

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
 Data File : BF132048.D
 Acq On : 12 Jan 2023 18:46
 Operator : CG\JU
 Sample : 01106-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-3

Quant Time: Jan 13 01:36:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

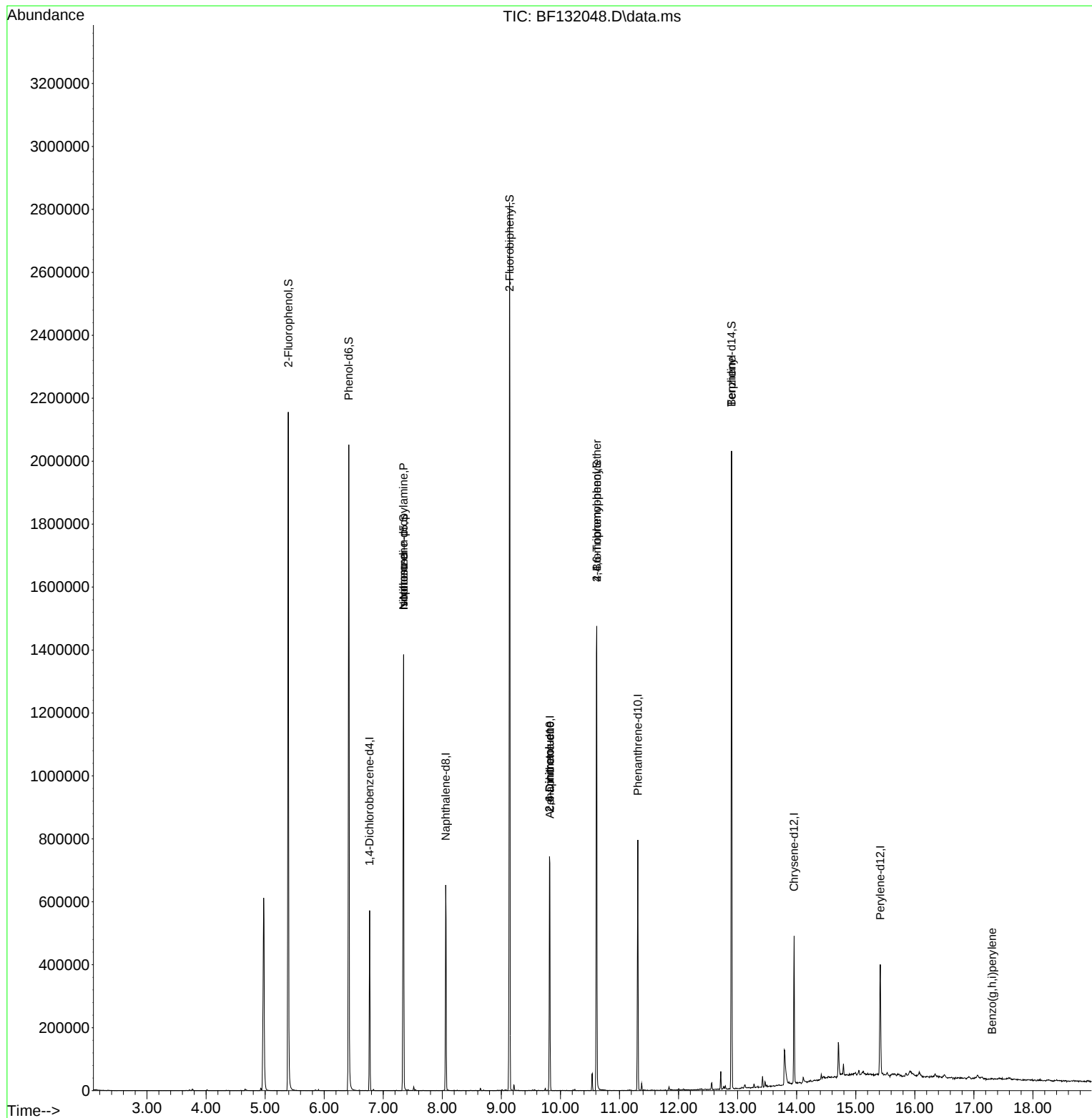
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	74074	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	269867	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	154059	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	262851	20.000	ng	0.00
76) Chrysene-d12	13.957	240	139925	20.000	ng	0.00
86) Perylene-d12	15.415	264	150376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	511875	113.867	ng	0.01
7) Phenol-d6	6.416	99	671634	112.684	ng	0.00
23) Nitrobenzene-d5	7.345	82	480468	73.892	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	164263	92.734	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	828590	72.606	ng	0.00
79) Terphenyl-d14	12.898	244	671350	68.767	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	68137	15.803	ng	# 79
25) Isophorone	7.345	82	479120	39.443	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	19321	7.650	ng	# 22
57) 2,4-Dinitrotoluene	9.816	165	19321	5.722	ng	# 13
67) 4-Bromophenyl-phenylether	10.616	248	10921	3.321	ng	# 1
77) Benzidine	12.898	184	11171	2.403	ng	# 93
92) Benzo(g,h,i)perylene	17.309	276	583	3.590	ng	# 55

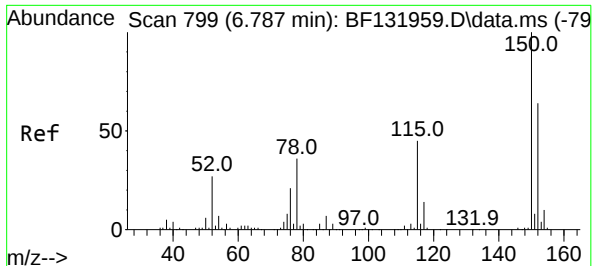
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132048.D
Acq On : 12 Jan 2023 18:46
Operator : CG\JU
Sample : 01106-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-3

Quant Time: Jan 13 01:36:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 23:59:08 2023
Response via : Initial Calibration

