

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131950.D
 Acq On : 06 Jan 2023 20:08
 Operator : CG\JU
 Sample : 01043-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 00:25:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 23:58:27 2023
 Response via : Initial Calibration

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

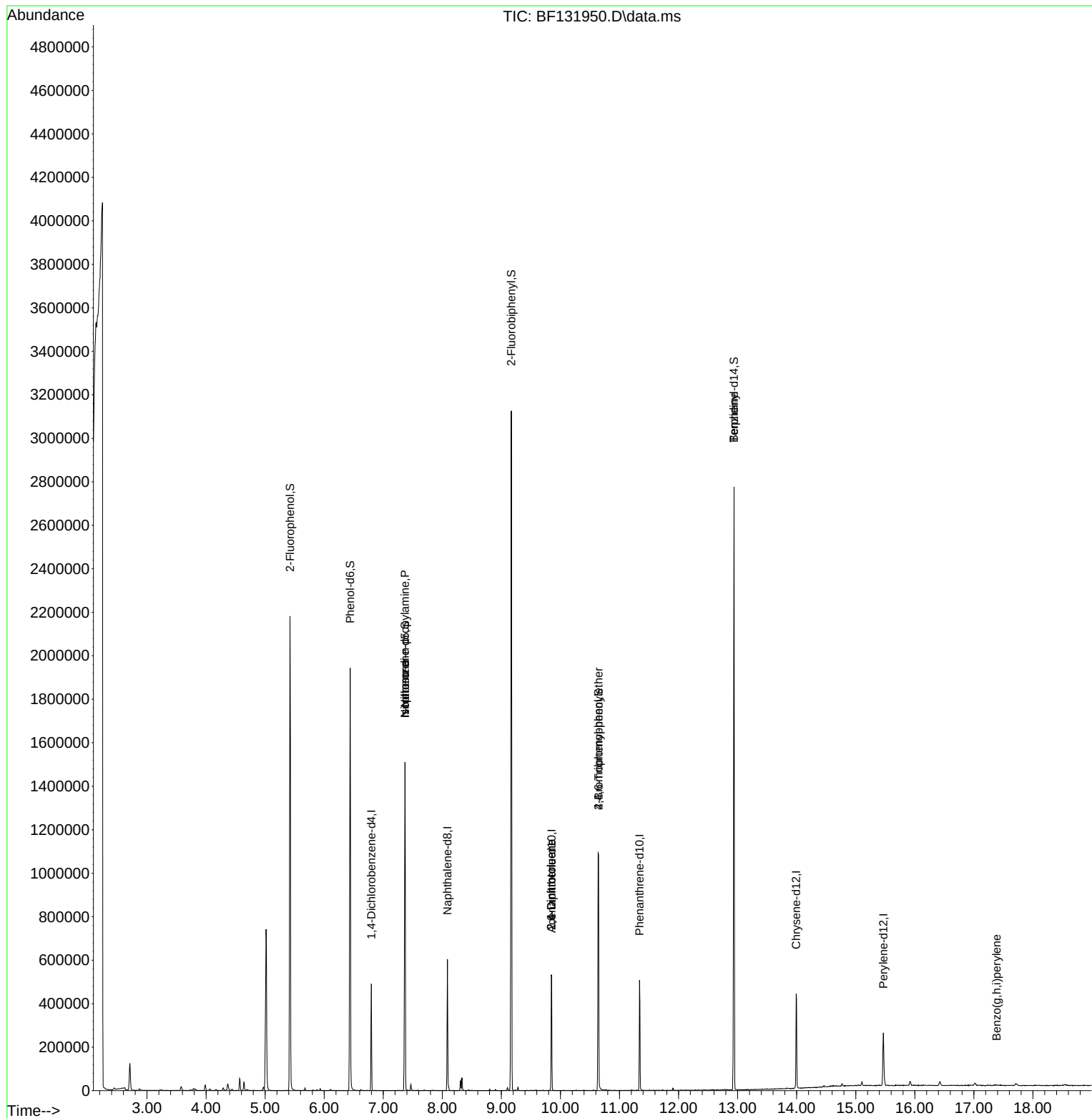
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	62075	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	214757	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	108162	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	177273	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	145985	20.000	ng	0.00
86) Perylene-d12	15.468	264	109923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	552430	147.483	ng	0.02
7) Phenol-d6	6.440	99	641291	130.312	ng	0.00
23) Nitrobenzene-d5	7.369	82	530084	98.548	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	125132	106.479	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	882047	111.700	ng	0.00
79) Terphenyl-d14	12.939	244	877270	101.649	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	74119	21.326	ng	# 80
25) Isophorone	7.369	82	530074	60.344	ng	# 69
51) 2,6-Dinitrotoluene	9.845	165	13733	7.753	ng	# 16
57) 2,4-Dinitrotoluene	9.845	165	13733	5.669	ng	# 16
67) 4-Bromophenyl-phenylether	10.645	248	8497	4.136	ng	# 1
77) Benzidine	12.939	184	13617	5.676	ng	# 93
92) Benzo(g,h,i)perylene	17.386	276	591	5.325	ng	# 52

