

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)

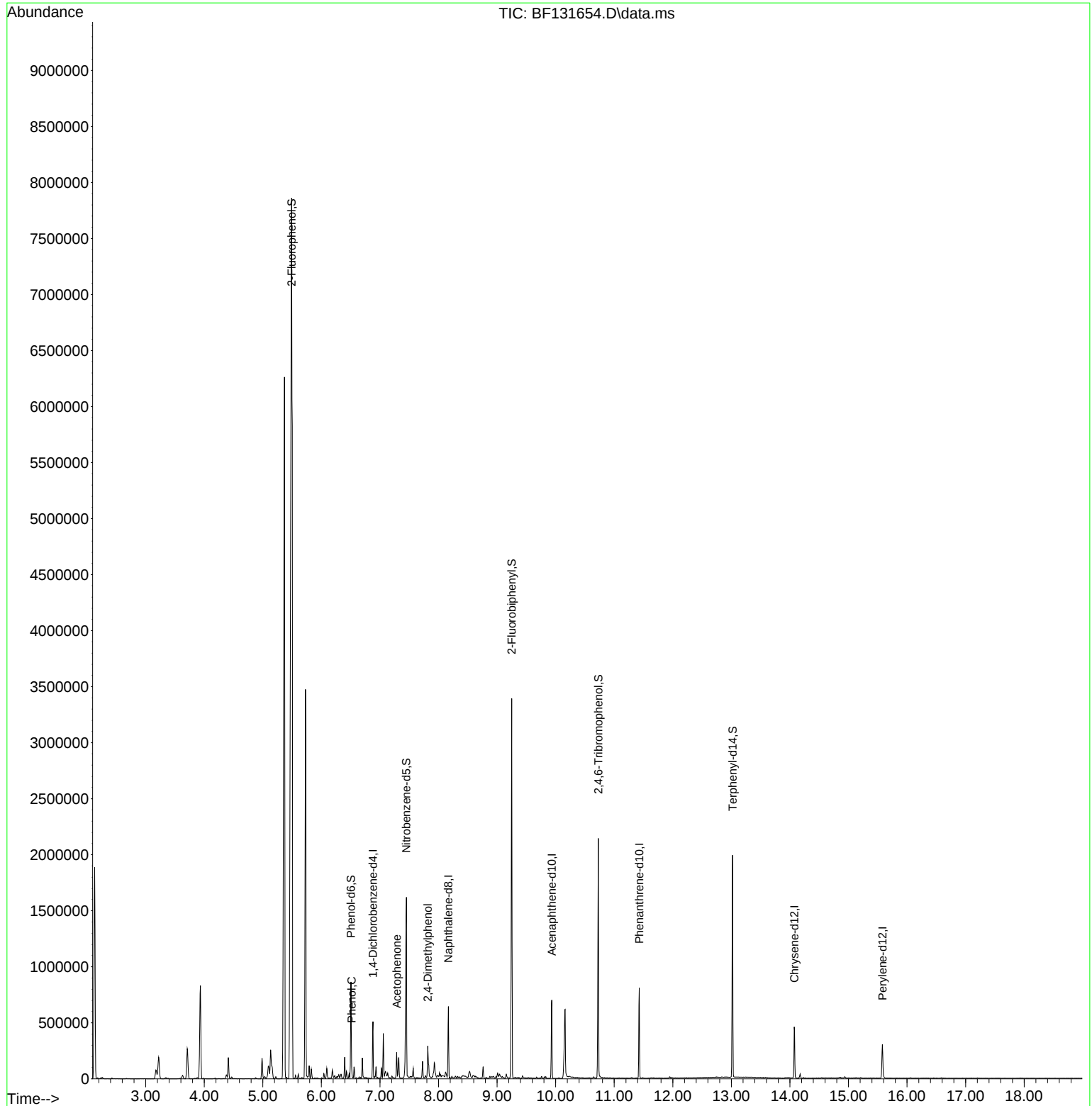
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	66147	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	239539	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	139516	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	271131	20.000	ng	0.00
76) Chrysene-d12	14.074	240	156542	20.000	ng	# 0.00
86) Perylene-d12	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						
10) Phenol	6.516	94	12611	2.176	ng	Qvalue 96
22) Acetophenone	7.287	105	51230	6.825	ng	# 91
27) 2,4-Dimethylphenol	7.816	122	52081	15.592	ng	97

