

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131949.D
 Acq On : 06 Jan 2023 19:35
 Operator : CG\JU
 Sample : 01030-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 00:25:05 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)

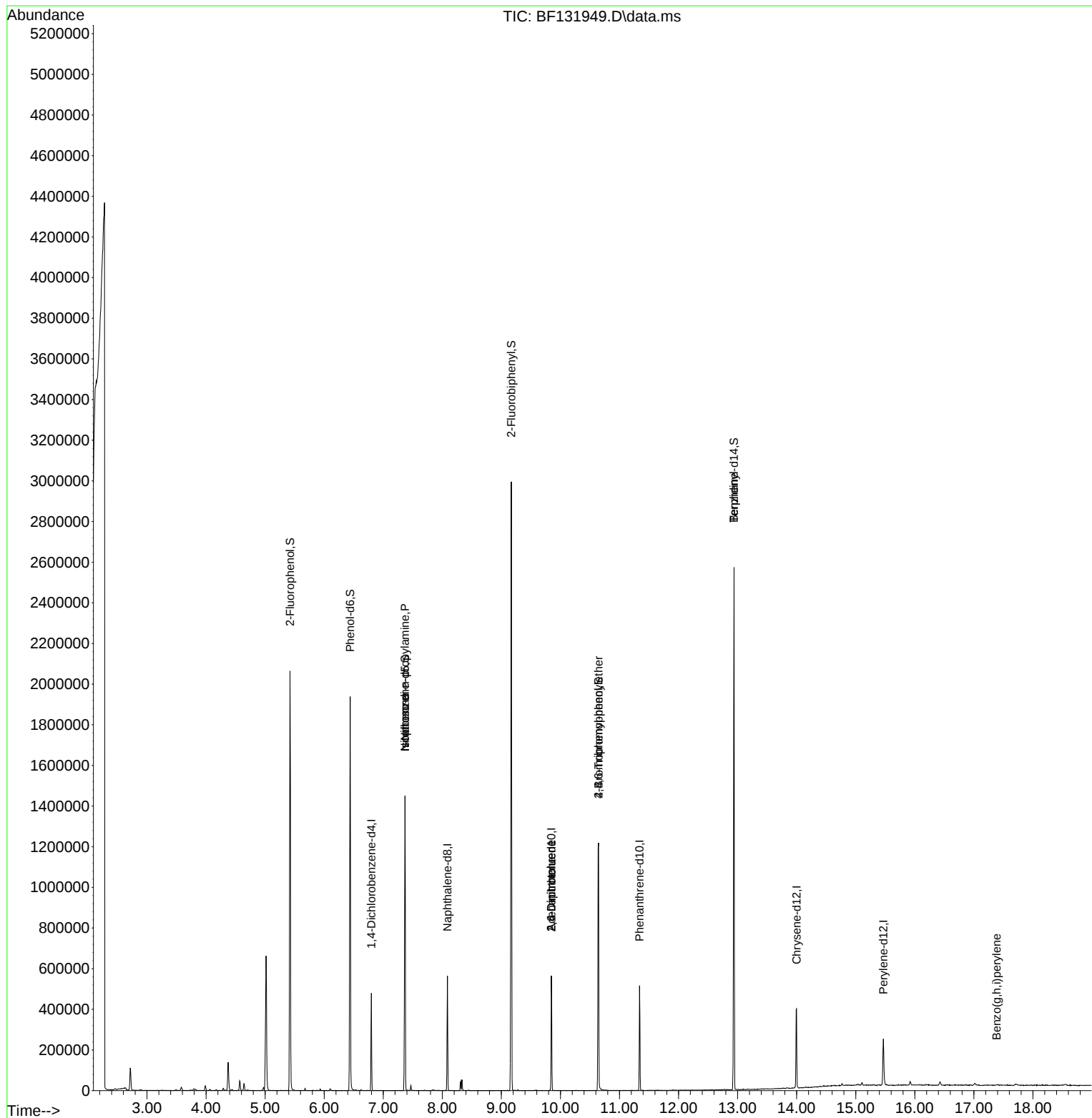
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	58125	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	206198	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	104145	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	172893	20.000	ng	0.00
76) Chrysene-d12	13.998	240	135177	20.000	ng	0.00
86) Perylene-d12	15.468	264	101870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	514627	146.727	ng	0.02
7) Phenol-d6	6.440	99	610385	132.461	ng	0.00
23) Nitrobenzene-d5	7.369	82	489733	94.826	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	140577	124.235	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	825416	108.560	ng	0.00
79) Terphenyl-d14	12.939	244	802390	100.406	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.369	70	67789	20.830	ng	Qvalue # 80
25) Isophorone	7.369	82	489728	58.065	ng	# 69
51) 2,6-Dinitrotoluene	9.845	165	13370	7.839	ng	# 17
57) 2,4-Dinitrotoluene	9.845	165	13370	5.732	ng	# 17
67) 4-Bromophenyl-phenylether	10.645	248	9230	4.606	ng	# 1
77) Benzidine	12.939	184	12482	5.619	ng	# 93
92) Benzo(g,h,i)perylene	17.386	276	725	5.350	ng	# 56

