

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
 Data File : BF132473.D
 Acq On : 20 Feb 2023 11:25
 Operator : CG\JU
 Sample : PB150910BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150910BL

Quant Time: Feb 20 12:18:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 18 00:58:25 2023
 Response via : Initial Calibration

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

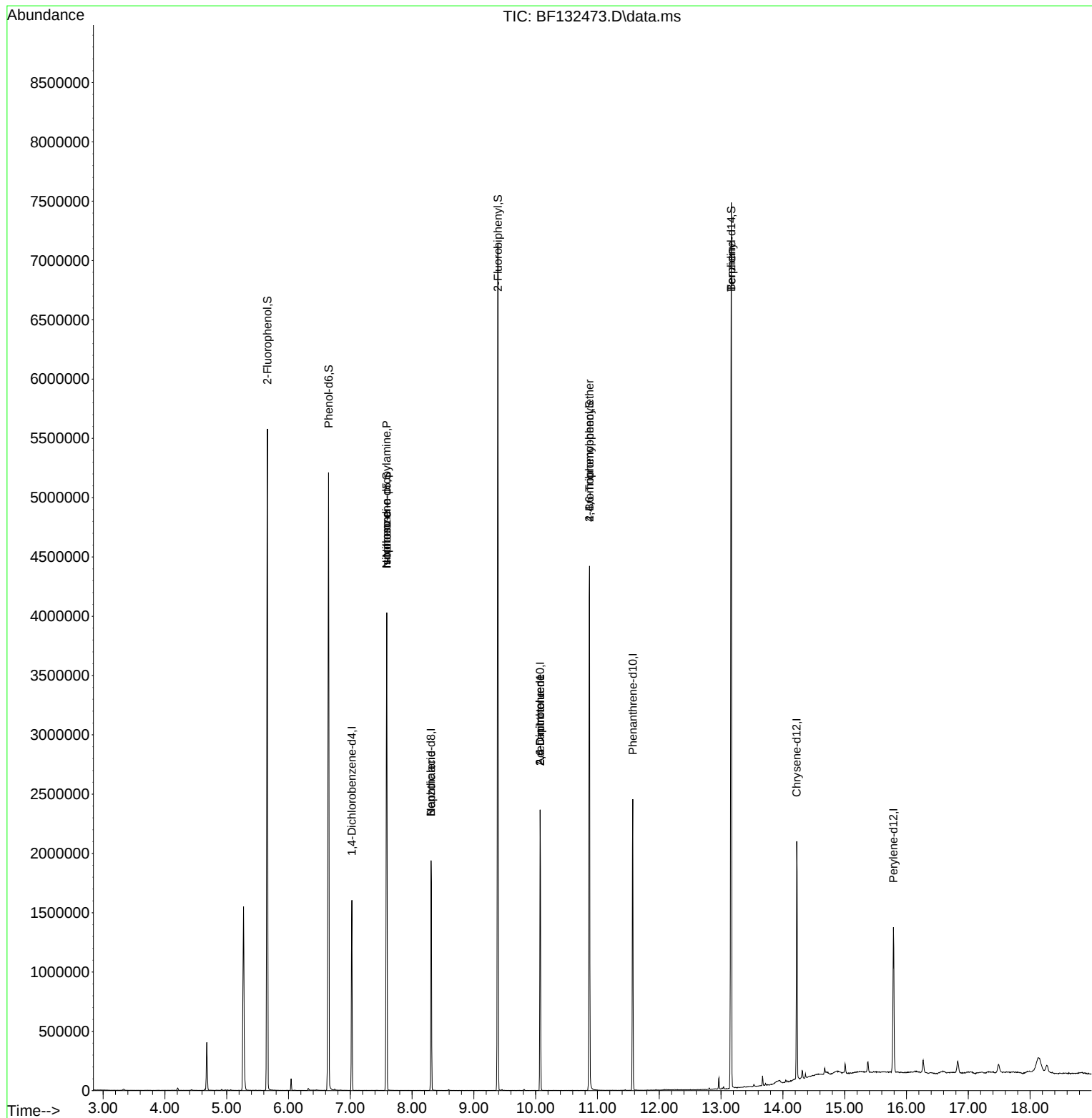
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.025	152	217148	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	835493	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	463457	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	892291	20.000	ng	0.00
76) Chrysene-d12	14.224	240	707833	20.000	ng	# 0.00
86) Perylene-d12	15.789	264	534958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1608293	118.678	ng	0.02
7) Phenol-d6	6.648	99	2110064	119.244	ng	0.00
23) Nitrobenzene-d5	7.589	82	1383424	79.561	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	549811	118.901	ng	0.00
45) 2-Fluorobiphenyl	9.389	172	2137650	71.229	ng	0.00
79) Terphenyl-d14	13.166	244	2776321	71.433	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.589	70	186444	17.187	ng	# 80
25) Isophorone	7.589	82	1382140	40.452	ng	# 68
32) Benzoic acid	8.307	122	179	7.166	ng	# 1
51) 2,6-Dinitrotoluene	10.072	165	60896	8.205	ng	# 20
57) 2,4-Dinitrotoluene	10.072	165	60896	6.233	ng	# 20
67) 4-Bromophenyl-phenylether	10.872	248	37026	3.786	ng	# 1
77) Benzidine	13.166	184	41689	2.766	ng	# 92

