

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131654.D
 Acq On : 15 Dec 2022 17:52
 Operator : CG\JU
 Sample : N6001-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Quant Time: Dec 16 01:53:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

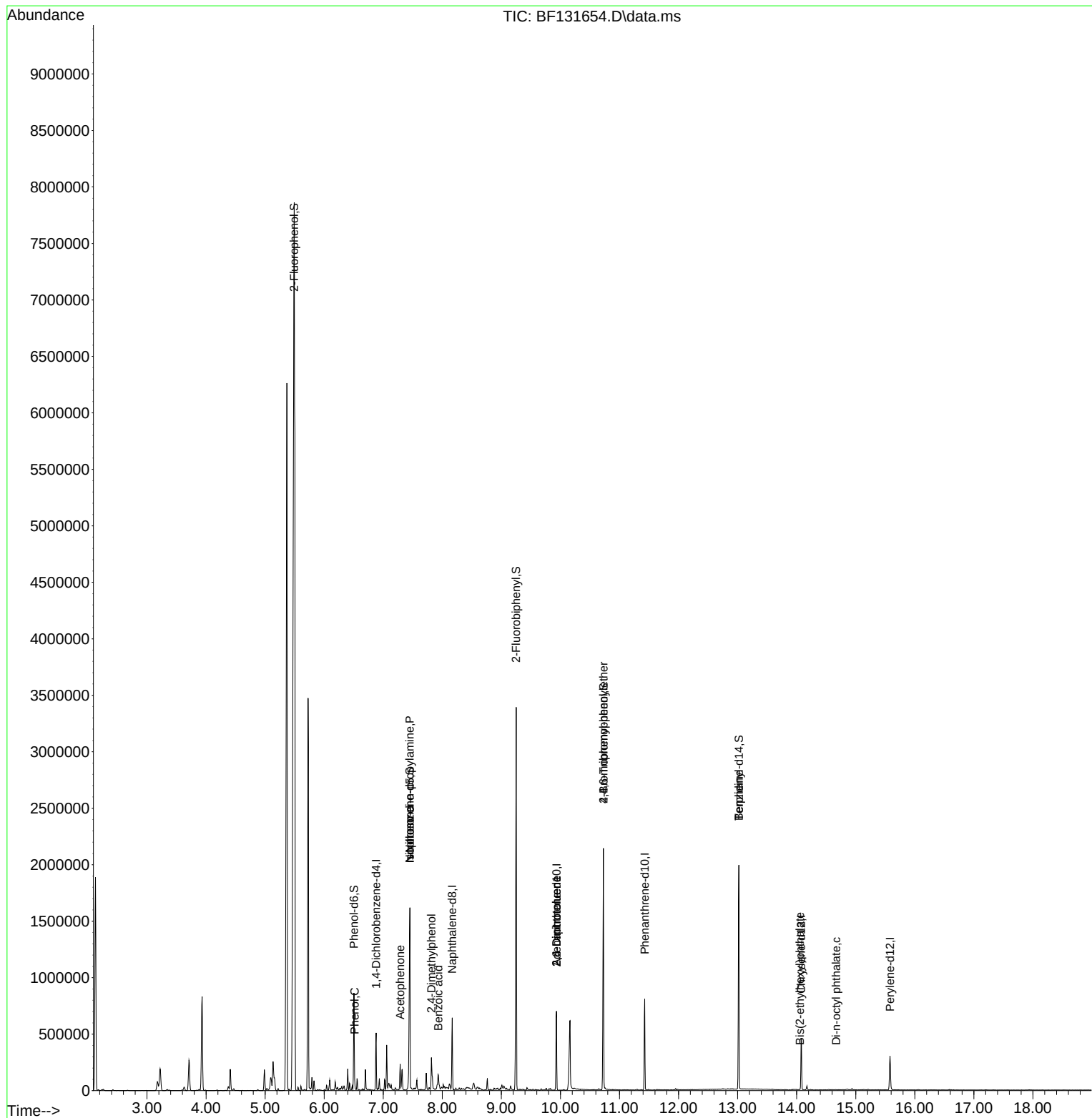
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	66147	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	239539	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	139516	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	271131	20.000	ng	0.00
76) Chrysene-d12	14.074	240	156542	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	144217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	233892	58.990	ng	0.00
7) Phenol-d6	6.504	99	225065	43.317	ng	-0.01
23) Nitrobenzene-d5	7.451	82	553964	87.433	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	216540	139.697	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	952496	86.082	ng	0.00
79) Terphenyl-d14	13.021	244	650209	56.962	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.516	94	12611	2.176	ng	96
19) n-Nitroso-di-n-propyla...	7.451	70	79086	20.299	ng	# 76
22) Acetophenone	7.287	105	51230	6.825	ng	# 91
25) Isophorone	7.451	82	552913	54.178	ng	# 69
27) 2,4-Dimethylphenol	7.816	122	52081	15.592	ng	97
32) Benzoic acid	7.934	122	23912	9.885	ng	# 23
51) 2,6-Dinitrotoluene	9.933	165	17981	8.189	ng	# 11
57) 2,4-Dinitrotoluene	9.933	165	17981	6.173	ng	# 17
67) 4-Bromophenyl-phenylether	10.727	248	15030	4.309	ng	# 1
77) Benzidine	13.021	184	10276	2.450	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.057	149	1248	3.224	ng	# 78
85) Di-n-octyl phthalate	14.668	149	355	5.251	ng	# 20

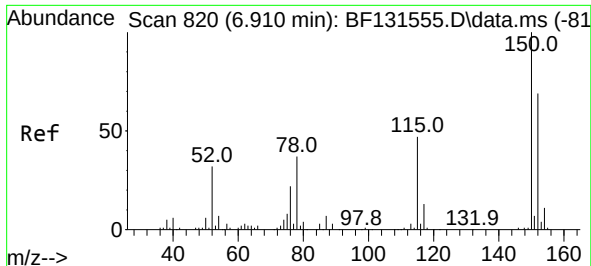
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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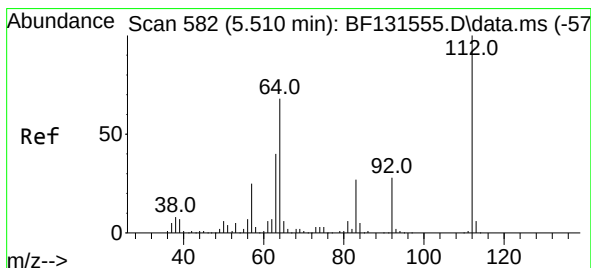
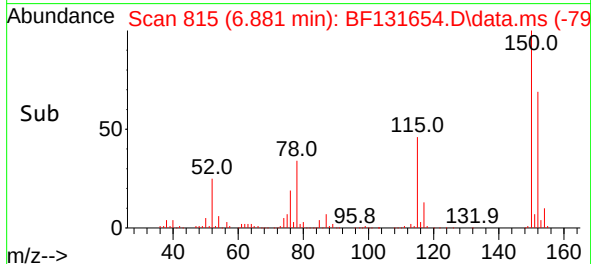
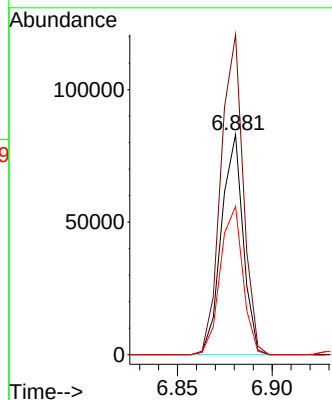
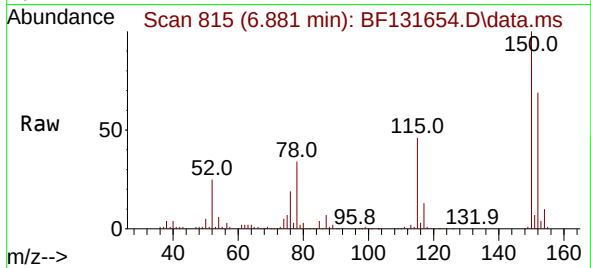