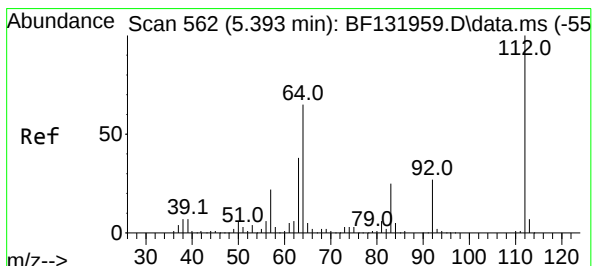
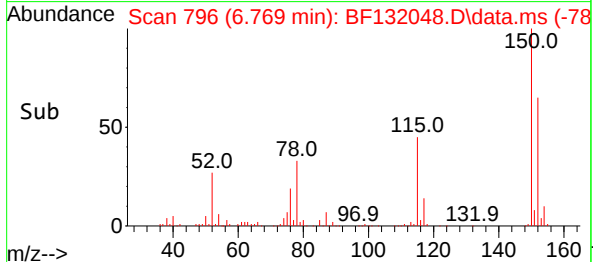
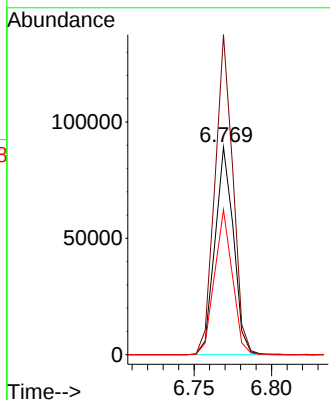
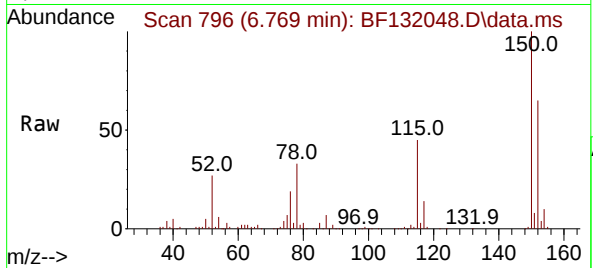




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132048.D
Acq: 12 Jan 2023 18:46

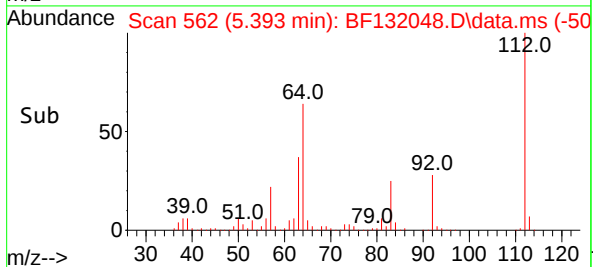
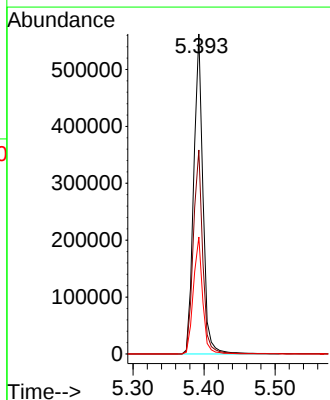
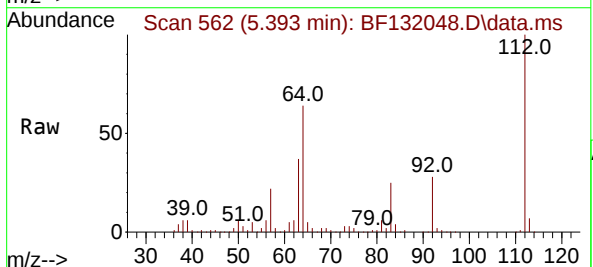
Instrument :
BNA_F
ClientSampleId :
MH-3

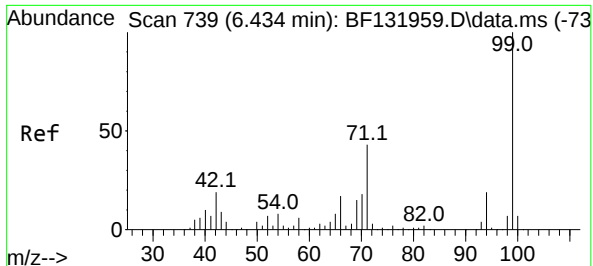
Tgt Ion:152 Resp: 74074
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 69.7 55.6 83.4



#5
2-Fluorophenol
Concen: 113.867 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF132048.D
Acq: 12 Jan 2023 18:46

Tgt Ion:112 Resp: 511875
Ion Ratio Lower Upper
112 100
64 63.8 51.9 77.9
63 36.5 30.2 45.2





#7
Phenol-d6
Concen: 112.684 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132048.D
Acq: 12 Jan 2023 18:46

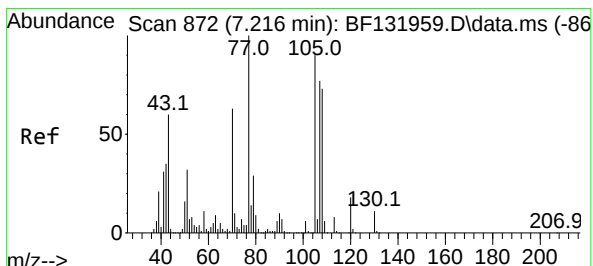
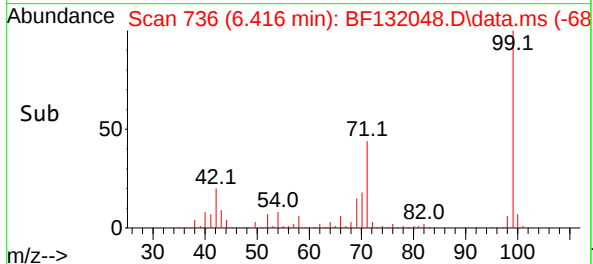
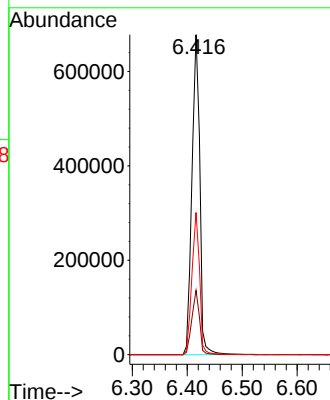
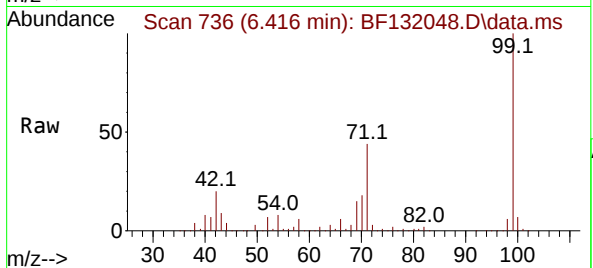
Instrument :