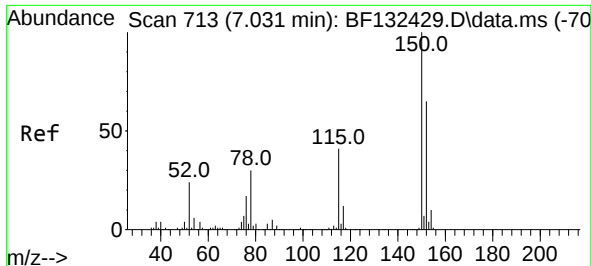
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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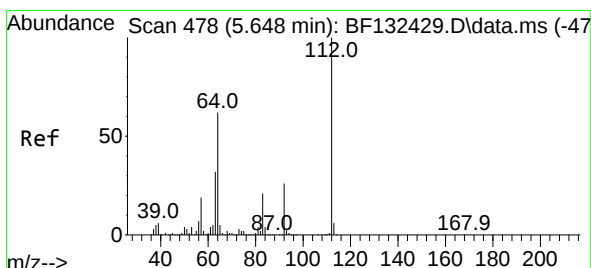
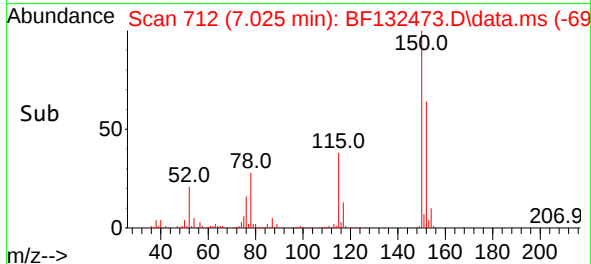
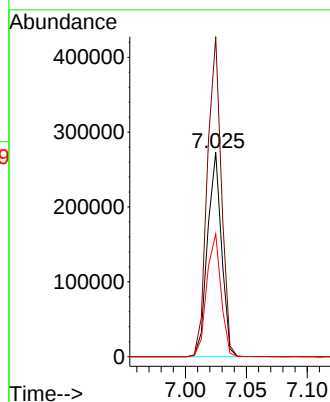
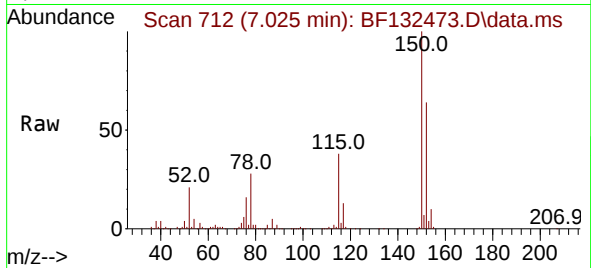




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.025 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

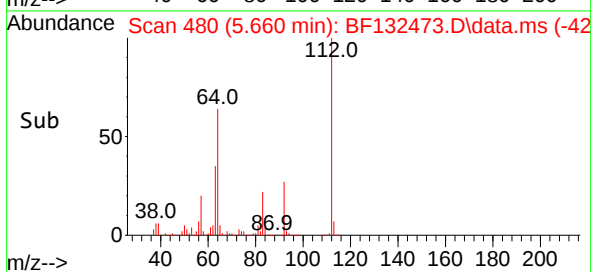
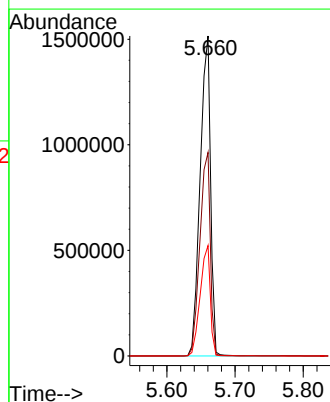
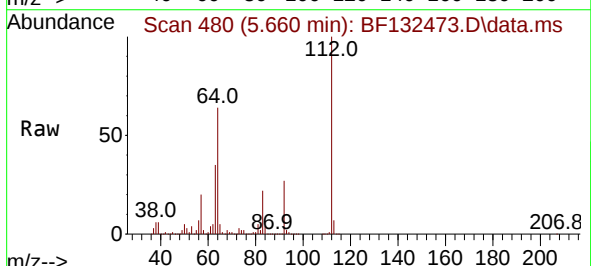
Instrument :
BNA_F
ClientSampleId :
PB150910BL

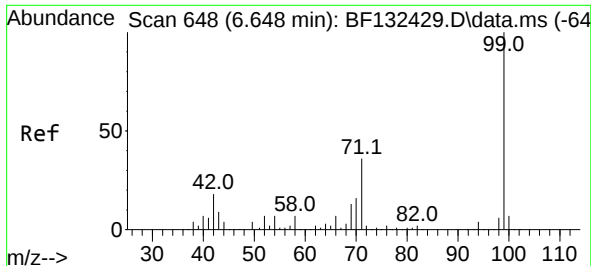
Tgt Ion:152 Resp: 217148
Ion Ratio Lower Upper
152 100
150 156.7 123.8 185.8
115 60.1 50.4 75.6



#5
2-Fluorophenol
Concen: 118.678 ng
RT: 5.660 min Scan# 480
Delta R.T. 0.018 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

Tgt Ion:112 Resp: 1608293
Ion Ratio Lower Upper
112 100
64 63.6 49.7 74.5
63 34.5 25.8 38.8

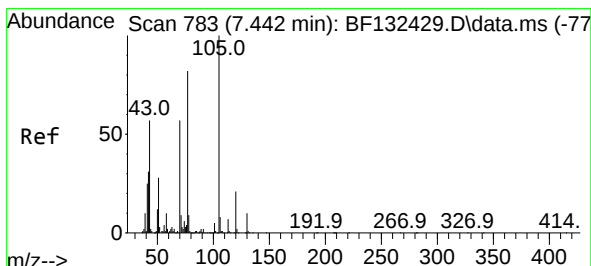
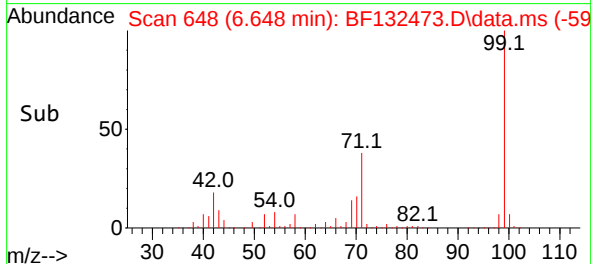
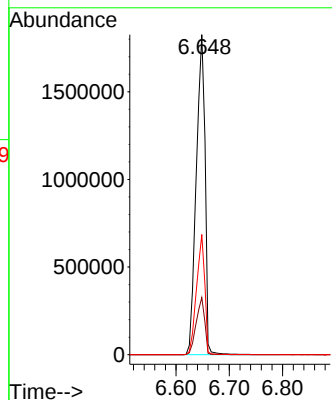
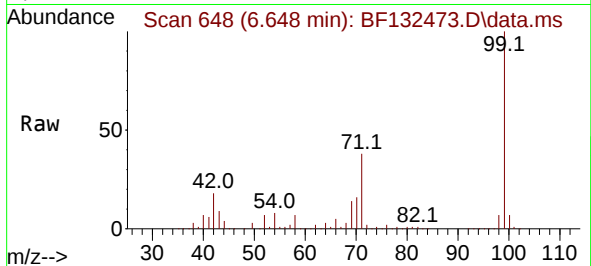