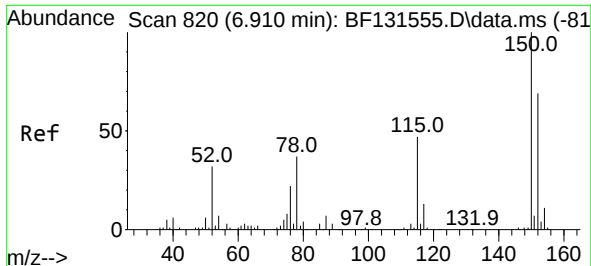
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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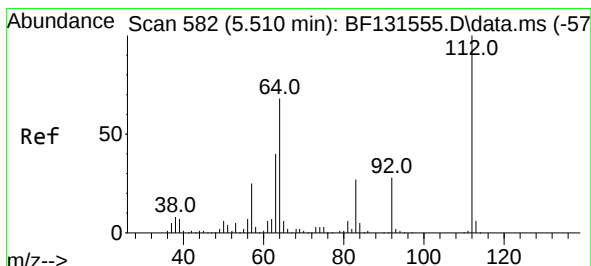
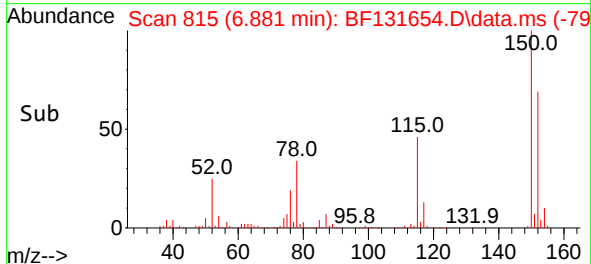
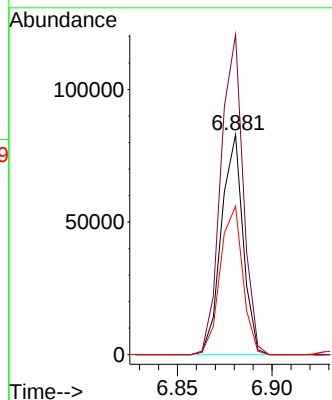
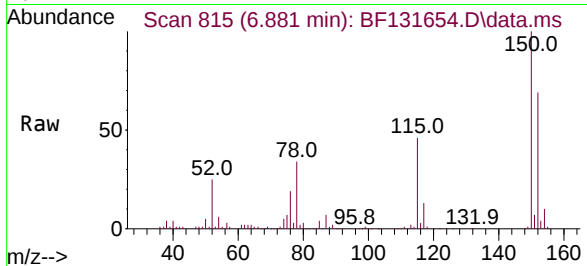




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

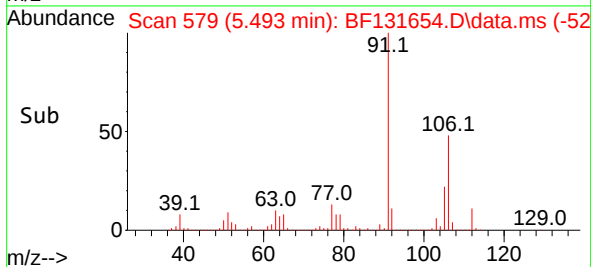
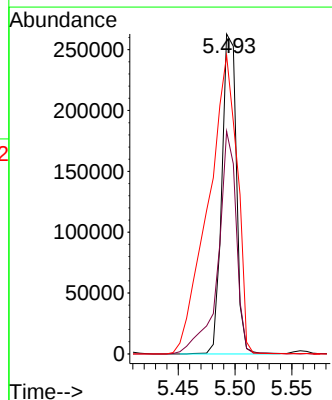
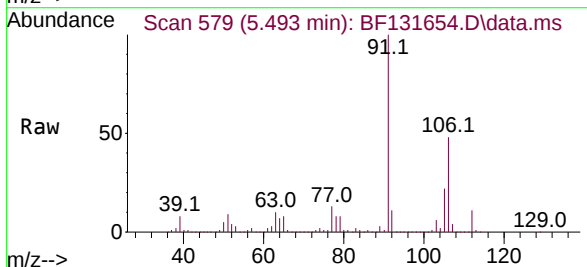
Instrument :
BNA_F
ClientSampleId :
MW-7

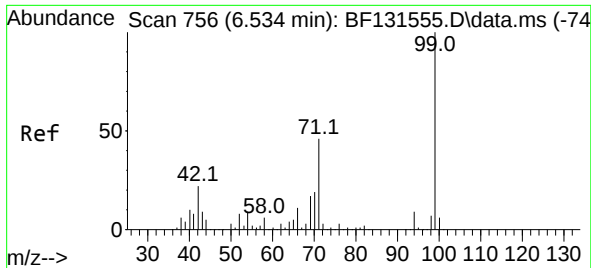
Tgt Ion:152 Resp: 66147
Ion Ratio Lower Upper
152 100
150 145.4 116.7 175.1
115 67.4 54.6 82.0



