

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131896.D
 Acq On : 04 Jan 2023 13:27
 Operator : CG\JU
 Sample : N6242-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MM-4

Quant Time: Jan 05 05:40:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

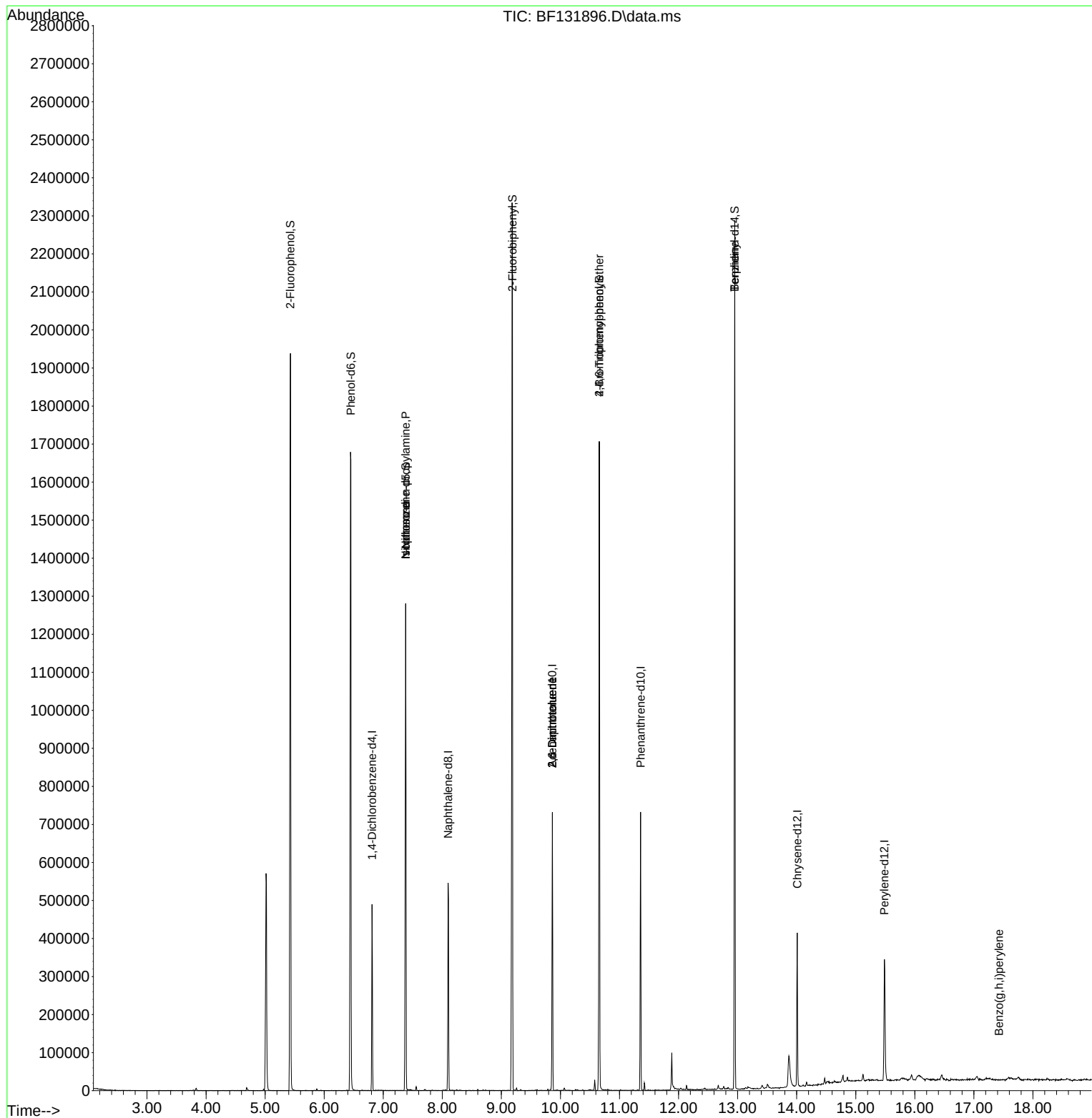
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	63302	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	234130	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	134711	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	244003	20.000	ng	0.00
76) Chrysene-d12	14.009	240	123458	20.000	ng	0.00
86) Perylene-d12	15.486	264	142352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	469143	122.820	ng	0.00
7) Phenol-d6	6.451	99	611473	121.844	ng	0.00
23) Nitrobenzene-d5	7.380	82	430928	73.485	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	173495	118.537	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	761315	77.410	ng	0.00
79) Terphenyl-d14	12.951	244	706461	96.793	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.380	70	59681	16.839	ng	# 78
25) Isophorone	7.380	82	430922	44.997	ng	# 69
51) 2,6-Dinitrotoluene	9.863	165	17069	7.737	ng	# 18
57) 2,4-Dinitrotoluene	9.863	165	17069	5.657	ng	# 17
67) 4-Bromophenyl-phenylether	10.657	248	12235	4.326	ng	# 1
77) Benzidine	12.951	184	10735	5.291	ng	# 92
92) Benzo(g,h,i)perylene	17.427	276	61	5.254	ng	# 56