#7
Phenol-d6
Concen: 119.244 ng
RT: 6.648 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

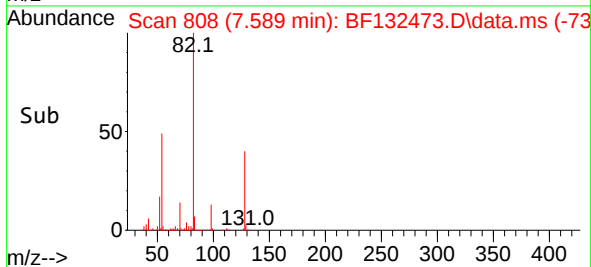
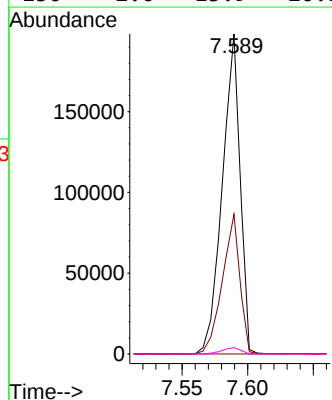
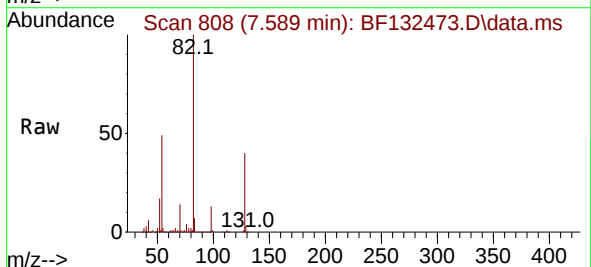
Instrument :
BNA_F
ClientSampleId :
PB150910BL

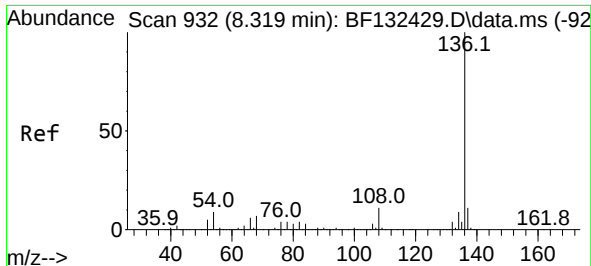
Tgt Ion: 99 Resp: 2110064
Ion Ratio Lower Upper
99 100
42 17.9 14.6 21.8
71 37.5 28.7 43.1



#19
n-Nitroso-di-n-propylamine
Concen: 17.187 ng
RT: 7.589 min Scan# 808
Delta R.T. 0.153 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

Tgt Ion: 70 Resp: 186444
Ion Ratio Lower Upper
70 100
42 43.7 43.5 65.3
101 0.0 7.3 10.9#
130 2.0 13.9 20.9#



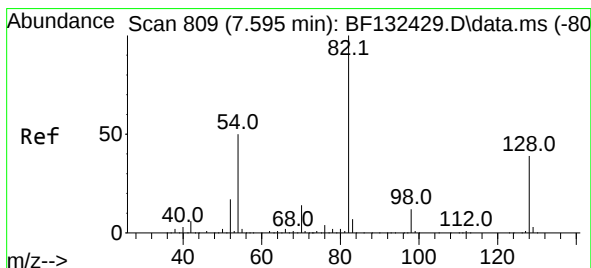
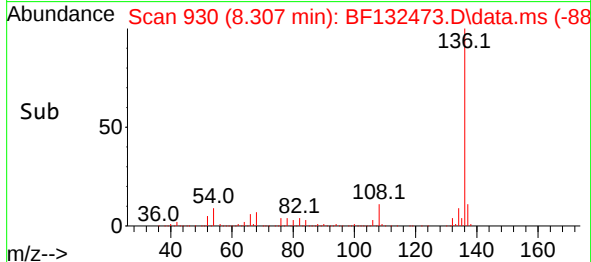
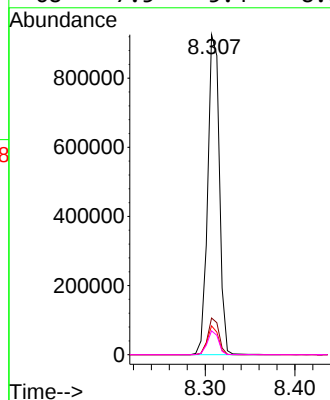
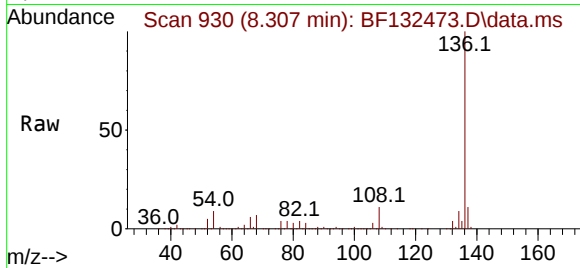


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.307 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

Instrument :
BNA_F
ClientSampleId :
PB150910BL

Tgt Ion:136 Resp: 835493

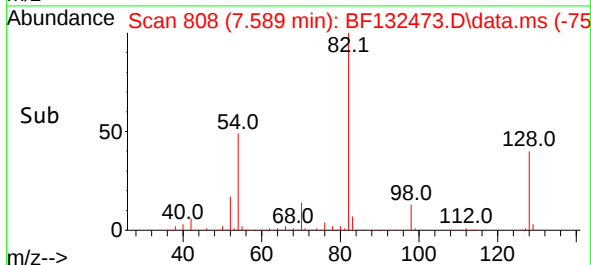
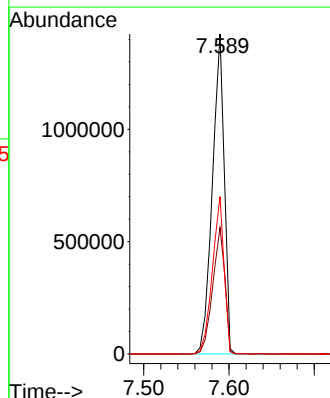
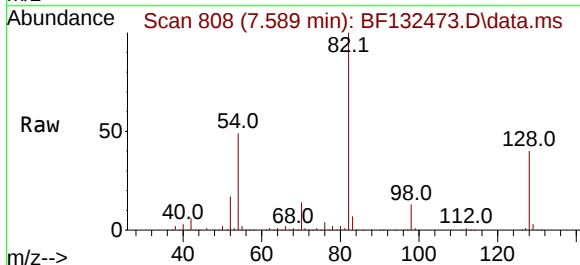
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	9.0	6.9	10.3
68	7.5	5.4	8.0