#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#

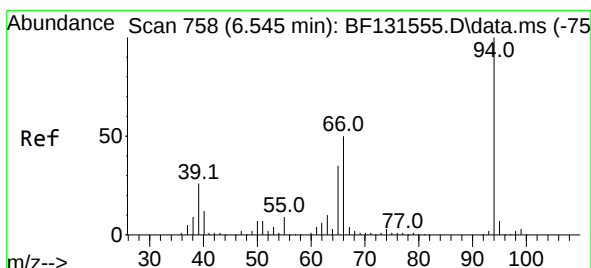
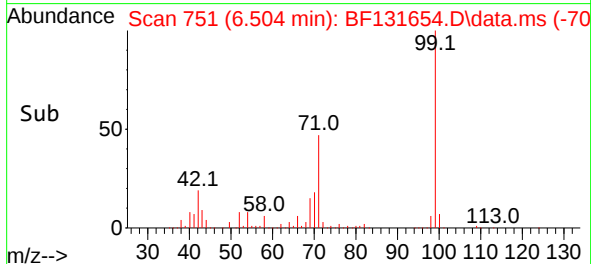
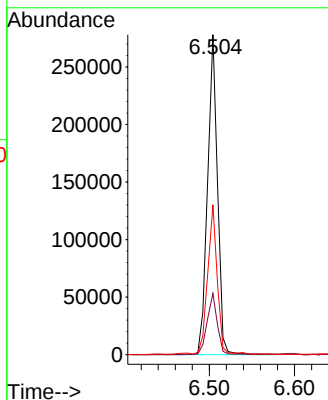
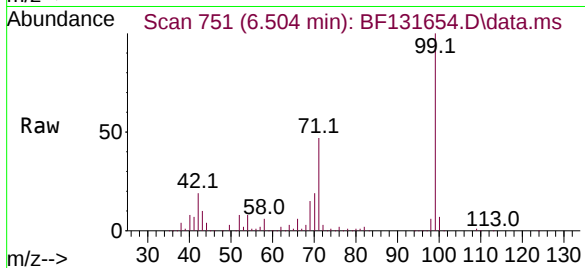




#7
Phenol-d6
Concen: 43.317 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

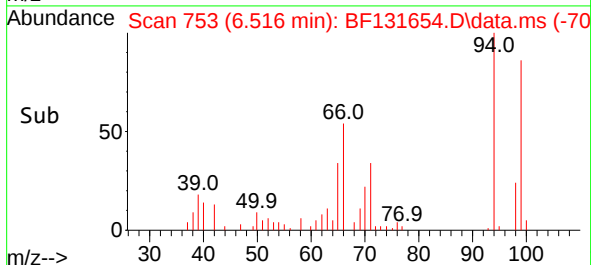
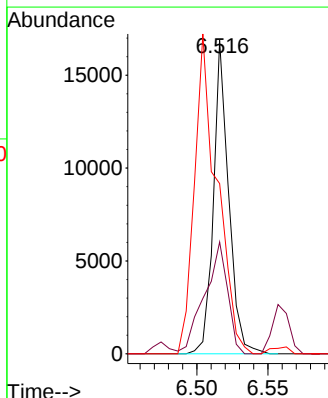
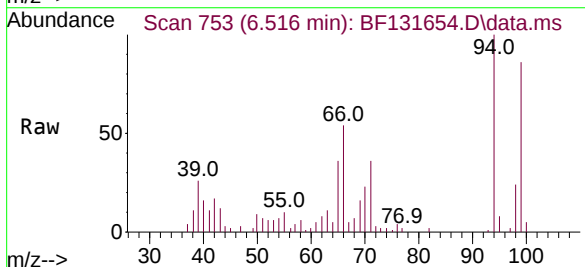
Instrument :
BNA_F
ClientSampleId :
MW-7

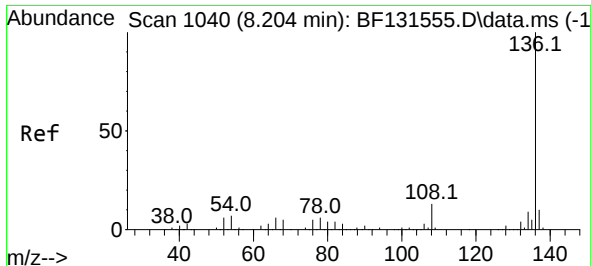
Tgt Ion: 99 Resp: 225065
Ion Ratio Lower Upper
99 100
42 19.1 17.9 26.9
71 46.8 37.2 55.8