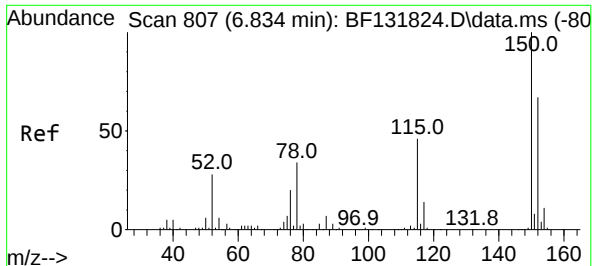
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131949.D
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Misc :
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BNA_F
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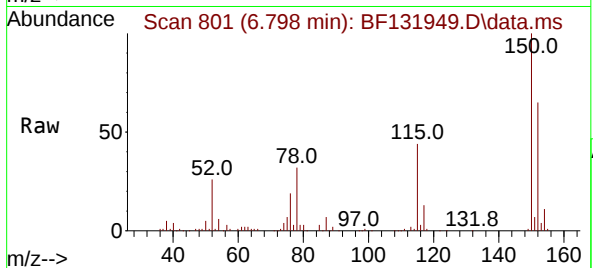
Quant Time: Jan 07 00:25:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 23:58:27 2023
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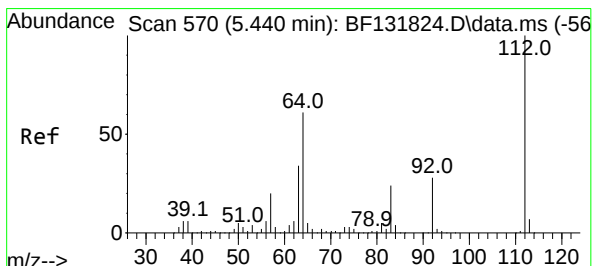
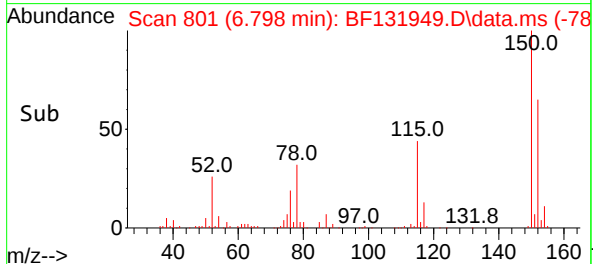
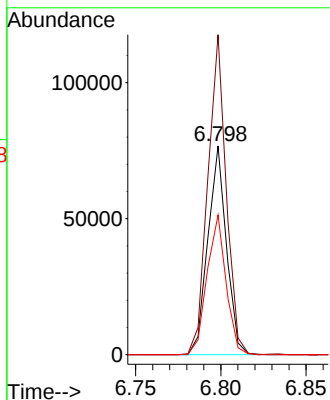


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF131949.D
Acq: 06 Jan 2023 19:35

Instrument :
BNA_F
ClientSampleId :

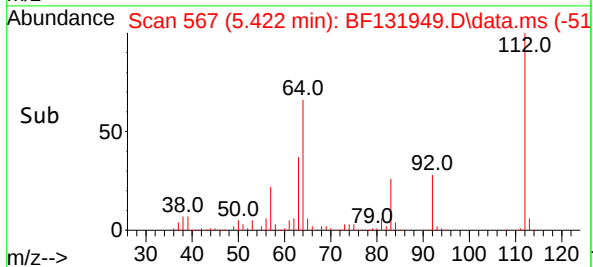
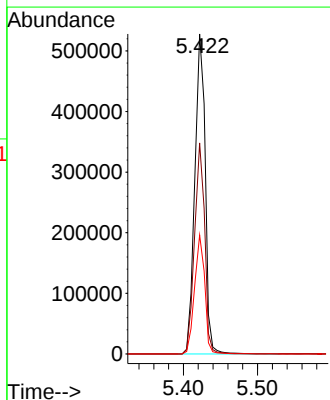
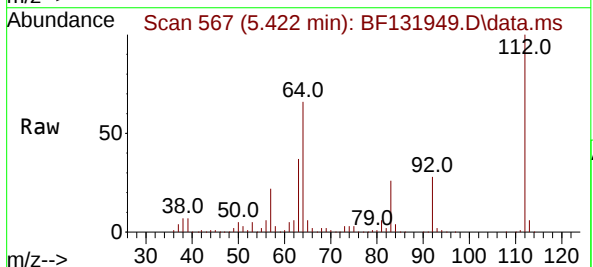


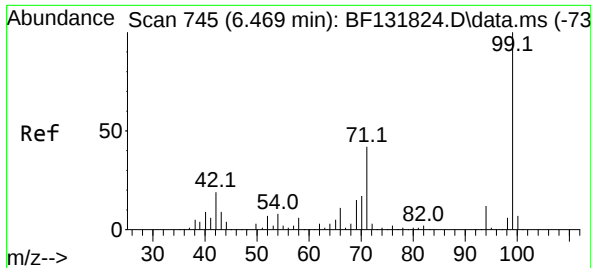
Tgt Ion:152 Resp: 58125
Ion Ratio Lower Upper
152 100
150 153.2 120.0 180.0
115 66.9 55.1 82.7



#5
2-Fluorophenol
Concen: 146.727 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.024 min
Lab File: BF131949.D
Acq: 06 Jan 2023 19:35

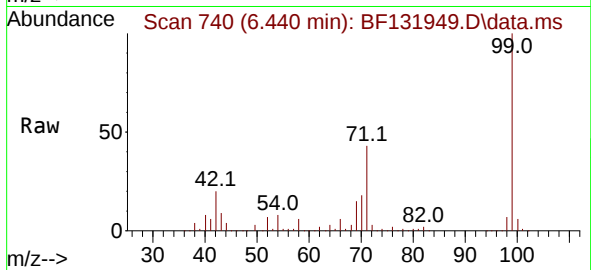
Tgt Ion:112 Resp: 514627
Ion Ratio Lower Upper
112 100
64 66.0 49.2 73.8
63 37.1 27.5 41.3



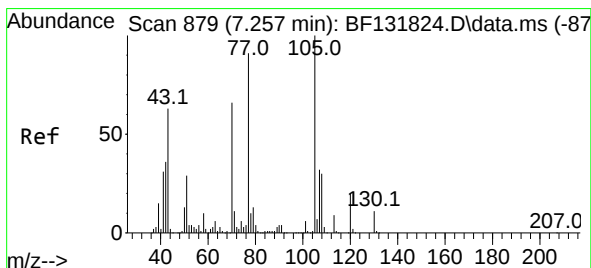
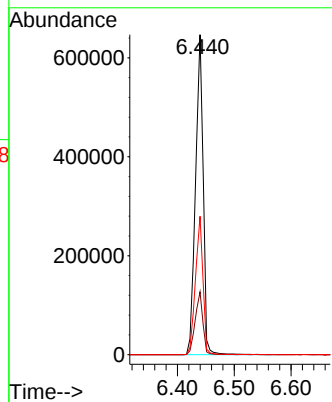
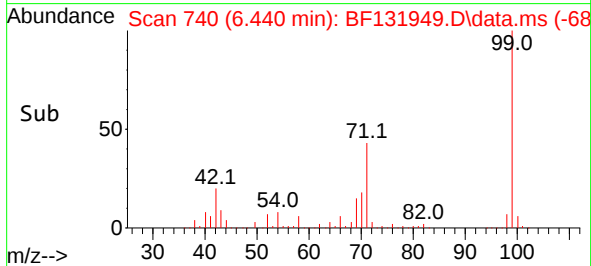