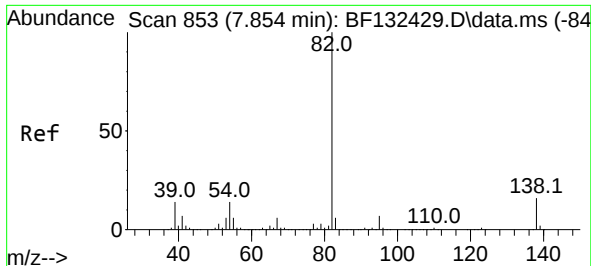


#23
Nitrobenzene-d5
Concen: 79.561 ng
RT: 7.589 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

Tgt Ion: 82 Resp: 1383424

Ion	Ratio	Lower	Upper
82	100		
128	39.5	30.8	46.2
54	49.2	40.2	60.4

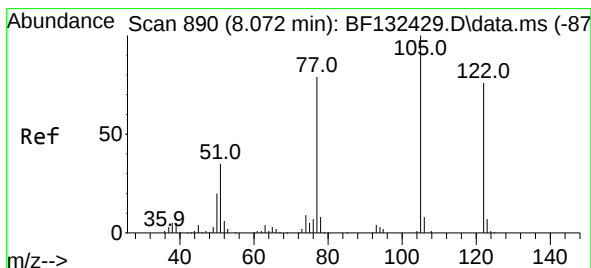
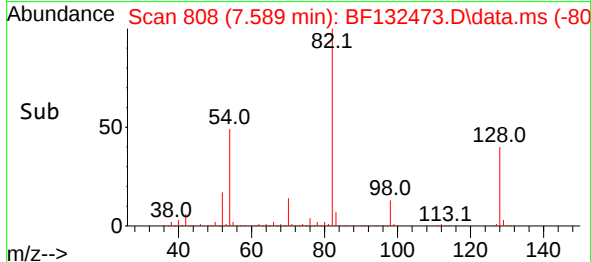
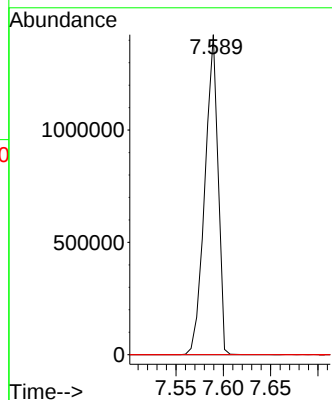
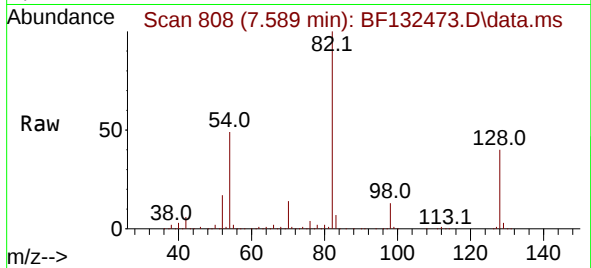




#25
Isophorone
Concen: 40.452 ng
RT: 7.589 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

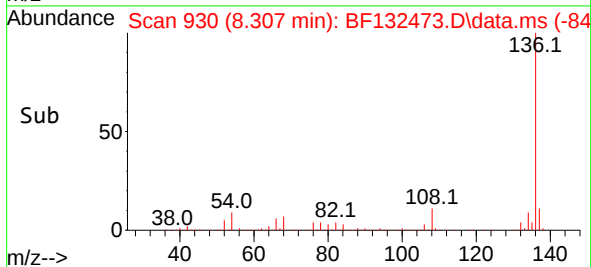
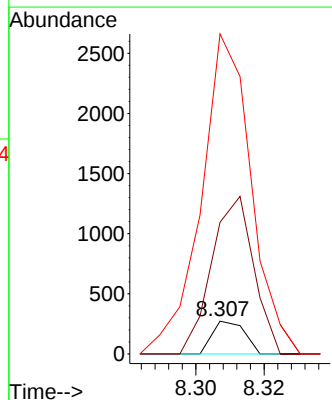
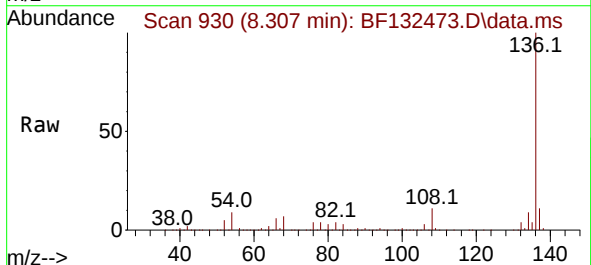
Instrument :
BNA_F
ClientSampleId :
PB150910BL

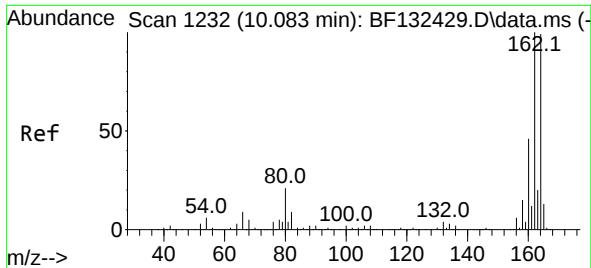
Tgt Ion: 82 Resp: 1382140
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 7.166 ng
RT: 8.307 min Scan# 930
Delta R.T. 0.229 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