BNA_F

ClientSampleId :

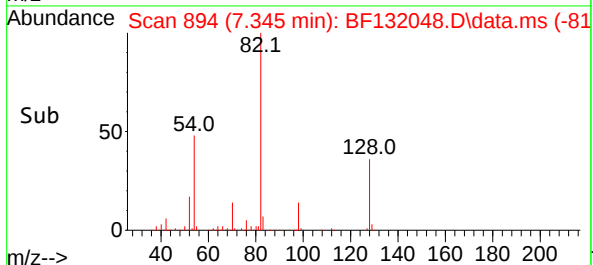
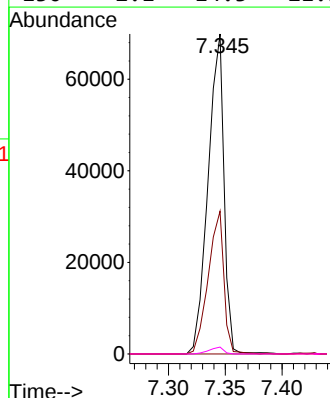
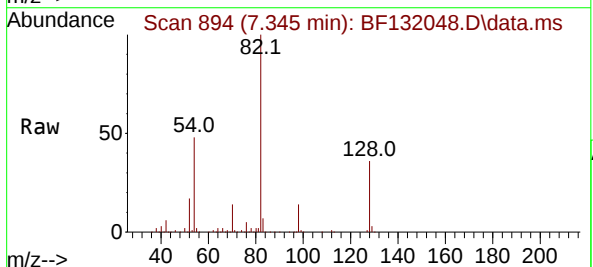
MH-3

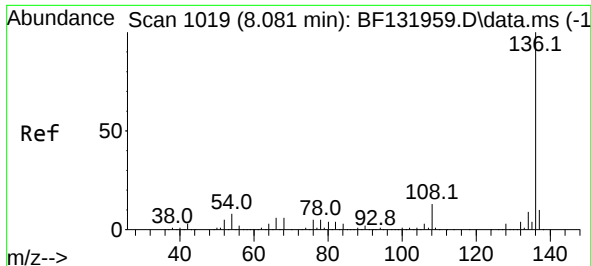
Tgt Ion: 99 Resp: 671634
Ion Ratio Lower Upper
99 100
42 20.1 15.4 23.2
71 44.4 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.803 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.147 min
Lab File: BF132048.D
Acq: 12 Jan 2023 18:46

Tgt Ion: 70 Resp: 68137
Ion Ratio Lower Upper
70 100
42 44.6 44.3 66.5
101 0.0 7.5 11.3#
130 2.1 14.3 21.5#



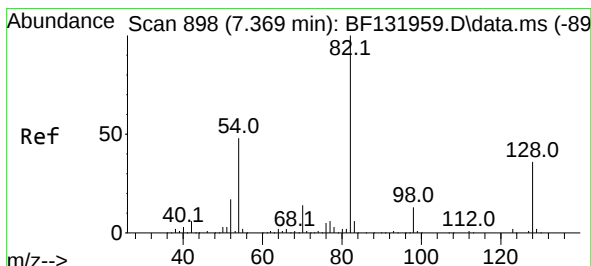
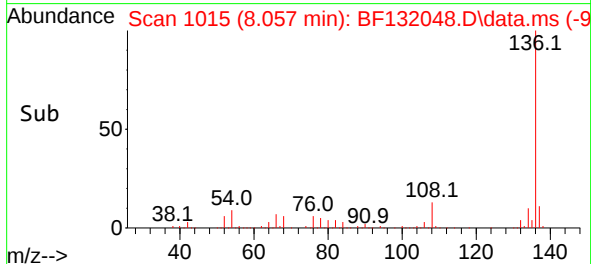
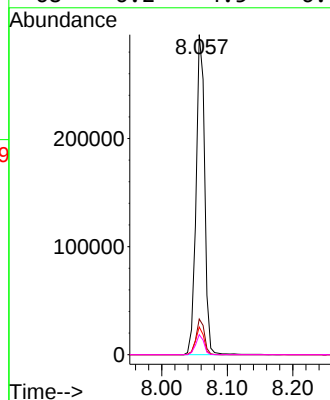
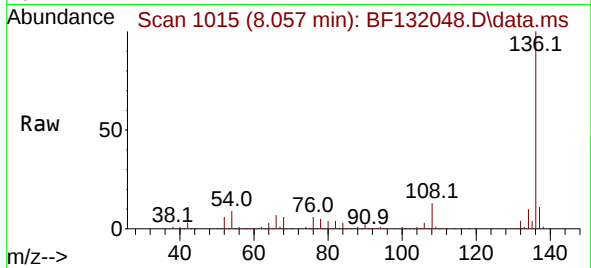


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF132048.D
Acq: 12 Jan 2023 18:46