#7
Phenol-d6
Concen: 132.461 ng
RT: 6.440 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131949.D
Acq: 06 Jan 2023 19:35

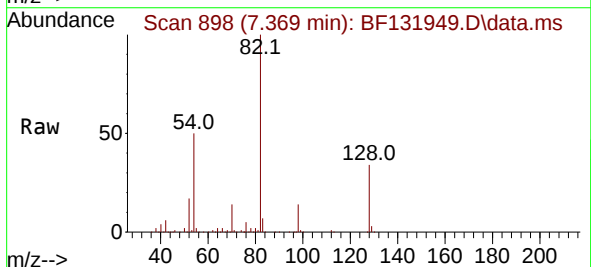
Instrument :
BNA_F
ClientSampleId :



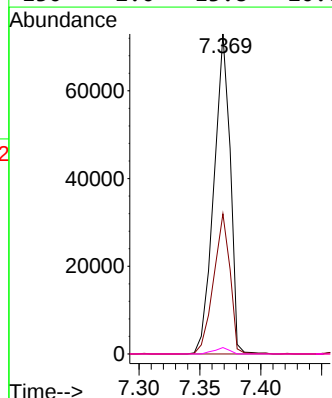
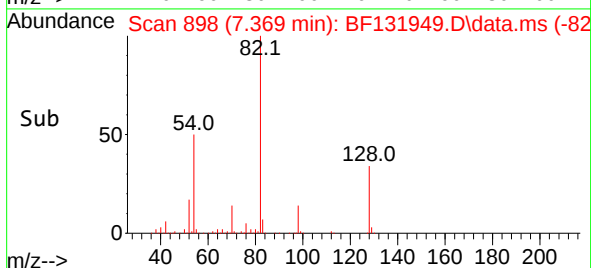
Tgt Ion: 99 Resp: 610385
Ion Ratio Lower Upper
99 100
42 19.7 15.3 22.9
71 43.2 33.5 50.3

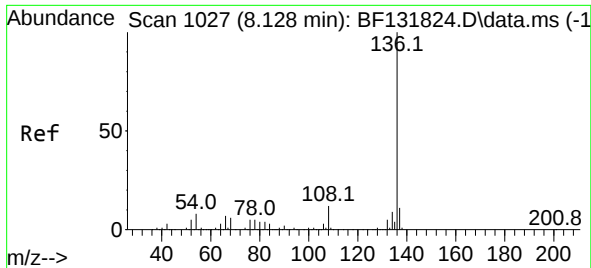


#19
n-Nitroso-di-n-propylamine
Concen: 20.830 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF131949.D
Acq: 06 Jan 2023 19:35



Tgt Ion: 70 Resp: 67789
Ion Ratio Lower Upper
70 100
42 43.8 43.8 65.6
101 0.0 7.4 11.0#
130 2.0 13.8 20.6#

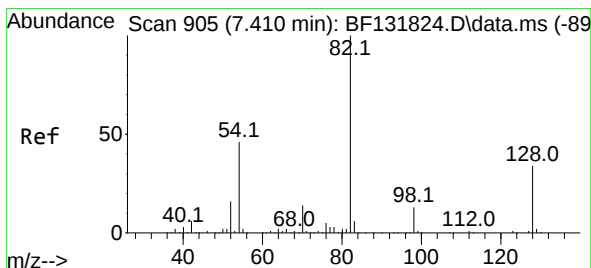
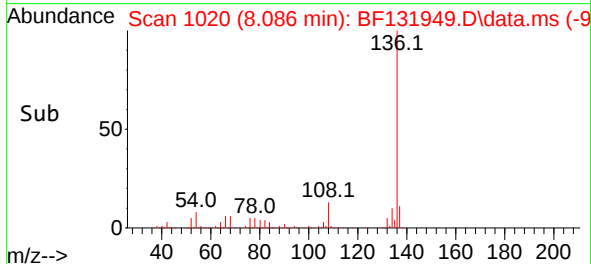
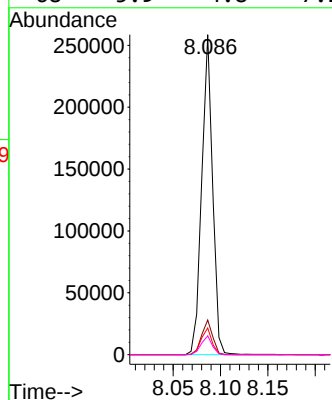
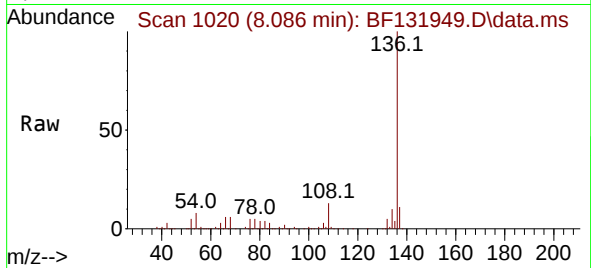




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131949.D
Acq: 06 Jan 2023 19:35