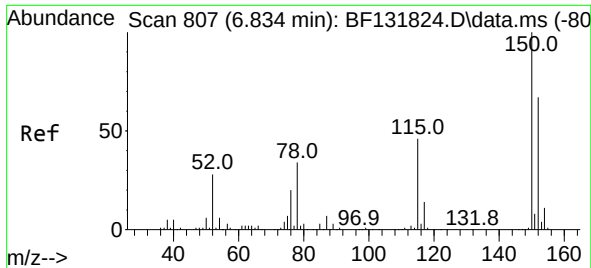
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
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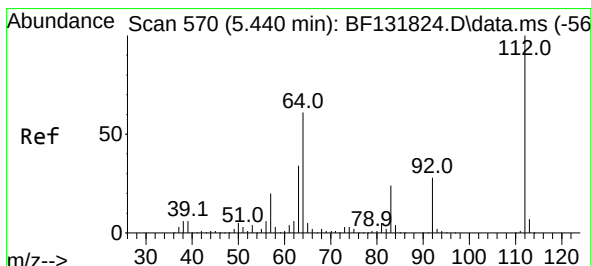
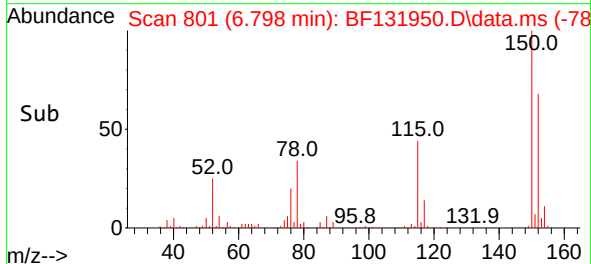
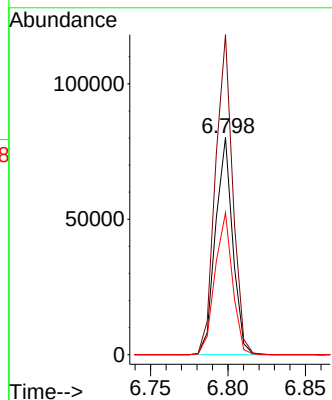
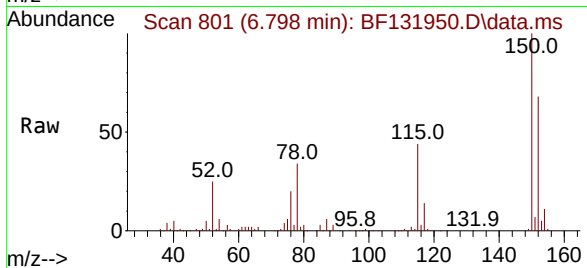




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF131950.D
Acq: 06 Jan 2023 20:08

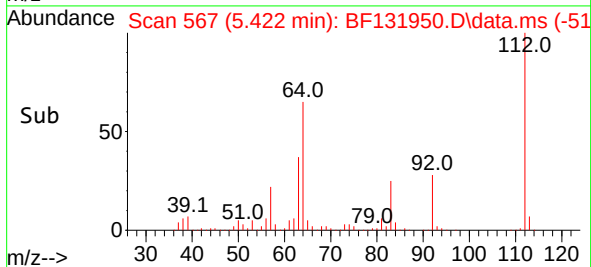
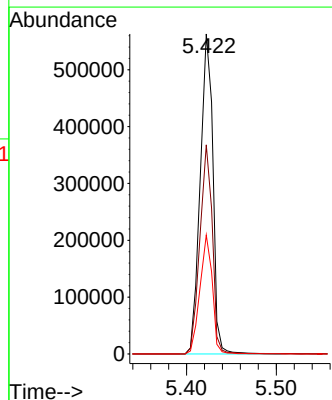
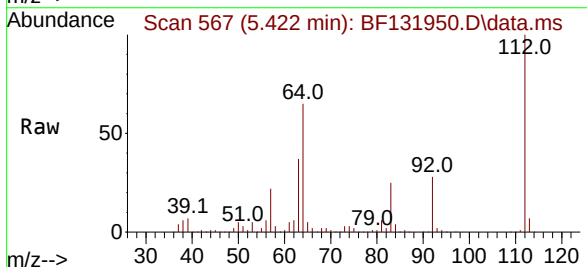
Instrument :
BNA_F
ClientSampleId :

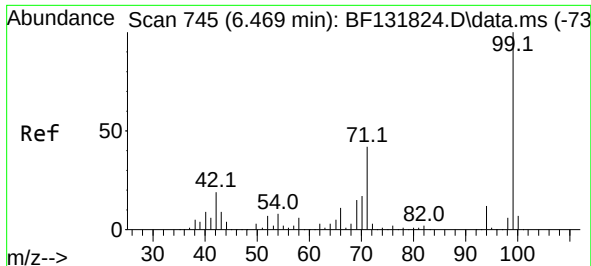
Tgt Ion:152 Resp: 62075
Ion Ratio Lower Upper
152 100
150 147.3 120.0 180.0
115 65.4 55.1 82.7



#5
2-Fluorophenol
Concen: 147.483 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.024 min
Lab File: BF131950.D
Acq: 06 Jan 2023 20:08

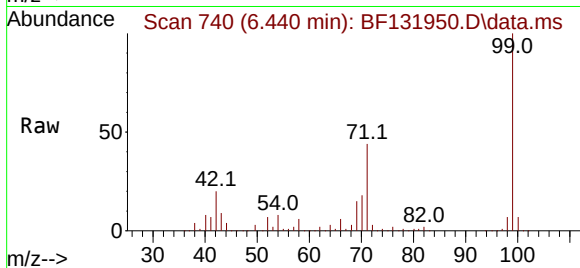
Tgt Ion:112 Resp: 552430
Ion Ratio Lower Upper
112 100
64 65.3 49.2 73.8
63 37.1 27.5 41.3



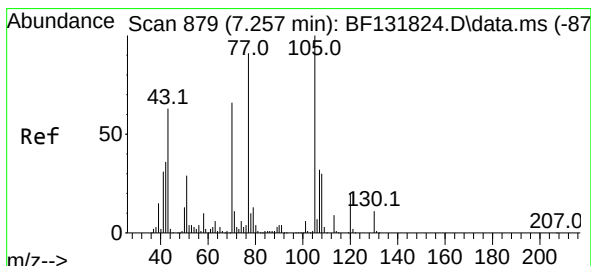
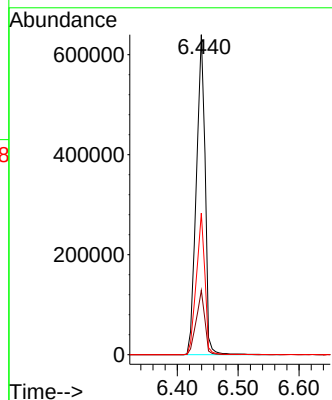
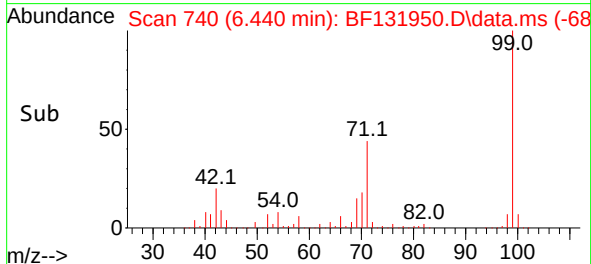