Instrument :
BNA_F
ClientSampleId :
MH-3

Tgt Ion:136 Resp: 269867

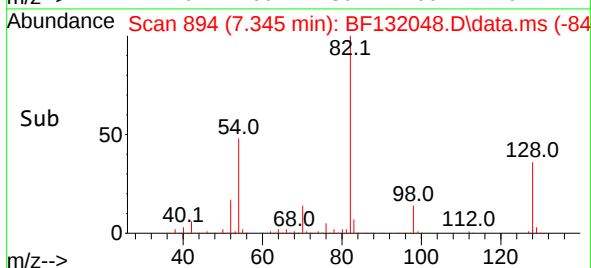
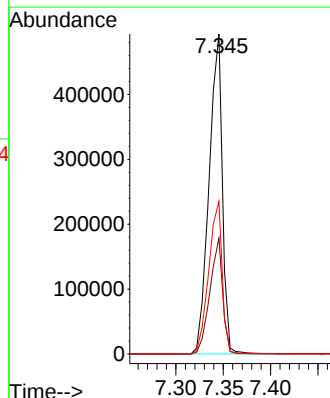
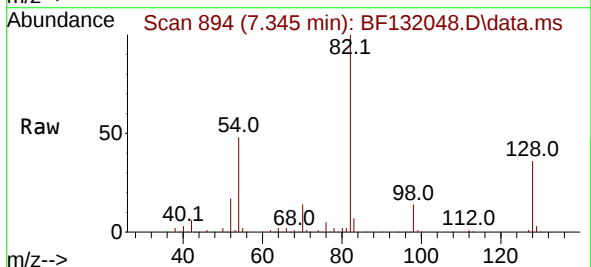
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.2
54	8.7	6.6	9.8
68	6.2	4.5	6.7

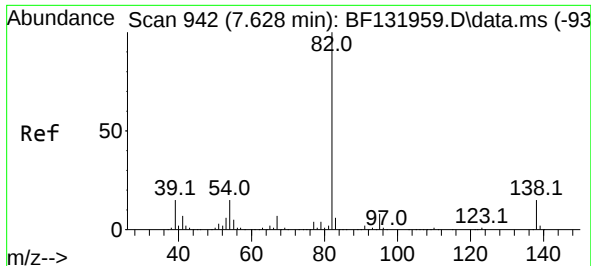


#23
Nitrobenzene-d5
Concen: 73.892 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF132048.D
Acq: 12 Jan 2023 18:46

Tgt Ion: 82 Resp: 480468

Ion	Ratio	Lower	Upper
82	100		
128	36.2	28.7	43.1
54	47.6	38.1	57.1

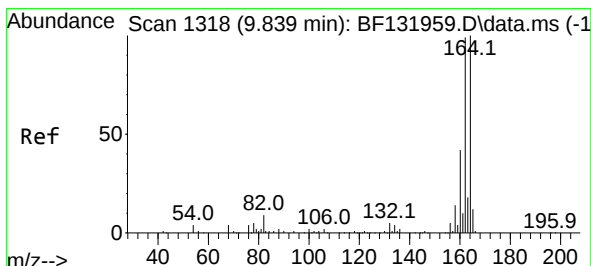
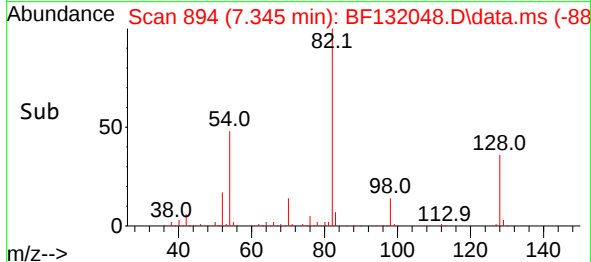
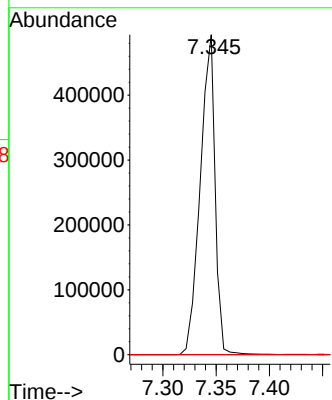
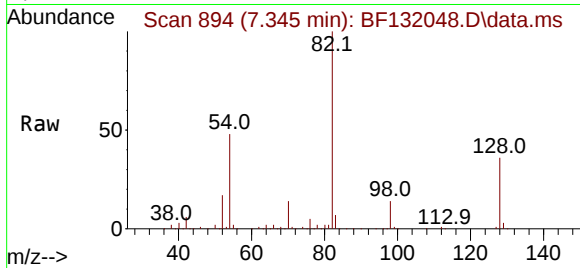




#25
Isophorone
Concen: 39.443 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF132048.D
Acq: 12 Jan 2023 18:46

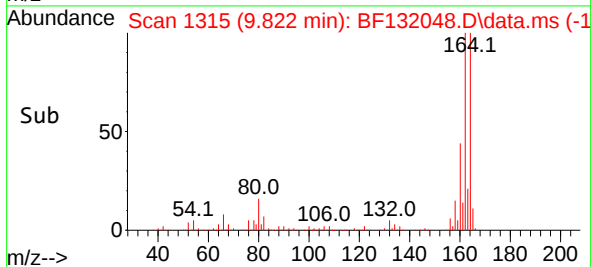
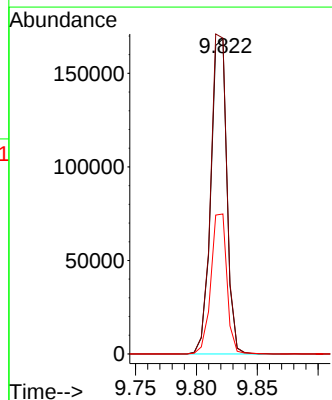
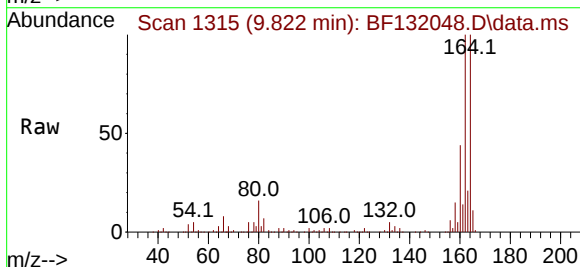
Instrument :
BNA_F
ClientSampleId :
MH-3