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

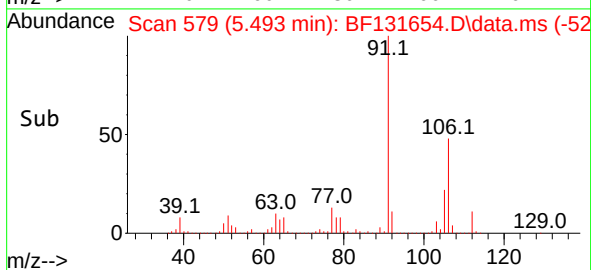
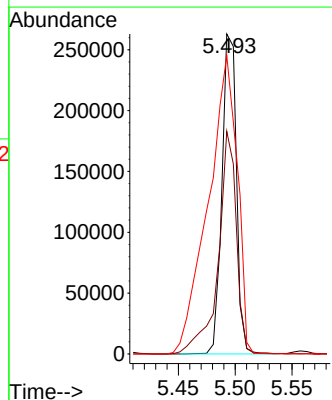
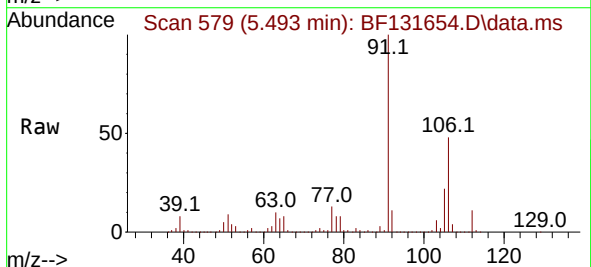
Instrument :
BNA_F
ClientSampleId :
MW-7

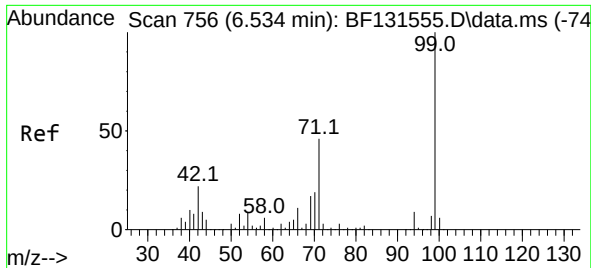
Tgt Ion:152 Resp: 66147
Ion Ratio Lower Upper
152 100
150 145.4 116.7 175.1
115 67.4 54.6 82.0



#5
2-Fluorophenol
Concen: 58.990 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

Tgt Ion:112 Resp: 233892
Ion Ratio Lower Upper
112 100
64 69.6 54.5 81.7
63 93.3 31.9 47.9#

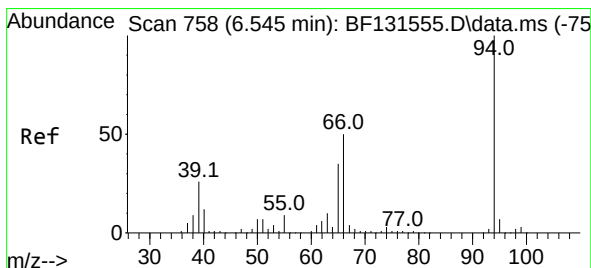
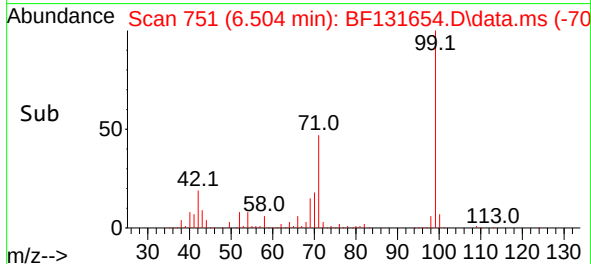
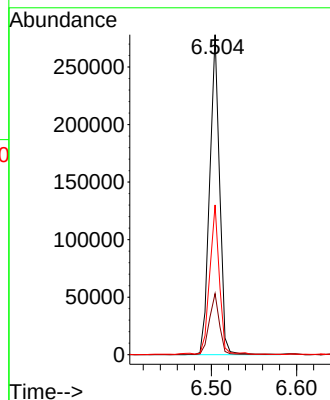
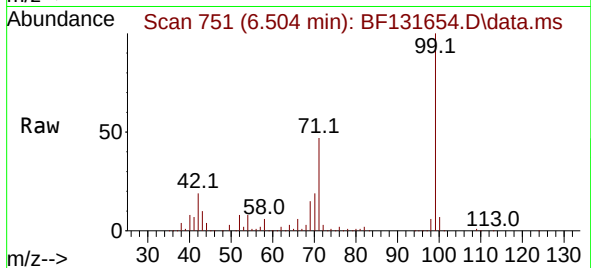




#7
Phenol-d6
Concen: 43.317 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

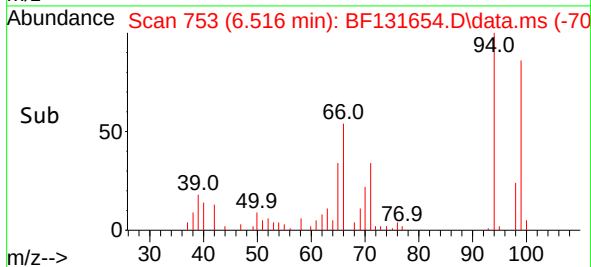
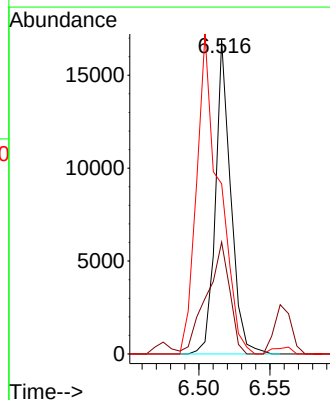
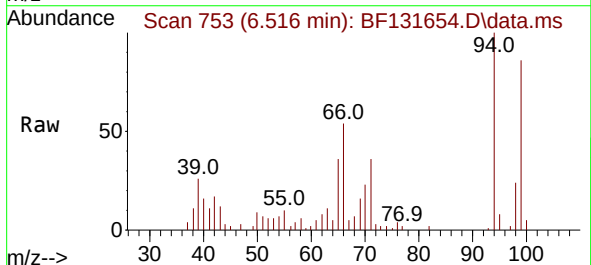
Instrument :
BNA_F
ClientSampleId :
MW-7

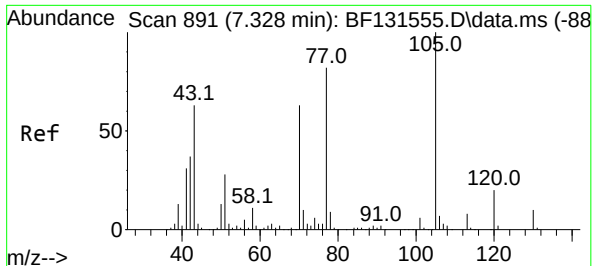
Tgt Ion: 99 Resp: 225065
Ion Ratio Lower Upper
99 100
42 19.1 17.9 26.9
71 46.8 37.2 55.8



