

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131439.D
 Acq On : 28 Nov 2022 20:27
 Operator : CG\JU
 Sample : N5741-05DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23DL

Quant Time: Nov 29 00:58:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

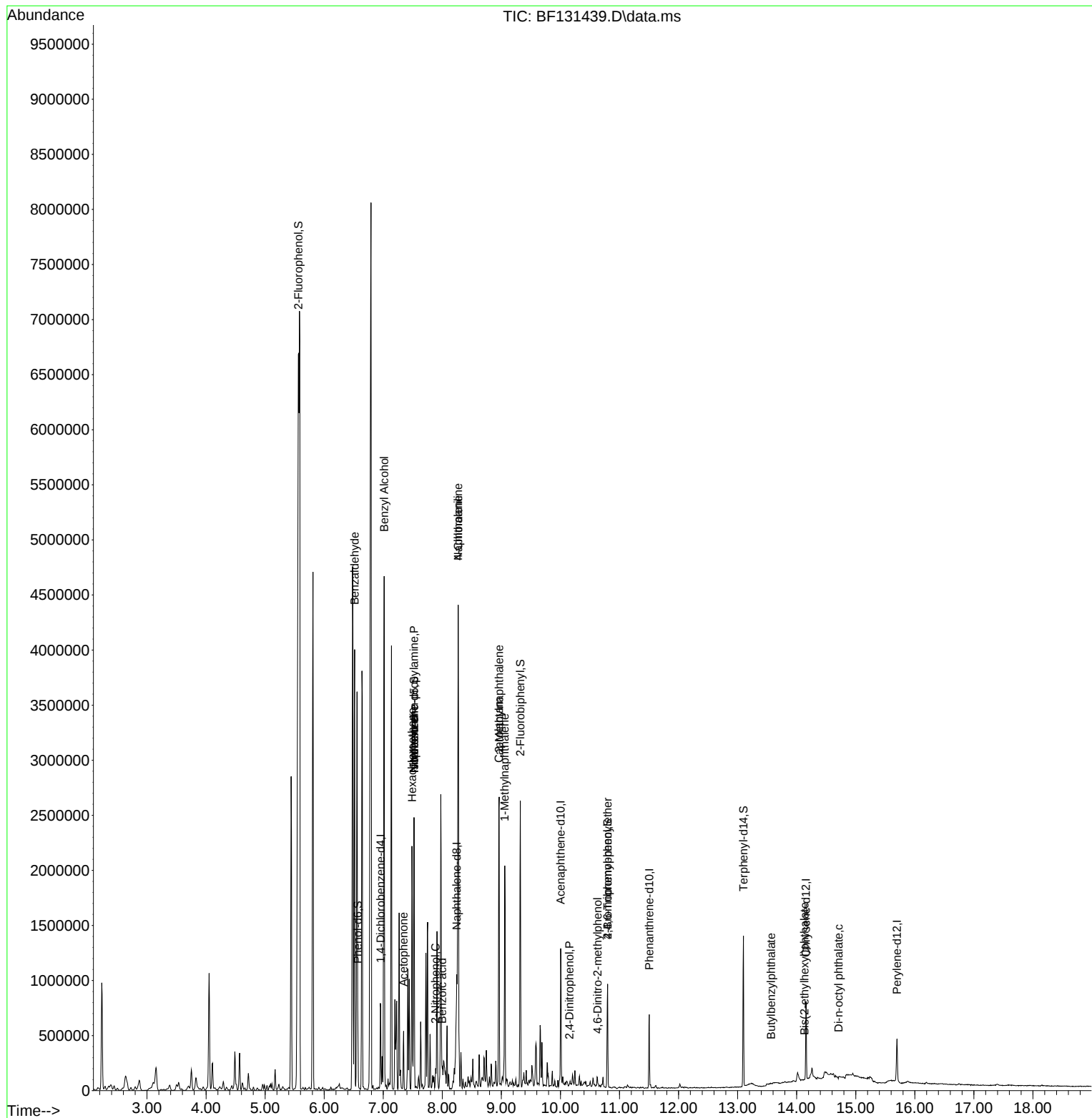
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	115117	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	402826	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	237911	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	242458	20.000	ng	0.00
76) Chrysene-d12	14.157	240	251385	20.000	ng	#-0.01
86) Perylene-d12	15.698	264	182170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	168056	27.785	ng	0.00
7) Phenol-d6	6.569	99	205453	26.623	ng	0.00
23) Nitrobenzene-d5	7.522	82	349031	43.677	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	100381	50.151	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	743185	45.446	ng	0.00
79) Terphenyl-d14	13.098	244	451688	29.382	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	163052	32.899	ng	# 1
15) Benzyl Alcohol	7.016	79	142999	22.599	ng	# 11
18) Hexachloroethane	7.487	117	169534	57.109	ng	# 1
19) n-Nitroso-di-n-propyla...	7.522	70	46689	8.264	ng	# 76
22) Acetophenone	7.345	105	181581	17.709	ng	# 53
24) Nitrobenzene	7.522	77	25040	3.007	ng	# 1
25) Isophorone	7.522	82	346706	24.318	ng	# 68
26) 2-Nitrophenol	7.887	139	67	3.609	ng	# 1
31) Naphthalene	8.269	128	1993034	92.844	ng	99
32) Benzoic acid	7.998	122	5050	6.841	ng	# 4
33) 4-Chloroaniline	8.269	127	272859	32.220	ng	# 31
35) Caprolactam	8.957	113	16951	10.760	ng	# 1
37) 2-Methylnaphthalene	8.963	142	731810	50.314	ng	98
38) 1-Methylnaphthalene	9.057	142	492076	34.889	ng	100
54) 2,4-Dinitrophenol	10.151	184	58	4.944	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.628	198	159	4.744	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	6800	2.288	ng	# 1
80) Butylbenzylphthalate	13.569	149	162	4.163	ng	# 6
84) Bis(2-ethylhexyl)phtha...	14.133	149	507	3.796	ng	# 45
85) Di-n-octyl phthalate	14.710	149	264	3.923	ng	# 1

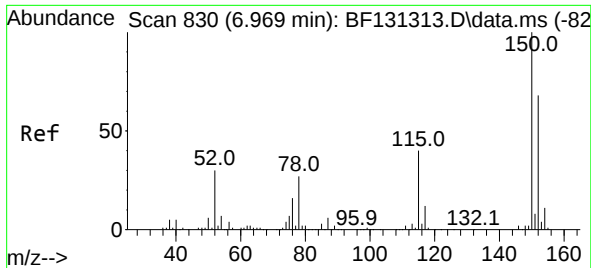
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:18:36 2022
Response via : Initial Calibration

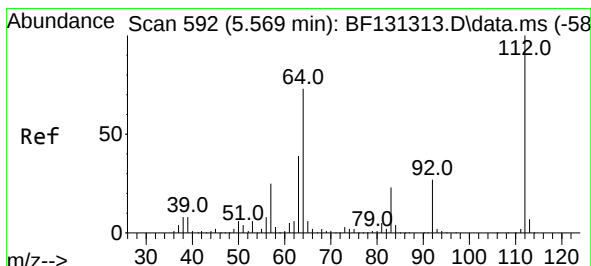
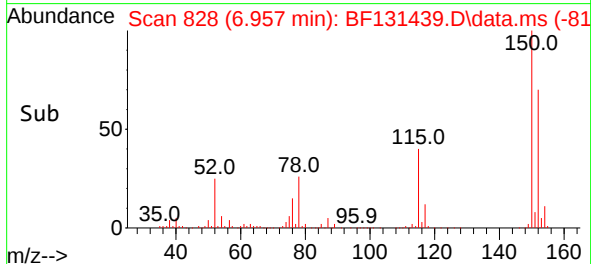
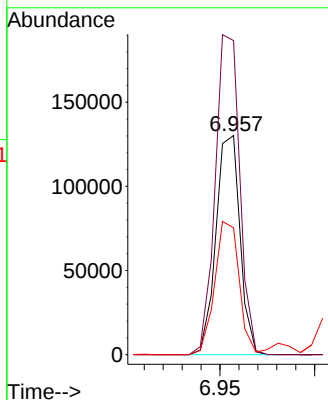
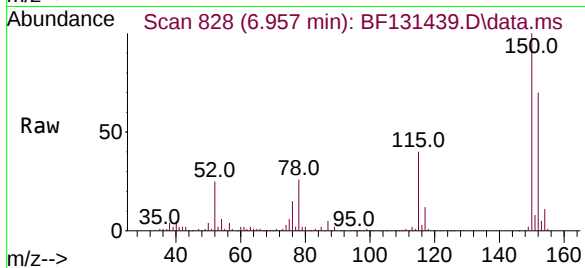




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

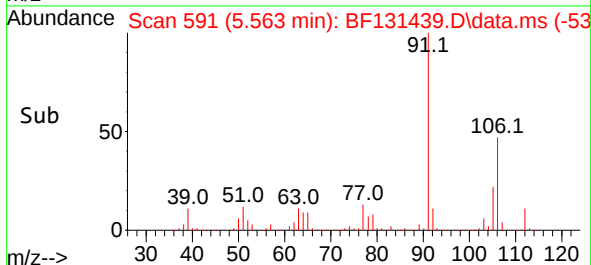
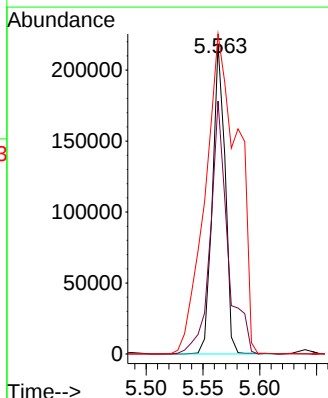
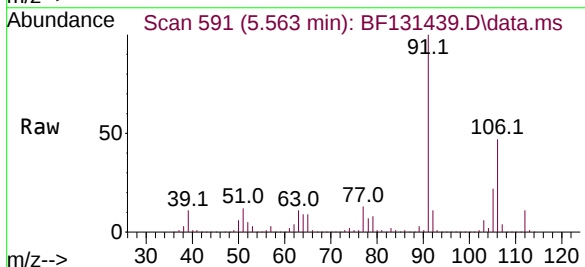
Instrument :
BNA_F
ClientSampleId :
MW-23DL