Tgt Ion:122 Resp: 179
Ion Ratio Lower Upper
122 100
105 402.6 109.7 149.7#
77 978.3 83.8 123.8#

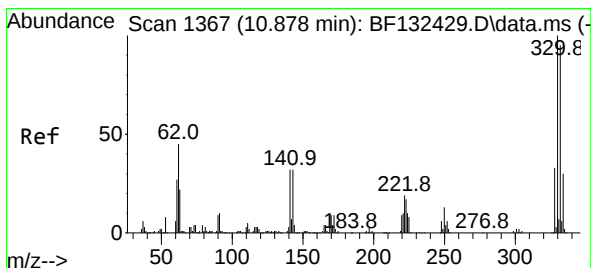
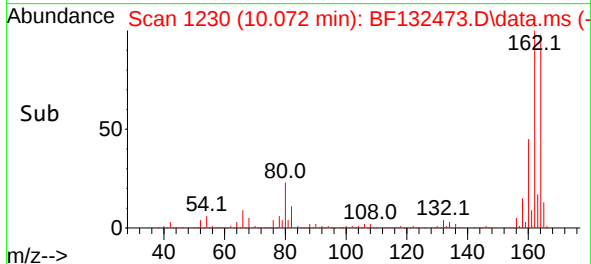
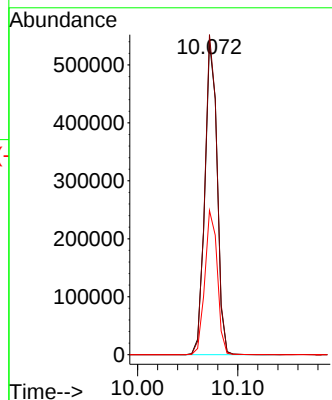
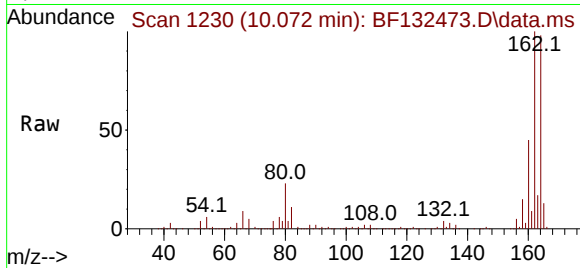




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.072 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

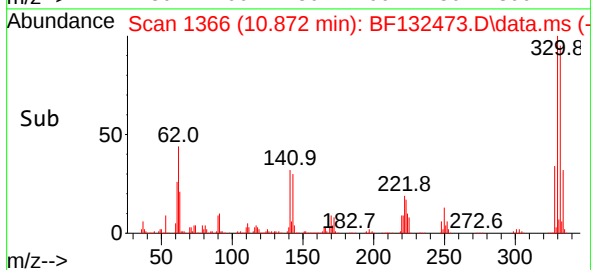
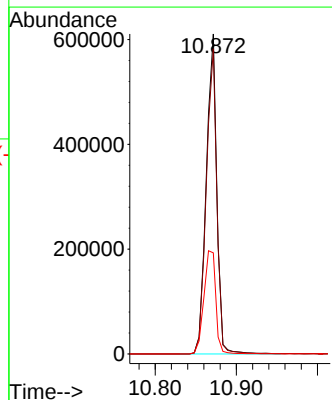
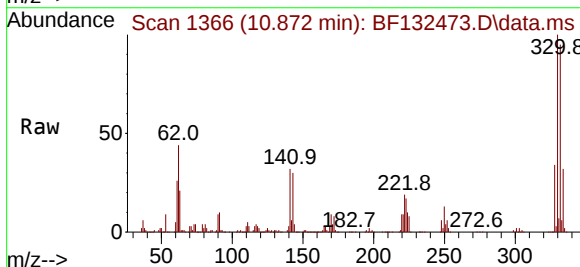
Instrument :
BNA_F
ClientSampleId :
PB150910BL

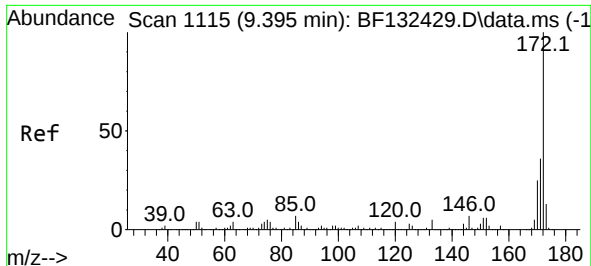
Tgt Ion:164 Resp: 463457
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 46.1 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 118.901 ng
RT: 10.872 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

Tgt Ion:330 Resp: 549811
Ion Ratio Lower Upper
330 100
332 95.9 76.3 114.5
141 36.6 30.3 45.5





#45

2-Fluorobiphenyl

Concen: 71.229 ng

RT: 9.389 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF132473.D

Acq: 20 Feb 2023 11:25

Instrument :

BNA_F

ClientSampleId :

PB150910BL

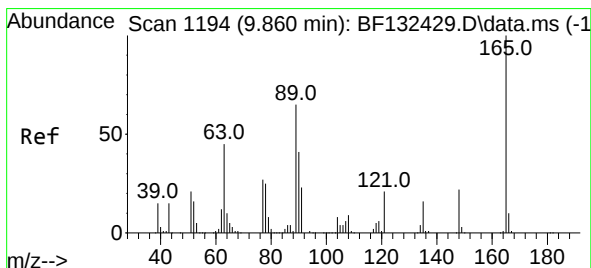
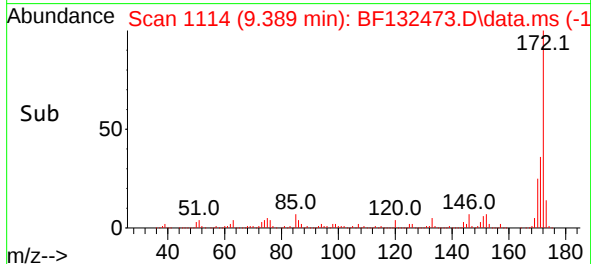
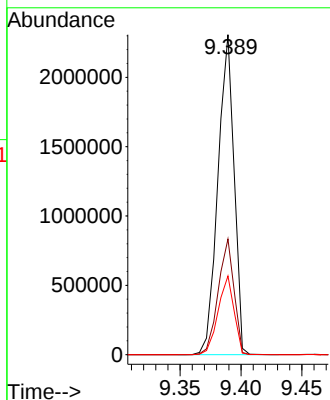
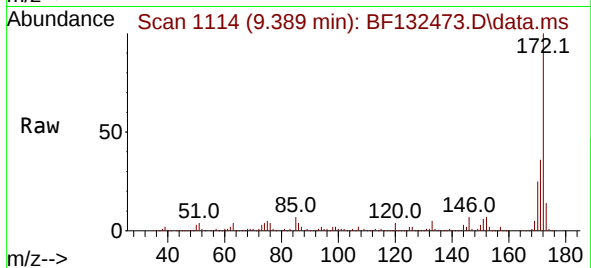
Tgt Ion:172 Resp: 2137650

Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

170 24.6 19.9 29.9



#51

2,6-Dinitrotoluene

Concen: 8.205 ng

RT: 10.072 min Scan# 1230

Delta R.T. 0.218 min

Lab File: BF132473.D

Acq: 20 Feb 2023 11:25

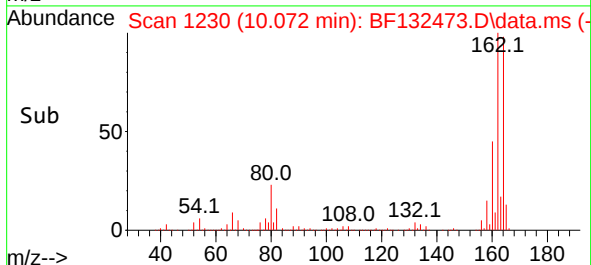
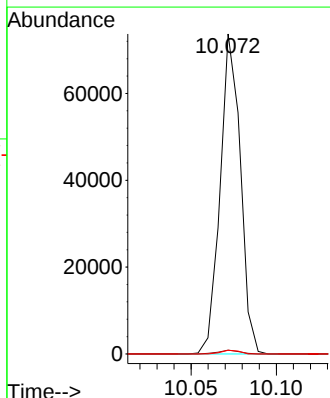
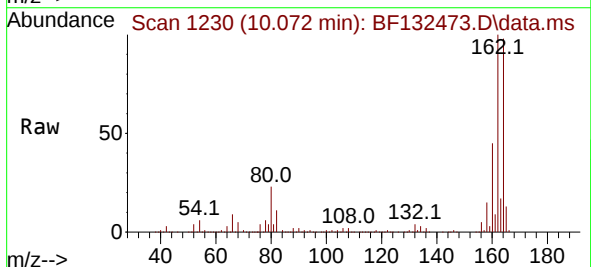
Tgt Ion:165 Resp: 60896

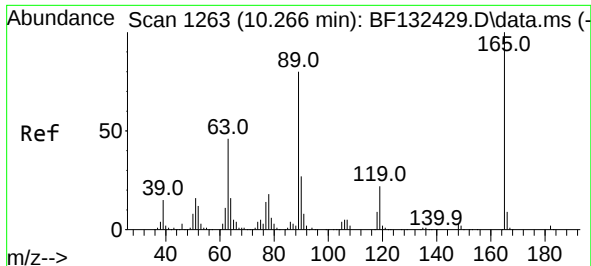
Ion Ratio Lower Upper

165 100

63 1.2 50.4 75.6#

89 1.2 52.2 78.2#

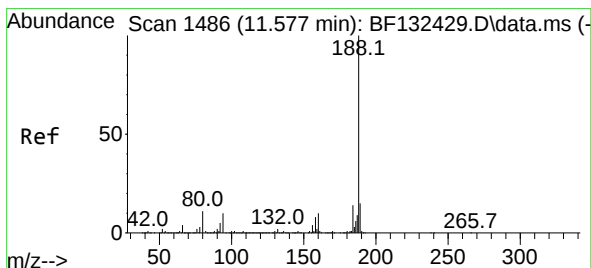
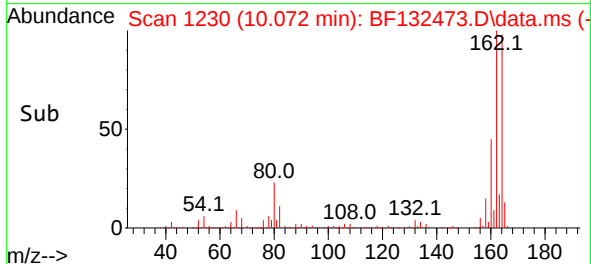
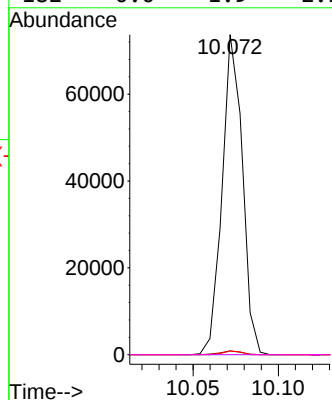
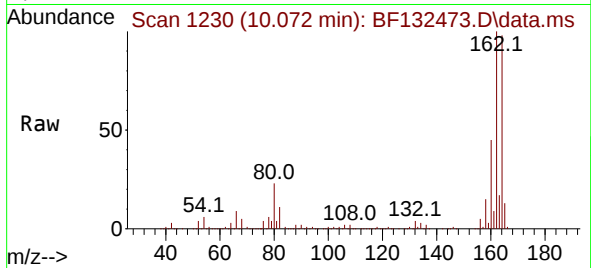




#57
2,4-Dinitrotoluene
Concen: 6.233 ng
RT: 10.072 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