#10
Phenol
Concen: 2.176 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

Tgt Ion: 94 Resp: 12611
Ion Ratio Lower Upper
94 100
65 35.7 14.8 54.8
66 54.3 30.8 70.8





#19

n-Nitroso-di-n-propylamine

Concen: 20.299 ng

RT: 7.451 min Scan# 91

Delta R.T. 0.153 min

Lab File: BF131654.D

Acq: 15 Dec 2022 17:52

Instrument :

BNA_F

ClientSampleId :

MW-7

Tgt Ion: 70 Resp: 79086

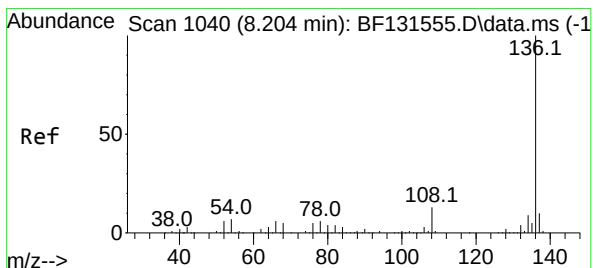
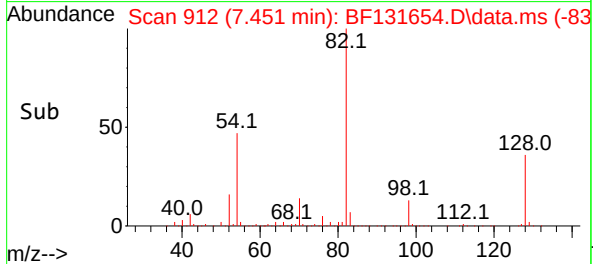
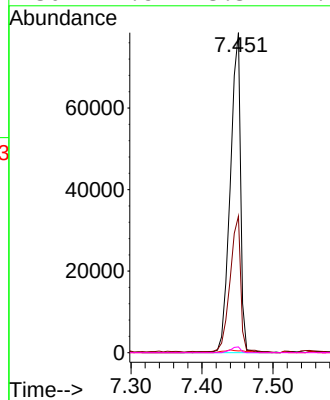
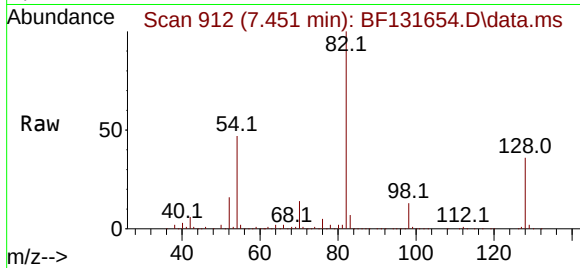
Ion Ratio Lower Upper

70 100

42 42.6 46.4 69.6#

101 0.5 7.2 10.8#

130 1.8 13.3 19.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF131654.D

Acq: 15 Dec 2022 17:52

Tgt Ion:136 Resp: 239539

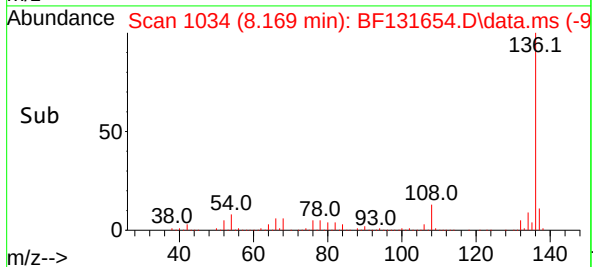
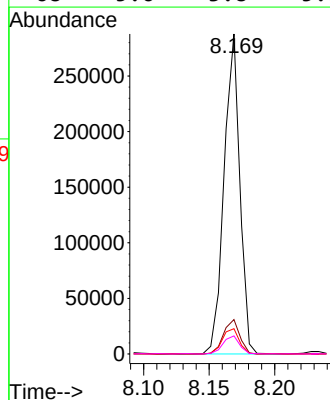
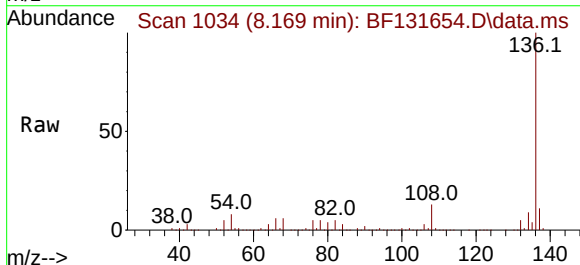
Ion Ratio Lower Upper

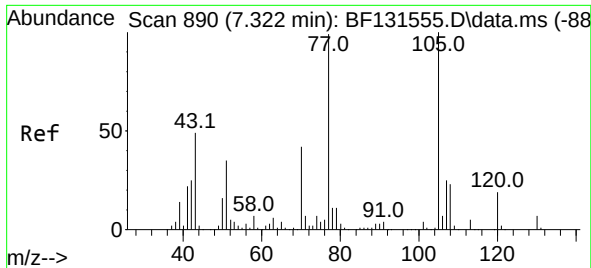
136 100

137 10.8 8.1 12.1

54 7.9 6.0 9.0

68 5.6 3.8 5.8



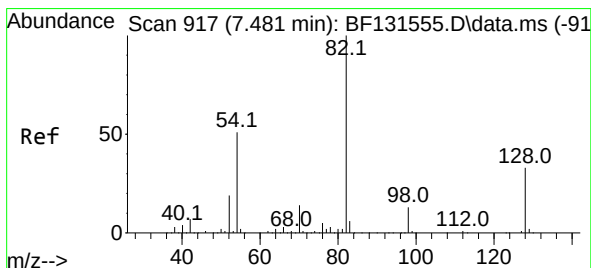
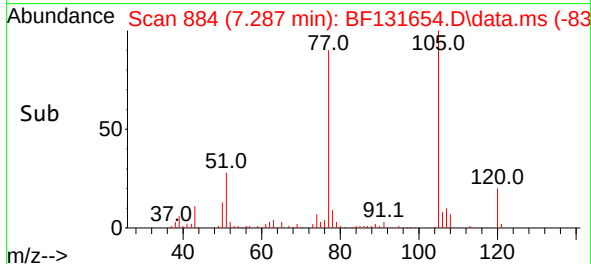
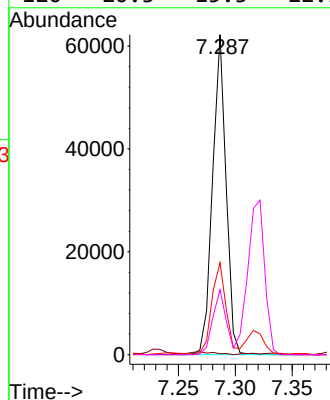
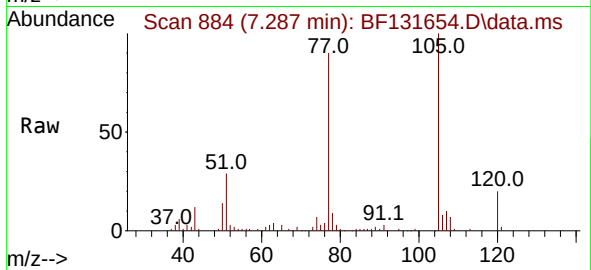


#22
Acetophenone
Concen: 6.825 ng
RT: 7.287 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:105 Resp: 51230

