

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
 Data File : BF128872.D
 Acq On : 20 Jun 2022 13:03
 Operator : CG\JU
 Sample : N3367-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJS-MW-01

Quant Time: Jun 21 01:13:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 21 00:40:09 2022
 Response via : Initial Calibration

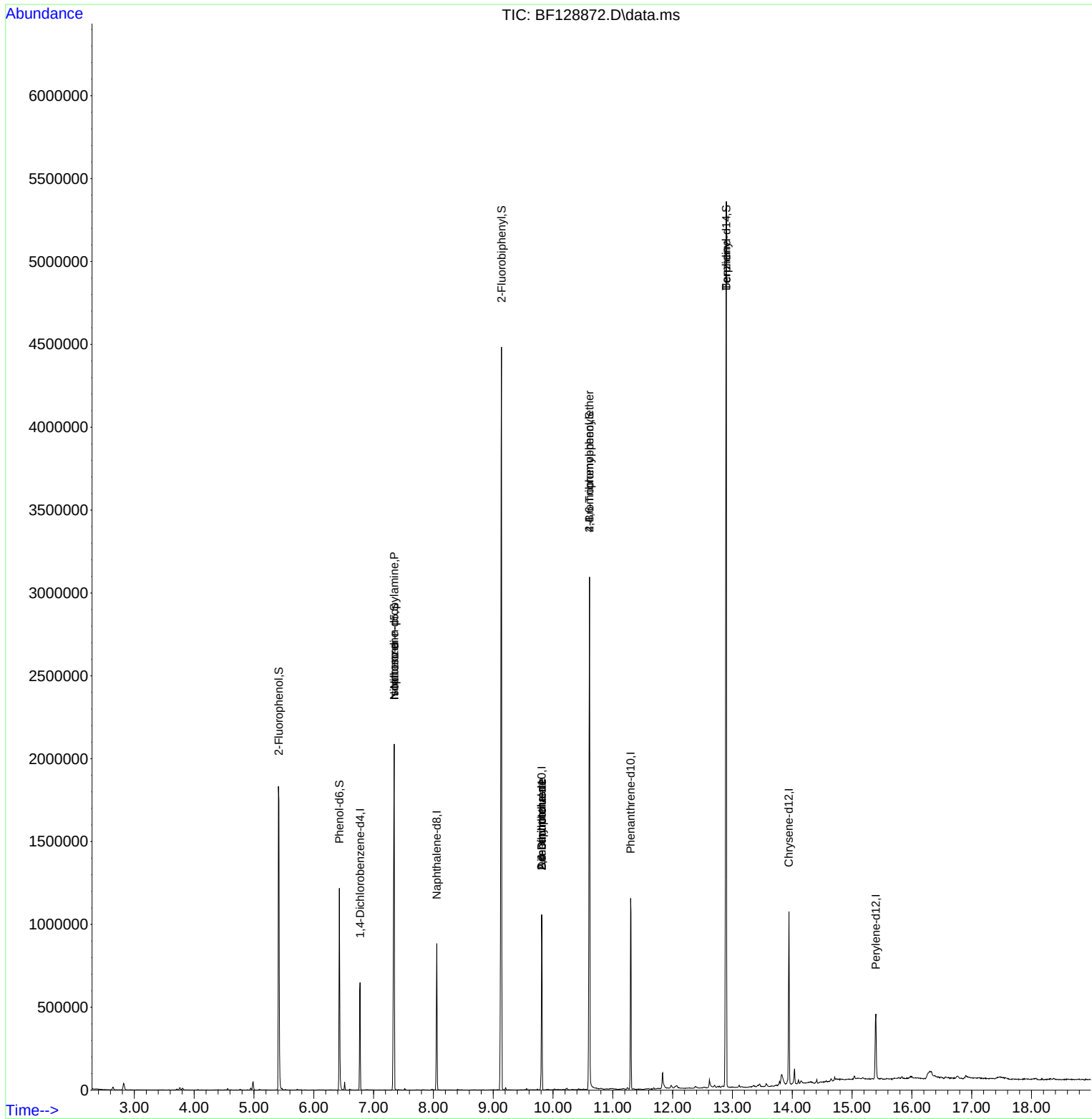
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

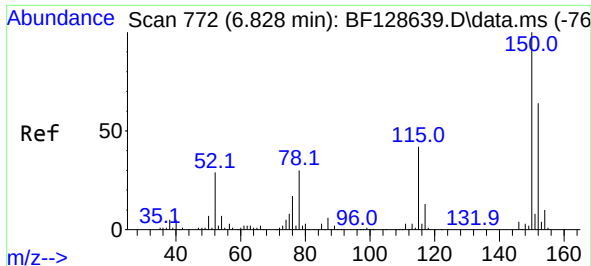
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	91875	20.00	ng	0.00
21) Naphthalene-d8	8.057	136	360115	20.00	ng	# 0.00
39) Acenaphthene-d10	9.810	164	219043	20.00	ng	0.00
64) Phenanthrene-d10	11.298	188	424795	20.00	ng	0.00
76) Chrysene-d12	13.945	240	337365	20.00	ng	# 0.00
86) Perylene-d12	15.398	264	178465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	463166	80.30	ng	0.00
7) Phenol-d6	6.428	99	325658	46.25	ng	-0.01
23) Nitrobenzene-d5	7.345	82	736521	95.22	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	379393	146.59	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1506423	96.34	ng	0.00
79) Terphenyl-d14	12.898	244	2035144	104.82	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	103505	23.64	ng	# 75
25) Isophorone	7.345	82	734991	62.57	ng	# 65
50) Dimethylphthalate	9.810	163	37880	2.53	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	27979	9.45	ng	# 26
57) 2,4-Dinitrotoluene	9.810	165	27979	7.08	ng	# 22
67) 4-Bromophenyl-phenylether	10.610	248	24350	5.14	ng	# 1
77) Benzidine	12.898	184	30112	4.48	ng	# 94