#7
Phenol-d6
Concen: 130.312 ng
RT: 6.440 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131950.D
Acq: 06 Jan 2023 20:08

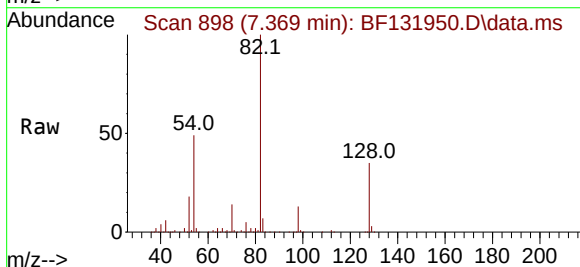
Instrument :
BNA_F
ClientSampleId :



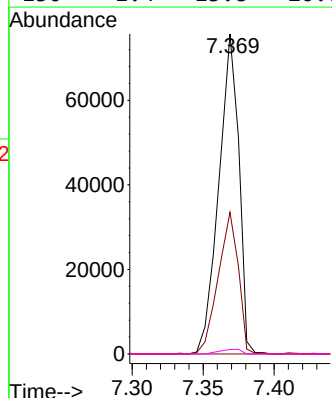
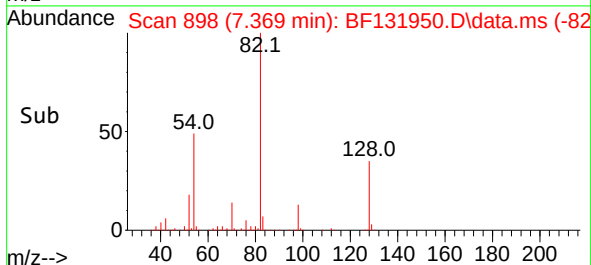
Tgt Ion: 99 Resp: 641291
Ion Ratio Lower Upper
99 100
42 20.1 15.3 22.9
71 44.3 33.5 50.3

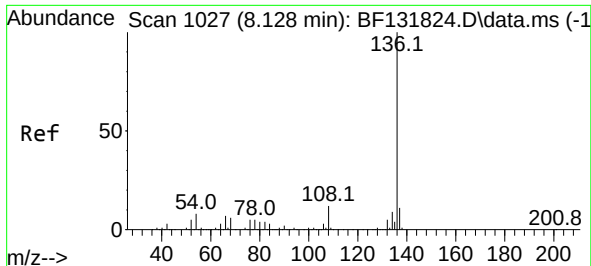


#19
n-Nitroso-di-n-propylamine
Concen: 21.326 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF131950.D
Acq: 06 Jan 2023 20:08



Tgt Ion: 70 Resp: 74119
Ion Ratio Lower Upper
70 100
42 44.3 43.8 65.6
101 0.0 7.4 11.0#
130 1.4 13.8 20.6#

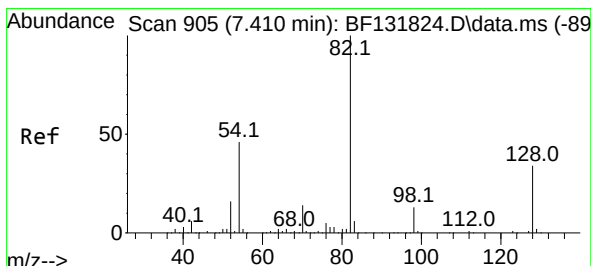
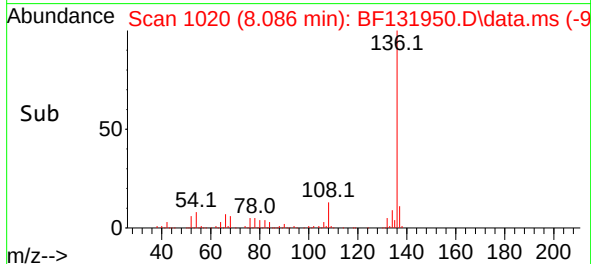
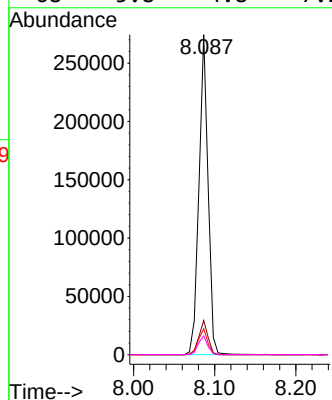
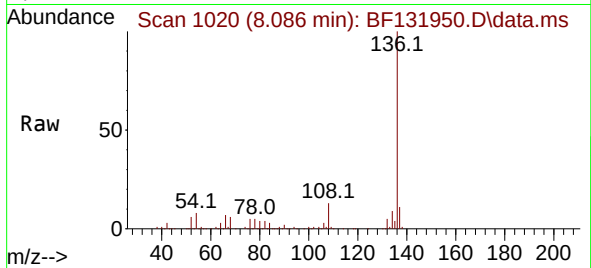




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131950.D
Acq: 06 Jan 2023 20:08

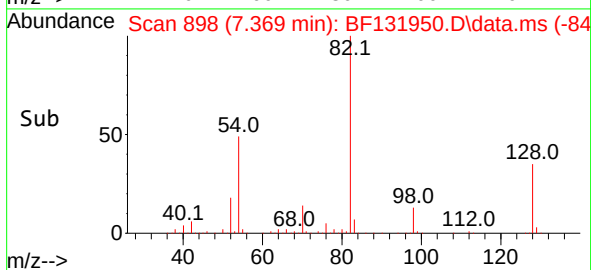
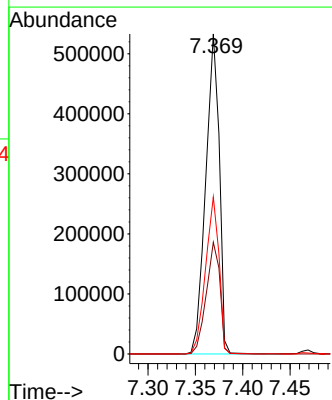
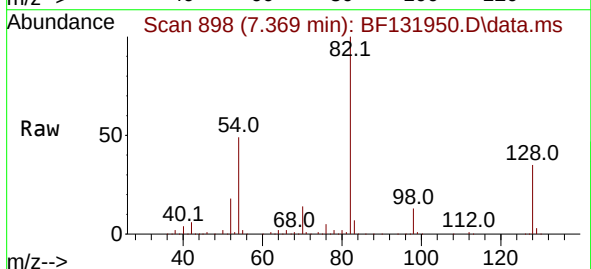
Instrument :
BNA_F
ClientSampleId :