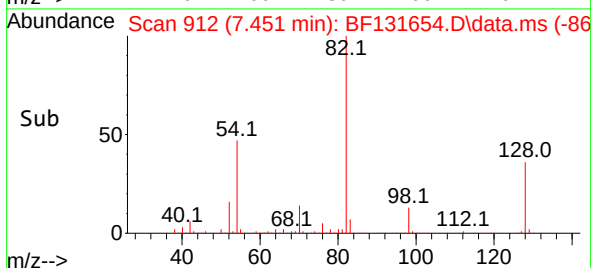
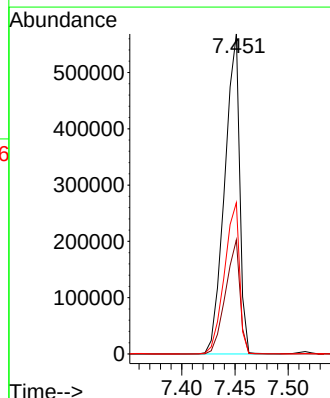
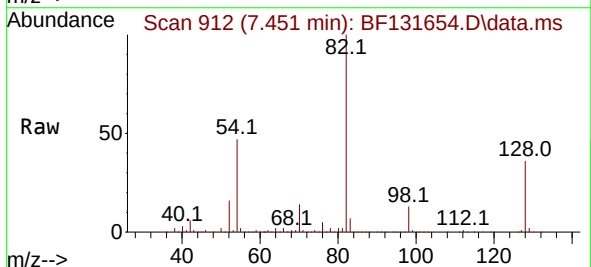
Ion	Ratio	Lower	Upper
105	100		
71	0.3	5.4	8.0#
51	28.8	27.8	41.6
120	20.3	15.3	22.9

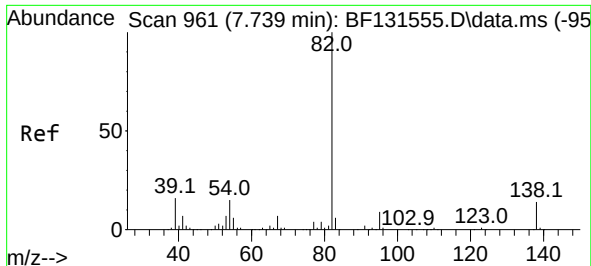


#23
Nitrobenzene-d5
Concen: 87.433 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

Tgt Ion: 82 Resp: 553964

Ion	Ratio	Lower	Upper
82	100		
128	35.6	26.1	39.1
54	47.2	40.6	60.8

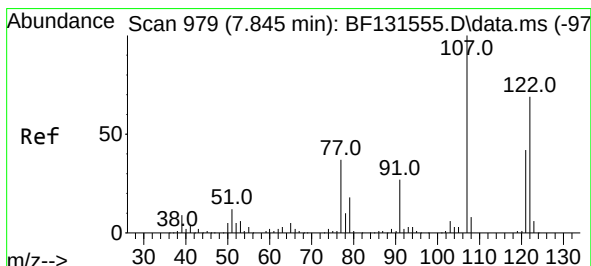
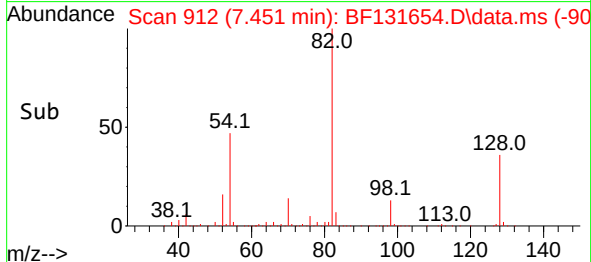
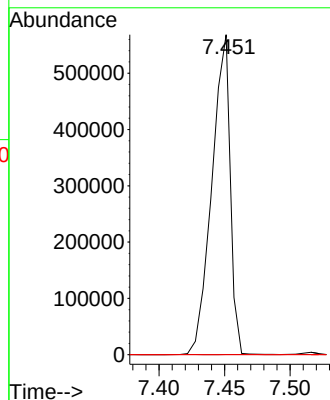
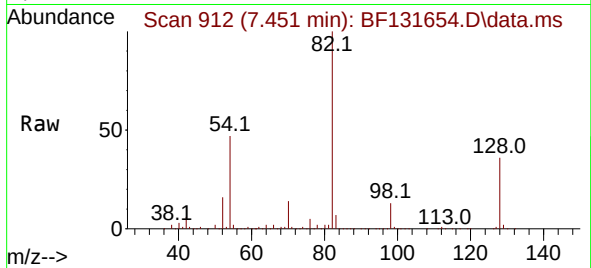




#25
Isophorone
Concen: 54.178 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

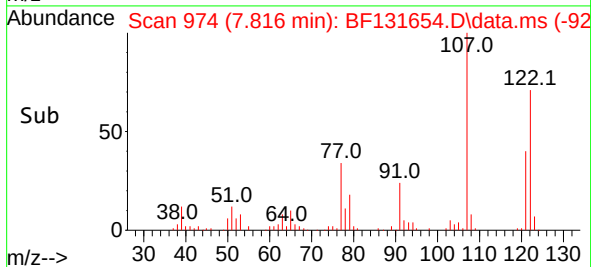
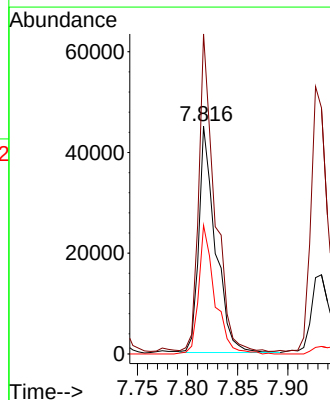
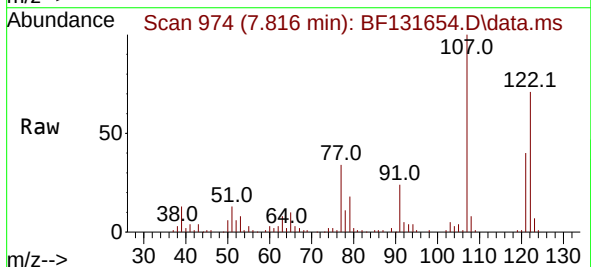
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ClientSampleId :
MW-7

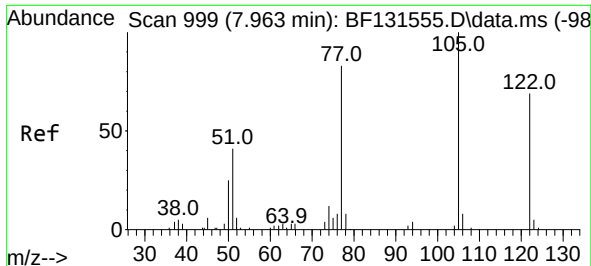
Tgt Ion: 82 Resp: 552913
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#27
2,4-Dimethylphenol
Concen: 15.592 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

Tgt Ion: 122 Resp: 52081
Ion Ratio Lower Upper
122 100
107 140.5 114.2 171.2
121 56.5 48.2 72.2