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

MJS-MW-01

Response via : Initial Calibration

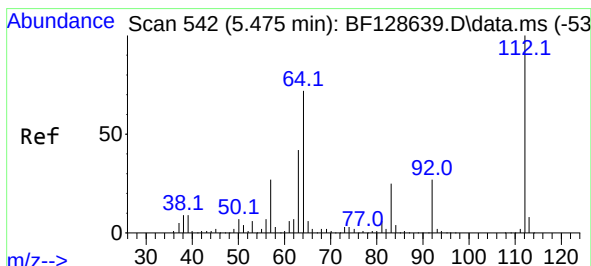
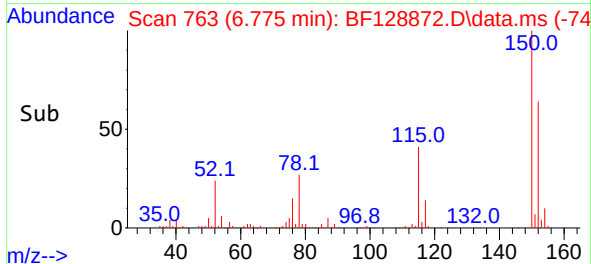
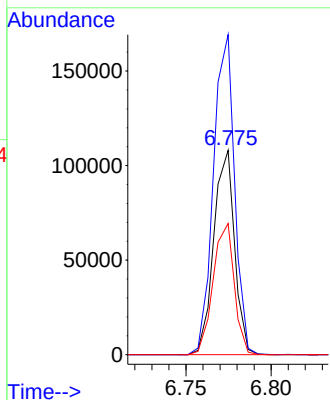
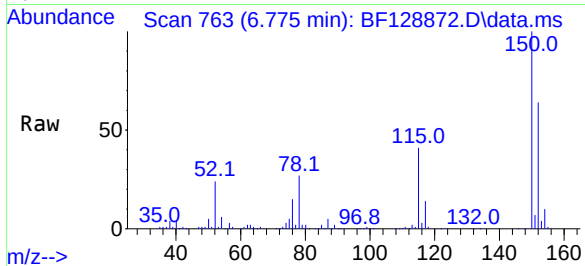




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.775 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF128872.D
Acq: 20 Jun 2022 13:03

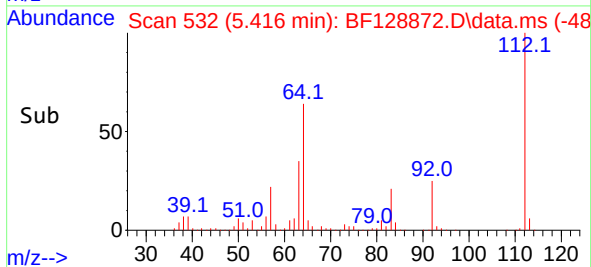
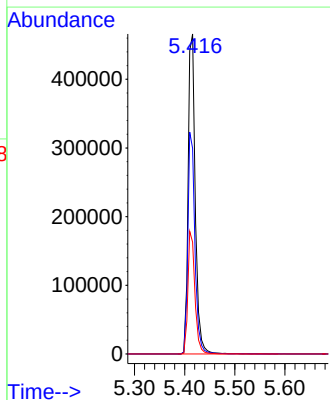
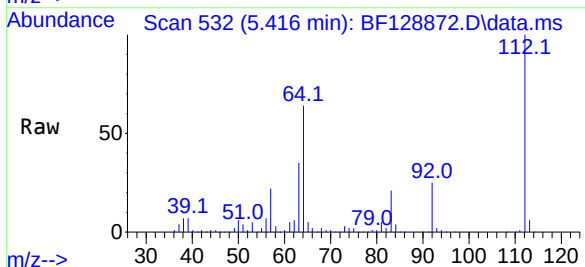
Instrument :
BNA_F
ClientSampleId :
MJS-MW-01

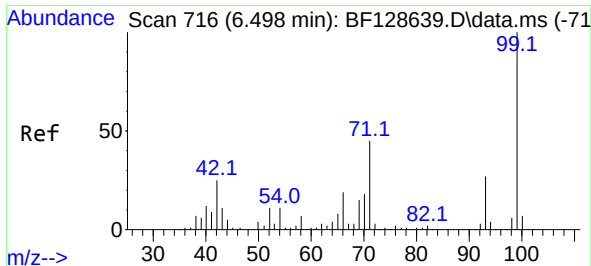
Tgt Ion:152 Resp: 91875
Ion Ratio Lower Upper
152 100
150 156.6 123.7 185.5
115 64.2 49.9 74.9



#5
2-Fluorophenol
Concen: 80.30 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.006 min
Lab File: BF128872.D
Acq: 20 Jun 2022 13:03

Tgt Ion:112 Resp: 463166
Ion Ratio Lower Upper
112 100
64 64.2 53.3 79.9
63 34.9 28.0 42.0

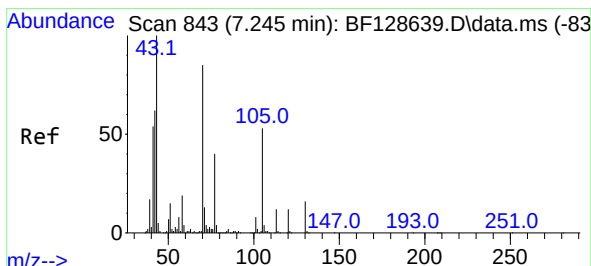
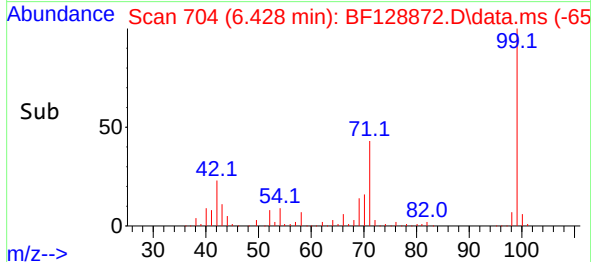
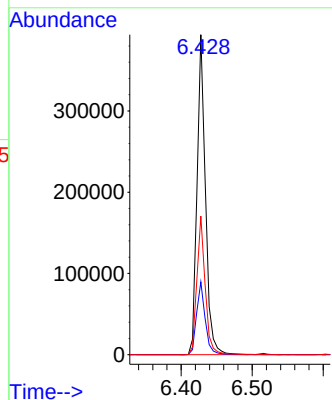
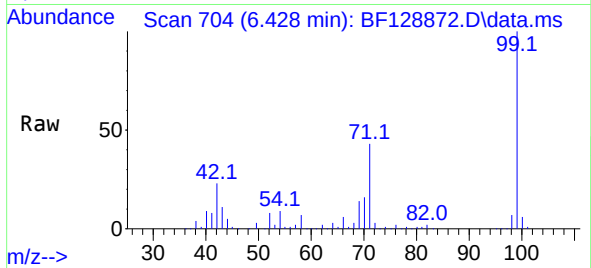




