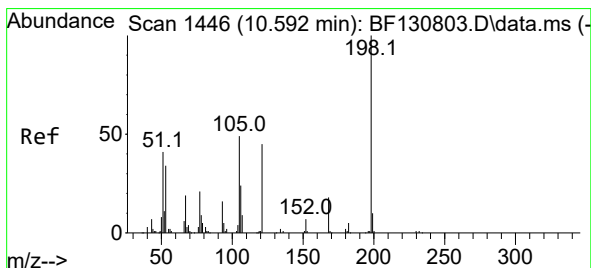
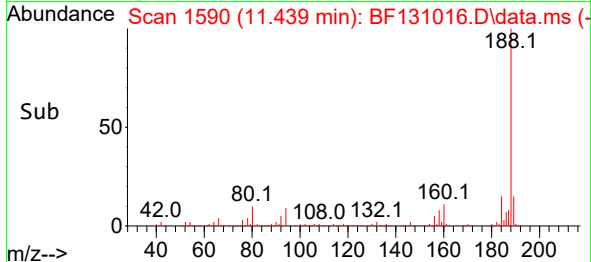
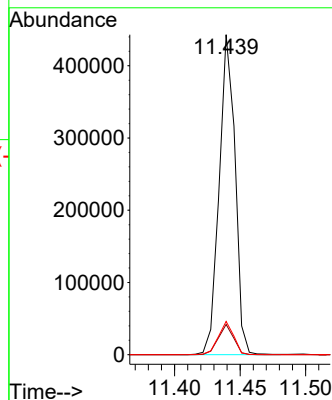
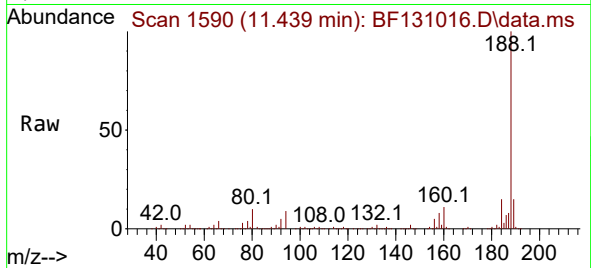




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

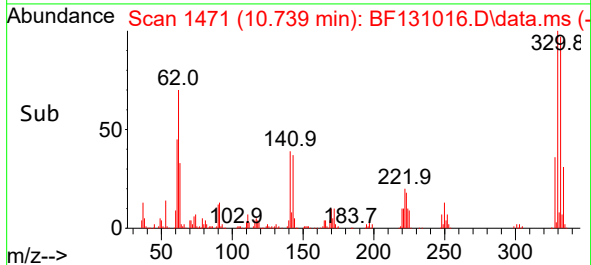
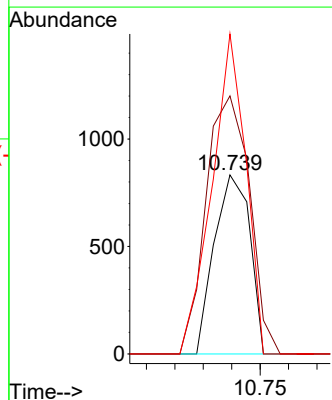
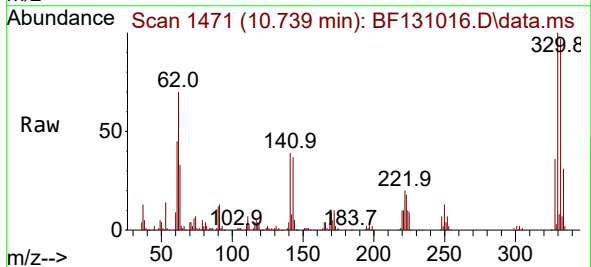
Instrument :
BNA_F
ClientSampleId :
PB148770TB

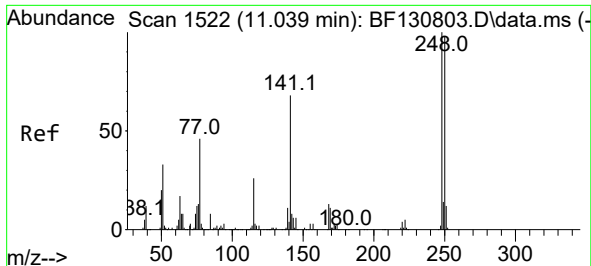
Tgt Ion:188 Resp: 373445
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.4 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.315 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.188 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

Tgt Ion:198 Resp: 723
Ion Ratio Lower Upper
198 100
51 144.2 39.0 79.0#
105 178.8 30.6 70.6#