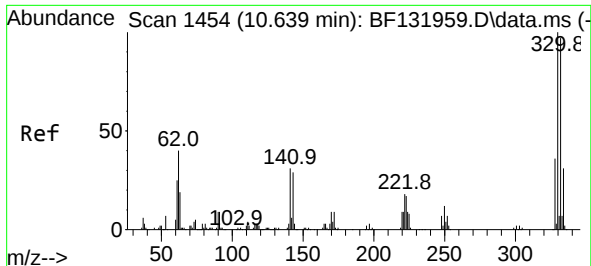
Tgt Ion: 82 Resp: 479120
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132048.D
Acq: 12 Jan 2023 18:46

Tgt Ion:164 Resp: 154059
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.0
160 44.4 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 92.734 ng

RT: 10.616 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF132048.D

Acq: 12 Jan 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MH-3

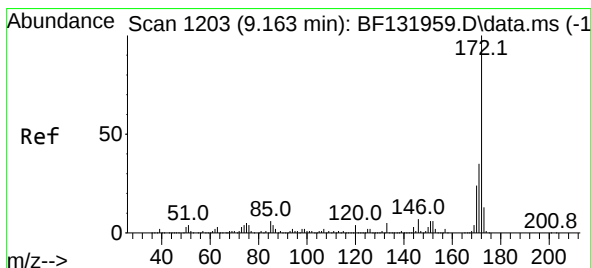
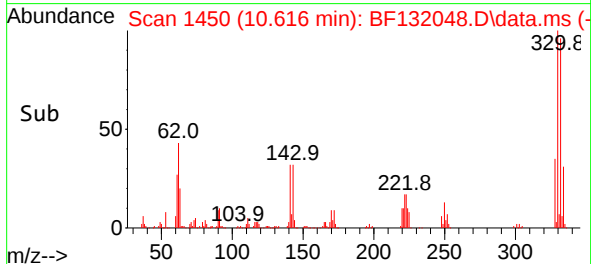
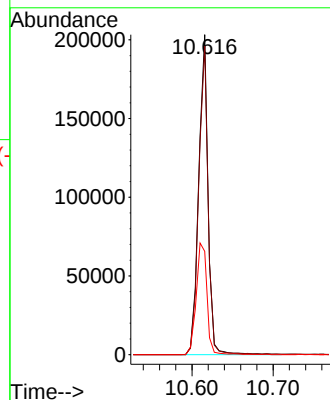
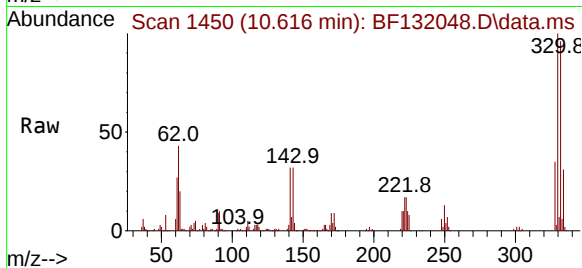
Tgt Ion:330 Resp: 164263

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

141 40.1 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 72.606 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF132048.D

Acq: 12 Jan 2023 18:46

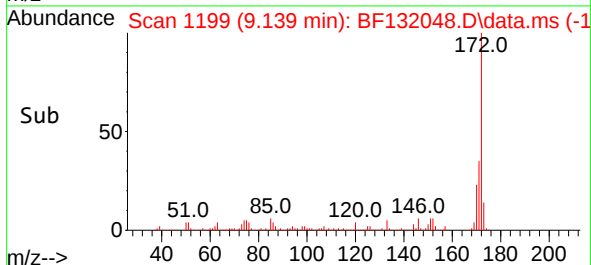
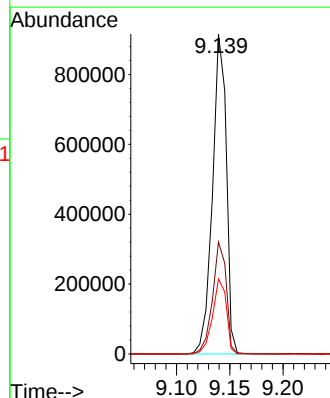
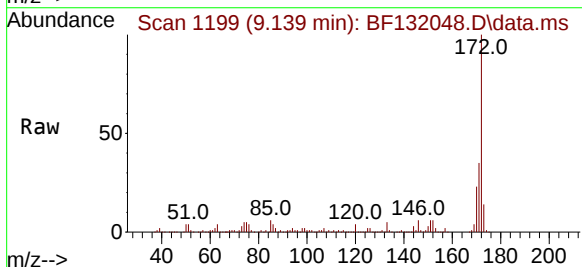
Tgt Ion:172 Resp: 828590

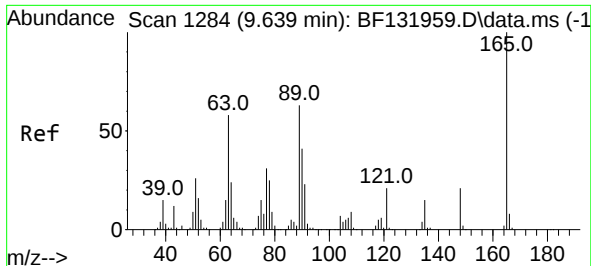
Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.5 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 7.650 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.194 min