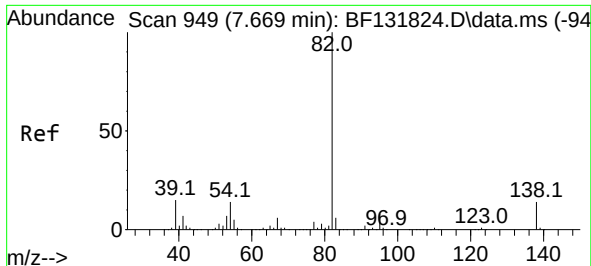
Tgt Ion:136 Resp: 214757
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.1 6.7 10.1
68 5.8 4.8 7.2



#23
Nitrobenzene-d5
Concen: 98.548 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF131950.D
Acq: 06 Jan 2023 20:08

Tgt Ion: 82 Resp: 530084
Ion Ratio Lower Upper
82 100
128 34.9 27.1 40.7
54 49.1 37.0 55.6

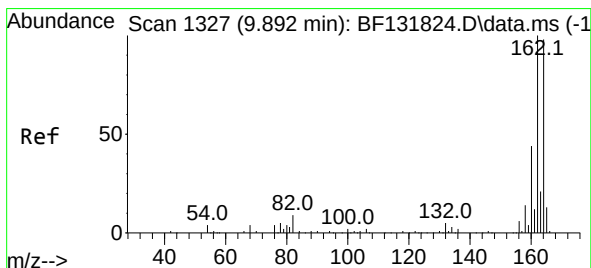
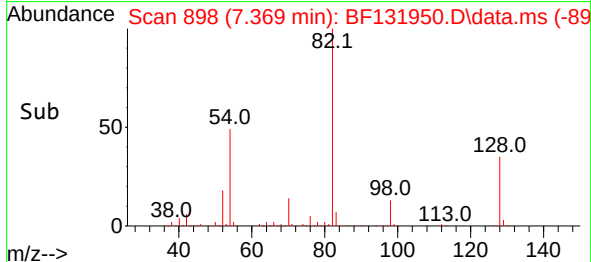
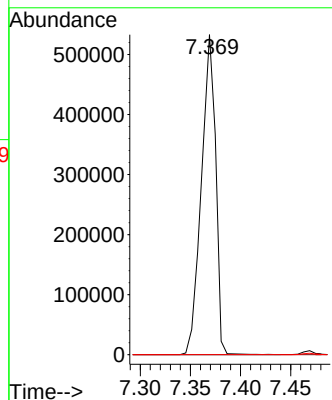
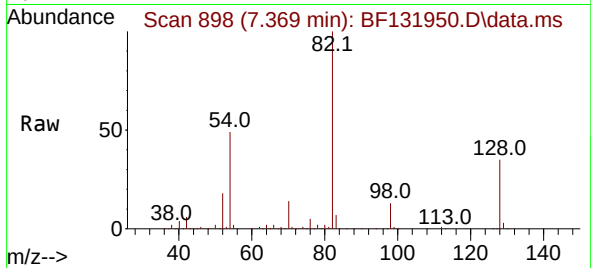




#25
Isophorone
Concen: 60.344 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF131950.D
Acq: 06 Jan 2023 20:08

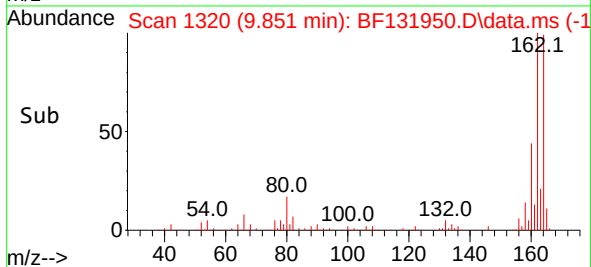
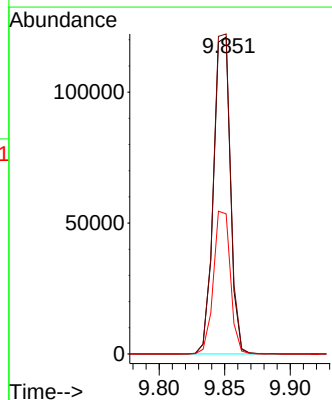
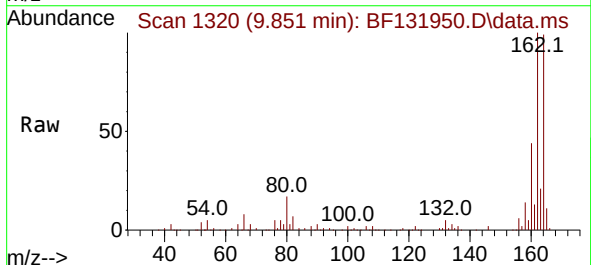
Instrument :
BNA_F
ClientSampleId :

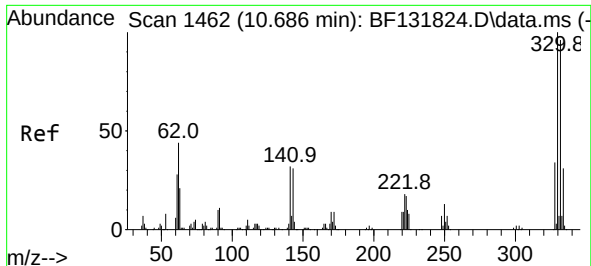
Tgt Ion: 82 Resp: 530074
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF131950.D
Acq: 06 Jan 2023 20:08