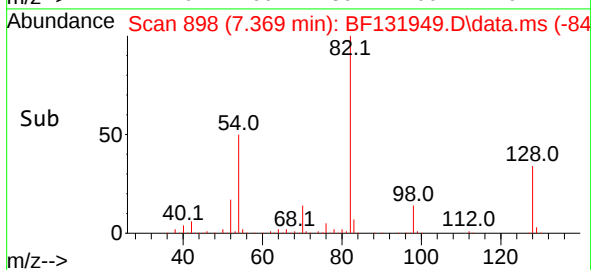
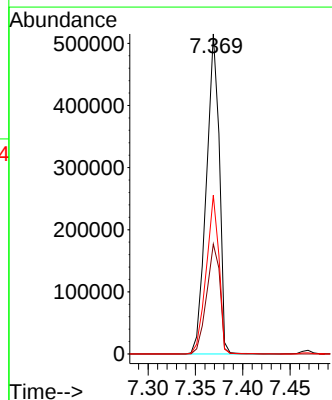
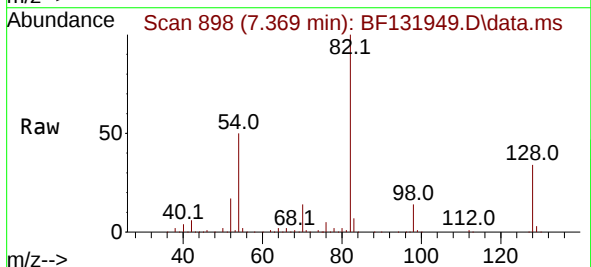
Instrument :
BNA_F
ClientSampleId :

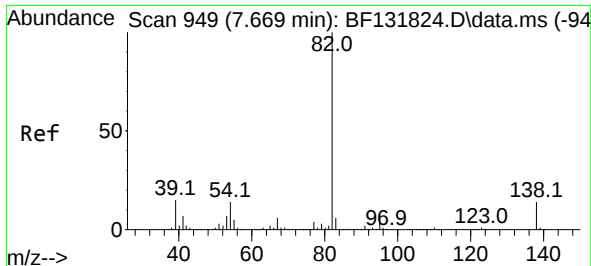
Tgt Ion:136 Resp: 206198
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.4 6.7 10.1
68 5.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 94.826 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF131949.D
Acq: 06 Jan 2023 19:35

Tgt Ion: 82 Resp: 489733
Ion Ratio Lower Upper
82 100
128 34.4 27.1 40.7
54 49.6 37.0 55.6

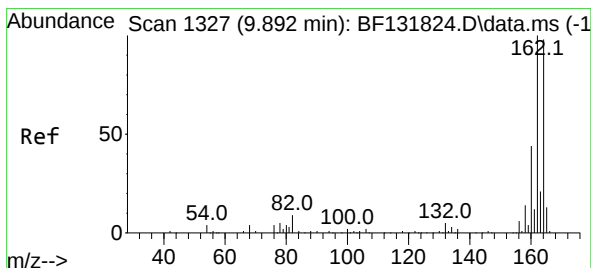
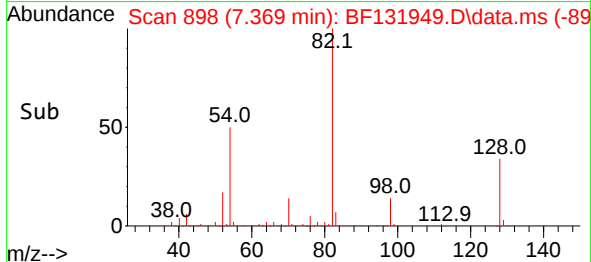
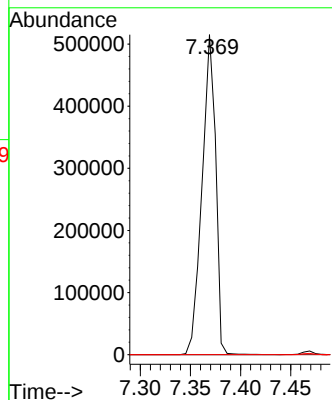
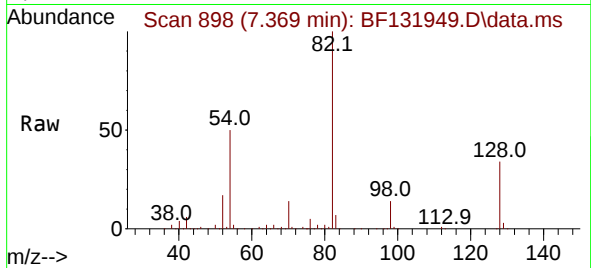




#25
Isophorone
Concen: 58.065 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF131949.D
Acq: 06 Jan 2023 19:35

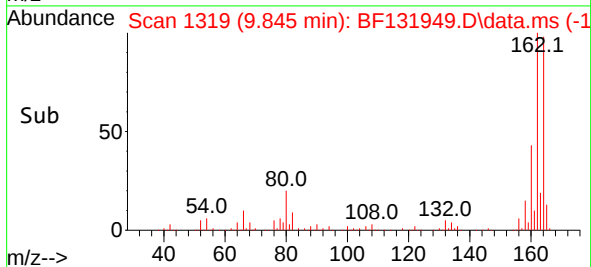
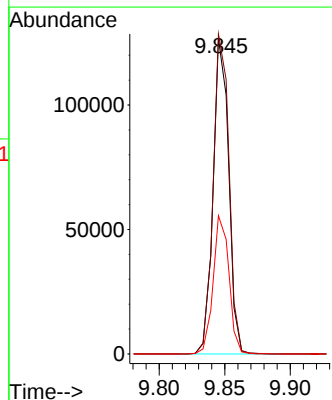
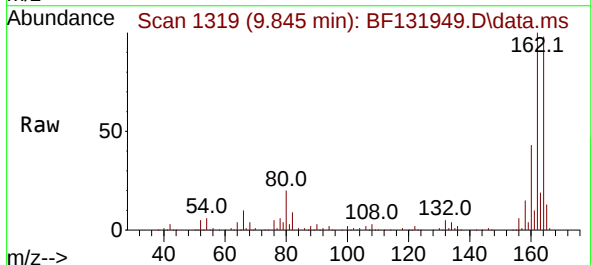
Instrument :
BNA_F
ClientSampleId :

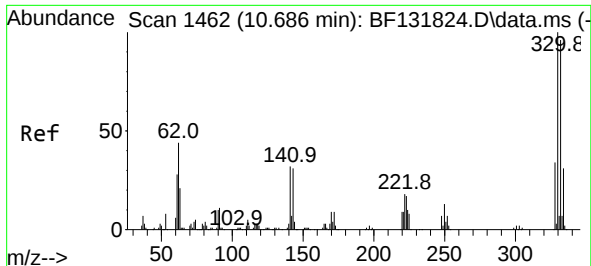
Tgt Ion: 82 Resp: 489728
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF131949.D
Acq: 06 Jan 2023 19:35