#7
Phenol-d6
Concen: 46.25 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.012 min
Lab File: BF128872.D
Acq: 20 Jun 2022 13:03

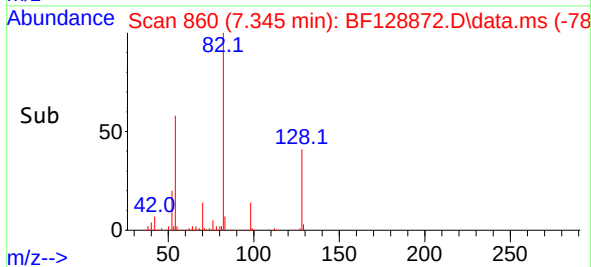
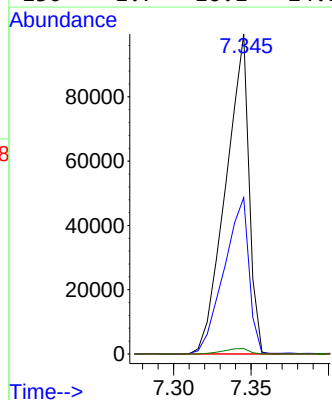
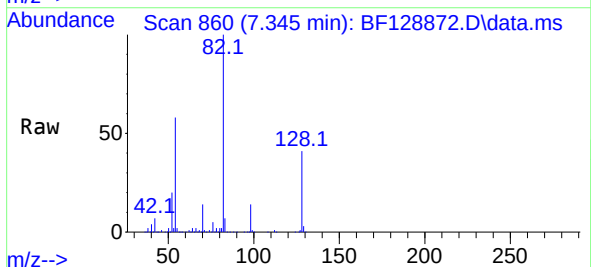
Instrument :
BNA_F
ClientSampleId :
MJS-MW-01

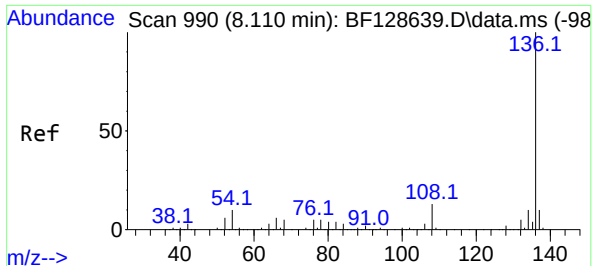
Tgt Ion: 99 Resp: 325658
Ion Ratio Lower Upper
99 100
42 22.8 17.3 25.9
71 43.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 23.64 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.147 min
Lab File: BF128872.D
Acq: 20 Jun 2022 13:03

Tgt Ion: 70 Resp: 103505
Ion Ratio Lower Upper
70 100
42 48.9 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.057 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128872.D

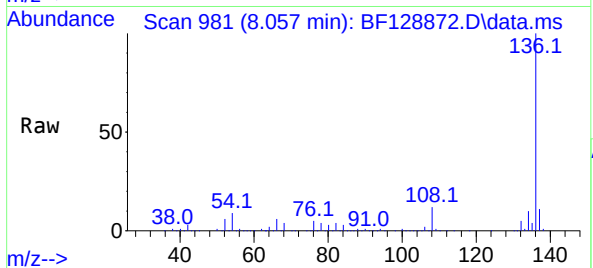
Acq: 20 Jun 2022 13:03

Instrument :

BNA_F

ClientSampleId :

MJS-MW-01



Tgt Ion:136 Resp: 360115

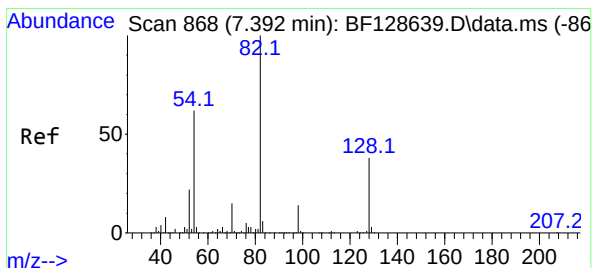
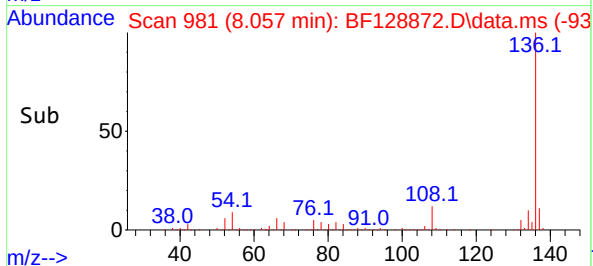
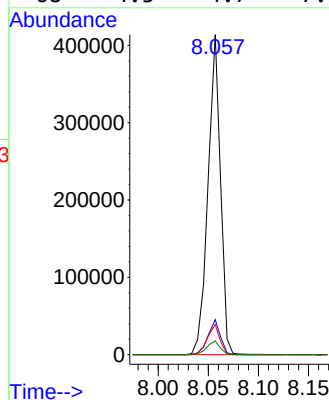
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.4 7.5 11.3