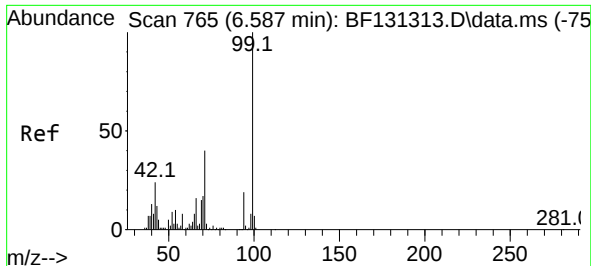
Tgt Ion:152 Resp: 115117
Ion Ratio Lower Upper
152 100
150 143.3 117.8 176.8
115 57.9 47.1 70.7



#5
2-Fluorophenol
Concen: 27.785 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

Tgt Ion:112 Resp: 168056
Ion Ratio Lower Upper
112 100
64 81.7 58.6 88.0
63 103.4 31.4 47.0#





#7

Phenol-d6

Concen: 26.623 ng

RT: 6.569 min Scan# 762

Delta R.T. -0.006 min

Lab File: BF131439.D

Acq: 28 Nov 2022 20:27

Instrument :

BNA_F

ClientSampleId :

MW-23DL

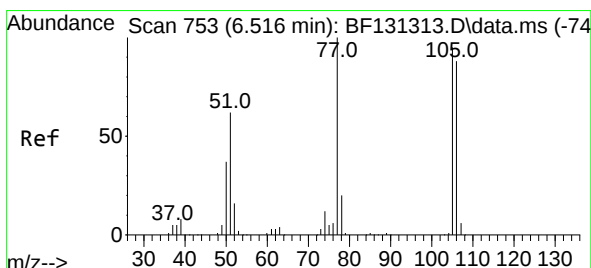
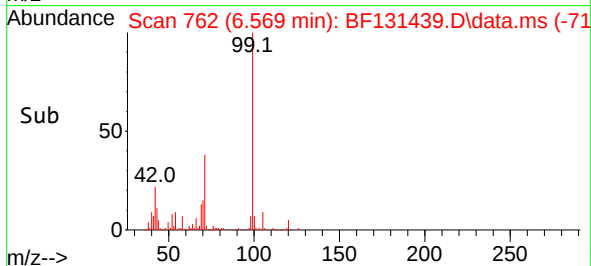
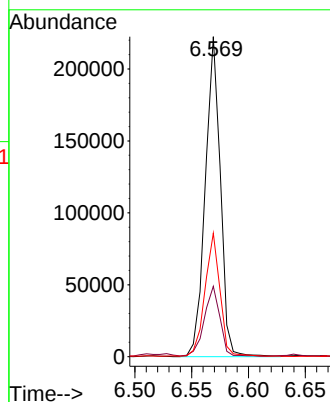
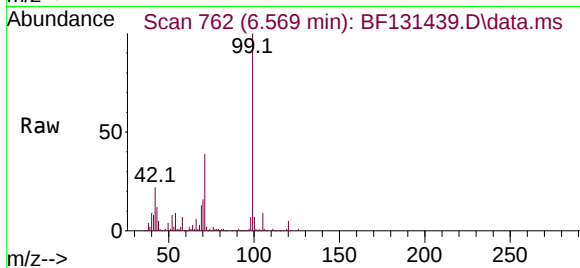
Tgt Ion: 99 Resp: 205453

Ion Ratio Lower Upper

99 100

42 22.0 19.4 29.2

71 38.6 32.3 48.5



#9

Benzaldehyde

Concen: 32.899 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.012 min

Lab File: BF131439.D

Acq: 28 Nov 2022 20:27

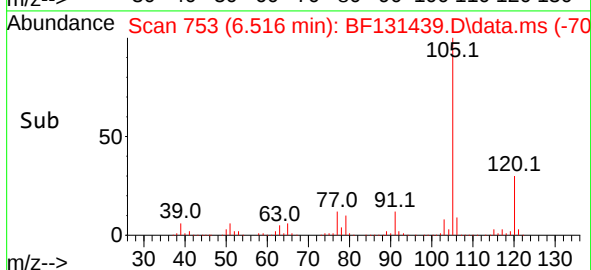
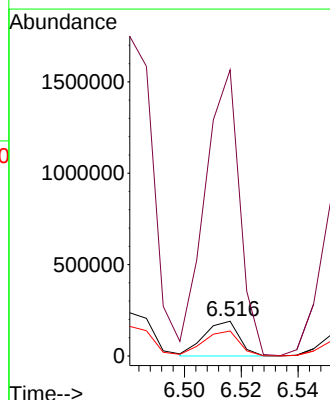
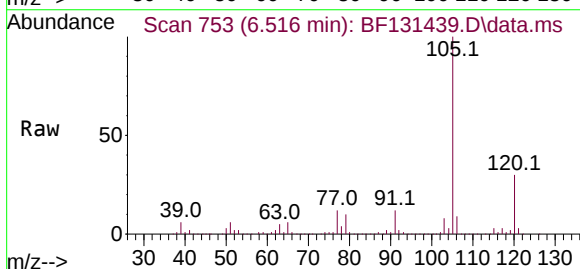
Tgt Ion: 77 Resp: 163052

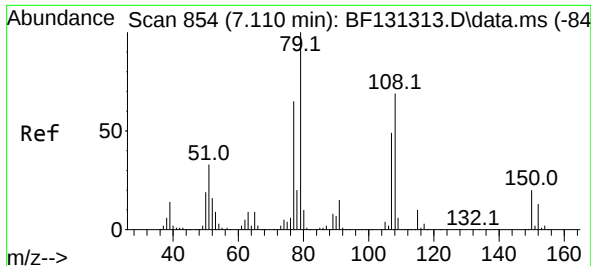
Ion Ratio Lower Upper

77 100

105 823.1 74.5 114.5#

106 71.7 68.1 108.1

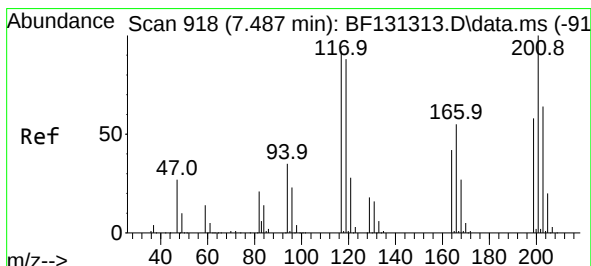
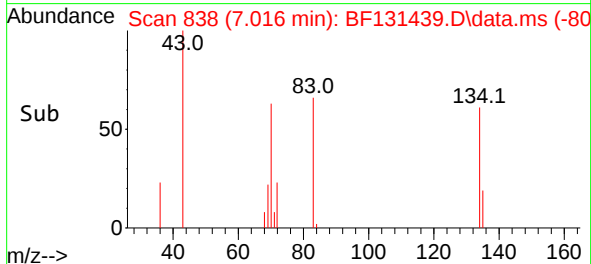
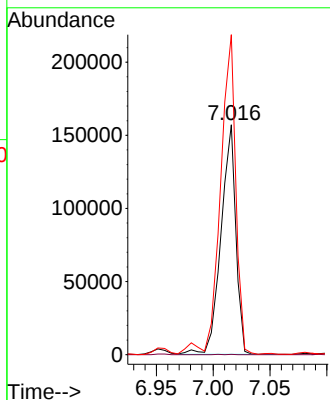
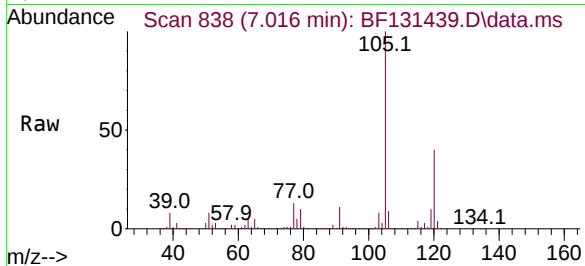




#15
Benzyl Alcohol
Concen: 22.599 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.077 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

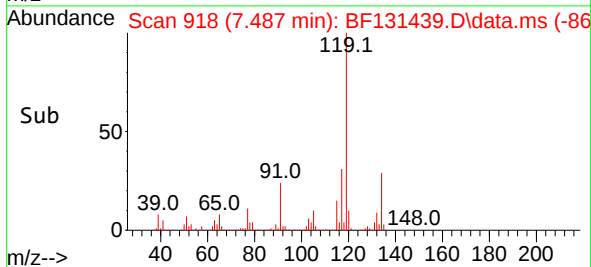
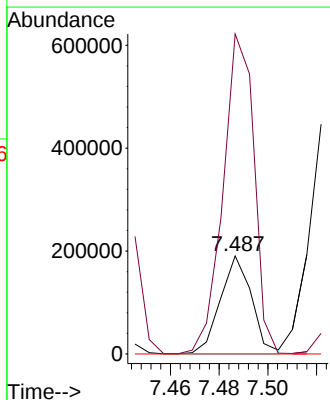
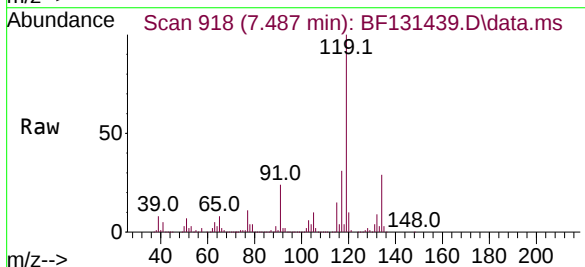
Instrument :
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ClientSampleId :
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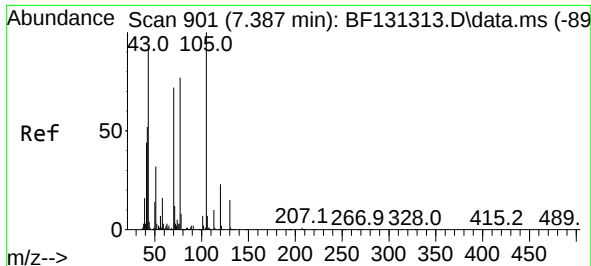
Tgt Ion: 79 Resp: 142999
Ion Ratio Lower Upper
79 100
108 0.1 55.1 82.7#
77 139.2 51.8 77.8#