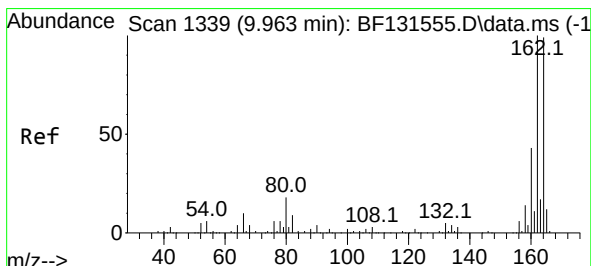
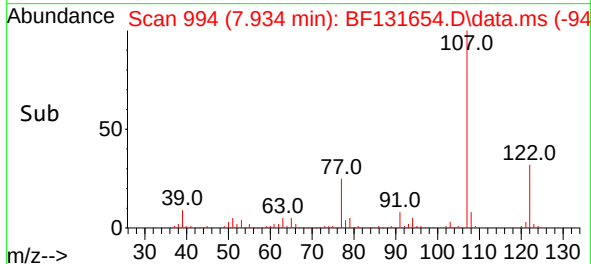
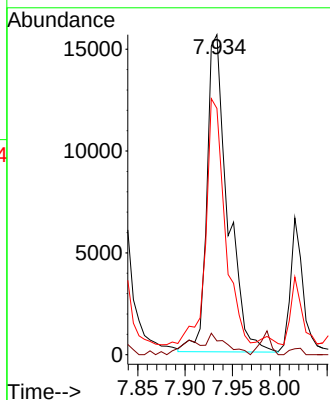
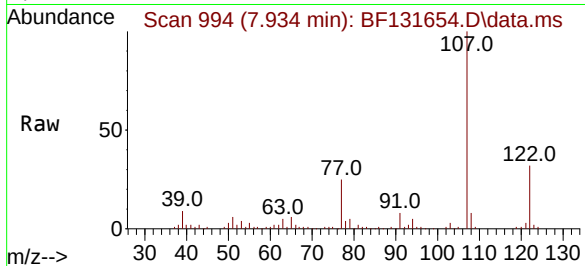




#32
Benzoic acid
Concen: 9.885 ng
RT: 7.934 min Scan# 999
Delta R.T. -0.018 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

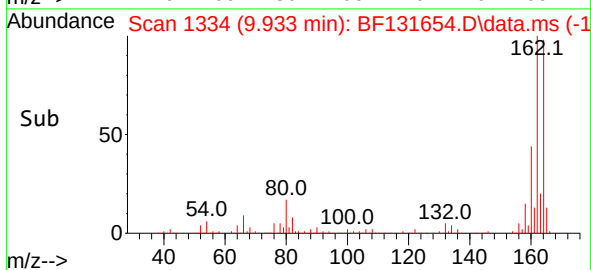
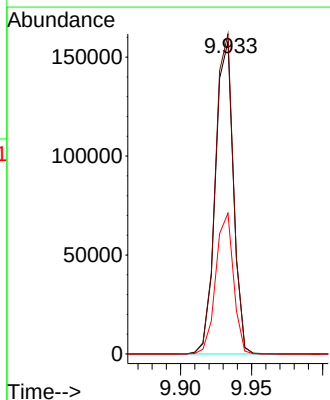
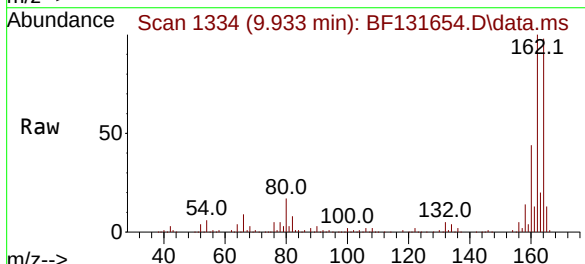
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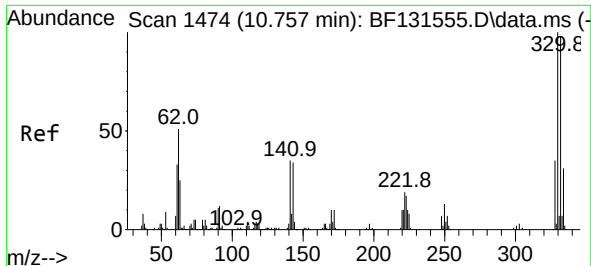
Tgt Ion:122 Resp: 23912
Ion Ratio Lower Upper
122 100
105 4.3 119.8 159.8#
77 77.0 97.6 137.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

Tgt Ion:164 Resp: 139516
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.6
160 45.0 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 139.697 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131654.D

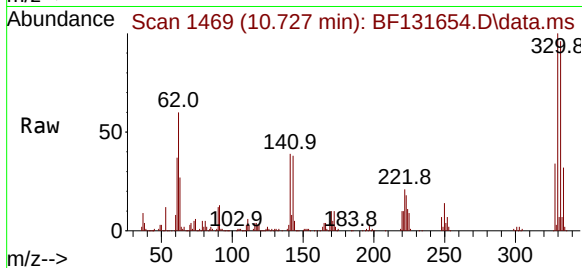
Acq: 15 Dec 2022 17:52

Instrument :

BNA_F

ClientSampleId :

MW-7



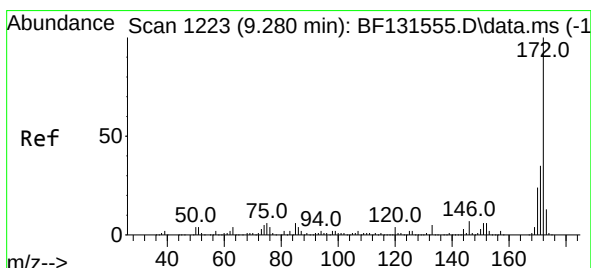
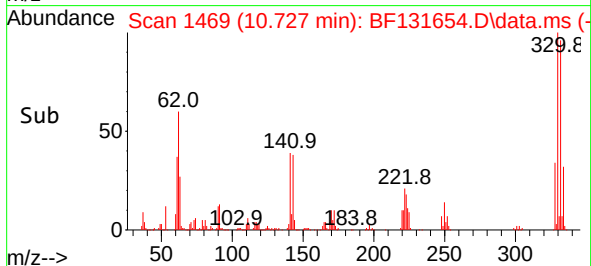
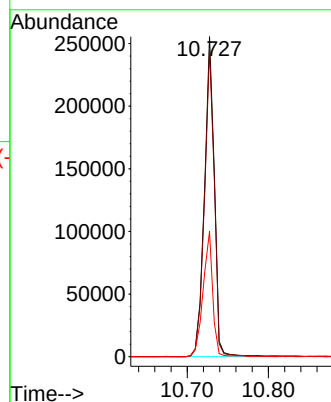
Tgt Ion:330 Resp: 216540

Ion Ratio Lower Upper

330 100

332 95.6 78.3 117.5

141 38.3 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 86.082 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131654.D

Acq: 15 Dec 2022 17:52

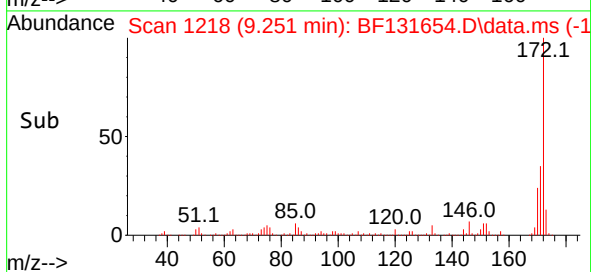
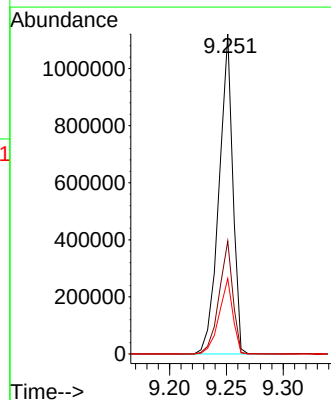
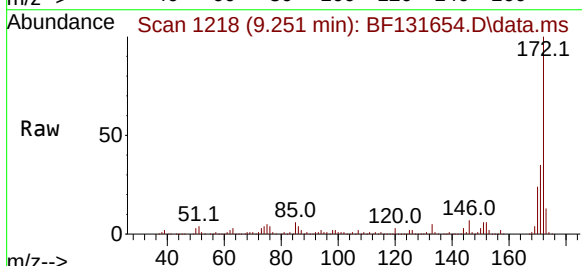
Tgt Ion:172 Resp: 952496