68 4.3 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 95.22 ng

RT: 7.345 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF128872.D

Acq: 20 Jun 2022 13:03

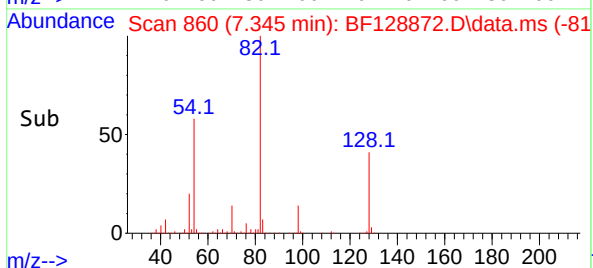
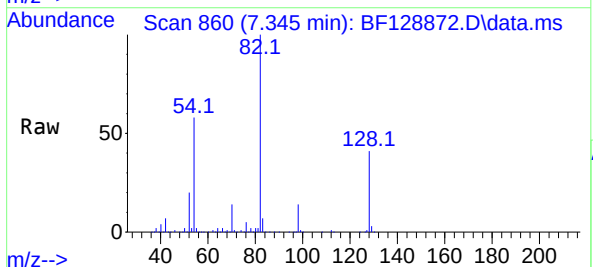
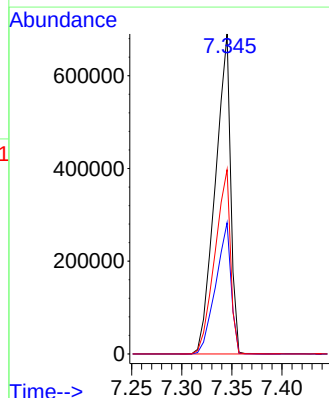
Tgt Ion: 82 Resp: 736521

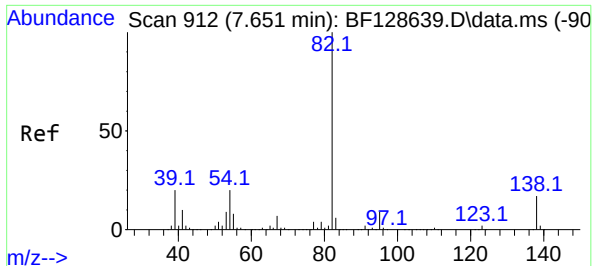
Ion Ratio Lower Upper

82 100

128 41.0 34.0 51.0

54 57.6 46.9 70.3

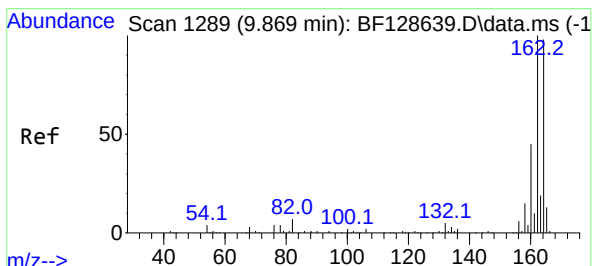
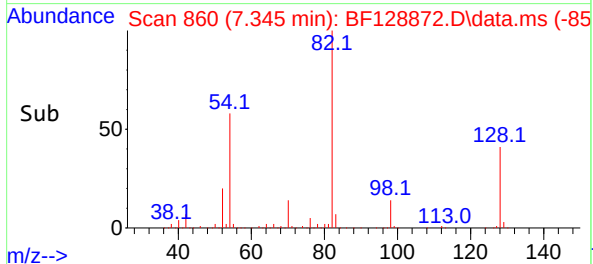
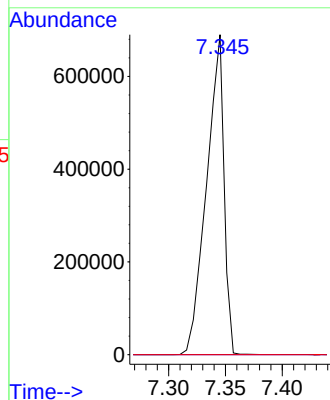
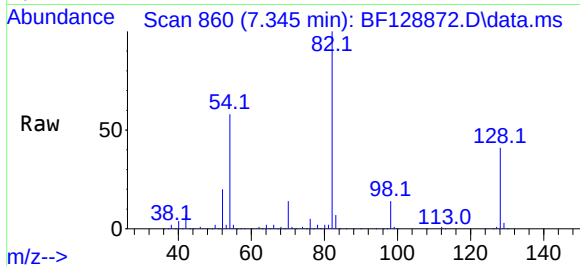




#25
Isophorone
Concen: 62.57 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128872.D
Acq: 20 Jun 2022 13:03

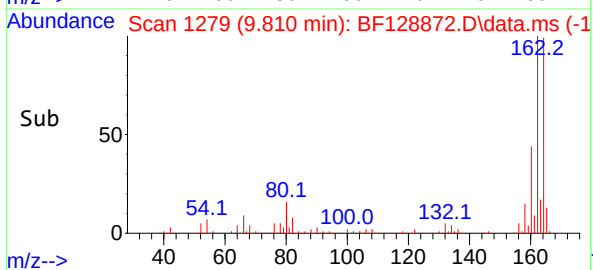
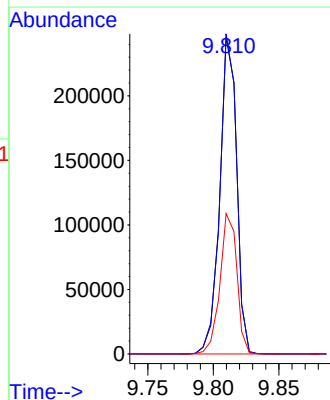
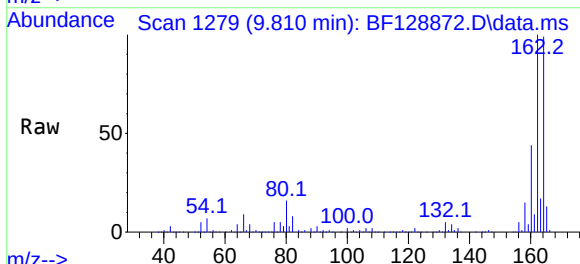
Instrument :
BNA_F
ClientSampleId :
MJS-MW-01