#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

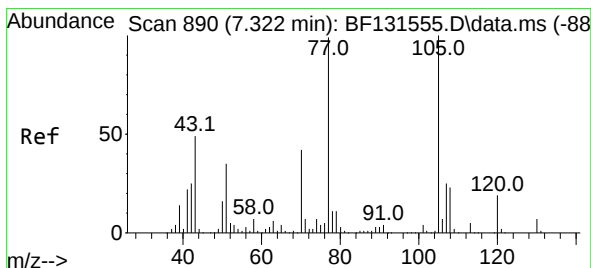
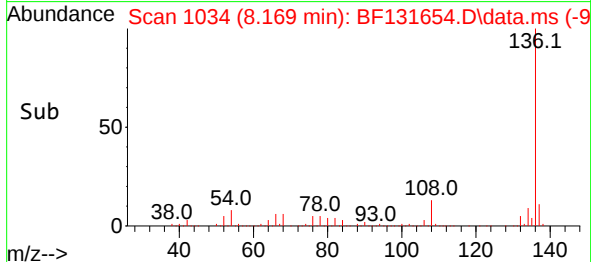
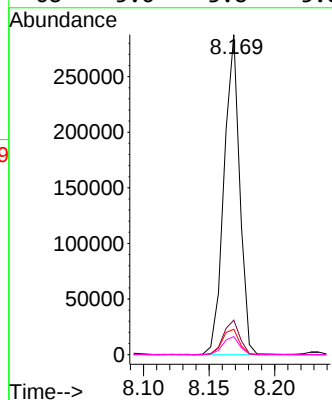
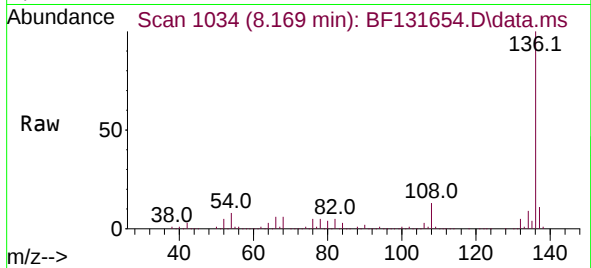




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

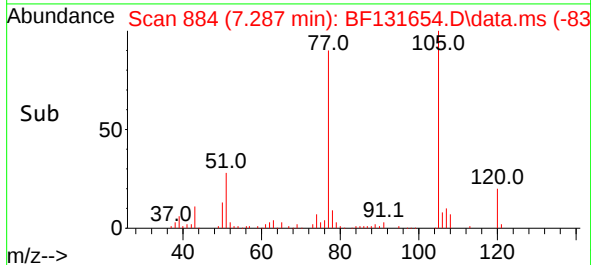
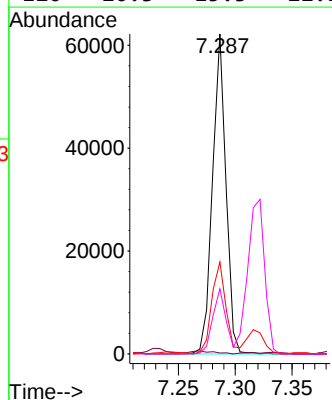
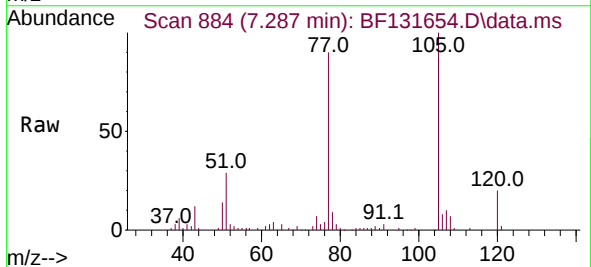
Instrument :
BNA_F
ClientSampleId :
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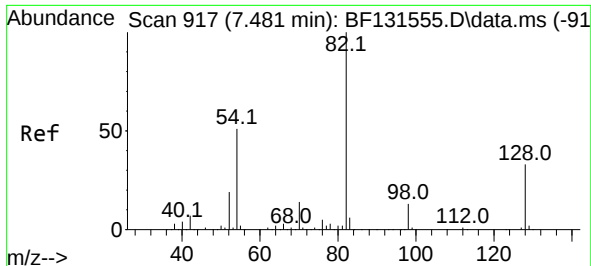
Tgt Ion:136 Resp: 239539
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 7.9 6.0 9.0
68 5.6 3.8 5.8



#22
Acetophenone
Concen: 6.825 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