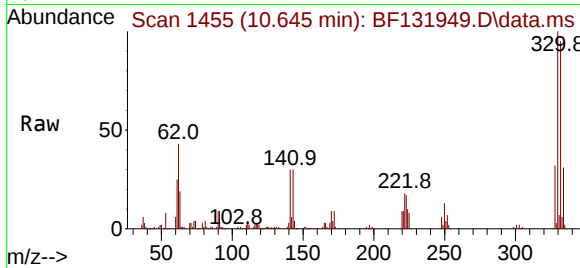
Tgt Ion:164 Resp: 104145
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 43.9 35.7 53.5



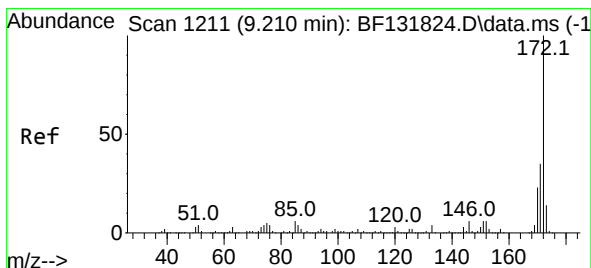
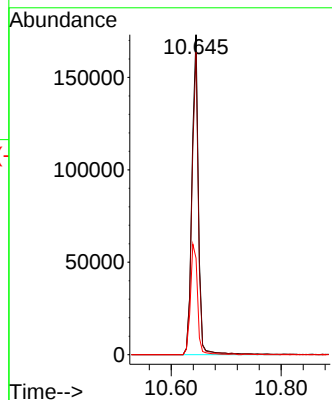
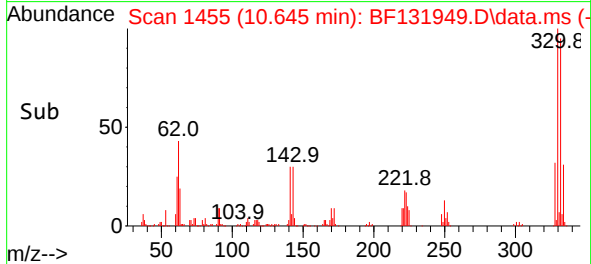


#42
 2,4,6-Tribromophenol
 Concen: 124.235 ng
 RT: 10.645 min Scan# 1455
 Delta R.T. -0.000 min
 Lab File: BF131949.D
 Acq: 06 Jan 2023 19:35

Instrument :
 BNA_F
 ClientSampleId :

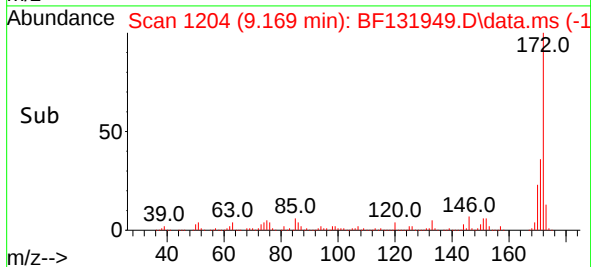
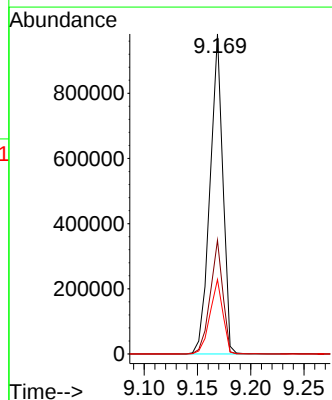
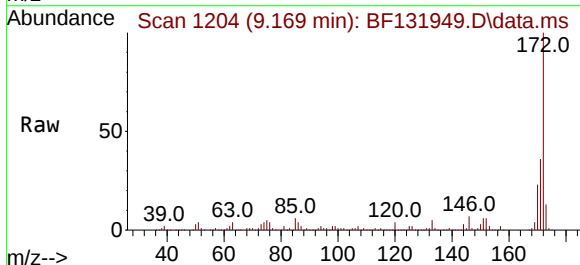


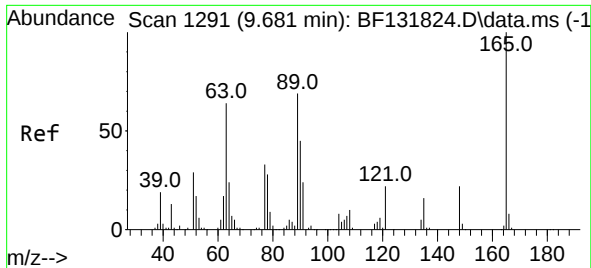
Tgt Ion:330 Resp: 140577
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.4
 141 38.0 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 108.560 ng
 RT: 9.169 min Scan# 1204
 Delta R.T. 0.000 min
 Lab File: BF131949.D
 Acq: 06 Jan 2023 19:35

Tgt Ion:172 Resp: 825416
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.9 41.9
 170 23.2 18.7 28.1

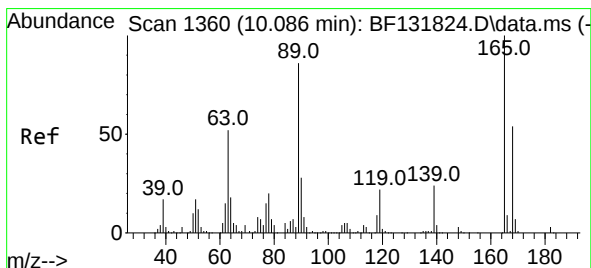
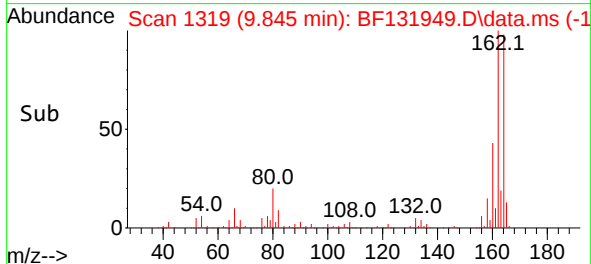
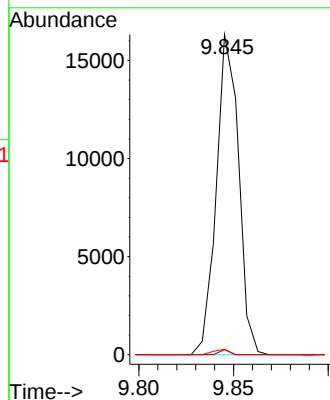
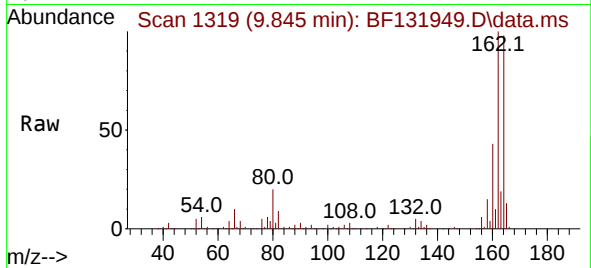