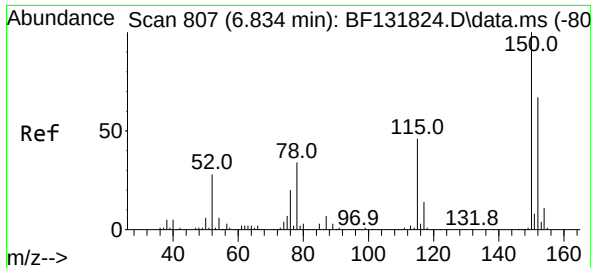
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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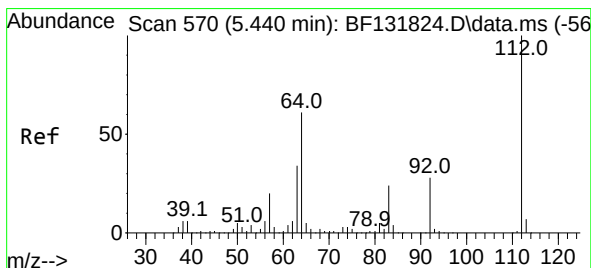
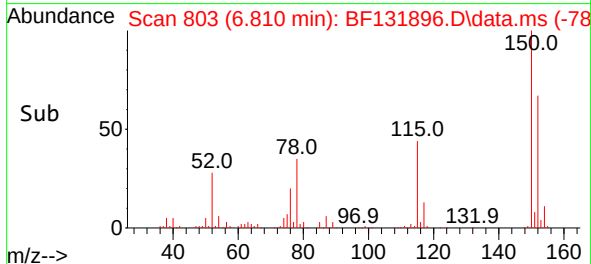
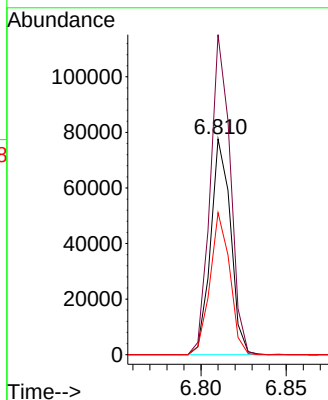
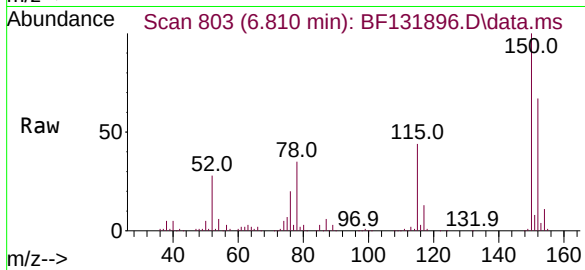