Lab File: BF132048.D

Acq: 12 Jan 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MH-3

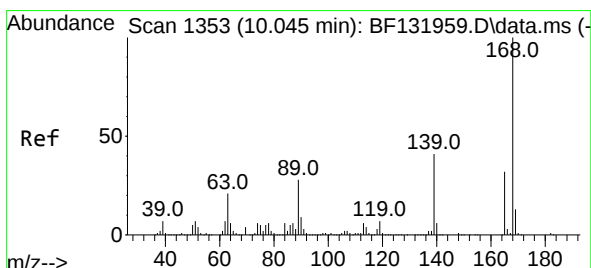
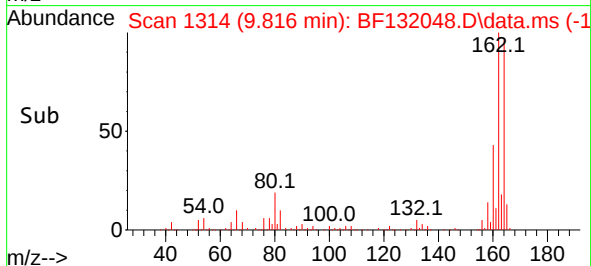
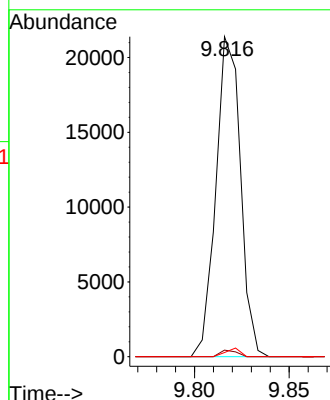
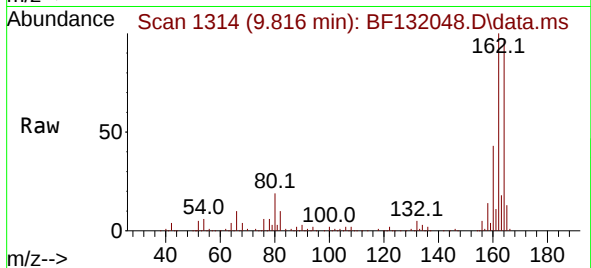
Tgt Ion:165 Resp: 19321

Ion Ratio Lower Upper

165 100

63 2.1 47.4 71.0#

89 1.3 50.2 75.2#



#57

2,4-Dinitrotoluene

Concen: 5.722 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.212 min

Lab File: BF132048.D

Acq: 12 Jan 2023 18:46

Tgt Ion:165 Resp: 19321

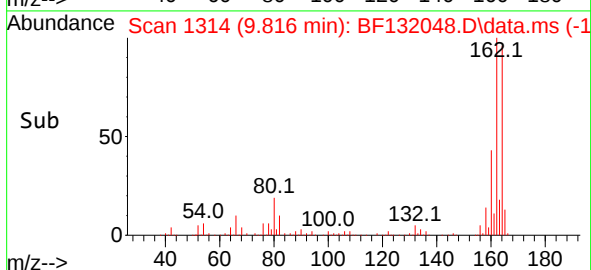
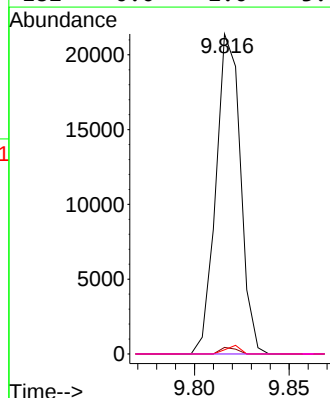
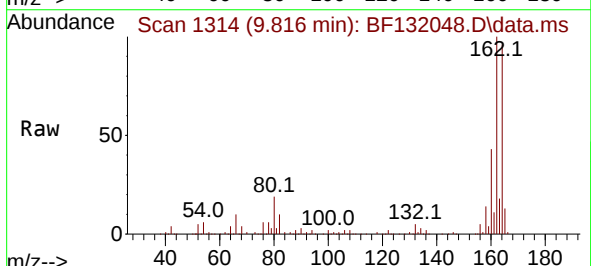
Ion Ratio Lower Upper

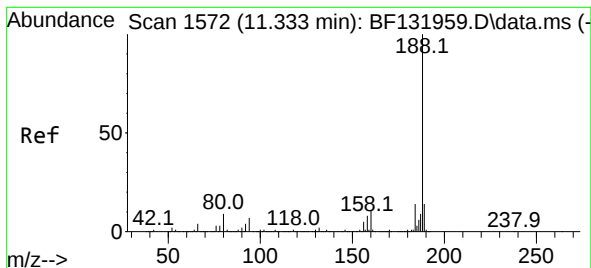
165 100

63 2.1 53.2 79.8#

89 1.3 71.2 106.8#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132048.D

Acq: 12 Jan 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MH-3

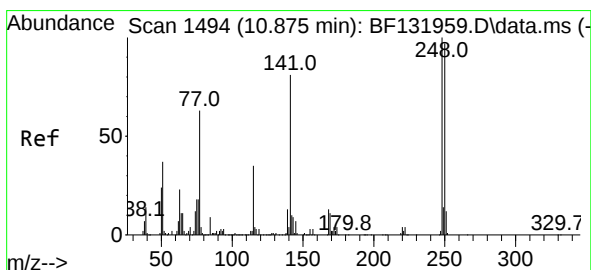
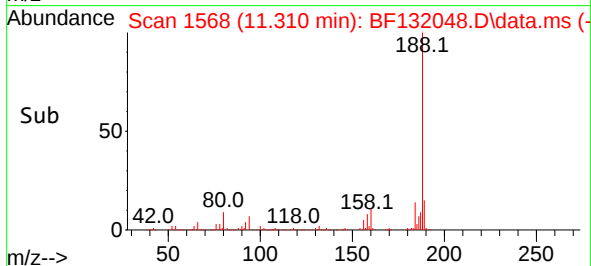
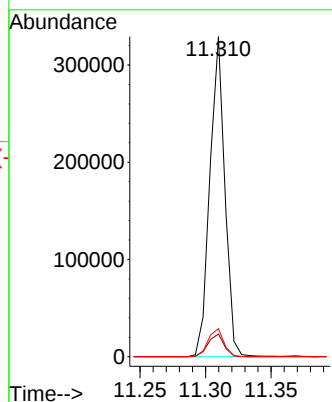
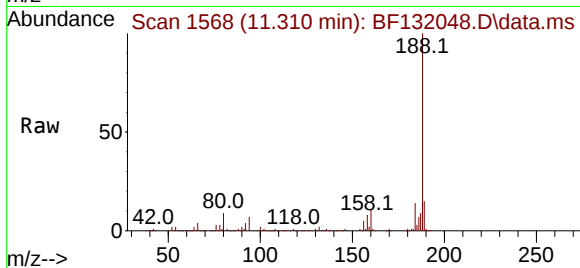
Tgt Ion:188 Resp: 262851