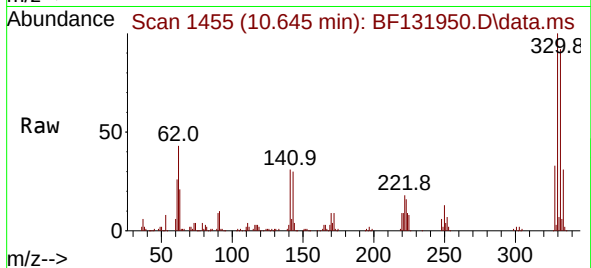
Tgt Ion:164 Resp: 108162
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.6
160 44.2 35.7 53.5



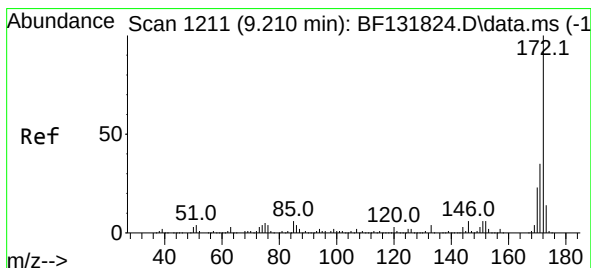
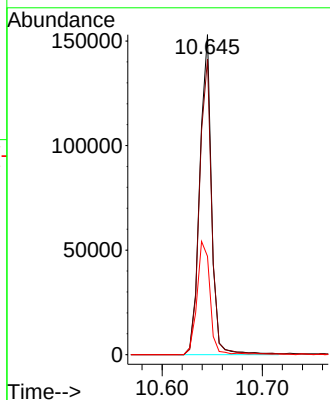
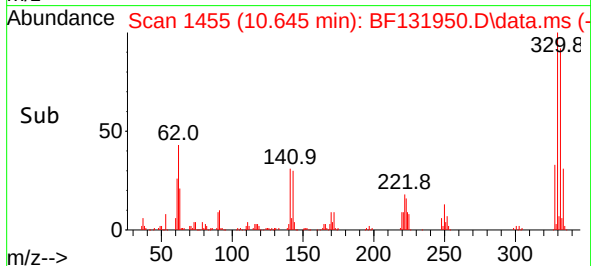


#42
2,4,6-Tribromophenol
Concen: 106.479 ng
RT: 10.645 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131950.D
Acq: 06 Jan 2023 20:08

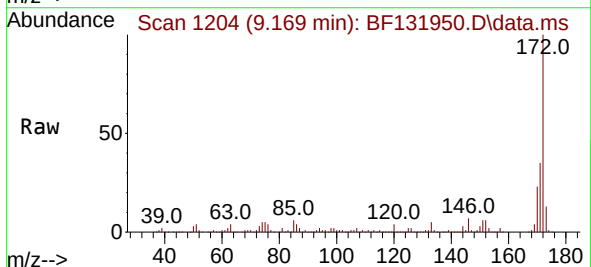
Instrument :
BNA_F
ClientSampleId :



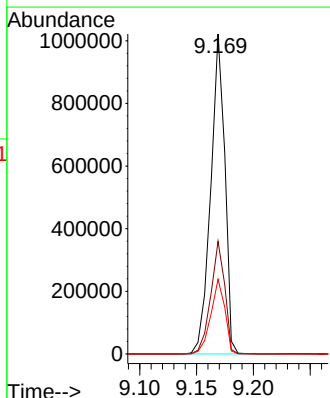
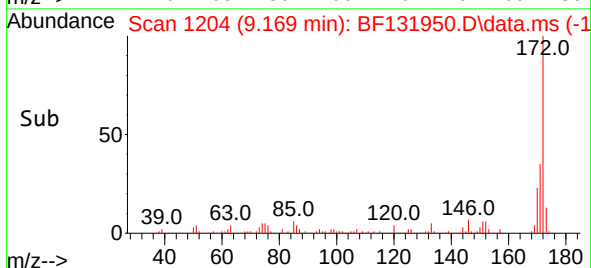
Tgt Ion:330 Resp: 125132
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 39.5 31.0 46.4

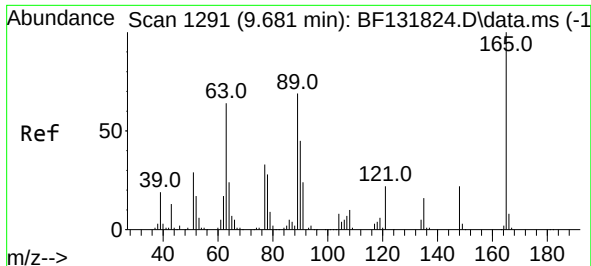


#45
2-Fluorobiphenyl
Concen: 111.700 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF131950.D
Acq: 06 Jan 2023 20:08



Tgt Ion:172 Resp: 882047
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.3 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 7.753 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF131950.D

Acq: 06 Jan 2023 20:08

Instrument :

BNA_F

ClientSampleId :

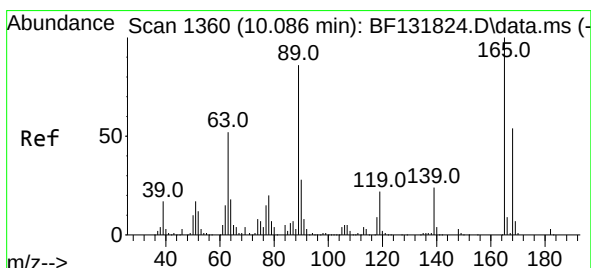
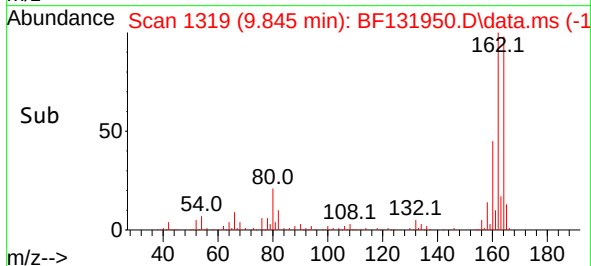
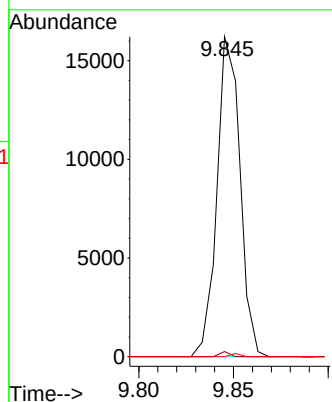
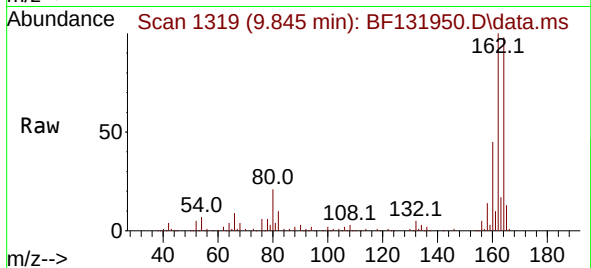
Tgt Ion:165 Resp: 13733