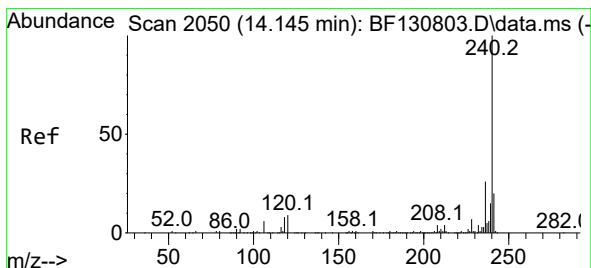
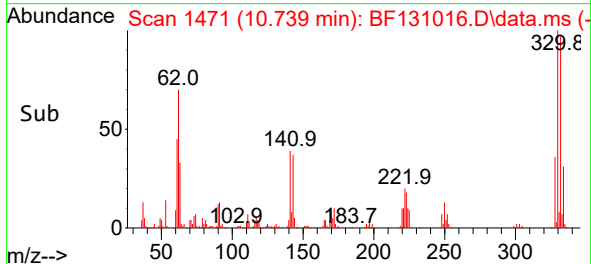
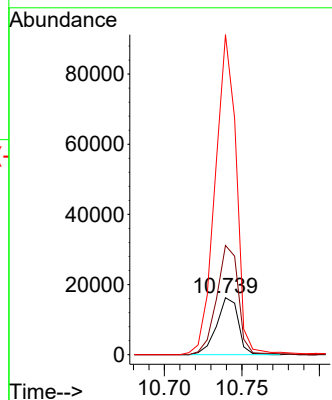
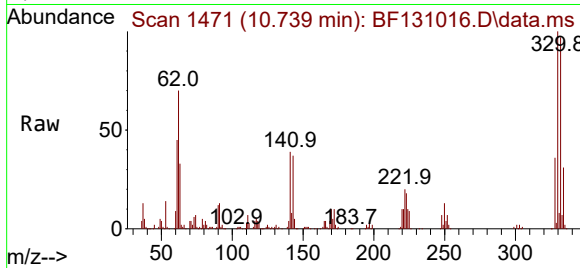




#67
4-Bromophenyl-phenylether
Concen: 4.210 ng
RT: 10.739 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

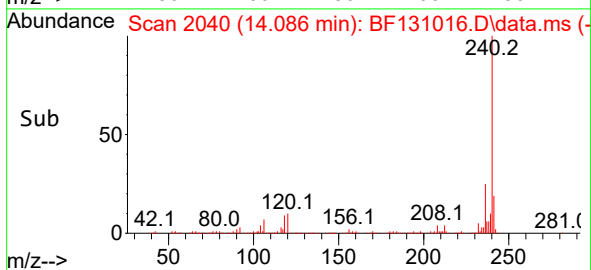
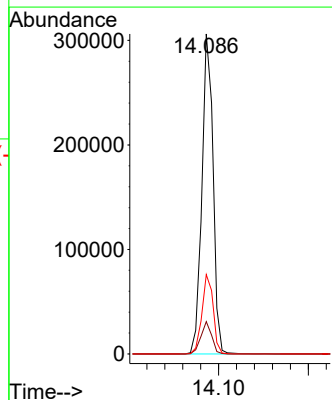
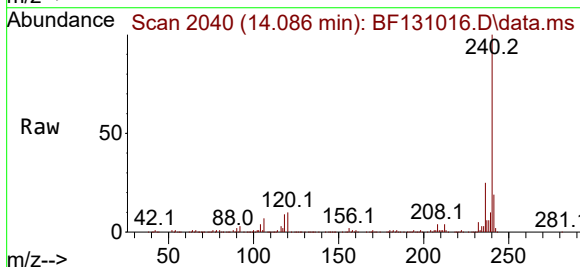
Instrument :
BNA_F
ClientSampleId :
PB148770TB

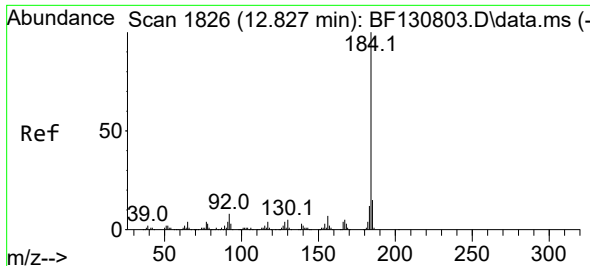
Tgt Ion:248 Resp: 15811
Ion Ratio Lower Upper
248 100
250 192.0 78.6 117.8#
141 562.4 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

Tgt Ion:240 Resp: 263919
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.4
236 24.8 20.5 30.7