#51
2,6-Dinitrotoluene
Concen: 7.839 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF131949.D
Acq: 06 Jan 2023 19:35

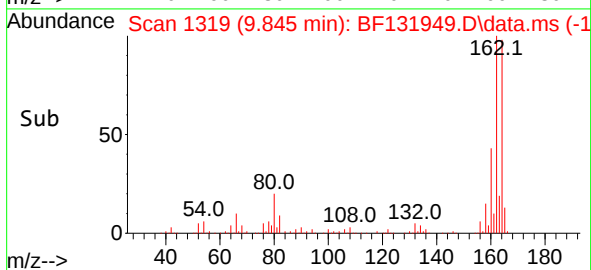
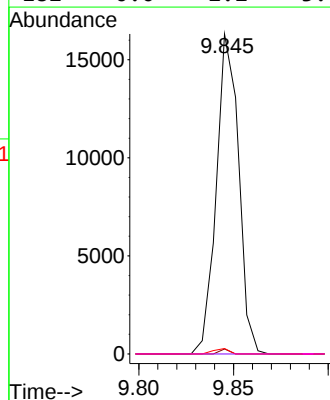
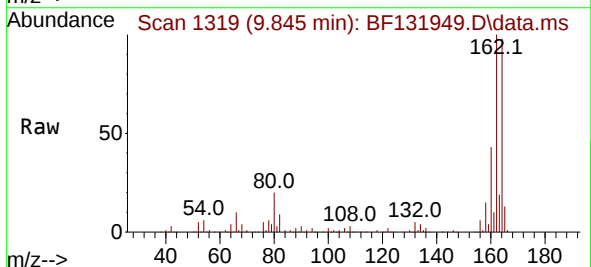
Instrument :
BNA_F
ClientSampleId :

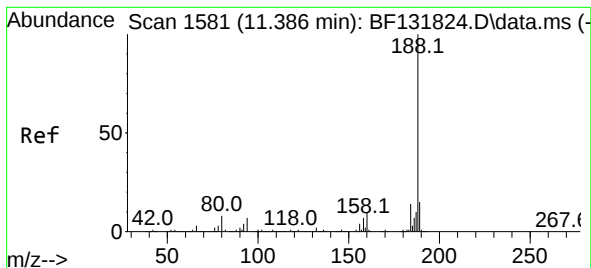
Tgt Ion:165 Resp: 13370
Ion Ratio Lower Upper
165 100
63 1.5 55.1 82.7#
89 1.7 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.732 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.206 min
Lab File: BF131949.D
Acq: 06 Jan 2023 19:35

Tgt Ion:165 Resp: 13370
Ion Ratio Lower Upper
165 100
63 1.5 42.1 63.1#
89 1.7 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: BF131949.D

Acq: 06 Jan 2023 19:35

Instrument :

BNA_F

ClientSampleId :

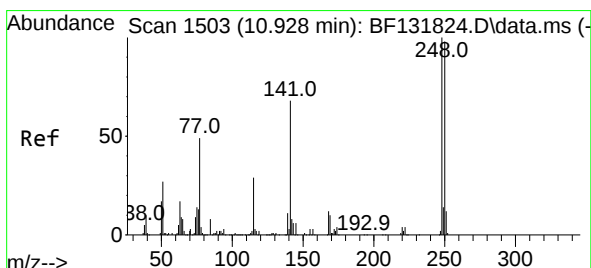
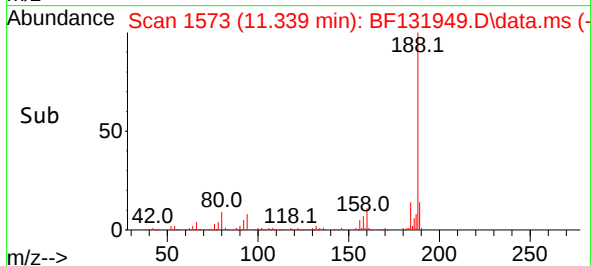
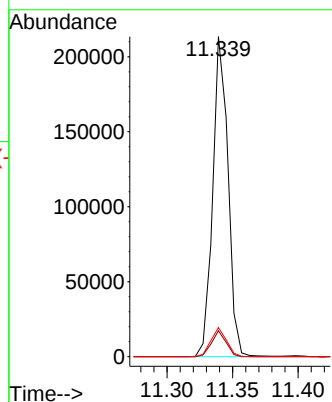
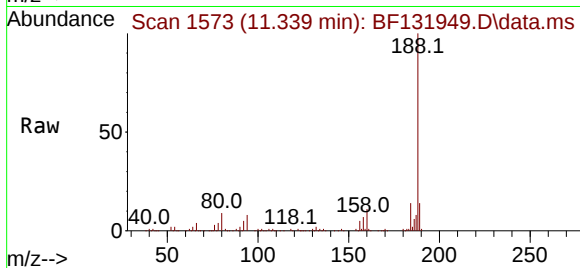
Tgt Ion:188 Resp: 172893

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.6

80 9.1 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 4.606 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.241 min