#18
Hexachloroethane
Concen: 57.109 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.018 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

Tgt Ion: 117 Resp: 169534
Ion Ratio Lower Upper
117 100
119 326.4 76.6 115.0#
201 0.0 87.0 130.6#

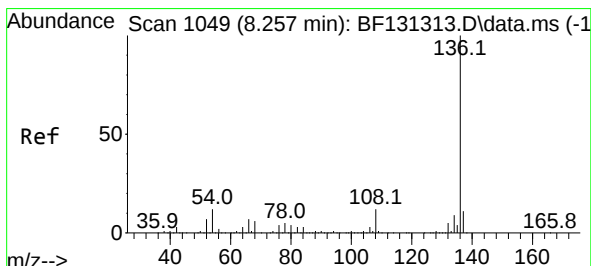
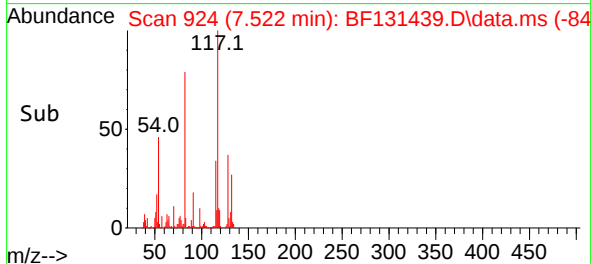
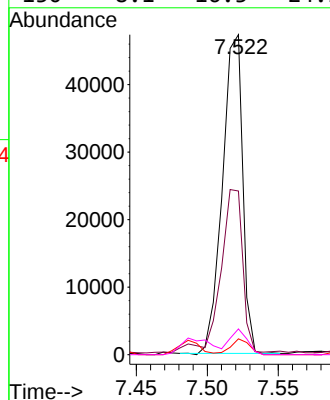
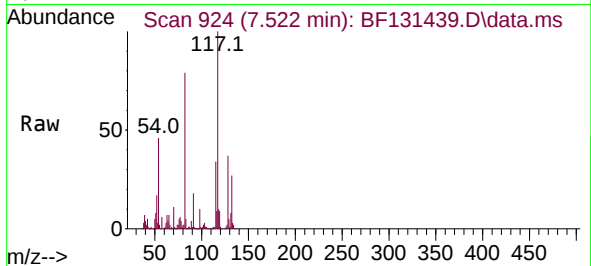




#19
n-Nitroso-di-n-propylamine
Concen: 8.264 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

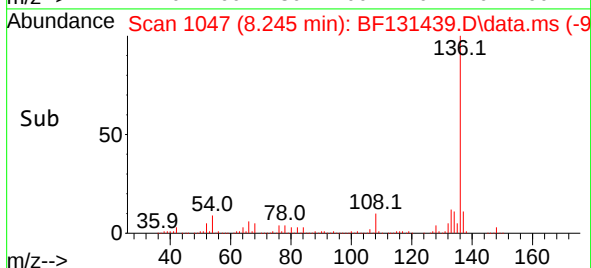
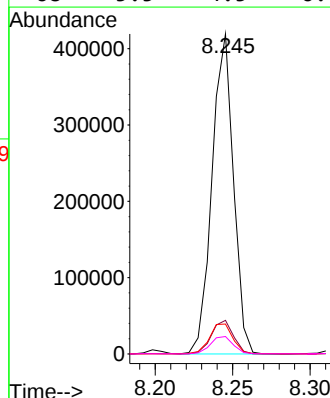
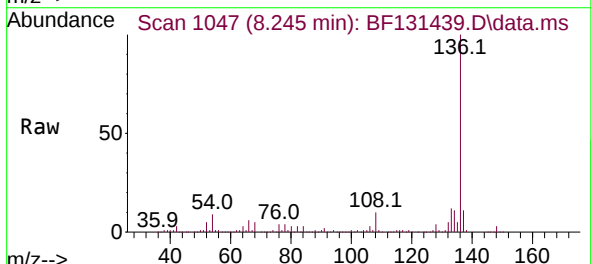
Instrument :
BNA_F
ClientSampleId :
MW-23DL

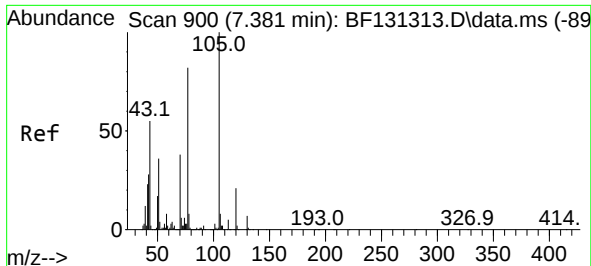
Tgt Ion: 70 Resp: 46689
Ion Ratio Lower Upper
70 100
42 51.1 57.6 86.4#
101 4.9 8.2 12.2#
130 8.1 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

Tgt Ion: 136 Resp: 402826
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 9.4 9.4 14.0#
68 5.5 4.5 6.7

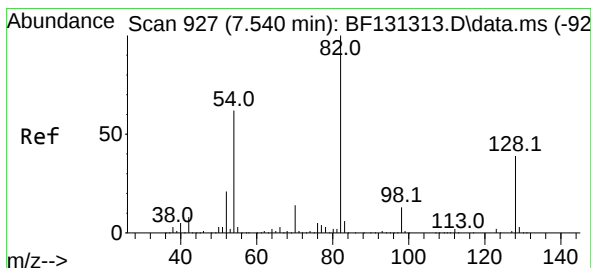
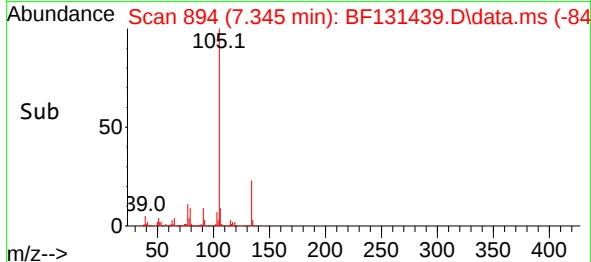
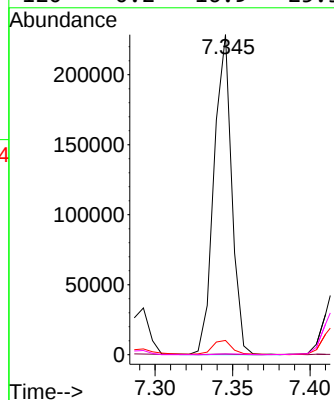
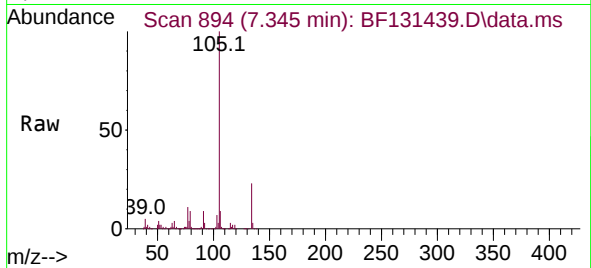




#22
Acetophenone
Concen: 17.709 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.024 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

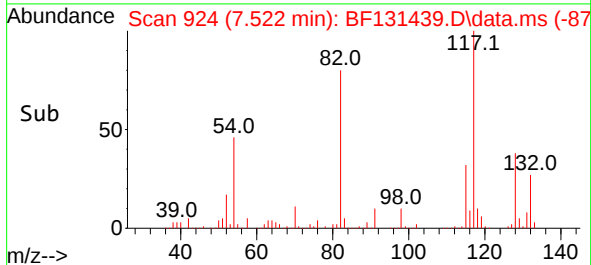
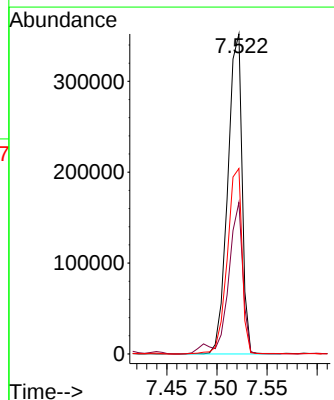
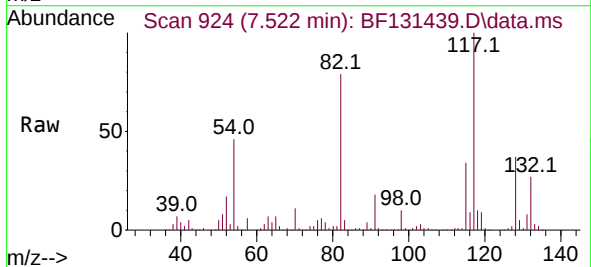
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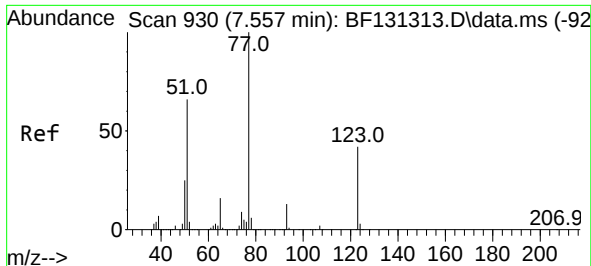
Tgt Ion:105 Resp: 181581
Ion Ratio Lower Upper
105 100
71 0.2 4.9 7.3#
51 4.5 29.0 43.4#
120 0.2 16.9 25.3#