Ion Ratio Lower Upper

165 100

63 1.6 55.1 82.7#

89 0.0 55.0 82.4#



#57

2,4-Dinitrotoluene

Concen: 5.669 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.206 min

Lab File: BF131950.D

Acq: 06 Jan 2023 20:08

Tgt Ion:165 Resp: 13733

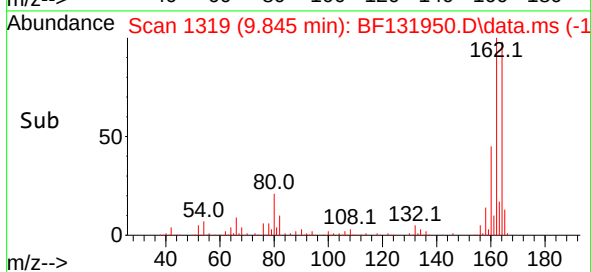
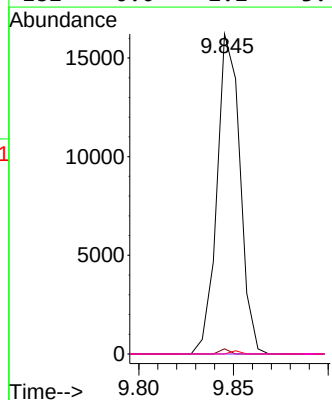
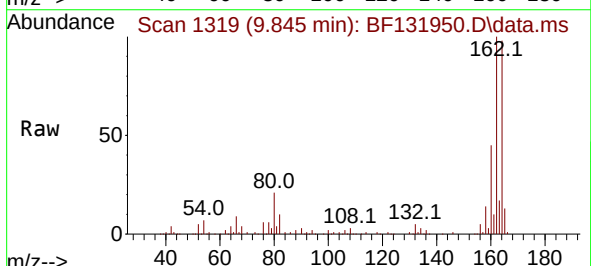
Ion Ratio Lower Upper

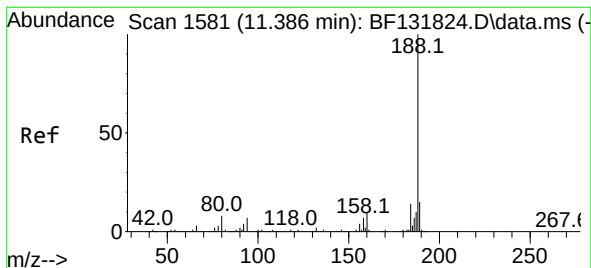
165 100

63 1.6 42.1 63.1#

89 0.0 69.1 103.7#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131950.D

Acq: 06 Jan 2023 20:08

Instrument :

BNA_F

ClientSampleId :

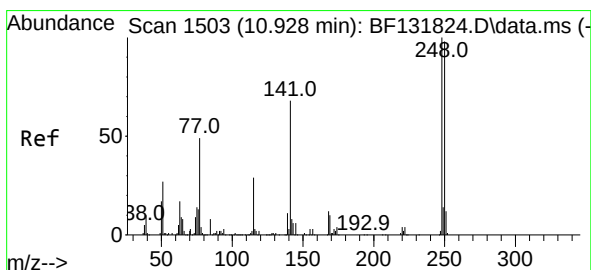
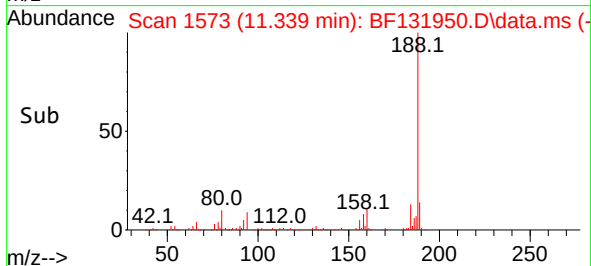
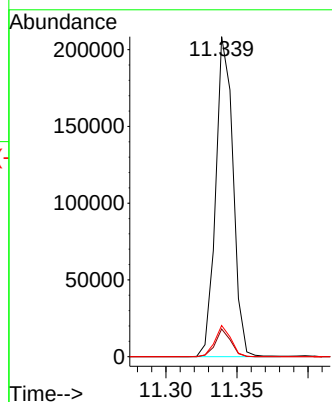
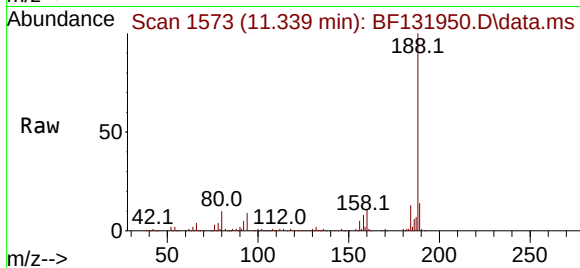
Tgt Ion:188 Resp: 177273

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.6#

80 9.7 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 4.136 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.241 min