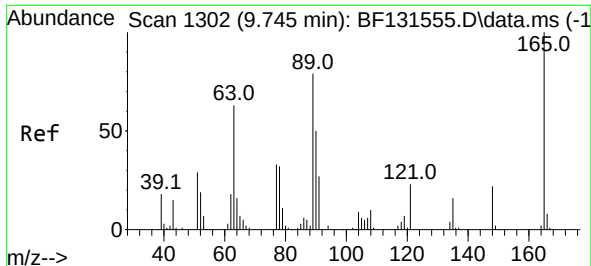
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.6 19.3 28.9





#51

2,6-Dinitrotoluene

Concen: 8.189 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF131654.D

Acq: 15 Dec 2022 17:52

Instrument :

BNA_F

ClientSampleId :

MW-7

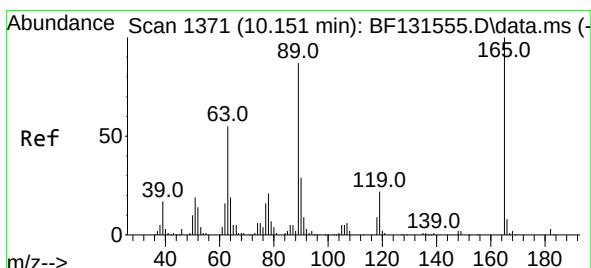
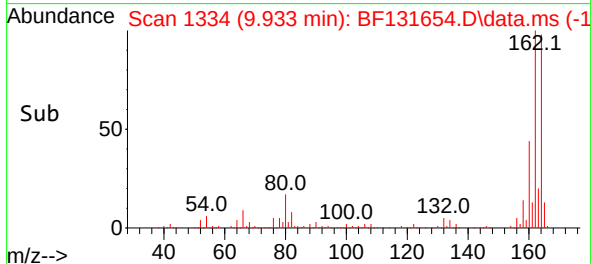
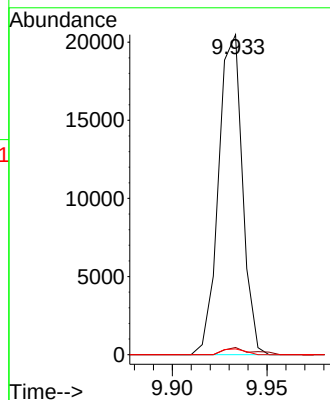
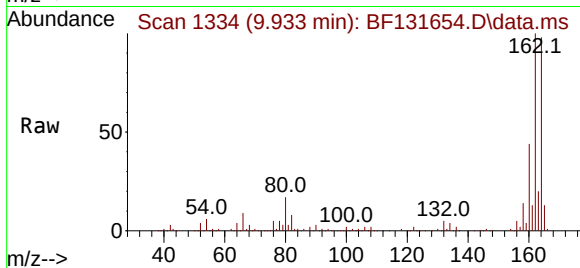
Tgt Ion:165 Resp: 17981

Ion Ratio Lower Upper

165 100

63 2.3 67.9 101.9#

89 1.8 63.2 94.8#



#57

2,4-Dinitrotoluene

Concen: 6.173 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.194 min

Lab File: BF131654.D

Acq: 15 Dec 2022 17:52

Tgt Ion:165 Resp: 17981

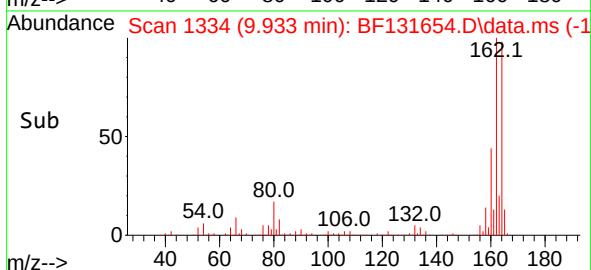
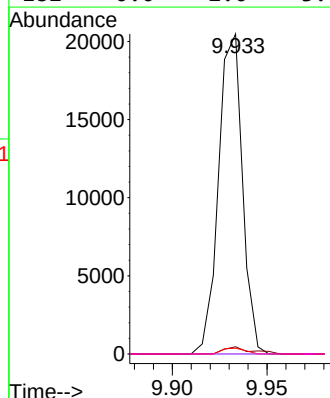
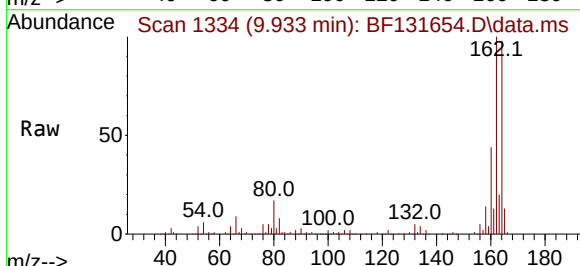
Ion Ratio Lower Upper

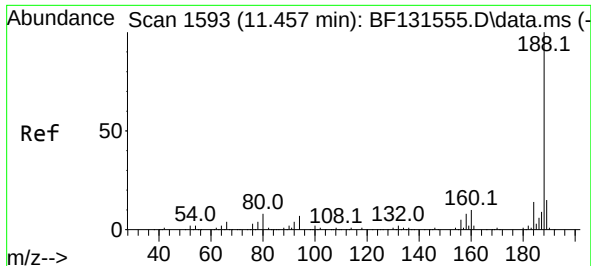
165 100

63 2.3 44.4 66.6#

89 1.8 69.6 104.4#

182 0.0 2.0 3.0#

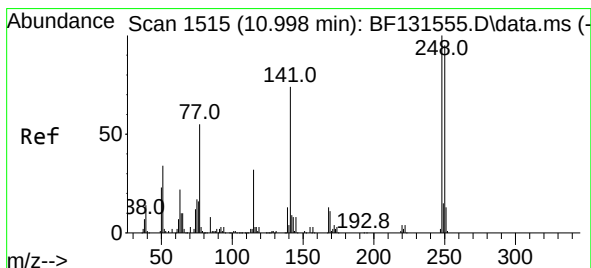
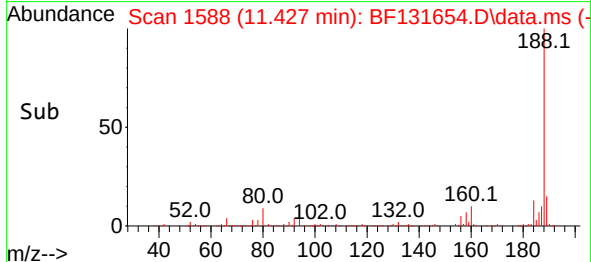
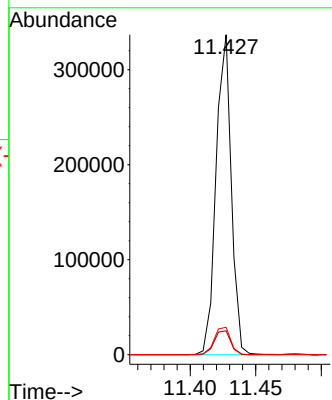
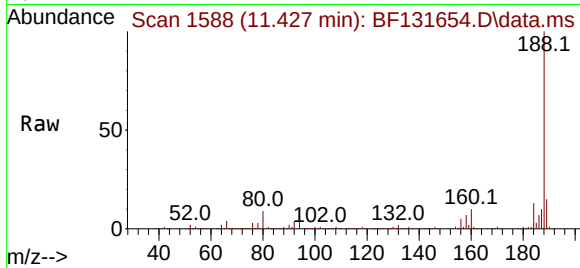