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

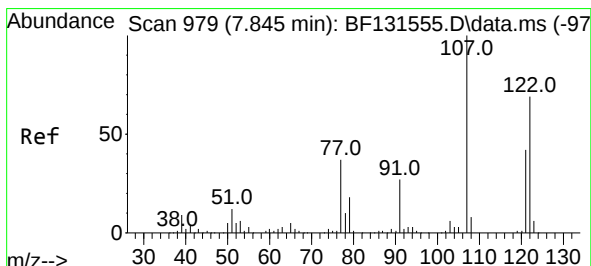
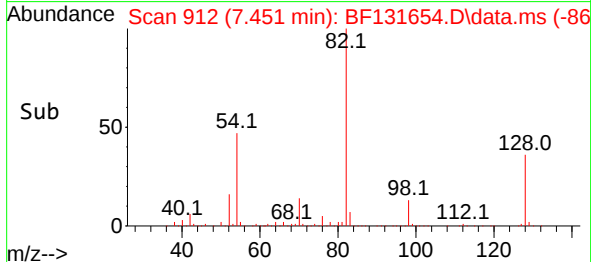
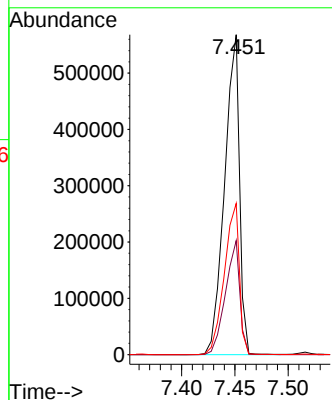
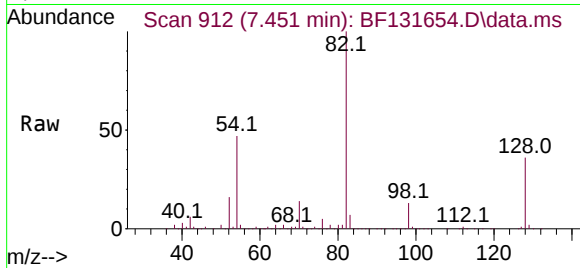




#23
 Nitrobenzene-d5
 Concen: 87.433 ng
 RT: 7.451 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BF131654.D
 Acq: 15 Dec 2022 17:52

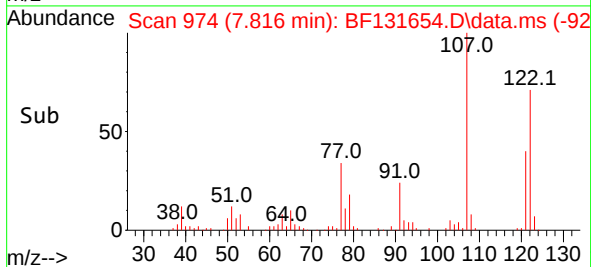
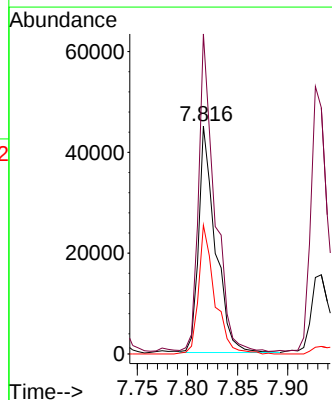
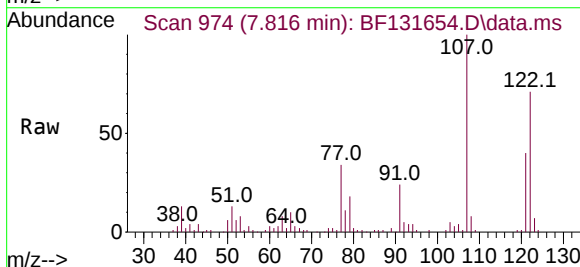
Instrument :
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 ClientSampleId :
 MW-7

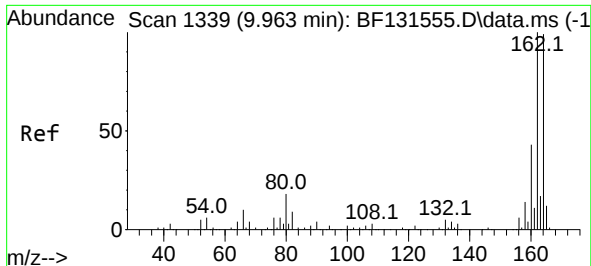
Tgt Ion: 82 Resp: 553964
 Ion Ratio Lower Upper
 82 100
 128 35.6 26.1 39.1
 54 47.2 40.6 60.8