Lab File: BF131950.D

Acq: 06 Jan 2023 20:08

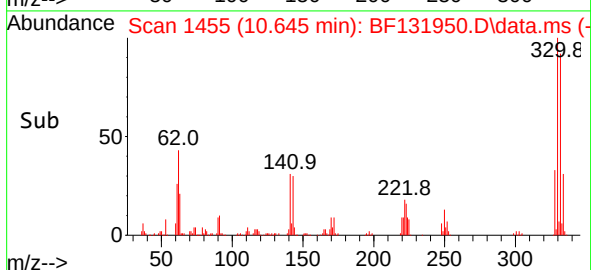
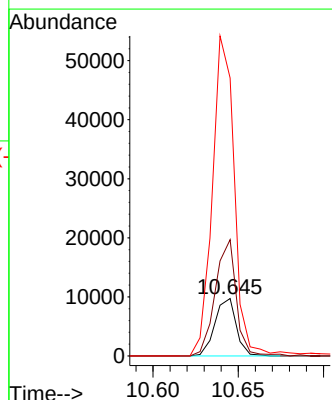
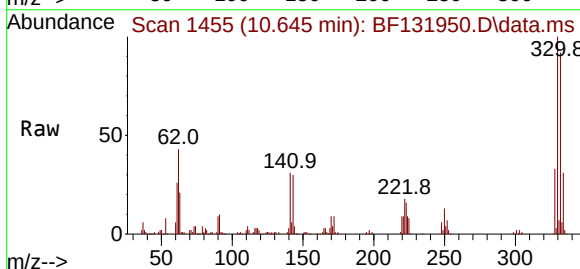
Tgt Ion:248 Resp: 8497

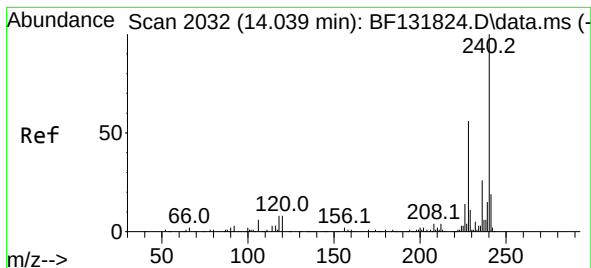
Ion Ratio Lower Upper

248 100

250 202.4 78.0 117.0#

141 483.6 54.8 82.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF131950.D

Acq: 06 Jan 2023 20:08

Instrument :

BNA_F

ClientSampleId :

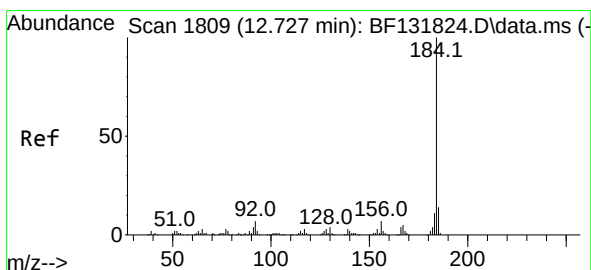
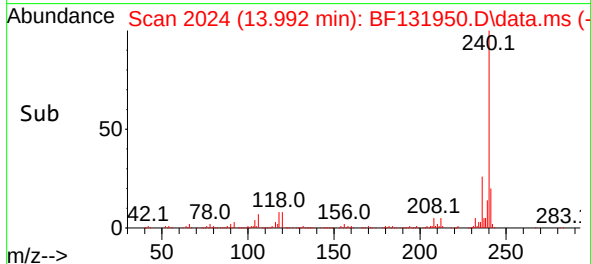
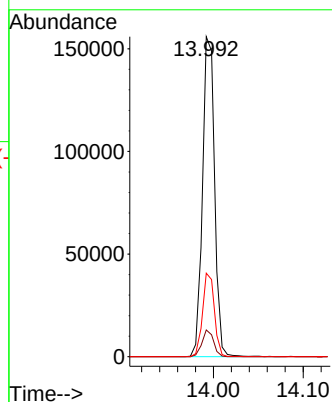
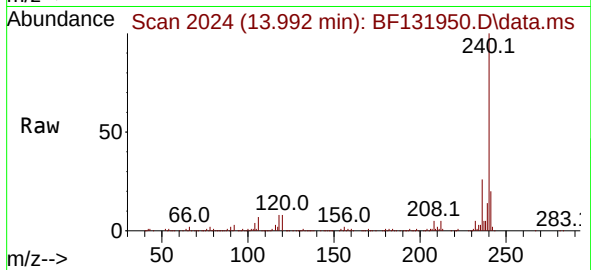
Tgt Ion:240 Resp: 145985

Ion Ratio Lower Upper

240 100

120 8.4 6.7 10.1

236 26.1 20.6 31.0



#77

Benzidine

Concen: 5.676 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.253 min

Lab File: BF131950.D

Acq: 06 Jan 2023 20:08

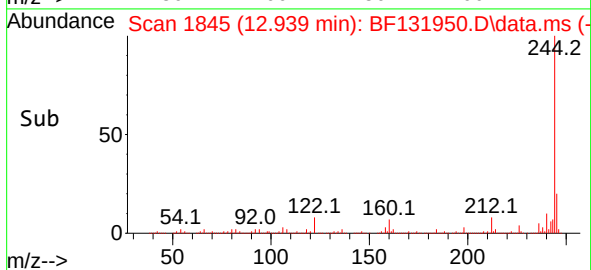
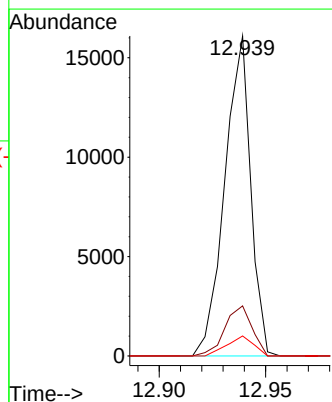
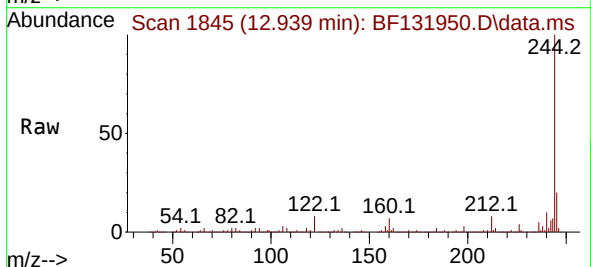
Tgt Ion:184 Resp: 13617