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

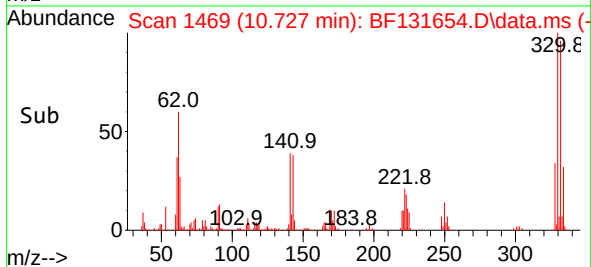
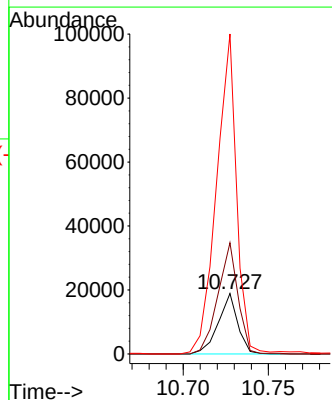
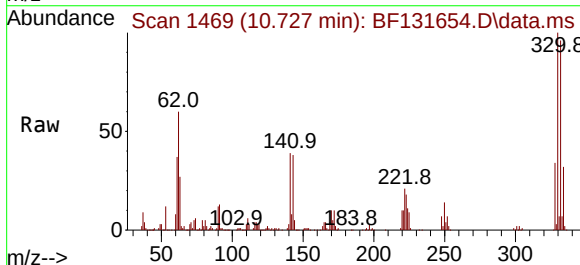
Instrument :
BNA_F
ClientSampleId :
MW-7

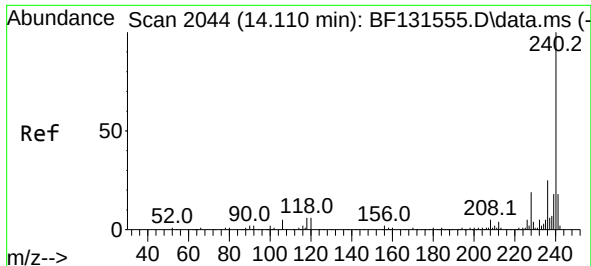
Tgt Ion:188 Resp: 271131
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 8.6 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.309 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

Tgt Ion:248 Resp: 15030
Ion Ratio Lower Upper
248 100
250 183.8 76.2 114.2#
141 529.0 59.5 89.3#

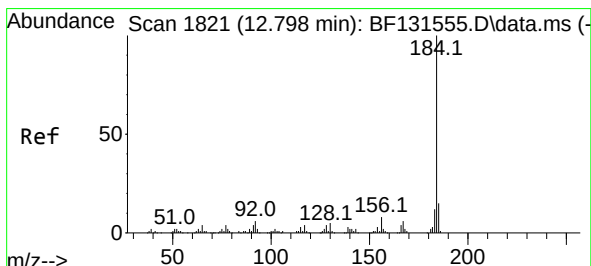
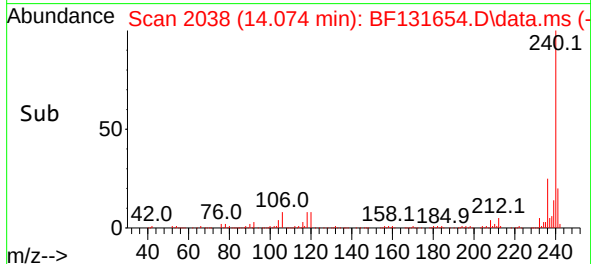
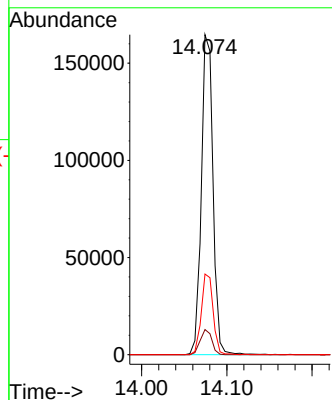
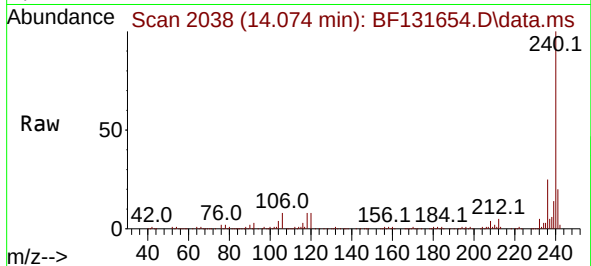




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

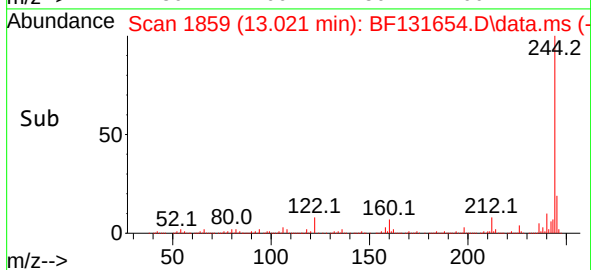
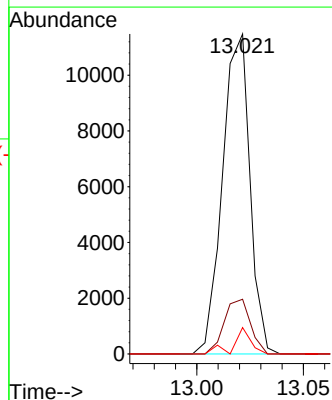
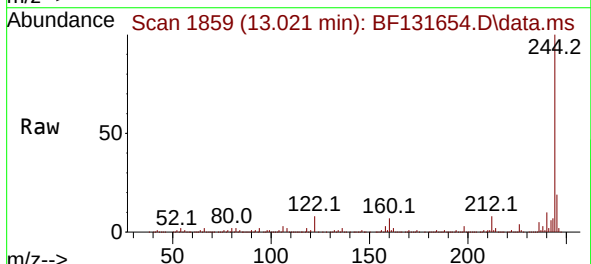
Instrument :
BNA_F
ClientSampleId :
MW-7

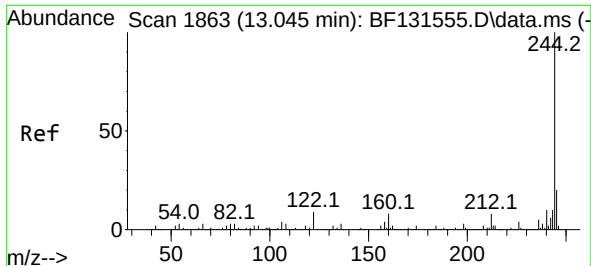
Tgt Ion:240 Resp: 156542
Ion Ratio Lower Upper
240 100
120 7.8 4.6 7.0#
236 25.2 20.2 30.2