#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

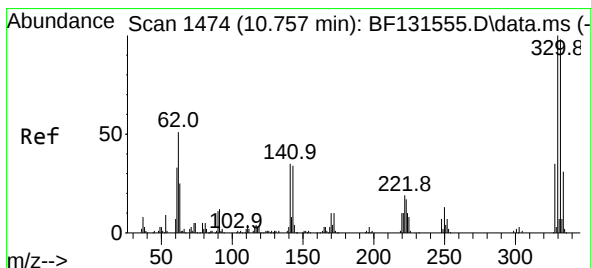
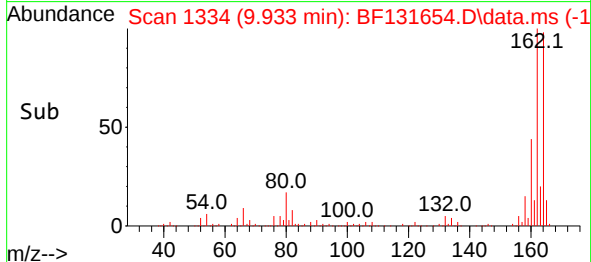
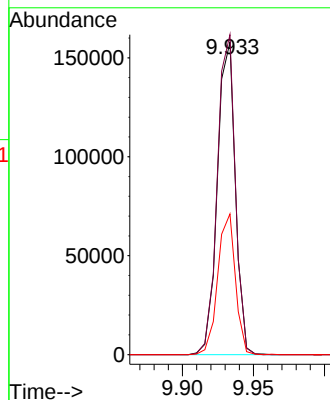
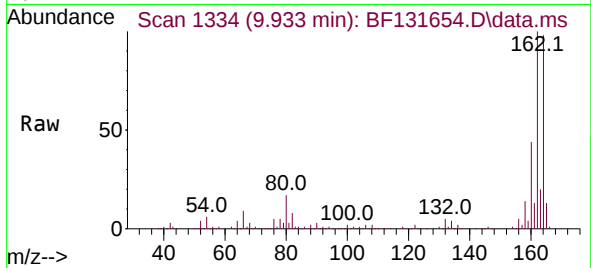




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

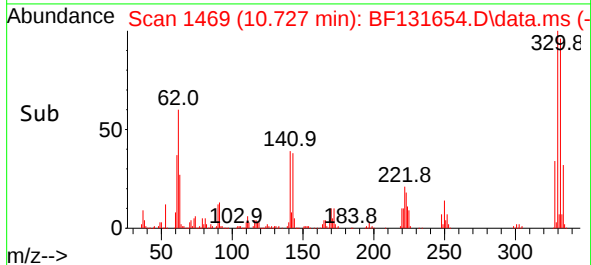
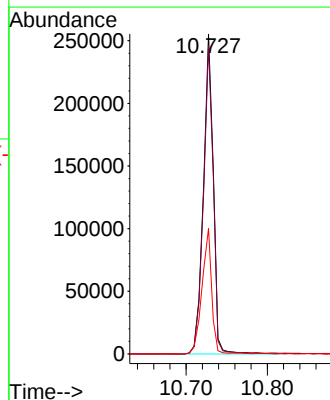
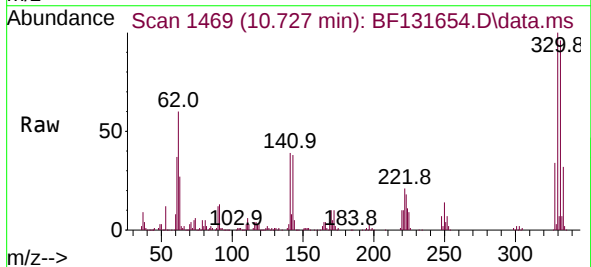
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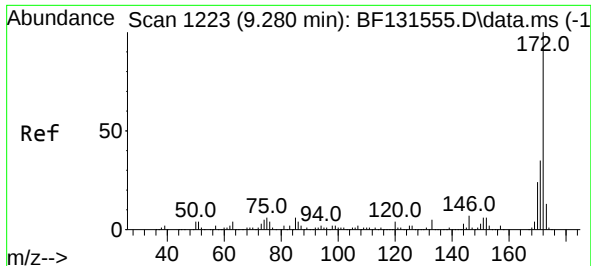
Tgt Ion:164 Resp: 139516
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.6
160 45.0 35.0 52.6



#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

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# 11

Delta R.T. 0.000 min

Lab File: BF131654.D

Acq: 15 Dec 2022 17:52

Instrument :

BNA_F

ClientSampleId :