#23
Nitrobenzene-d5
Concen: 43.677 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.006 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

Tgt Ion: 82 Resp: 349031
Ion Ratio Lower Upper
82 100
128 47.3 31.4 47.0#
54 58.0 49.8 74.6

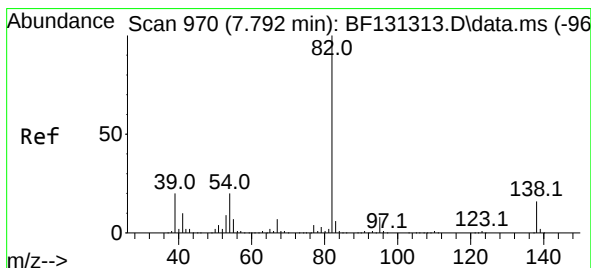
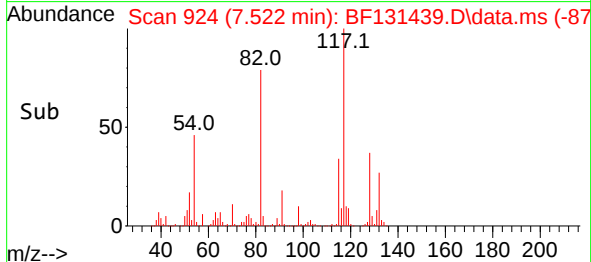
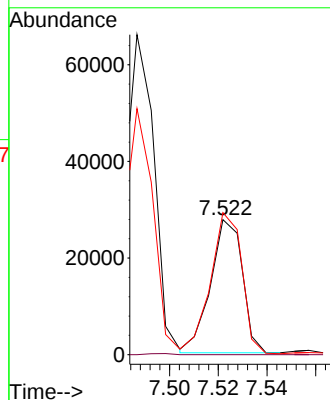
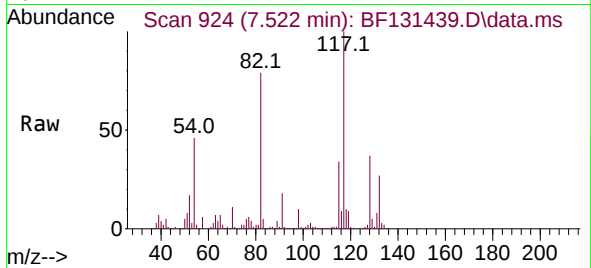




#24
Nitrobenzene
Concen: 3.007 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.024 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

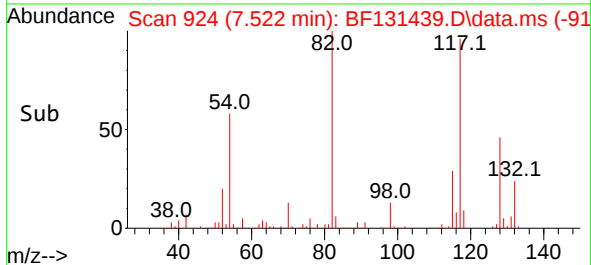
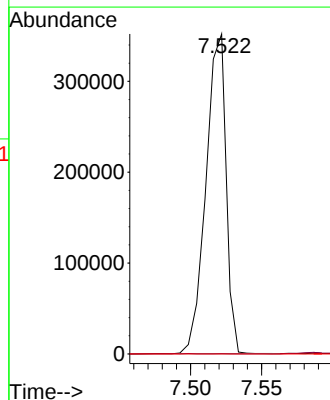
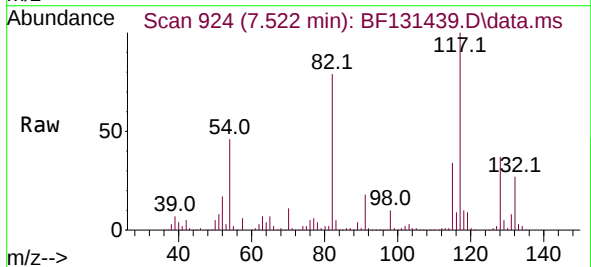
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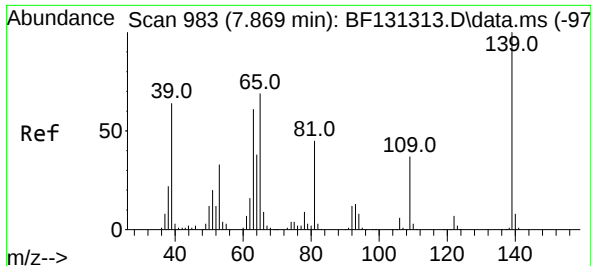
Tgt Ion: 77 Resp: 25040
Ion Ratio Lower Upper
77 100
123 0.0 33.3 49.9#
65 105.1 12.7 19.1#



#25
Isophorone
Concen: 24.318 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.259 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

Tgt Ion: 82 Resp: 346706
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.2#
138 0.0 12.7 19.1#

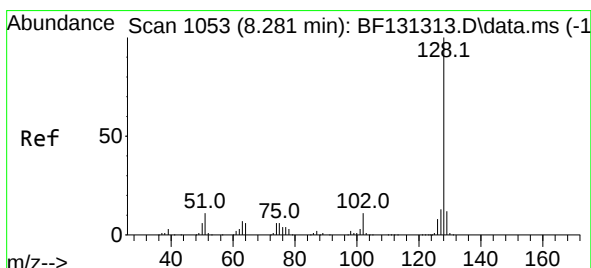
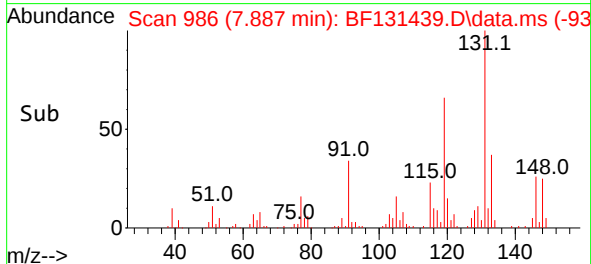
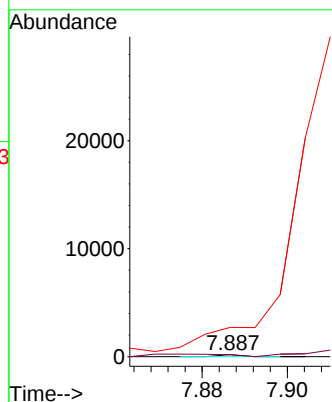
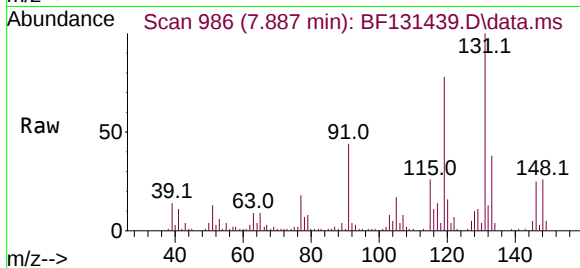




#26
2-Nitrophenol
Concen: 3.609 ng
RT: 7.887 min Scan# 91
Delta R.T. 0.029 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

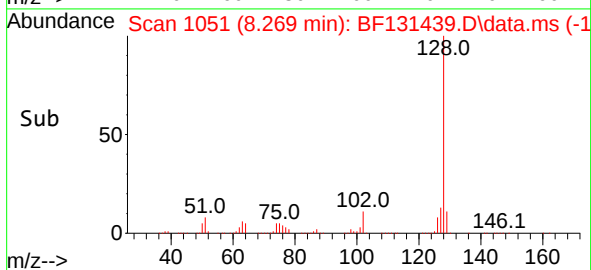
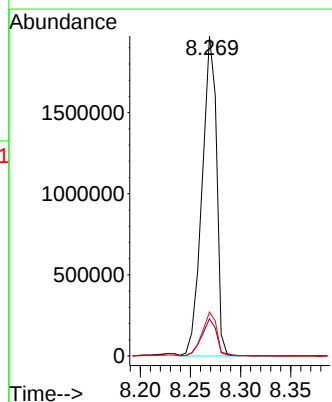
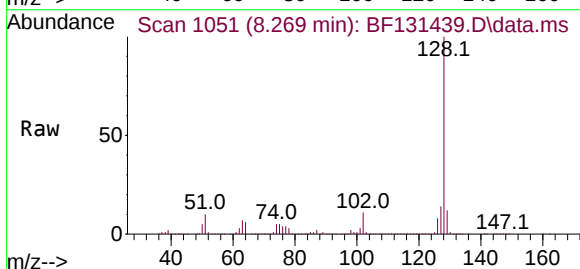
Instrument :
BNA_F
ClientSampleId :
MW-23DL

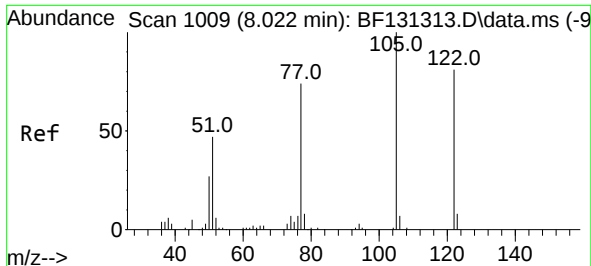
Tgt Ion:139 Resp: 67
Ion Ratio Lower Upper
139 100
109 90.6 29.9 44.9#
65 1420.9 55.7 83.5#



#31
Naphthalene
Concen: 92.844 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

Tgt Ion:128 Resp: 1993034
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.7 10.6 16.0





#32

Benzoic acid

Concen: 6.841 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF131439.D

Acq: 28 Nov 2022 20:27

Instrument :

BNA_F

ClientSampleId :