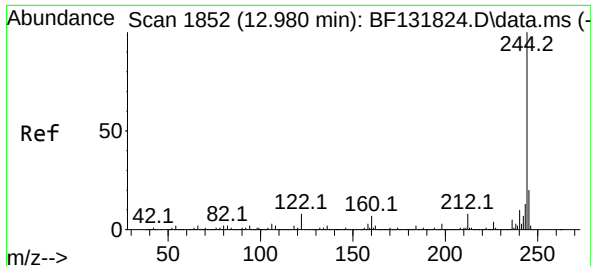
Ion Ratio Lower Upper

184 100

185 15.6 11.6 17.4

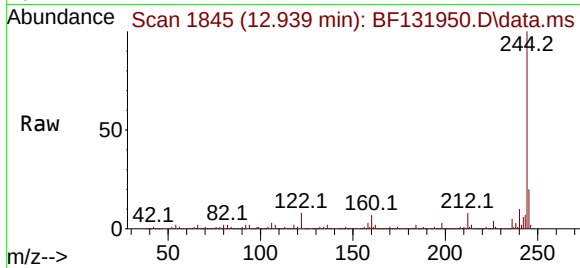
183 6.2 9.0 13.4#



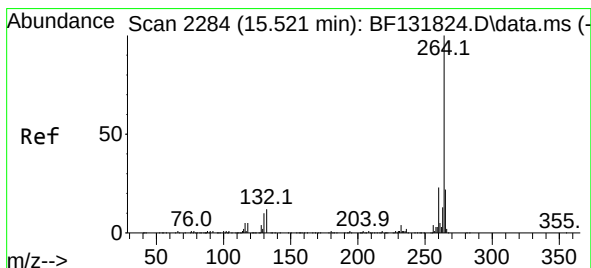
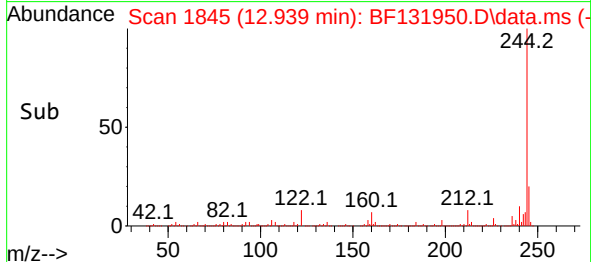
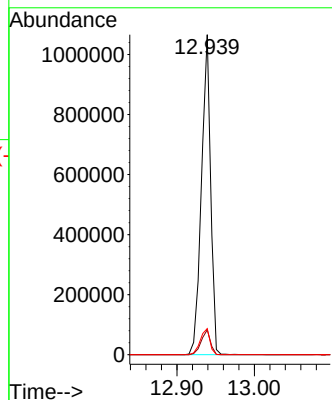


#79
 Terphenyl-d14
 Concen: 101.649 ng
 RT: 12.939 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131950.D
 Acq: 06 Jan 2023 20:08

Instrument :
 BNA_F
 ClientSampleId :

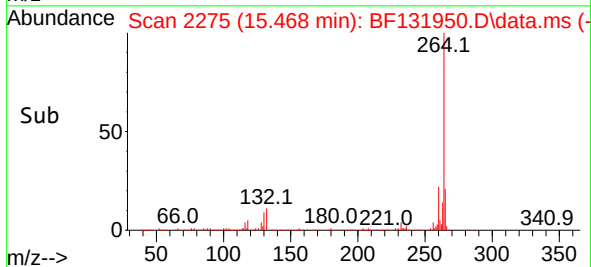
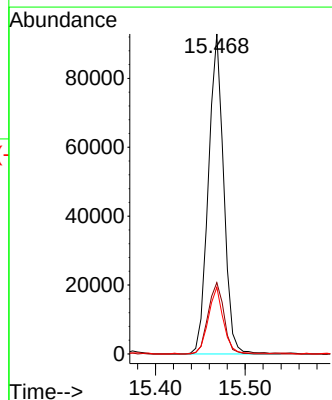
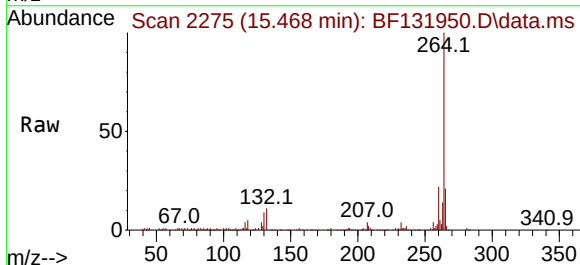


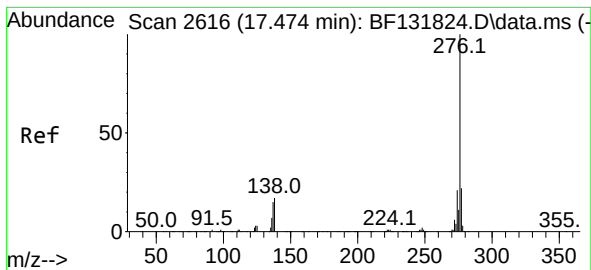
Tgt Ion:244 Resp: 877270
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.1 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF131950.D
 Acq: 06 Jan 2023 20:08

Tgt Ion:264 Resp: 109923
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.6 28.0
 265 20.9 17.4 26.0





#92

Benzo(g,h,i)perylene

Concen: 5.325 ng

RT: 17.386 min Scan# 20

Delta R.T. -0.012 min

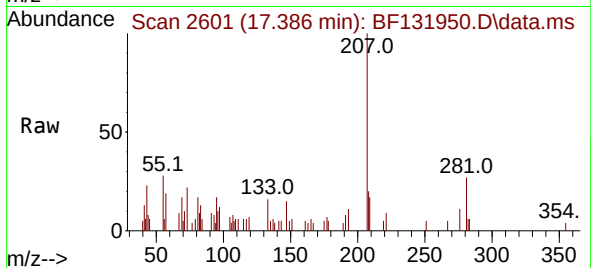
Lab File: BF131950.D

Acq: 06 Jan 2023 20:08

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 591

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 39.0 13.7 20.5#