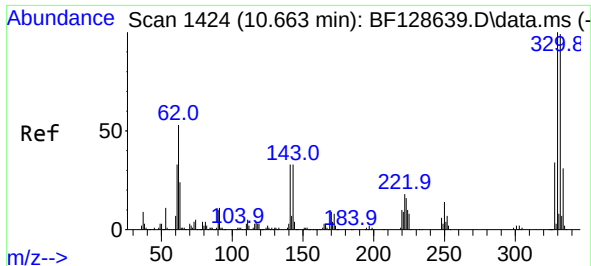
Tgt Ion: 82 Resp: 734991
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF128872.D
Acq: 20 Jun 2022 13:03

Tgt Ion: 164 Resp: 219043
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 146.59 ng

RT: 10.610 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BF128872.D

Acq: 20 Jun 2022 13:03

Instrument :

BNA_F

ClientSampleId :

MJS-MW-01

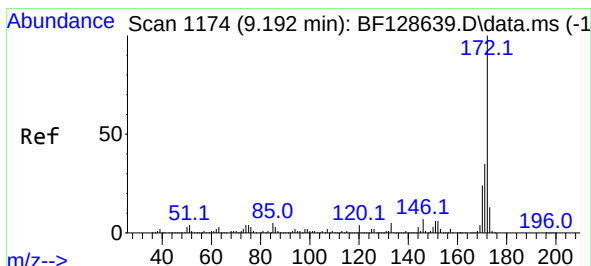
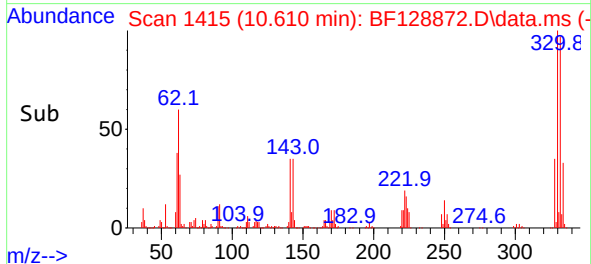
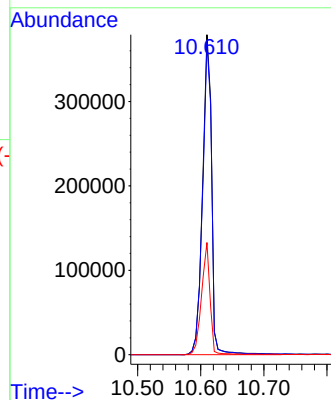
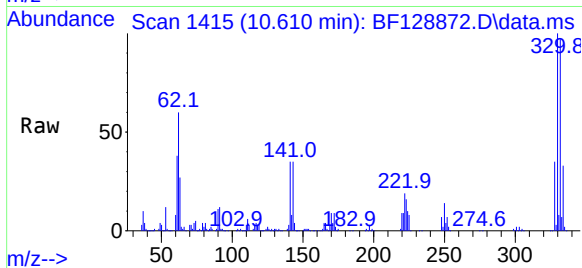
Tgt Ion:330 Resp: 379393

Ion Ratio Lower Upper

330 100

332 97.5 76.8 115.2

141 32.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 96.34 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF128872.D

Acq: 20 Jun 2022 13:03

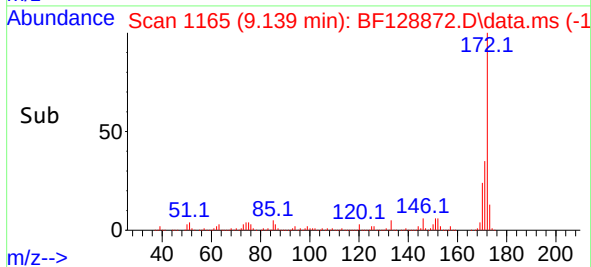
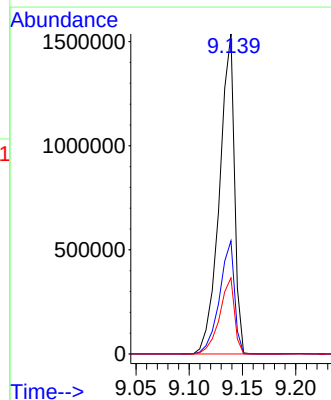
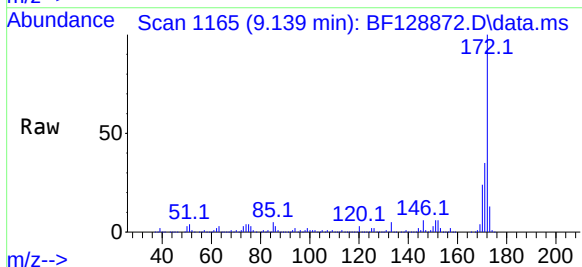
Tgt Ion:172 Resp: 1506423

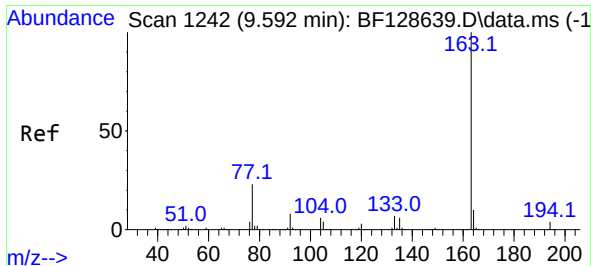
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.7 19.8 29.8

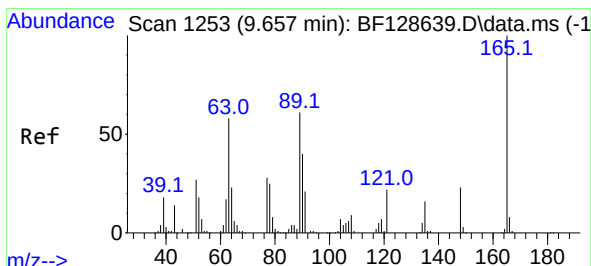
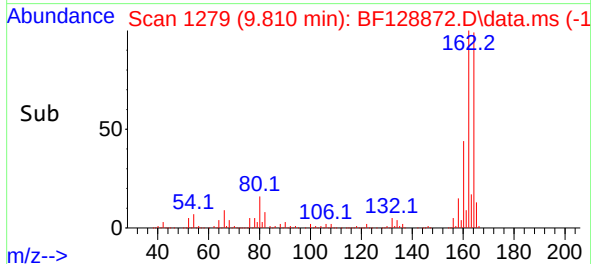
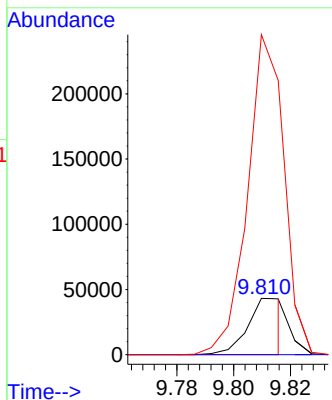
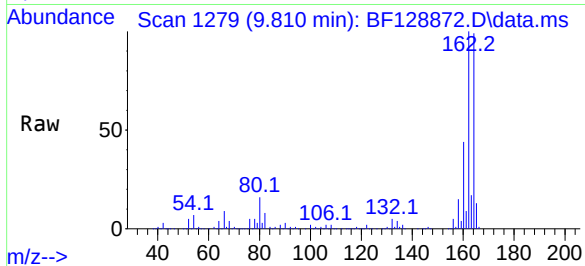