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

80 8.7 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 3.321 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.241 min

Lab File: BF132048.D

Acq: 12 Jan 2023 18:46

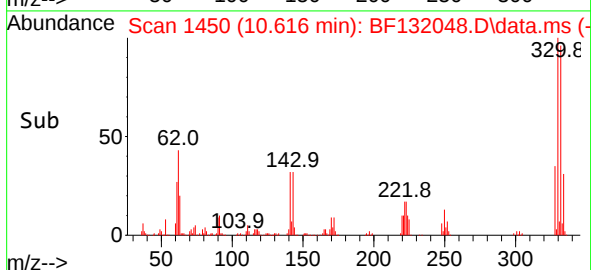
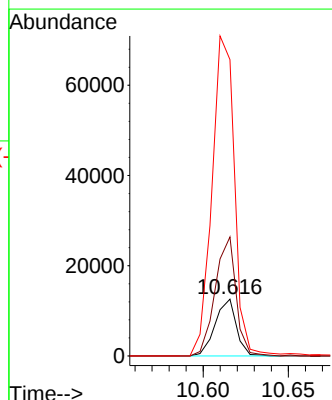
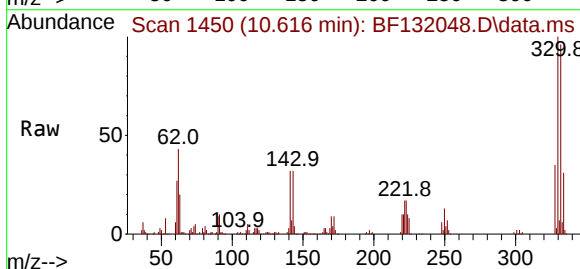
Tgt Ion:248 Resp: 10921

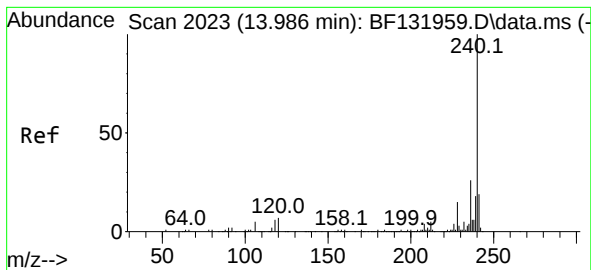
Ion Ratio Lower Upper

248 100

250 209.9 77.4 116.2#

141 522.3 65.0 97.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF132048.D

Acq: 12 Jan 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MH-3

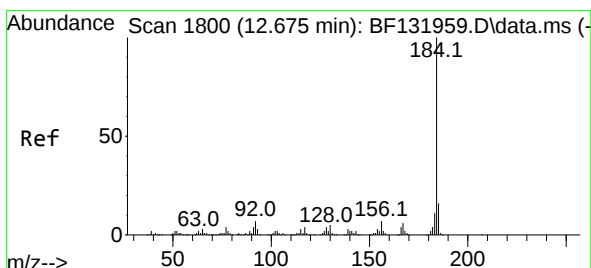
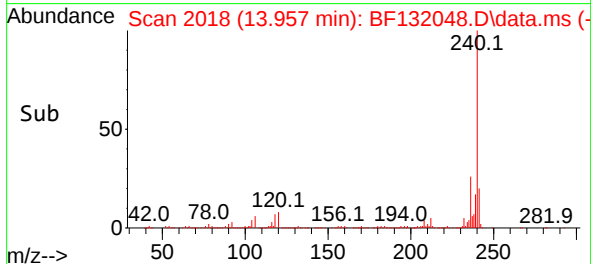
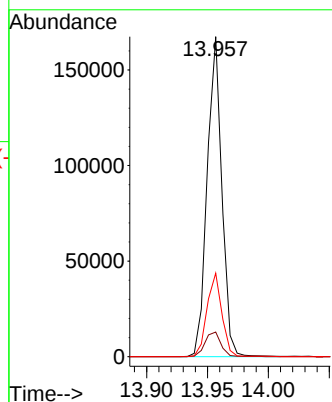
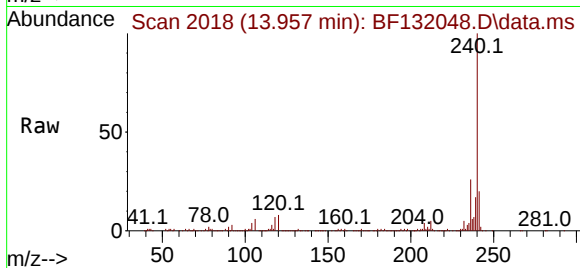
Tgt Ion:240 Resp: 139925

Ion Ratio Lower Upper

240 100

120 7.7 5.4 8.0

236 26.1 21.1 31.7



#77

Benzidine

Concen: 2.403 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.241 min

Lab File: BF132048.D

Acq: 12 Jan 2023 18:46

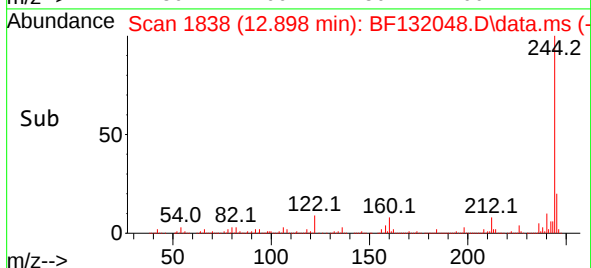
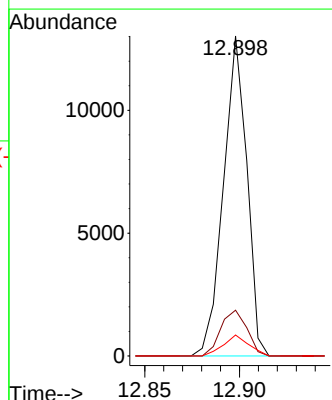
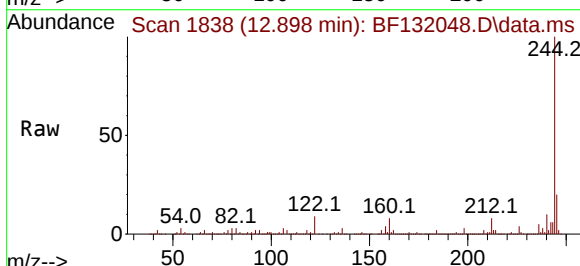
Tgt Ion:184 Resp: 11171