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

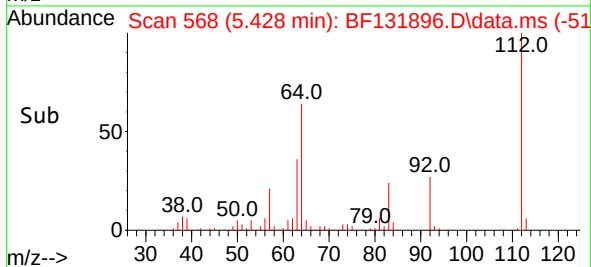
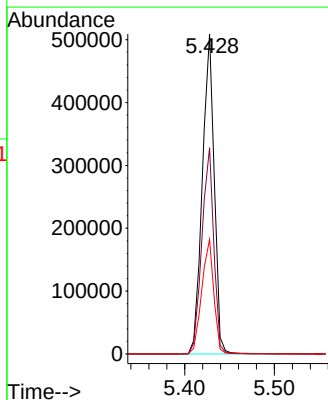
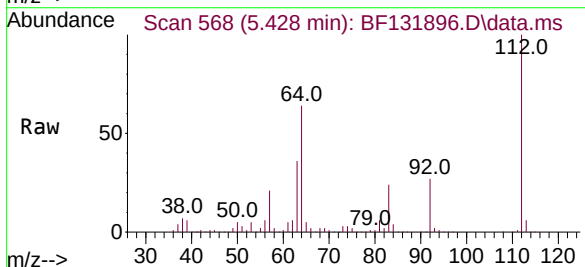
Instrument :
BNA_F
ClientSampleId :
MM-4

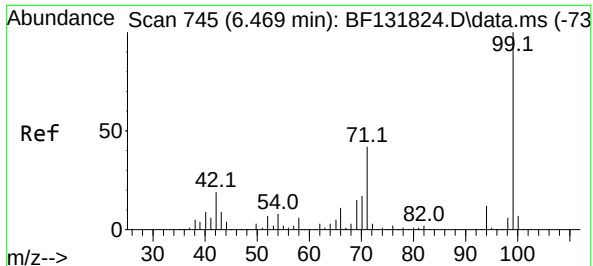
Tgt Ion:152 Resp: 63302
Ion Ratio Lower Upper
152 100
150 148.4 120.0 180.0
115 65.9 55.1 82.7



#5
2-Fluorophenol
Concen: 122.820 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

Tgt Ion:112 Resp: 469143
Ion Ratio Lower Upper
112 100
64 64.5 49.2 73.8
63 35.8 27.5 41.3

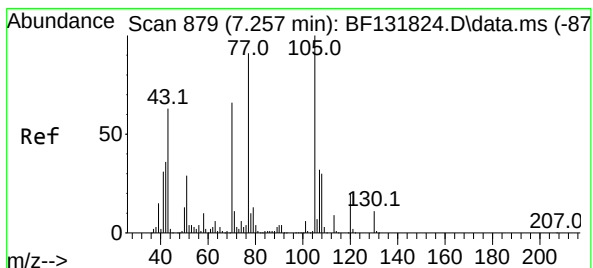
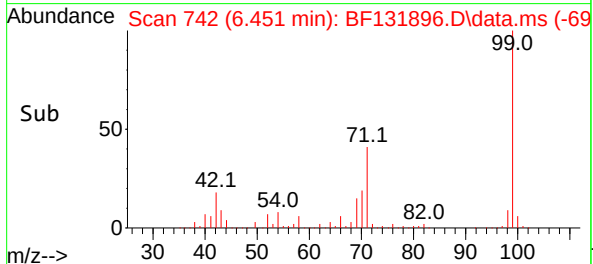
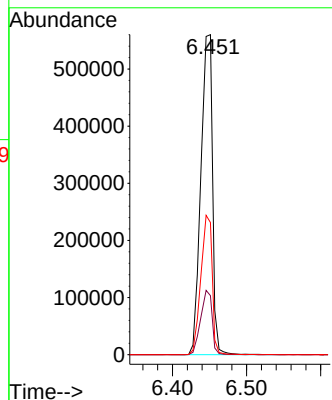
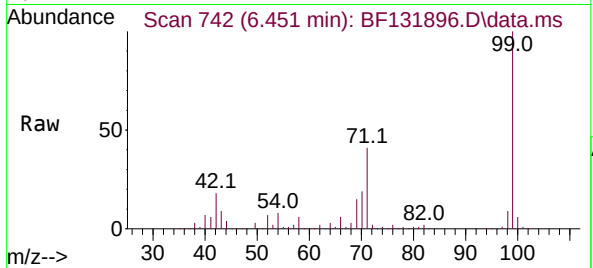