#50
Dimethylphthalate
Concen: 2.53 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.264 min
Lab File: BF128872.D
Acq: 20 Jun 2022 13:03

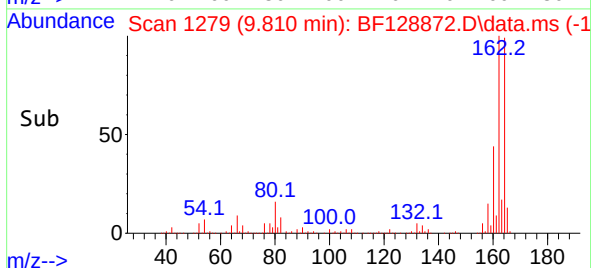
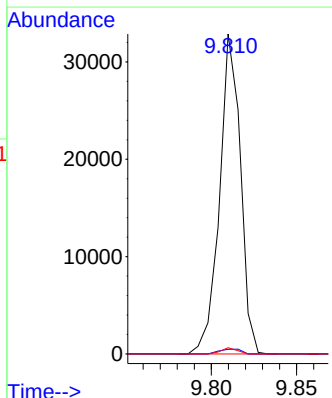
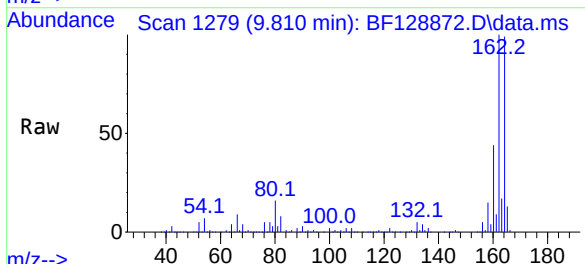
Instrument :
BNA_F
ClientSampleId :
MJS-MW-01

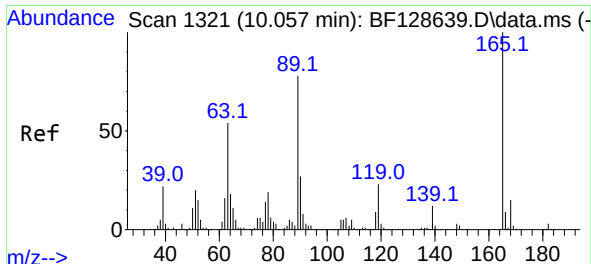
Tgt Ion:163 Resp: 37880
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 568.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.45 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.200 min
Lab File: BF128872.D
Acq: 20 Jun 2022 13:03

Tgt Ion:165 Resp: 27979
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 2.0 43.6 65.4#

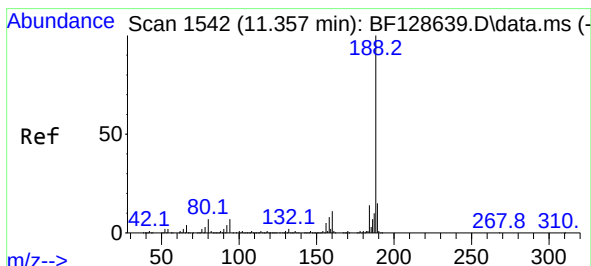
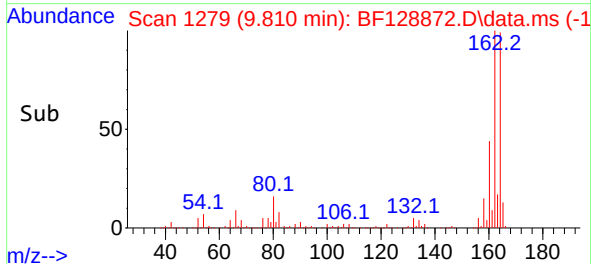
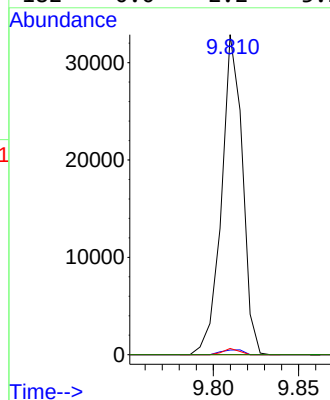
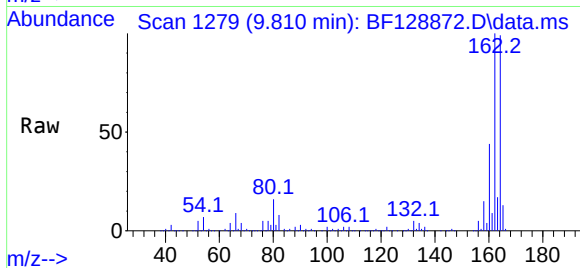




#57
2,4-Dinitrotoluene
Concen: 7.08 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128872.D
Acq: 20 Jun 2022 13:03