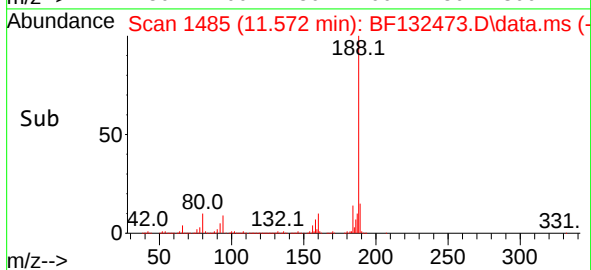
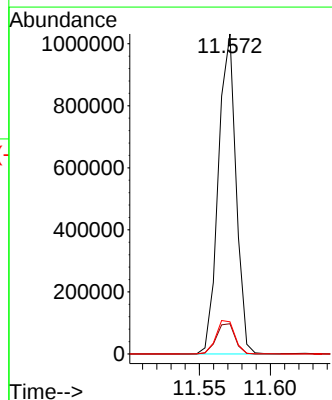
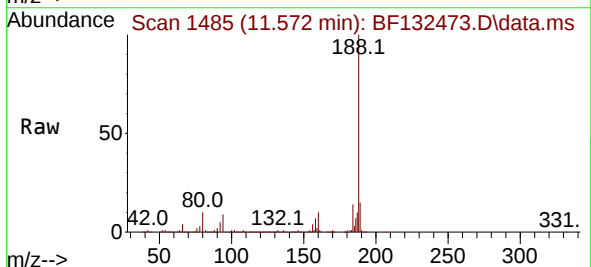
Instrument :
BNA_F
ClientSampleId :
PB150910BL

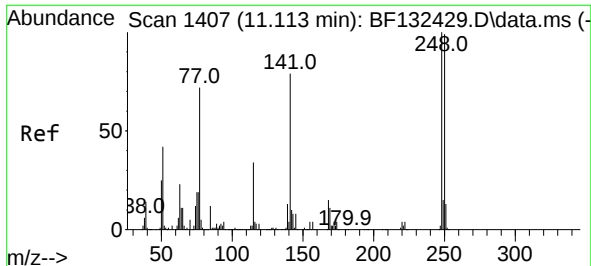
Tgt Ion:165 Resp: 60896
Ion Ratio Lower Upper
165 100
63 1.2 37.1 55.7#
89 1.2 63.6 95.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.572 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

Tgt Ion:188 Resp: 892291
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.0 8.6 12.8





#67

4-Bromophenyl-phenylether

Concen: 3.786 ng

RT: 10.872 min Scan# 11

Delta R.T. -0.235 min

Lab File: BF132473.D

Acq: 20 Feb 2023 11:25

Instrument :

BNA_F

ClientSampleId :

PB150910BL

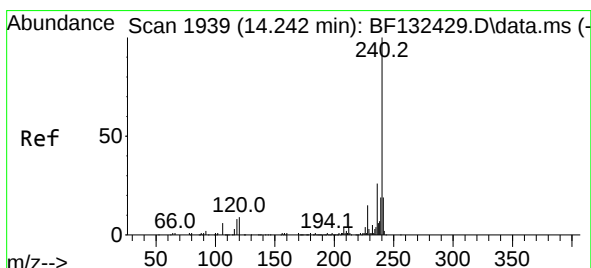
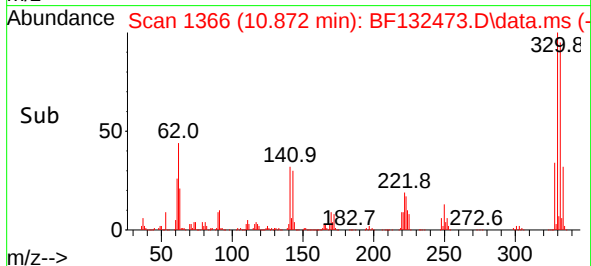
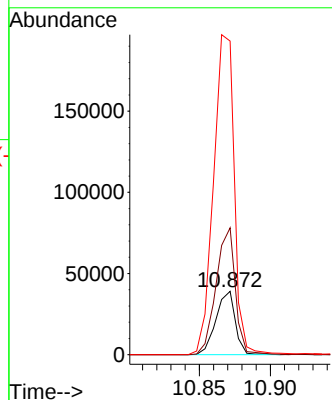
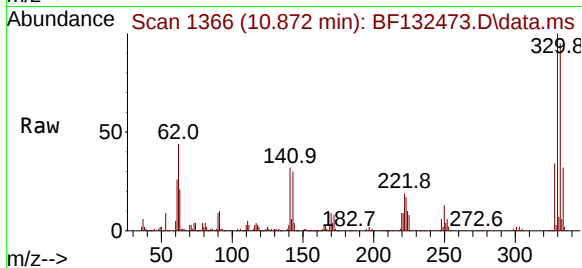
Tgt Ion:248 Resp: 37026

Ion Ratio Lower Upper

248 100

250 200.4 79.0 118.4#

141 495.3 63.3 94.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.224 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BF132473.D

Acq: 20 Feb 2023 11:25

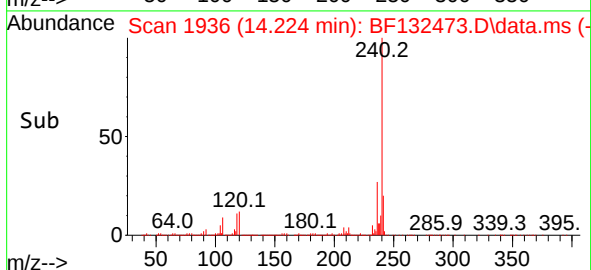
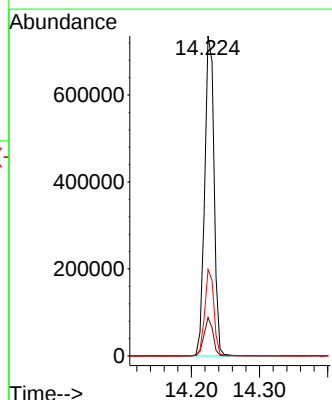
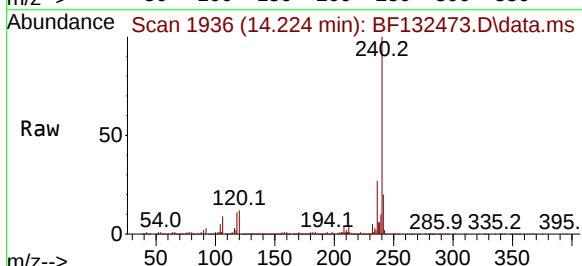
Tgt Ion:240 Resp: 707833