MW-23DL

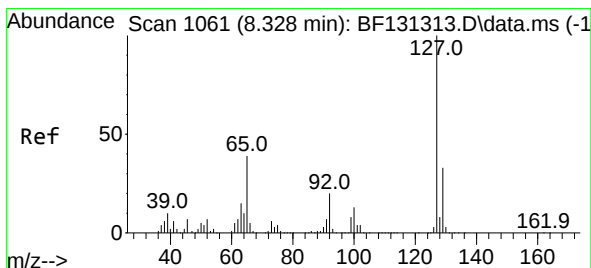
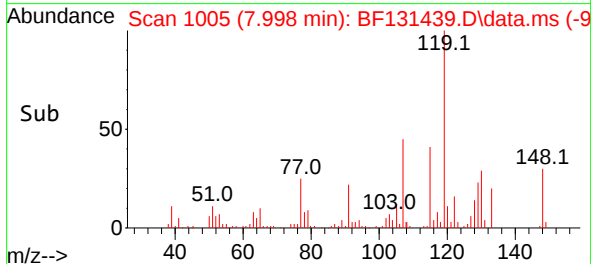
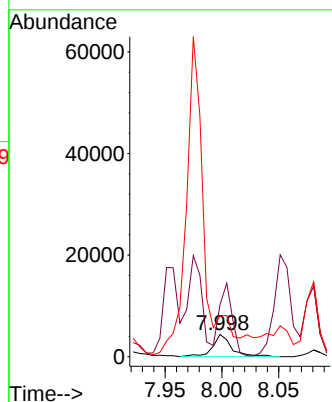
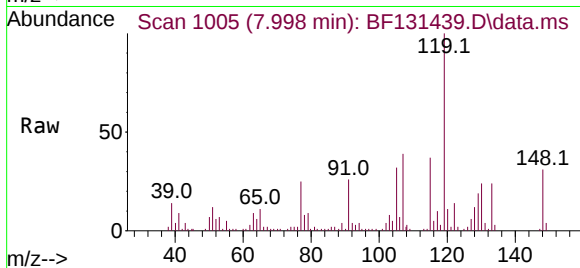
Tgt Ion:122 Resp: 5050

Ion Ratio Lower Upper

122 100

105 235.2 103.8 143.8#

77 184.4 74.3 114.3#



#33

4-Chloroaniline

Concen: 32.220 ng

RT: 8.269 min Scan# 1051

Delta R.T. -0.047 min

Lab File: BF131439.D

Acq: 28 Nov 2022 20:27

Tgt Ion:127 Resp: 272859

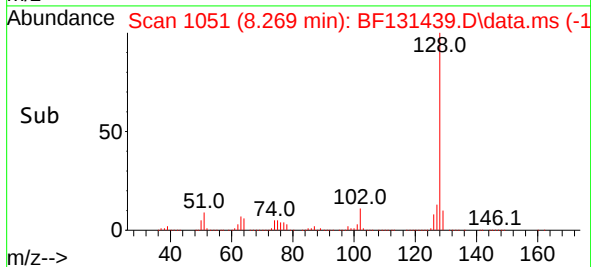
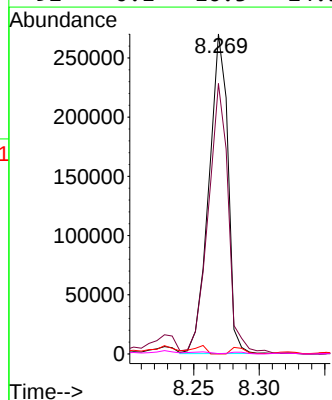
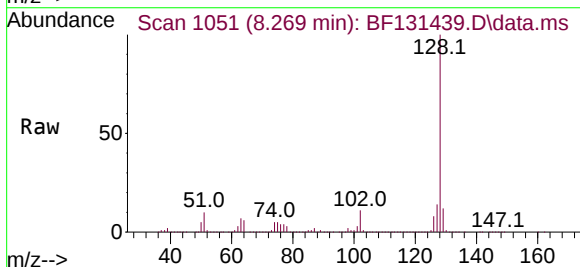
Ion Ratio Lower Upper

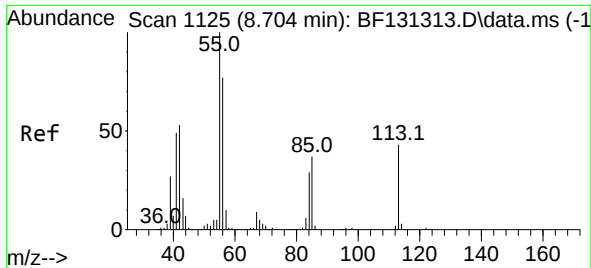
127 100

129 84.5 26.4 39.6#

65 0.0 31.0 46.6#

92 0.1 16.3 24.5#

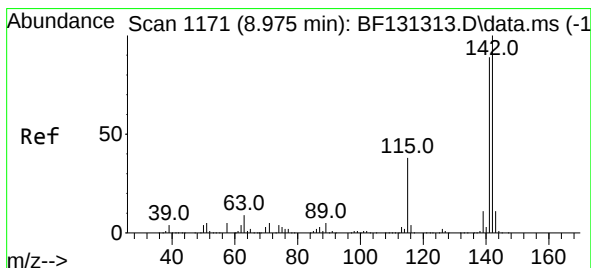
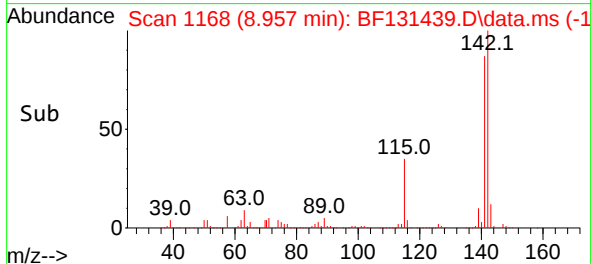
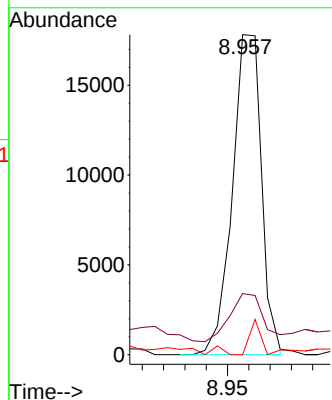
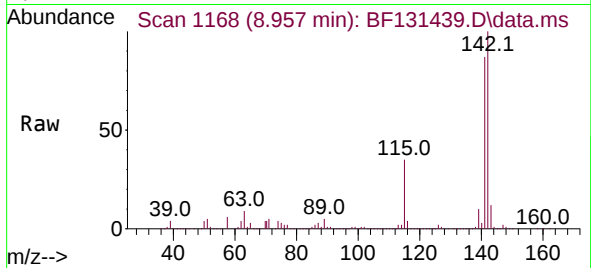




#35
 Caprolactam
 Concen: 10.760 ng
 RT: 8.957 min Scan# 1168
 Delta R.T. 0.259 min
 Lab File: BF131439.D
 Acq: 28 Nov 2022 20:27

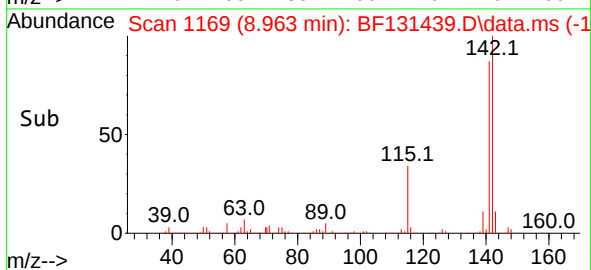
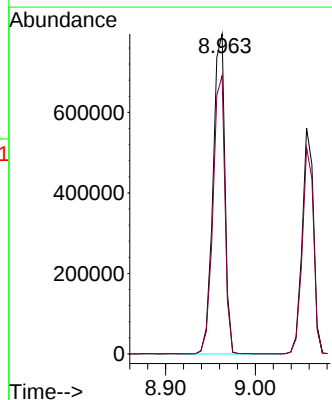
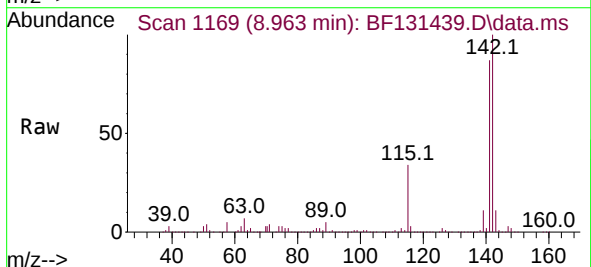
Instrument :
 BNA_F
 ClientSampleId :
 MW-23DL

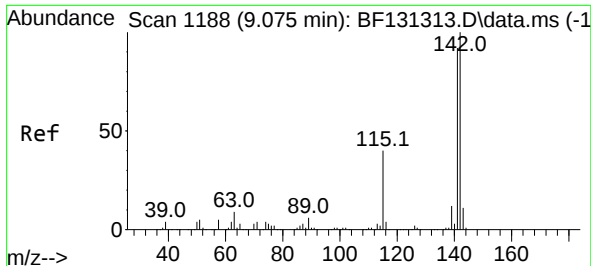
Tgt Ion:113 Resp: 16951
 Ion Ratio Lower Upper
 113 100
 55 19.1 214.5 254.5#
 56 0.0 159.4 199.4#



#37
 2-Methylnaphthalene
 Concen: 50.314 ng
 RT: 8.963 min Scan# 1169
 Delta R.T. -0.000 min
 Lab File: BF131439.D
 Acq: 28 Nov 2022 20:27