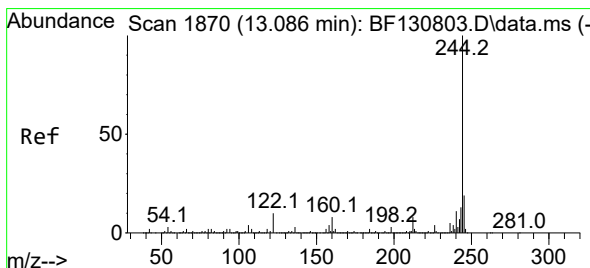
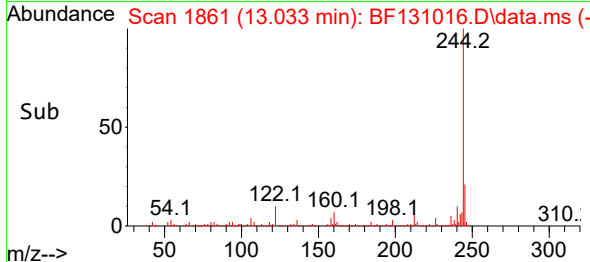
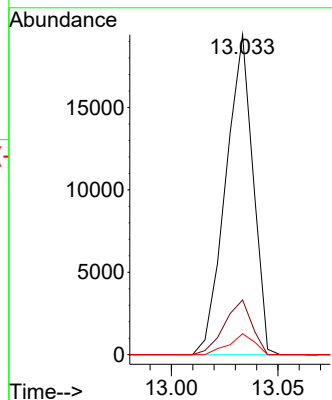
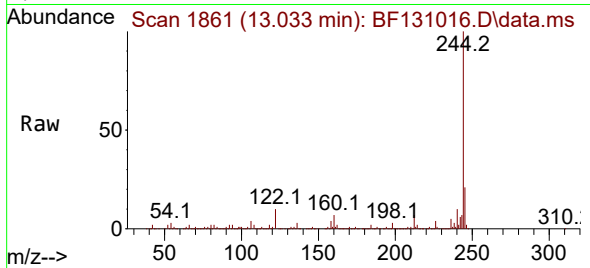




#77
Benzidine
Concen: 2.700 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.253 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

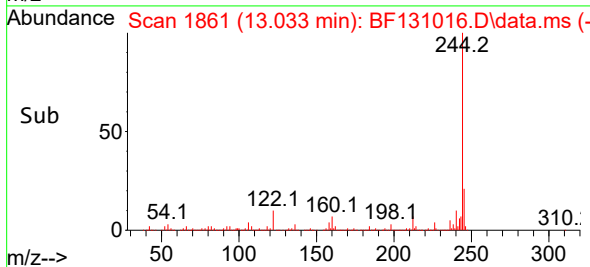
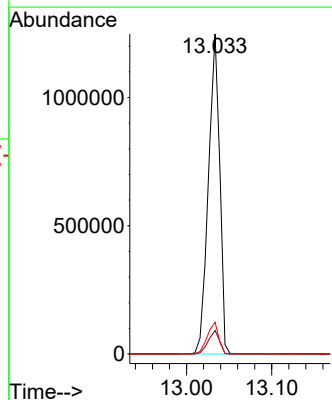
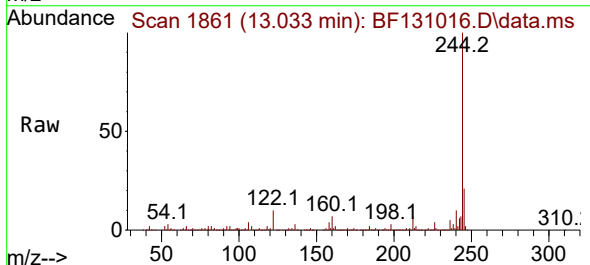
Instrument :
BNA_F
ClientSampleId :
PB148770TB

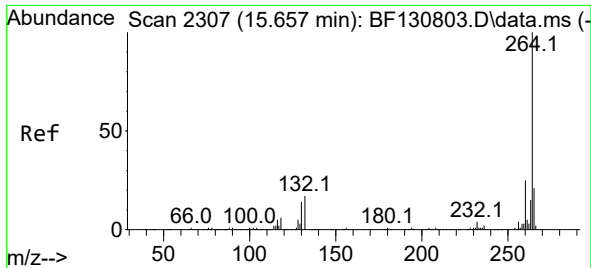
Tgt Ion:184 Resp: 17299
Ion Ratio Lower Upper
184 100
185 17.1 11.8 17.8
183 6.5 9.7 14.5#



#79
Terphenyl-d14
Concen: 79.733 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF131016.D
Acq: 05 Nov 2022 13:05

Tgt Ion:244 Resp: 1148348
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 9.9 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131016.D
 Acq: 05 Nov 2022 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB148770TB

Tgt Ion:264 Resp: 189449
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.9 29.9
 265 21.5 17.0 25.6