Lab File: BF131949.D

Acq: 06 Jan 2023 19:35

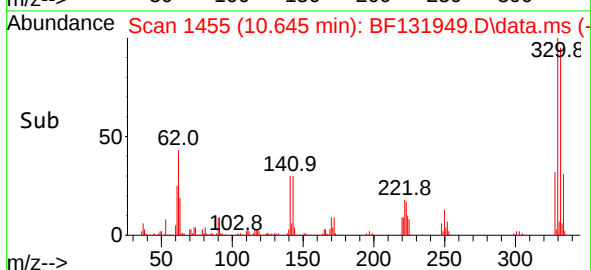
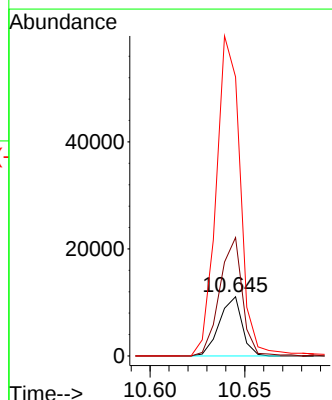
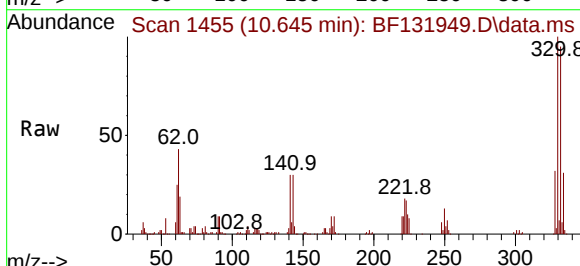
Tgt Ion:248 Resp: 9230

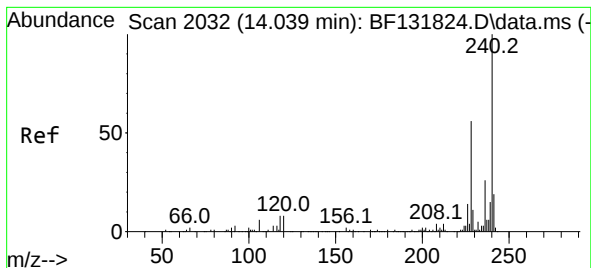
Ion Ratio Lower Upper

248 100

250 200.3 78.0 117.0#

141 471.9 54.8 82.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF131949.D

Acq: 06 Jan 2023 19:35

Instrument :

BNA_F

ClientSampleId :

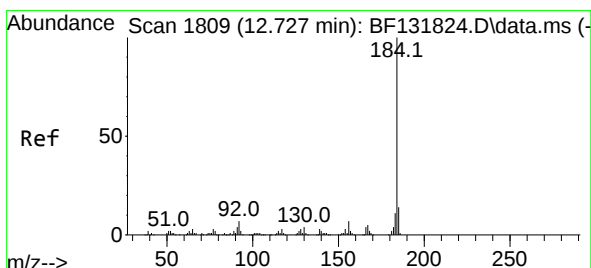
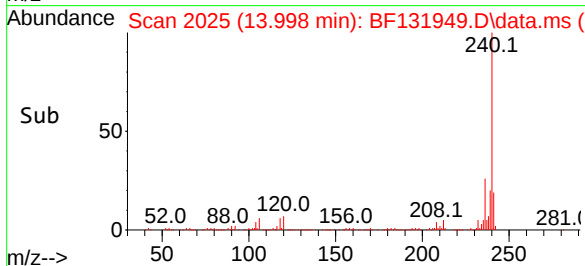
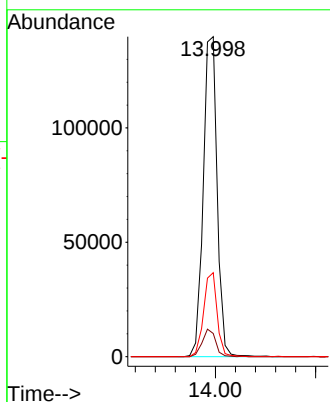
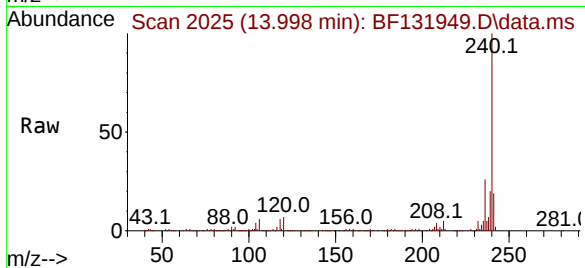
Tgt Ion:240 Resp: 135177

Ion Ratio Lower Upper

240 100

120 7.2 6.7 10.1

236 26.2 20.6 31.0



#77

Benzidine

Concen: 5.619 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.253 min

Lab File: BF131949.D

Acq: 06 Jan 2023 19:35

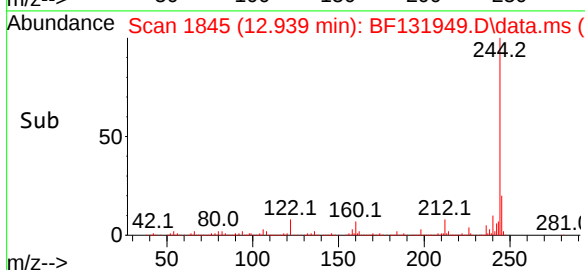
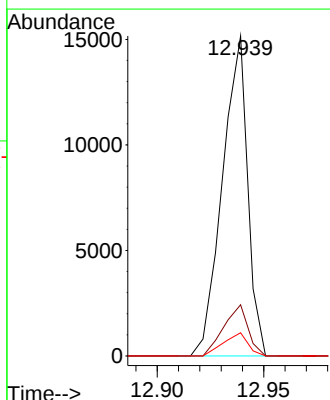
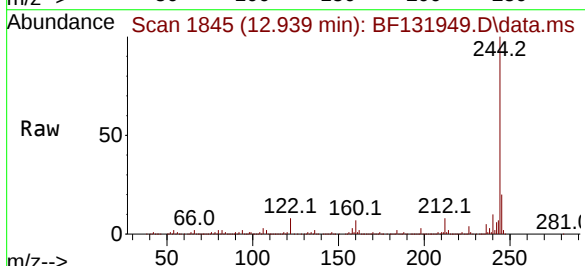
Tgt Ion:184 Resp: 12482