Tgt Ion:142 Resp: 731810
 Ion Ratio Lower Upper
 142 100
 141 87.0 71.0 106.4

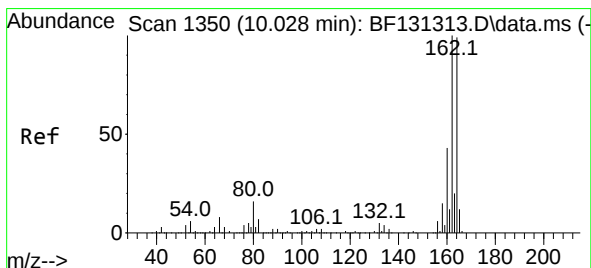
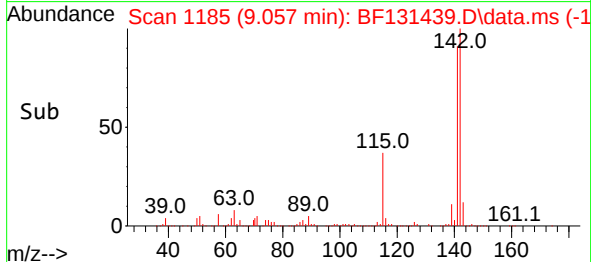
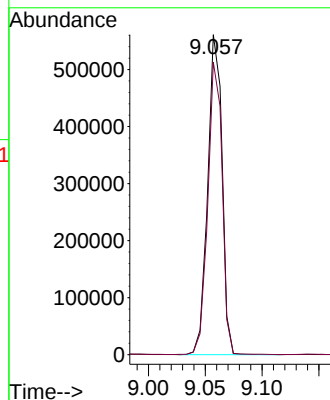
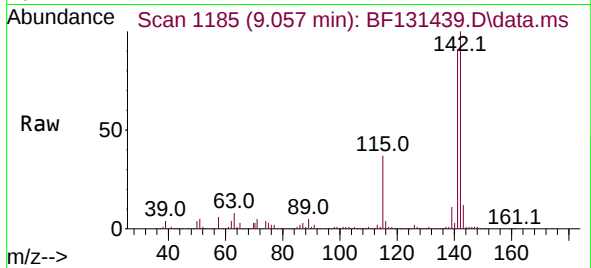




#38
1-Methylnaphthalene
Concen: 34.889 ng
RT: 9.057 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

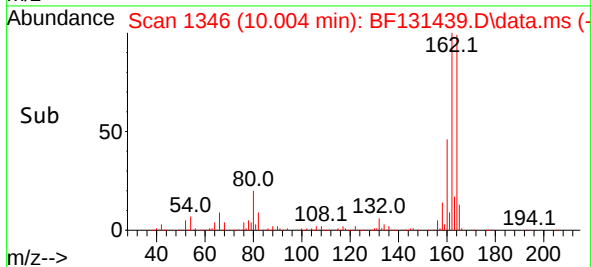
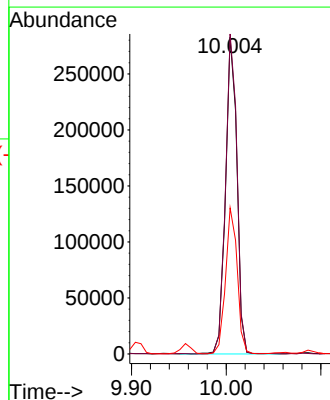
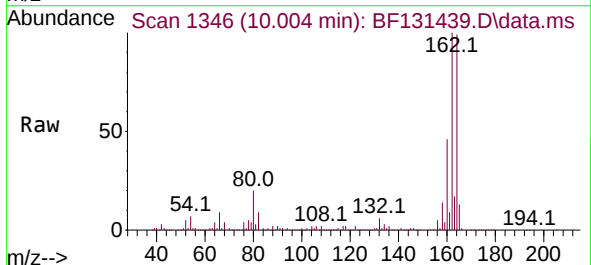
Instrument :
BNA_F
ClientSampleId :
MW-23DL

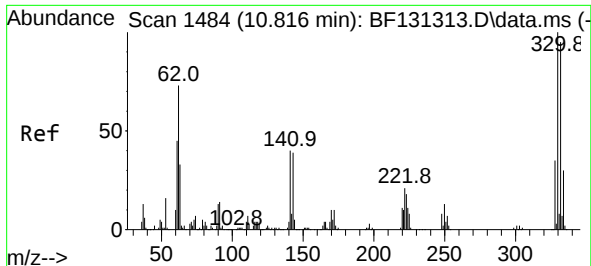
Tgt Ion:142 Resp: 492076
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

Tgt Ion:164 Resp: 237911
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 46.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 50.151 ng

RT: 10.798 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BF131439.D

Acq: 28 Nov 2022 20:27

Instrument :

BNA_F

ClientSampleId :

MW-23DL

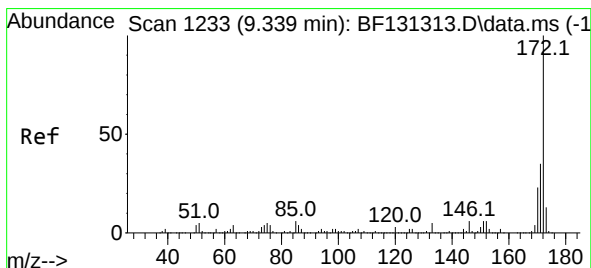
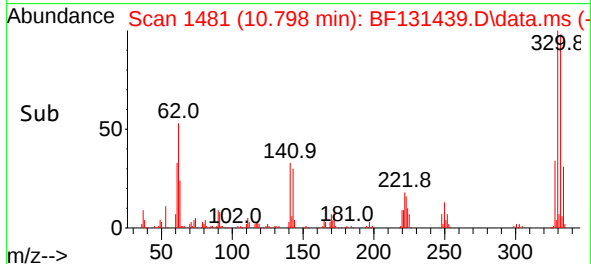
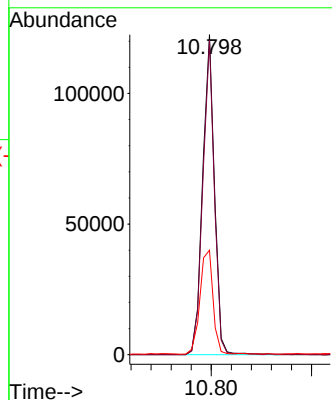
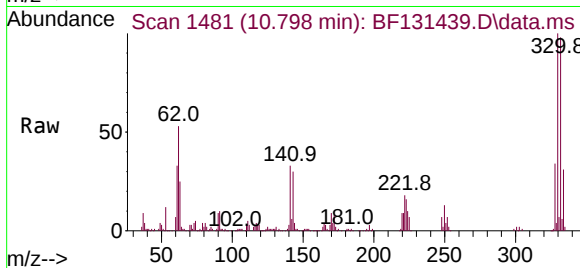
Tgt Ion:330 Resp: 100381

Ion Ratio Lower Upper

330 100

332 95.9 77.5 116.3

141 35.8 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 45.446 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131439.D

Acq: 28 Nov 2022 20:27

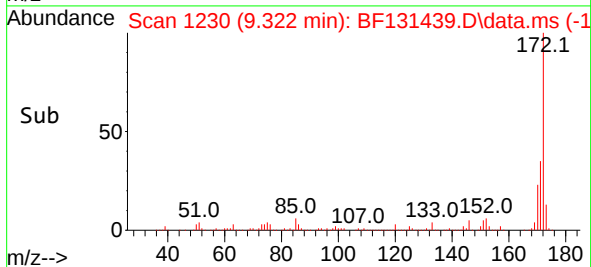
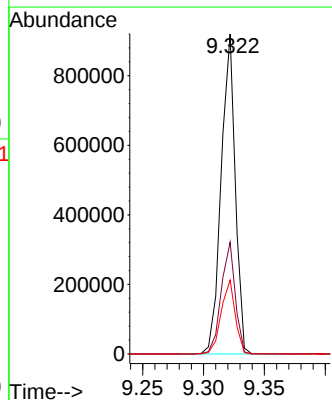
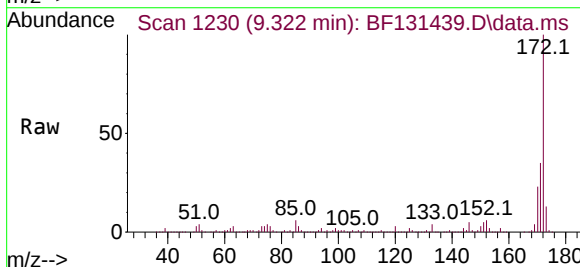
Tgt Ion:172 Resp: 743185

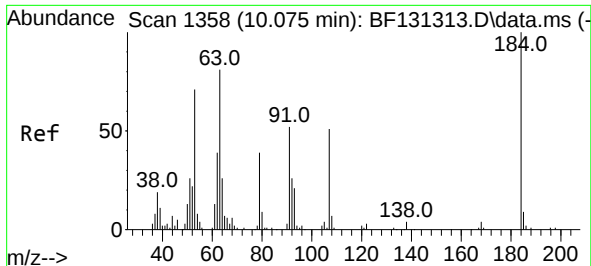
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.1 18.7 28.1

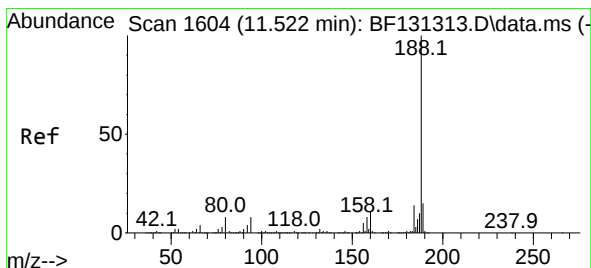
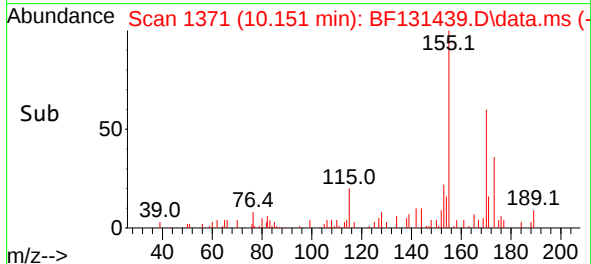
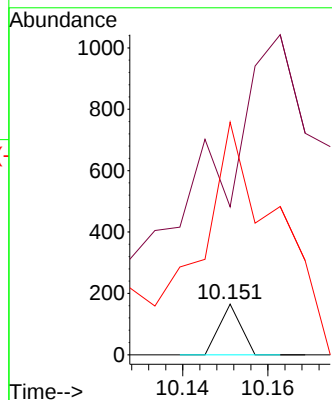
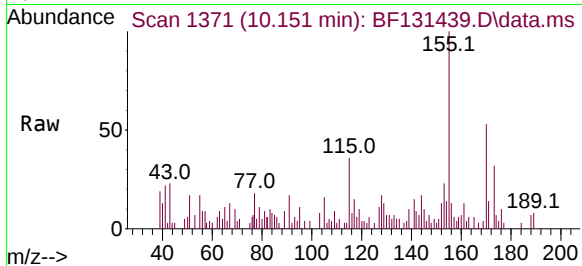