#7
Phenol-d6
Concen: 121.844 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

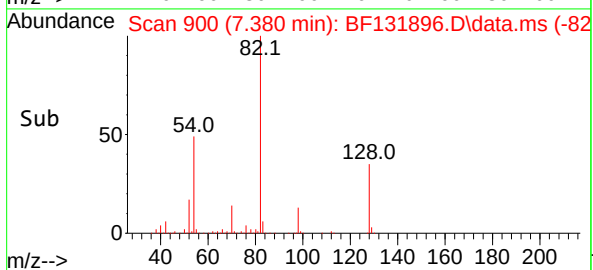
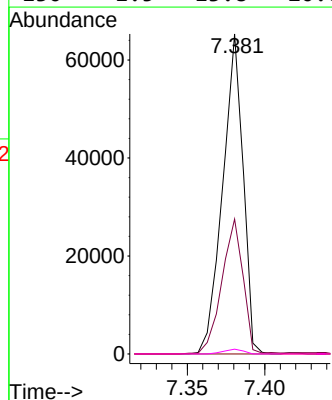
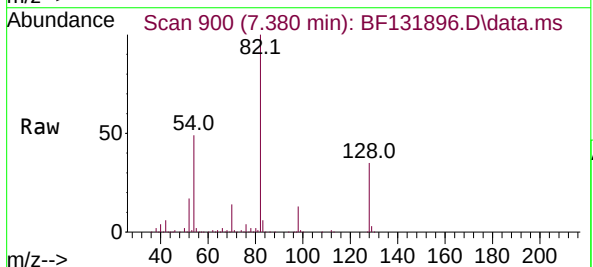
Instrument :
BNA_F
ClientSampleId :
MM-4

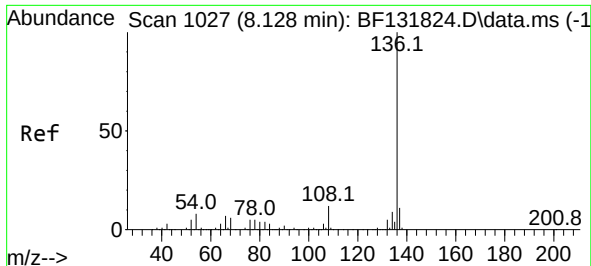
Tgt Ion: 99 Resp: 611473
Ion Ratio Lower Upper
99 100
42 18.4 15.3 22.9
71 41.3 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.839 ng
RT: 7.380 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

Tgt Ion: 70 Resp: 59681
Ion Ratio Lower Upper
70 100
42 42.2 43.8 65.6#
101 0.0 7.4 11.0#
130 1.5 13.8 20.6#

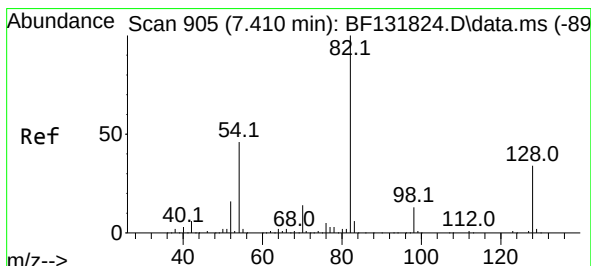
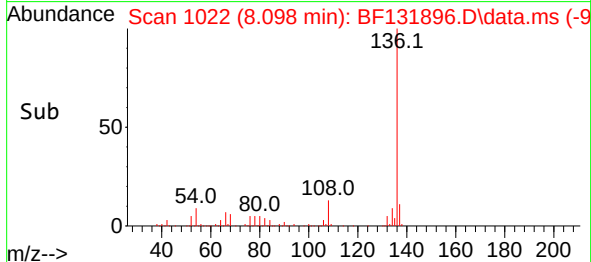
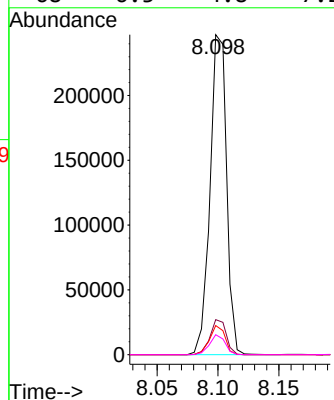
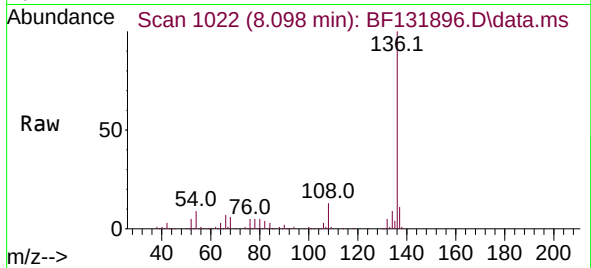