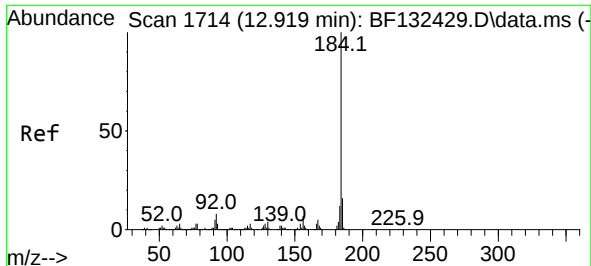
Ion Ratio Lower Upper

240 100

120 12.0 7.5 11.3#

236 27.0 21.0 31.6

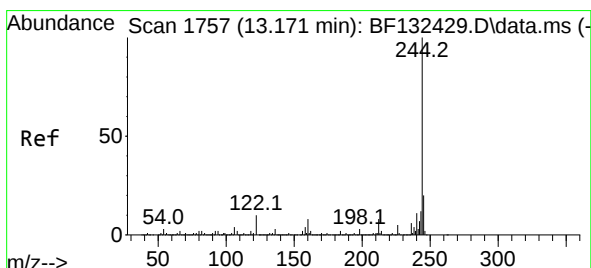
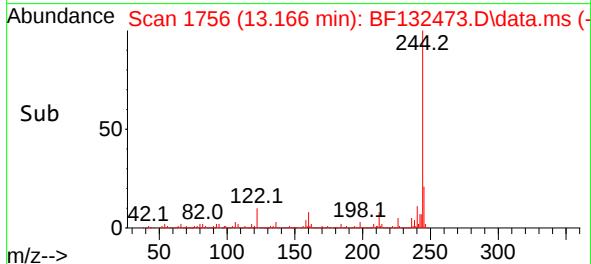
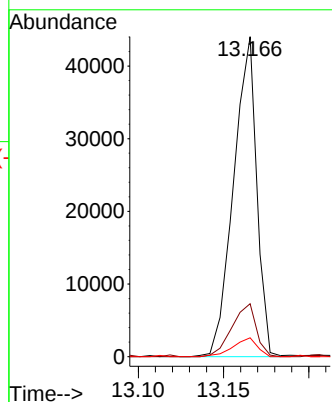
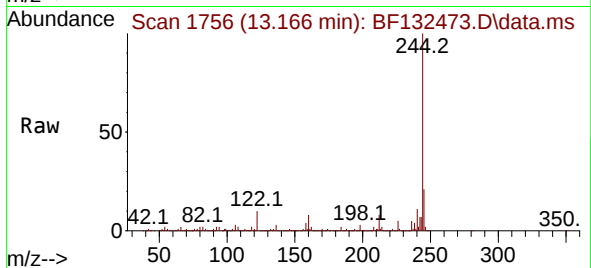




#77
Benzidine
Concen: 2.766 ng
RT: 13.166 min Scan# 1756
Delta R.T. 0.253 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

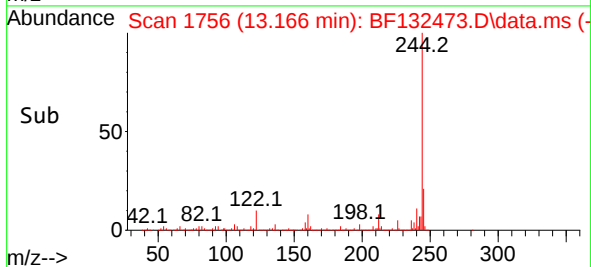
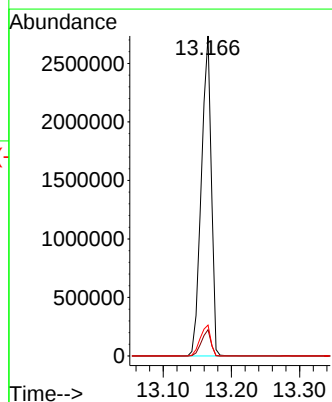
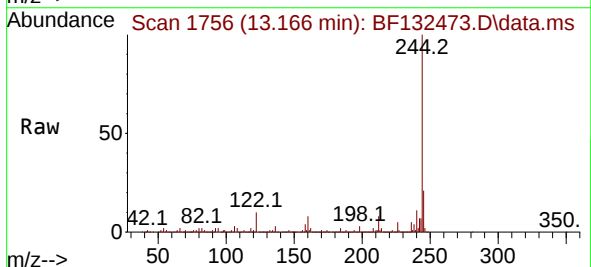
Instrument :
BNA_F
ClientSampleId :
PB150910BL

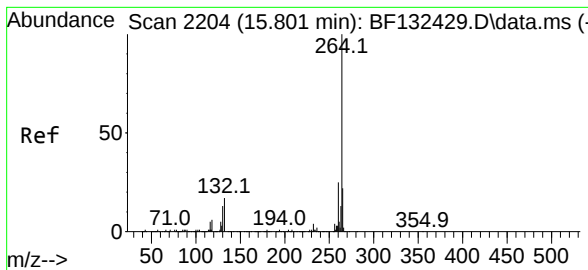
Tgt Ion:184 Resp: 41689
Ion Ratio Lower Upper
184 100
185 16.6 12.4 18.6
183 5.9 9.2 13.8#



#79
Terphenyl-d14
Concen: 71.433 ng
RT: 13.166 min Scan# 1756
Delta R.T. 0.006 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

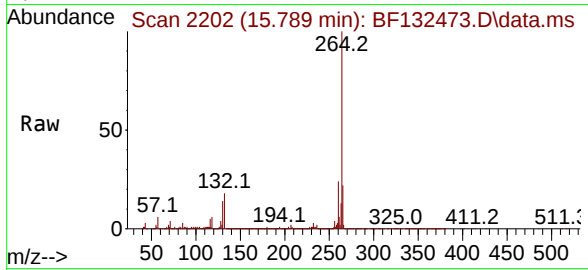
Tgt Ion:244 Resp: 2776321
Ion Ratio Lower Upper
244 100
212 8.2 6.7 10.1
122 9.7 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.789 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF132473.D
 Acq: 20 Feb 2023 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB150910BL



Tgt Ion:264 Resp: 534958

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.0	30.0
265	22.1	17.2	25.8