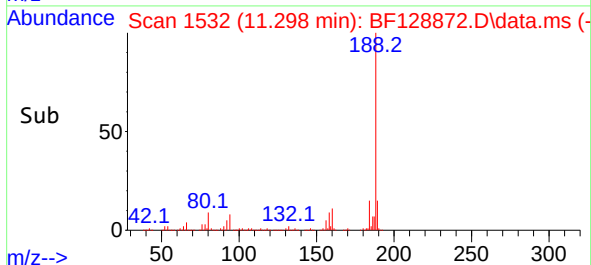
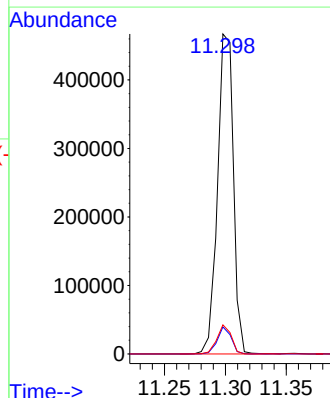
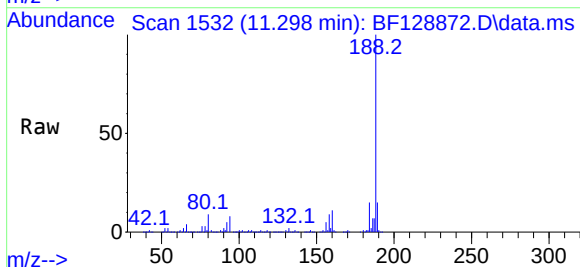
Instrument :
BNA_F
ClientSampleId :
MJS-MW-01

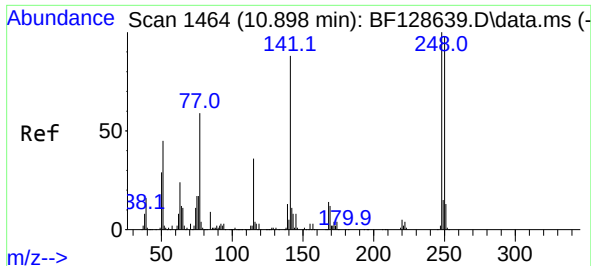
Tgt Ion:165	Resp:	27979
Ion	Ratio	Lower Upper
165	100	
63	1.4	39.8 59.6#
89	2.0	60.2 90.2#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF128872.D
Acq: 20 Jun 2022 13:03

Tgt Ion:188	Resp:	424795
Ion	Ratio	Lower Upper
188	100	
94	8.4	7.0 10.6
80	9.1	7.6 11.4

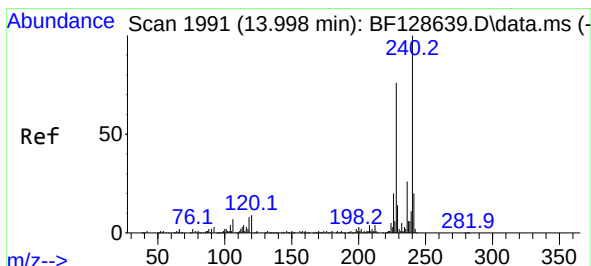
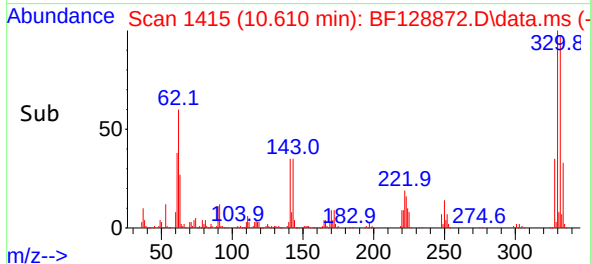
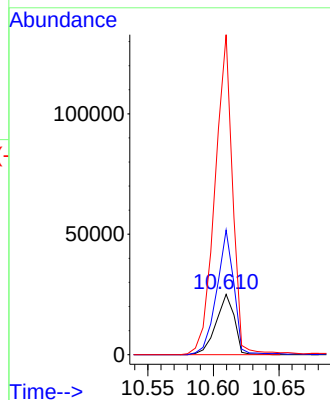
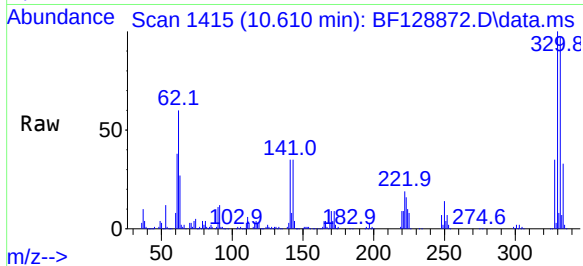




#67
4-Bromophenyl-phenylether
Concen: 5.14 ng
RT: 10.610 min Scan# 1464
Delta R.T. -0.236 min
Lab File: BF128872.D
Acq: 20 Jun 2022 13:03

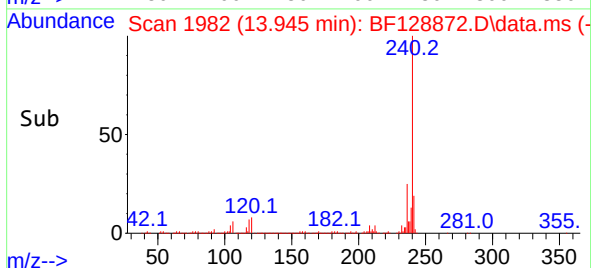
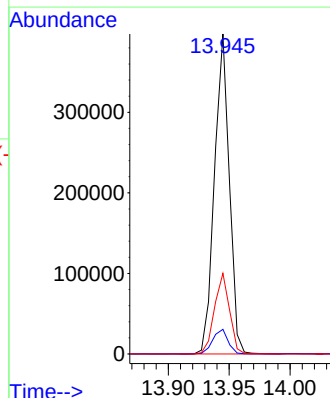
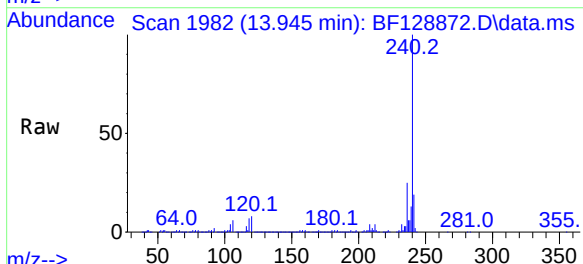
Instrument :
BNA_F
ClientSampleId :
MJS-MW-01