#77
Benzidine
Concen: 2.450 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

Tgt Ion:184 Resp: 10276
Ion Ratio Lower Upper
184 100
185 17.1 12.2 18.2
183 8.3 9.3 13.9#

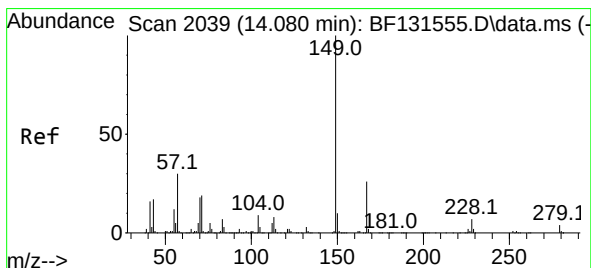
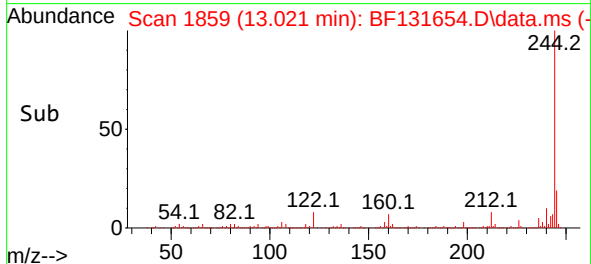
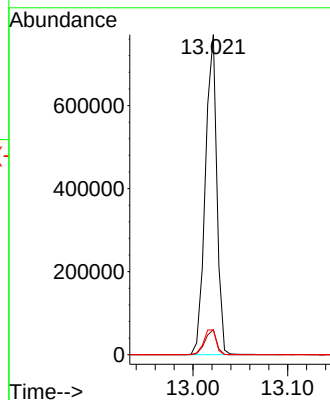
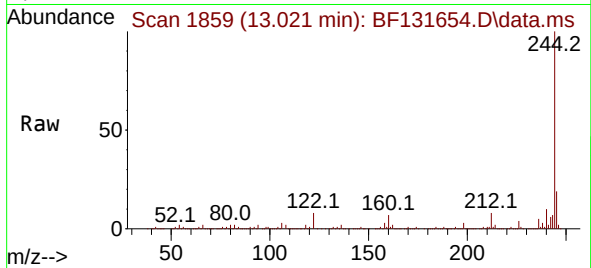




#79
 Terphenyl-d14
 Concen: 56.962 ng
 RT: 13.021 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BF131654.D
 Acq: 15 Dec 2022 17:52

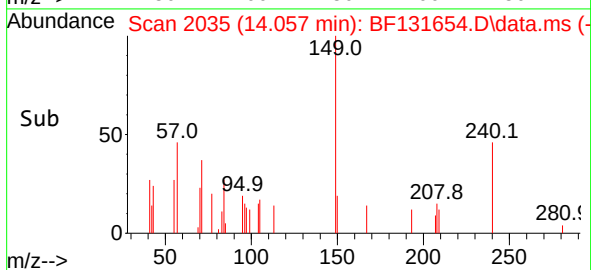
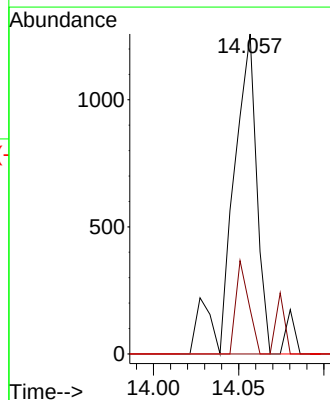
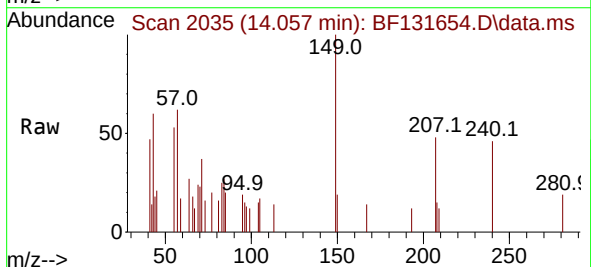
Instrument :
 BNA_F
 ClientSampleId :
 MW-7

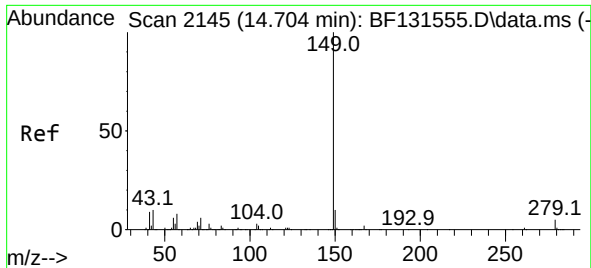
Tgt Ion:244 Resp: 650209
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 7.8 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.224 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. 0.000 min
 Lab File: BF131654.D
 Acq: 15 Dec 2022 17:52

Tgt Ion:149 Resp: 1248
 Ion Ratio Lower Upper
 149 100
 167 14.0 20.8 31.2#
 279 0.0 3.3 4.9#

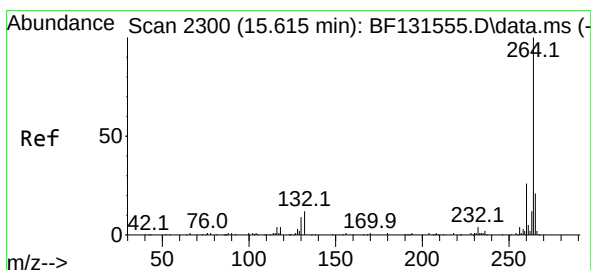
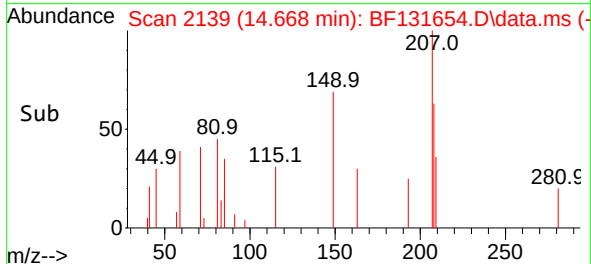
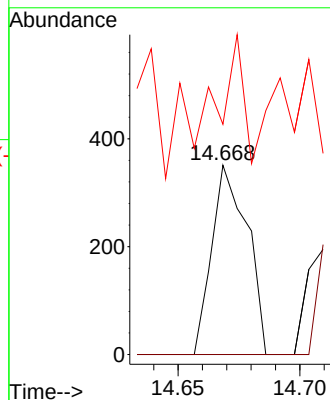
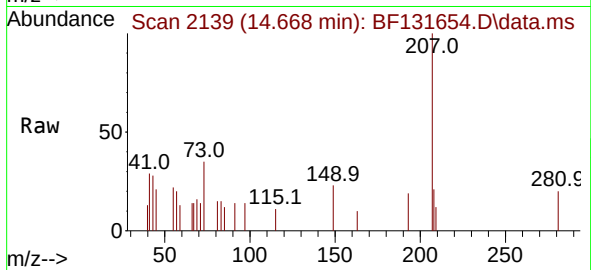




#85
Di-n-octyl phthalate
Concen: 5.251 ng
RT: 14.668 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:149 Resp: 355
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 45.1 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

Tgt Ion:264 Resp: 144217
Ion Ratio Lower Upper
264 100
260 23.2 20.6 30.8
265 20.5 16.8 25.2