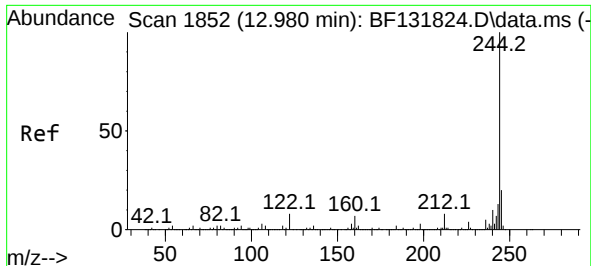
Ion Ratio Lower Upper

184 100

185 16.0 11.6 17.4

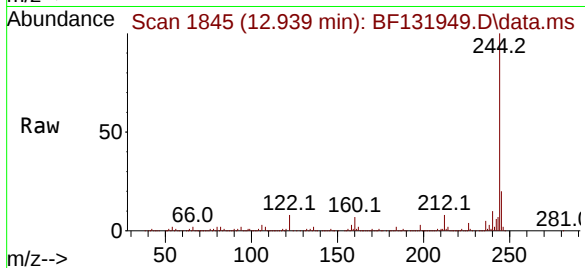
183 7.2 9.0 13.4#



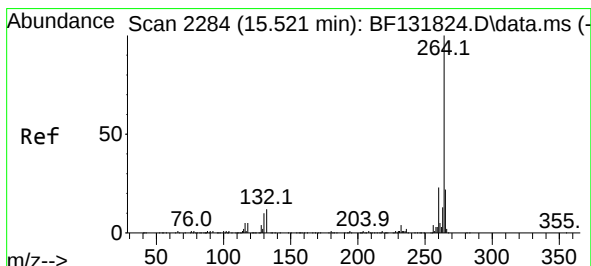
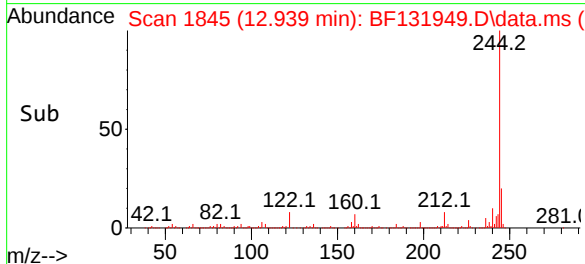
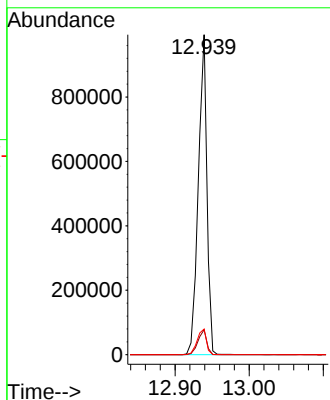


#79
 Terphenyl-d14
 Concen: 100.406 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131949.D
 Acq: 06 Jan 2023 19:35

Instrument :
 BNA_F
 ClientSampleId :

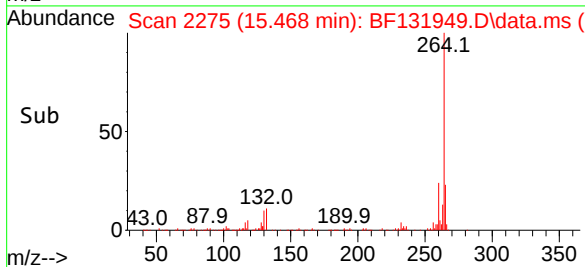
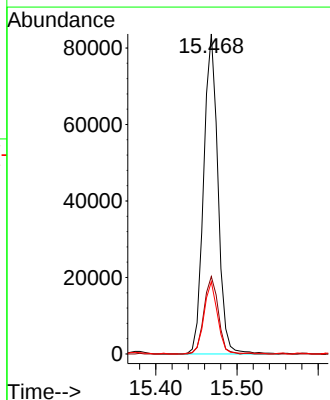
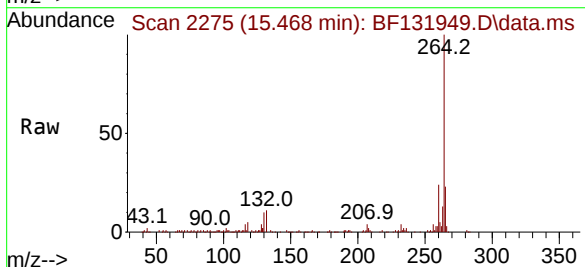


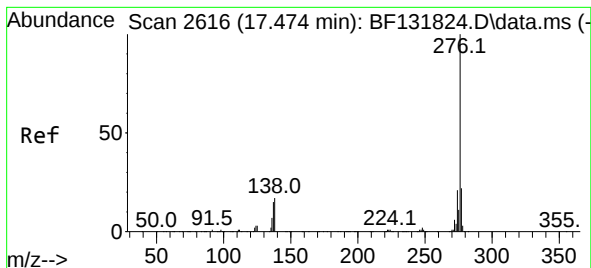
Tgt Ion:244 Resp: 802390
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.0 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF131949.D
 Acq: 06 Jan 2023 19:35

Tgt Ion:264 Resp: 101870
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 22.6 17.4 26.0





#92

Benzo(g,h,i)perylene

Concen: 5.350 ng

RT: 17.386 min Scan# 20

Delta R.T. -0.012 min

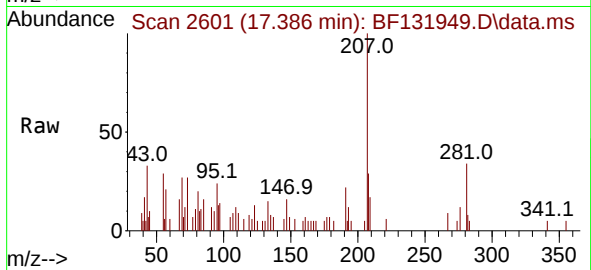
Lab File: BF131949.D

Acq: 06 Jan 2023 19:35

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 725

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 13.7 20.5#