MW-7

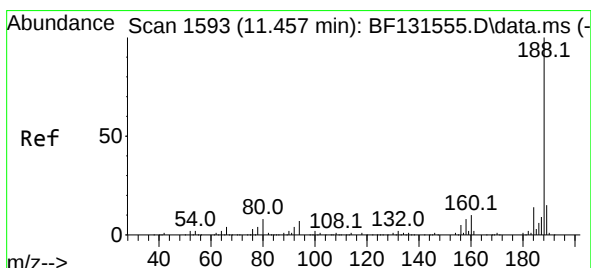
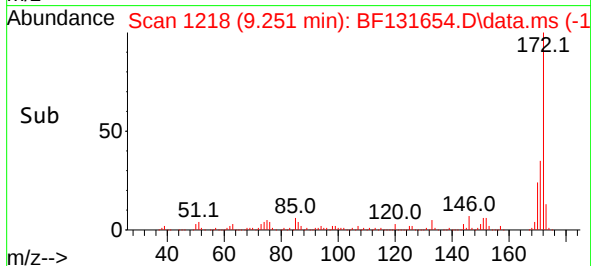
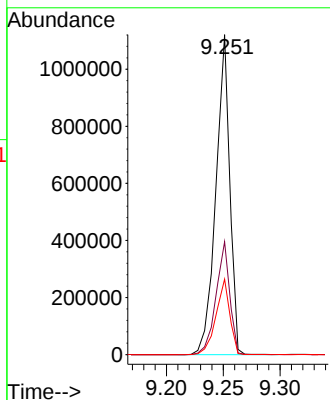
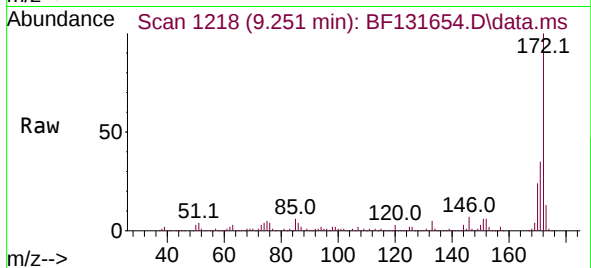
Tgt Ion:172 Resp: 952496

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.6 19.3 28.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF131654.D

Acq: 15 Dec 2022 17:52

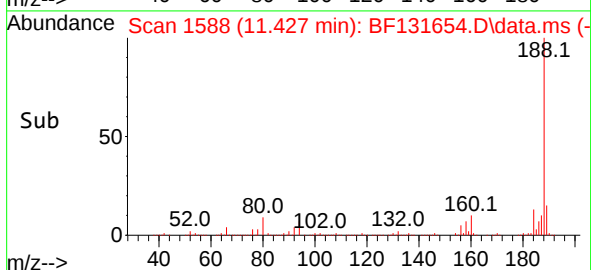
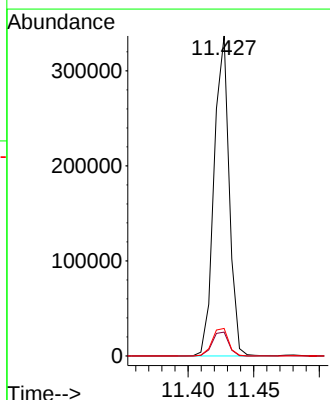
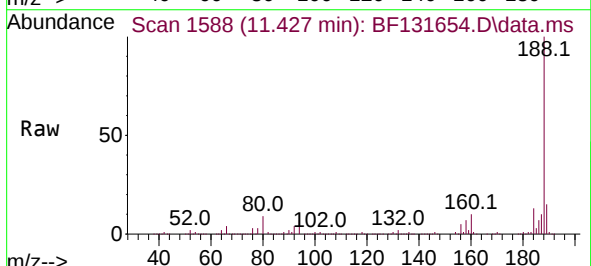
Tgt Ion:188 Resp: 271131