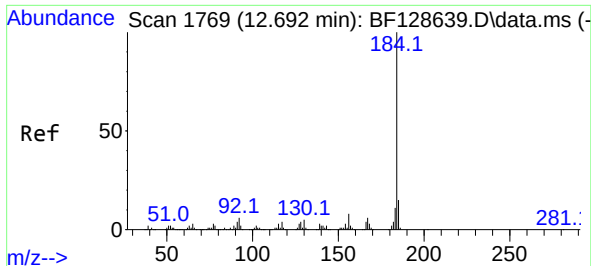
Tgt Ion:248 Resp: 24350
Ion Ratio Lower Upper
248 100
250 206.3 80.6 120.8#
141 529.8 58.9 88.3#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128872.D
Acq: 20 Jun 2022 13:03

Tgt Ion:240 Resp: 337365
Ion Ratio Lower Upper
240 100
120 7.7 8.9 13.3#
236 25.2 20.8 31.2

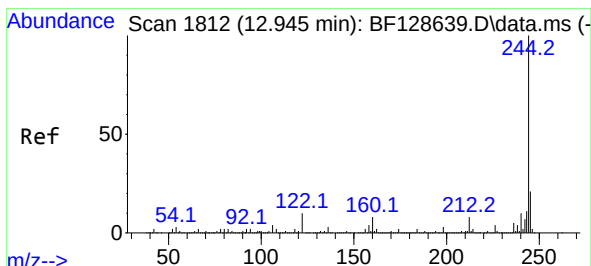
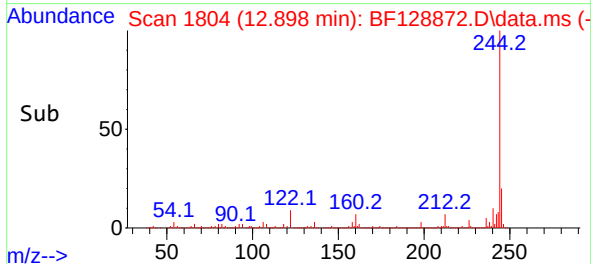
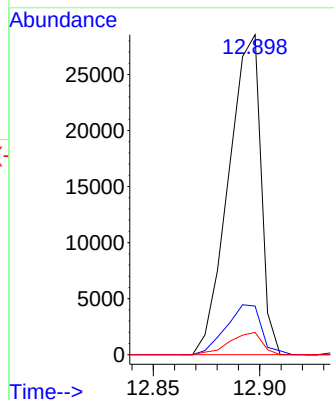
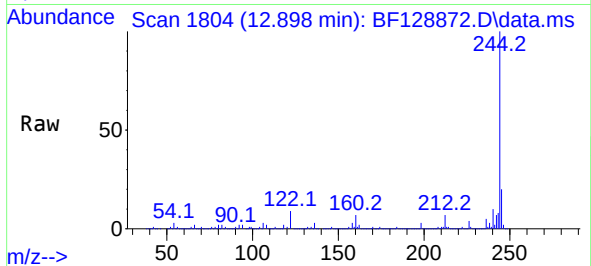




#77
Benzidine
Concen: 4.48 ng
RT: 12.898 min Scan# 1804
Delta R.T. 0.253 min
Lab File: BF128872.D
Acq: 20 Jun 2022 13:03

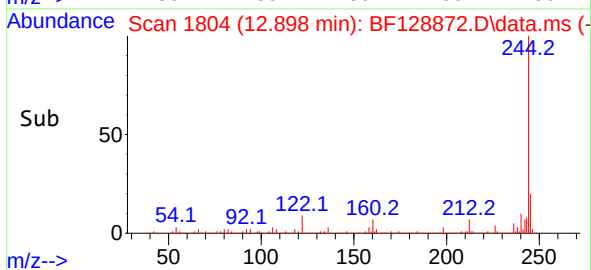
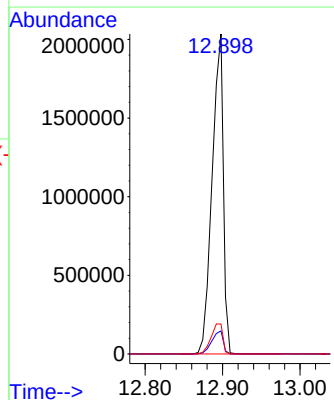
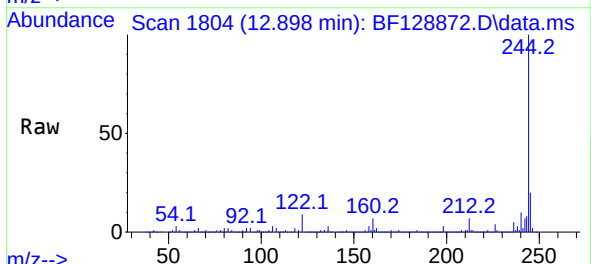
Instrument :
BNA_F
ClientSampleId :
MJS-MW-01

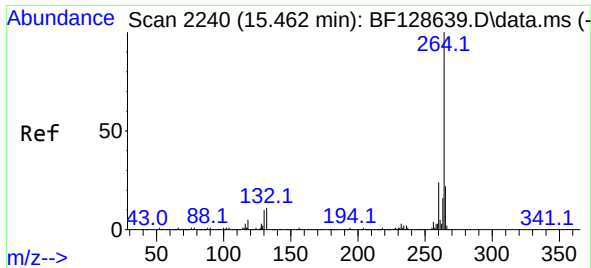
Tgt Ion:184 Resp: 30112
Ion Ratio Lower Upper
184 100
185 15.2 11.9 17.9
183 7.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 104.82 ng
RT: 12.898 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BF128872.D
Acq: 20 Jun 2022 13:03

Tgt Ion:244 Resp: 2035144
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 9.4 8.8 13.2





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.398 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF128872.D
 Acq: 20 Jun 2022 13:03

Instrument :
 BNA_F
 ClientSampleId :
 MJS-MW-01

Tgt Ion:264 Resp: 178465
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.5 17.2 25.8