#54
2,4-Dinitrophenol
Concen: 4.944 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

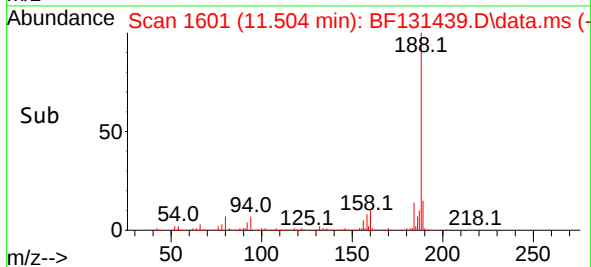
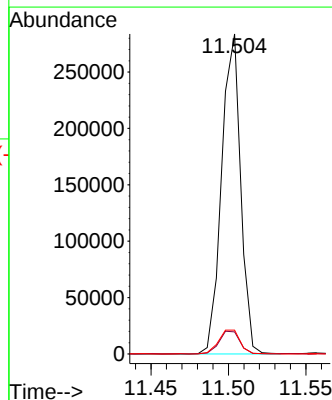
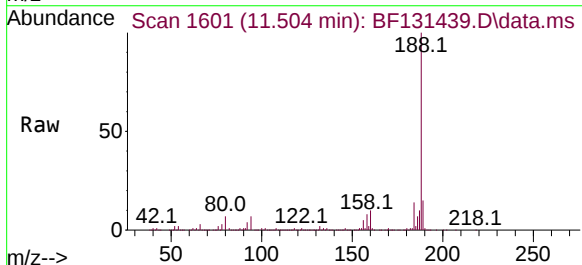
Instrument :
BNA_F
ClientSampleId :
MW-23DL

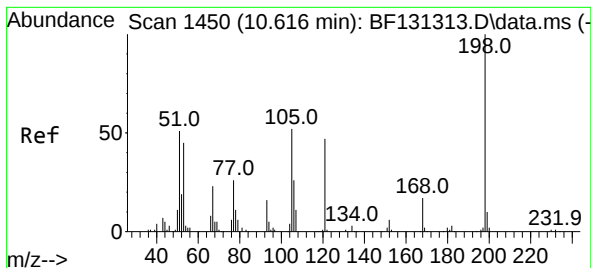
Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 292.1 72.1 108.1#
154 459.4 56.3 84.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

Tgt Ion:188 Resp: 242458
Ion Ratio Lower Upper
188 100
94 6.9 6.3 9.5
80 7.5 6.8 10.2

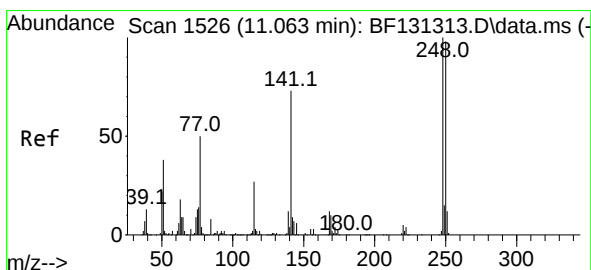
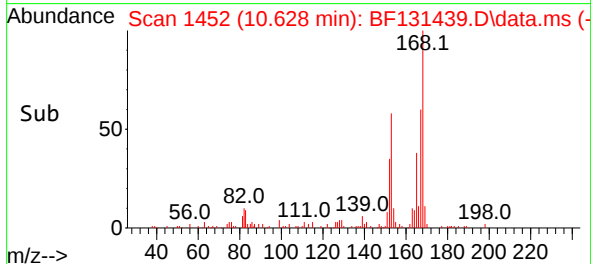
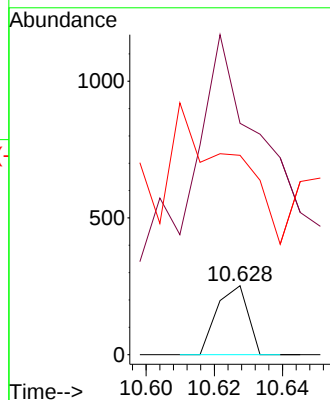
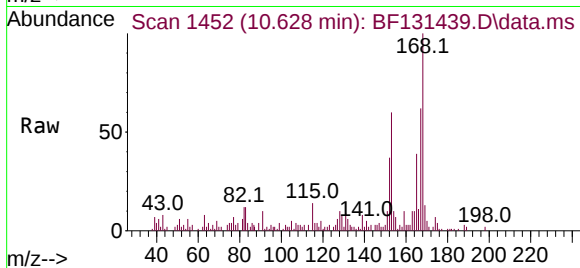




#65
4,6-Dinitro-2-methylphenol
Concen: 4.744 ng
RT: 10.628 min Scan# 1450
Delta R.T. 0.023 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

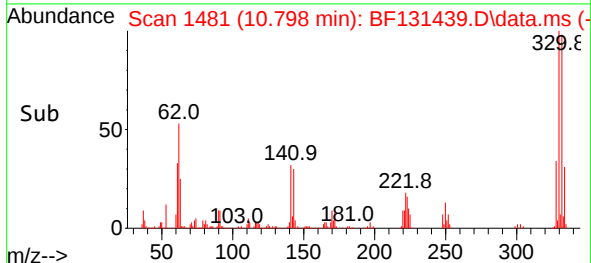
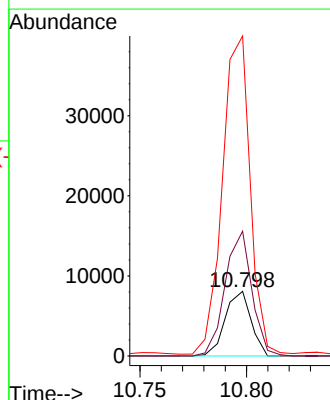
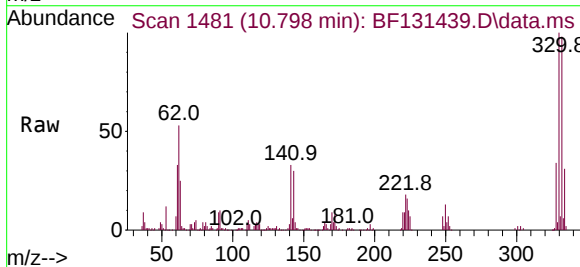
Instrument :
BNA_F
ClientSampleId :
MW-23DL

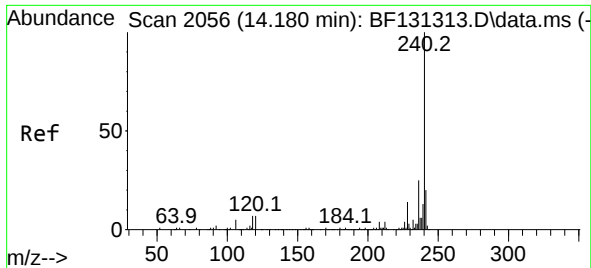
Tgt Ion:198 Resp: 159
Ion Ratio Lower Upper
198 100
51 335.7 50.1 90.1#
105 289.3 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 2.288 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.247 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

Tgt Ion:248 Resp: 6800
Ion Ratio Lower Upper
248 100
250 193.3 78.3 117.5#
141 495.3 58.0 87.0#

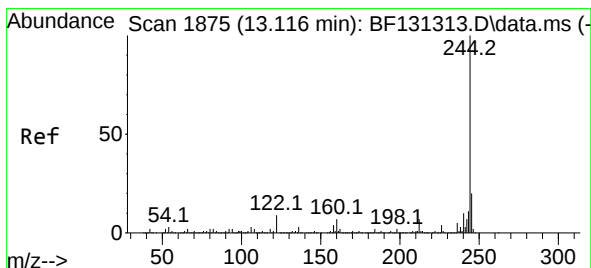
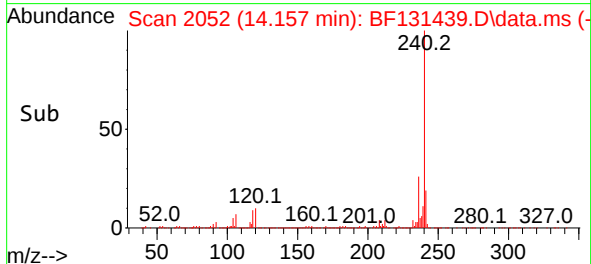
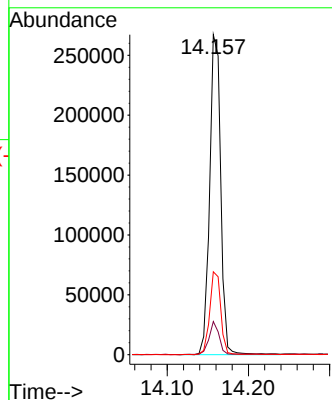
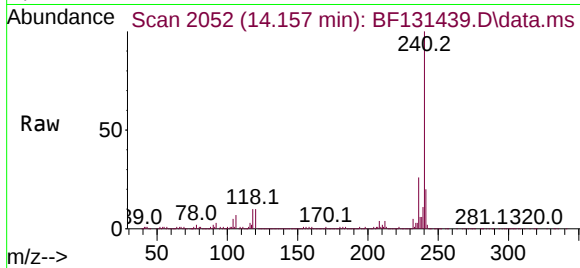