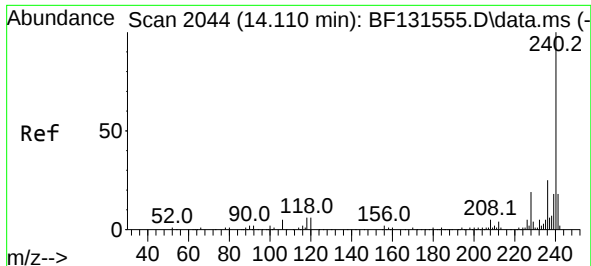
Ion Ratio Lower Upper

188 100

94 7.4 5.5 8.3

80 8.6 6.6 10.0

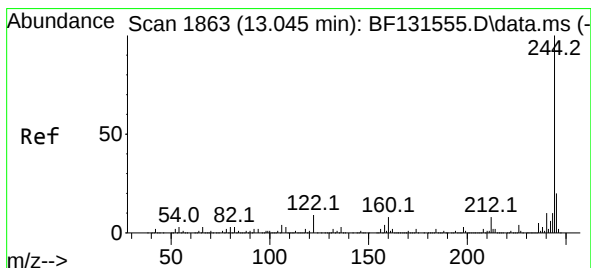
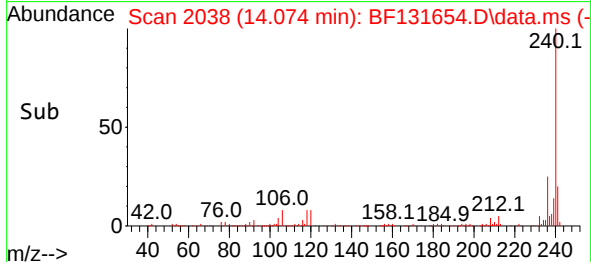
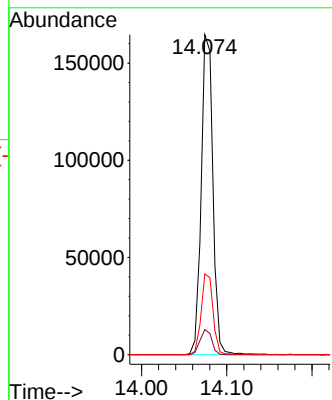
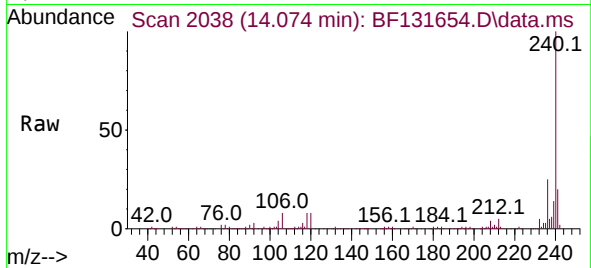




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

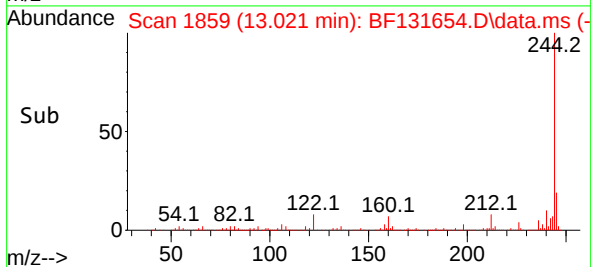
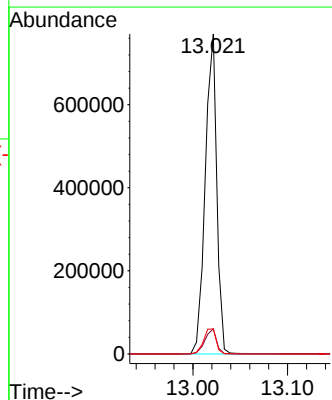
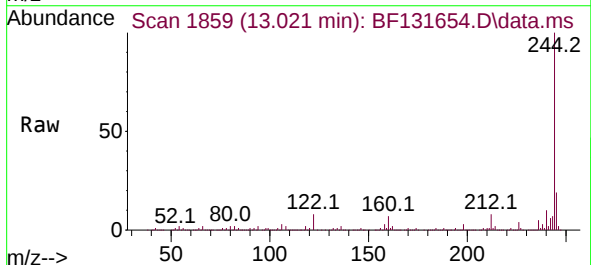
Instrument :
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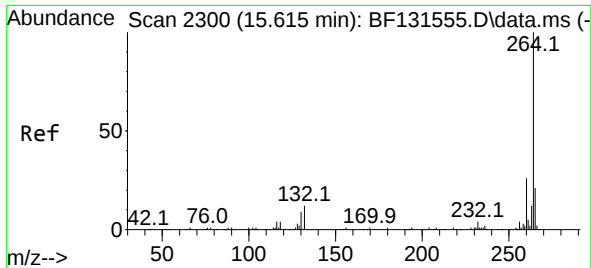
Tgt Ion:240 Resp: 156542
Ion Ratio Lower Upper
240 100
120 7.8 4.6 7.0#
236 25.2 20.2 30.2



#79
Terphenyl-d14
Concen: 56.962 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF131654.D
Acq: 15 Dec 2022 17:52

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





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131654.D
 Acq: 15 Dec 2022 17:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

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