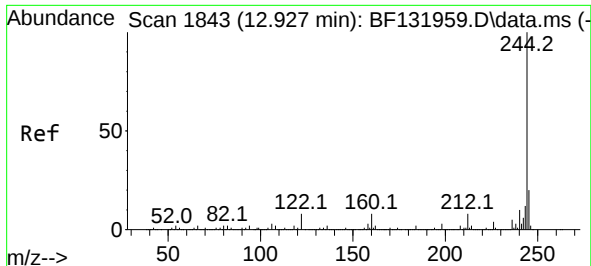
Ion Ratio Lower Upper

184 100

185 14.3 12.8 19.2

183 6.6 9.0 13.4#

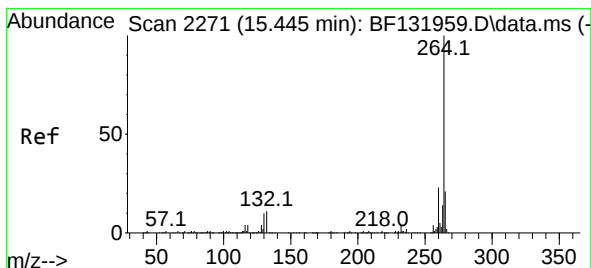
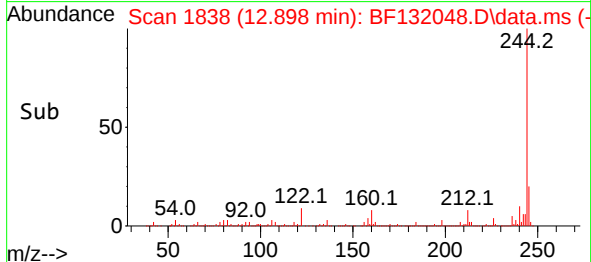
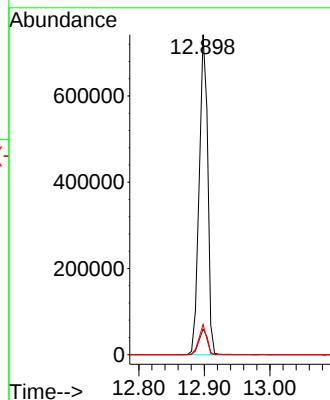
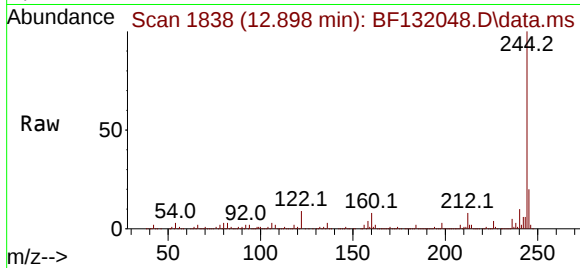




#79
 Terphenyl-d14
 Concen: 68.767 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF132048.D
 Acq: 12 Jan 2023 18:46

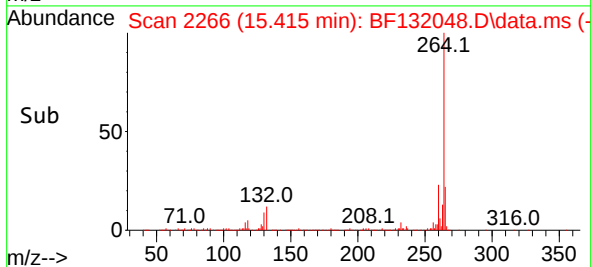
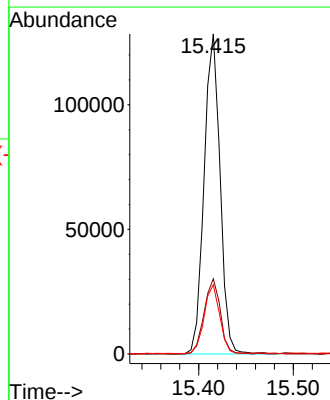
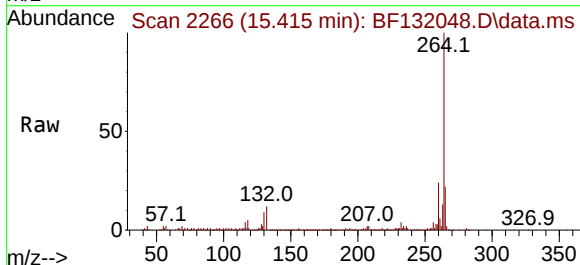
Instrument :
 BNA_F
 ClientSampleId :
 MH-3

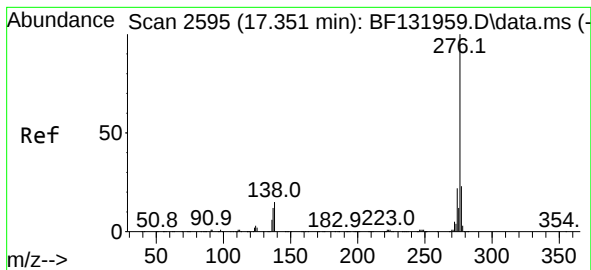
Tgt Ion:244 Resp: 671350
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 9.4 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: BF132048.D
 Acq: 12 Jan 2023 18:46

Tgt Ion:264 Resp: 150376
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.6 16.9 25.3





#92

Benzo(g,h,i)perylene

Concen: 3.590 ng

RT: 17.309 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132048.D

Acq: 12 Jan 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MH-3

Tgt Ion:276 Resp: 583

Ion Ratio Lower Upper

276 100

277 47.0 18.2 27.2#

138 0.0 11.7 17.5#