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

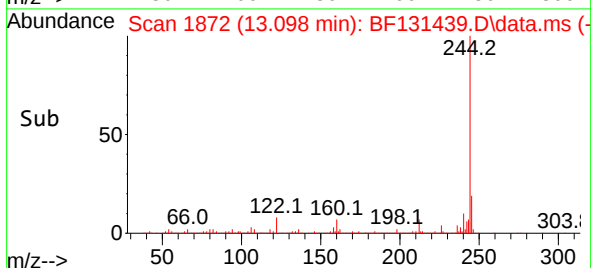
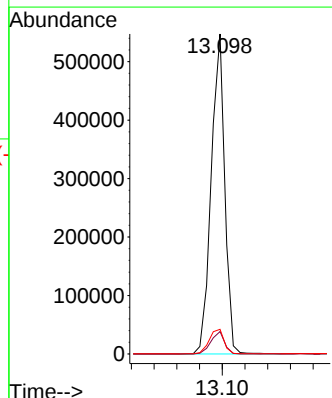
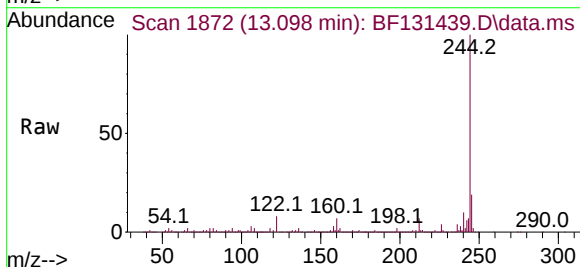
Instrument :
BNA_F
ClientSampleId :
MW-23DL

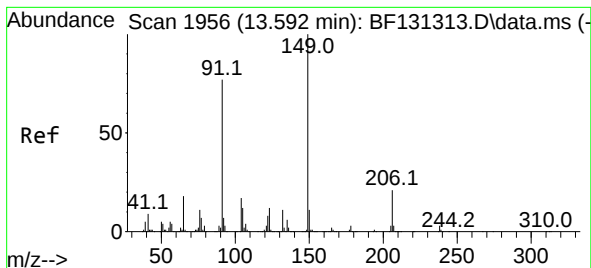
Tgt Ion:240 Resp: 251385
Ion Ratio Lower Upper
240 100
120 10.4 5.8 8.8#
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 29.382 ng
RT: 13.098 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BF131439.D
Acq: 28 Nov 2022 20:27

Tgt Ion:244 Resp: 451688
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 7.7 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.163 ng

RT: 13.569 min Scan# 1956

Delta R.T. -0.012 min

Lab File: BF131439.D

Acq: 28 Nov 2022 20:27

Instrument :

BNA_F

ClientSampleId :

MW-23DL

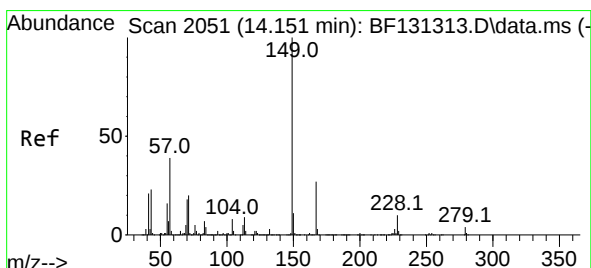
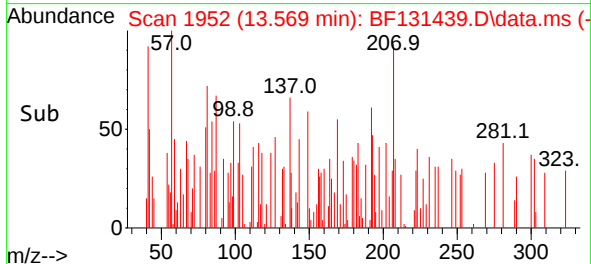
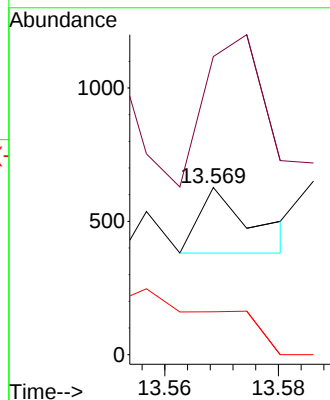
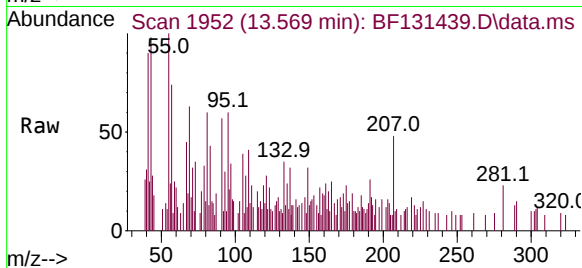
Tgt Ion:149 Resp: 162

Ion Ratio Lower Upper

149 100

91 178.3 61.9 92.9#

206 25.7 16.5 24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.796 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BF131439.D

Acq: 28 Nov 2022 20:27

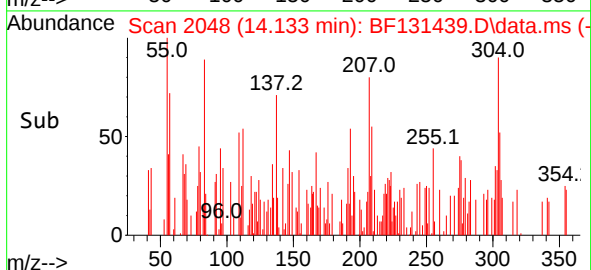
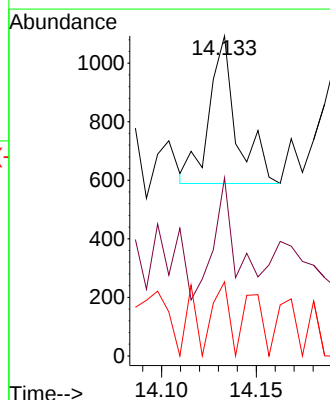
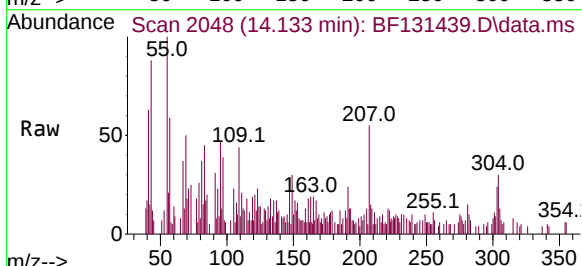
Tgt Ion:149 Resp: 507

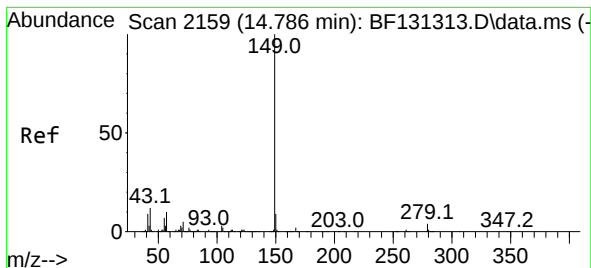
Ion Ratio Lower Upper

149 100

167 55.6 21.9 32.9#

279 23.1 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 3.923 ng

RT: 14.710 min Scan# 2159

Delta R.T. -0.053 min

Lab File: BF131439.D

Acq: 28 Nov 2022 20:27

Instrument :

BNA_F

ClientSampleId :

MW-23DL

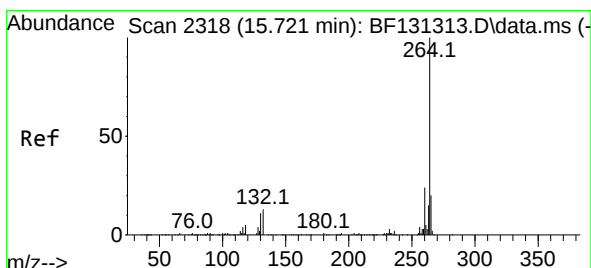
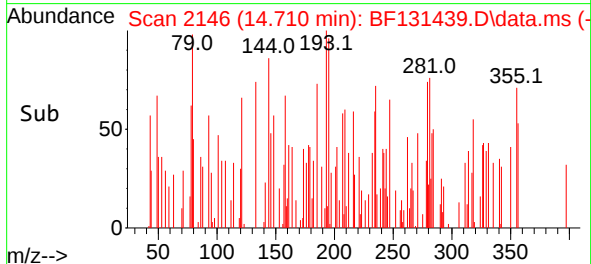
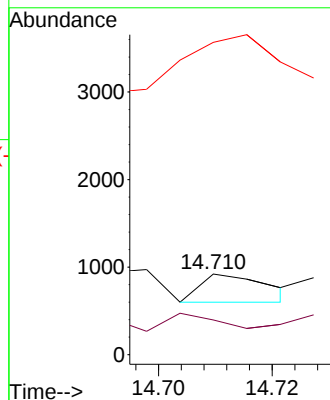
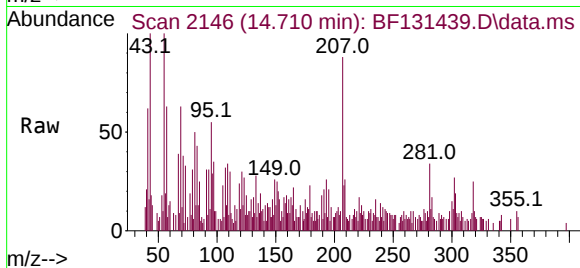
Tgt Ion:149 Resp: 264

Ion Ratio Lower Upper

149 100

167 51.5 1.2 1.8#

43 330.3 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.698 min Scan# 2314

Delta R.T. -0.000 min

Lab File: BF131439.D

Acq: 28 Nov 2022 20:27

Tgt Ion:264 Resp: 182170

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.1 16.4 24.6