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

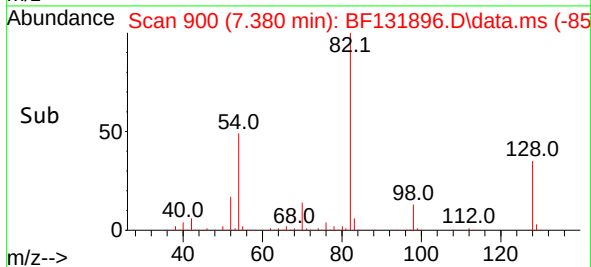
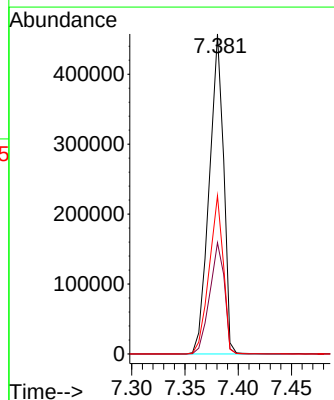
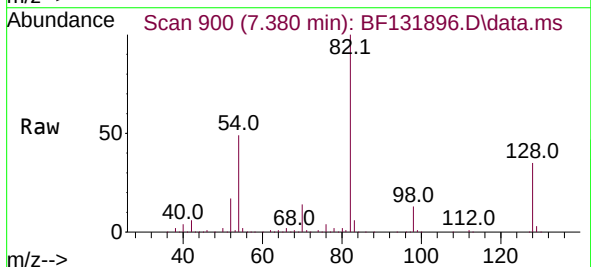
Instrument :
BNA_F
ClientSampleId :
MM-4

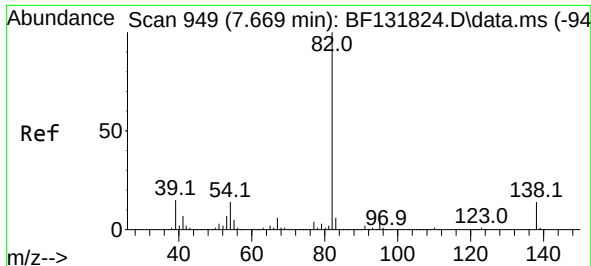
Tgt Ion:	136	Resp:	234130
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.1	6.7	10.1
68	6.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 73.485 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

Tgt Ion:	82	Resp:	430928
Ion	Ratio	Lower	Upper
82	100		
128	34.8	27.1	40.7
54	49.5	37.0	55.6

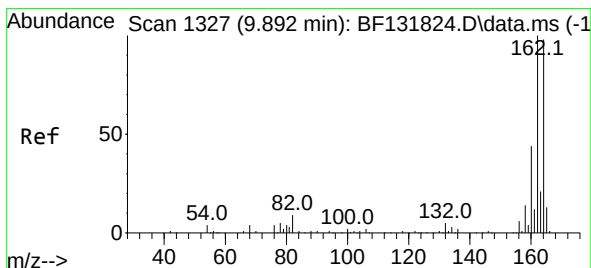
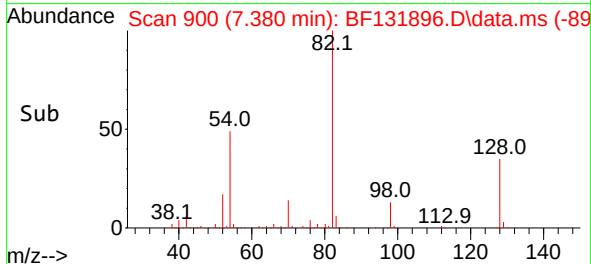
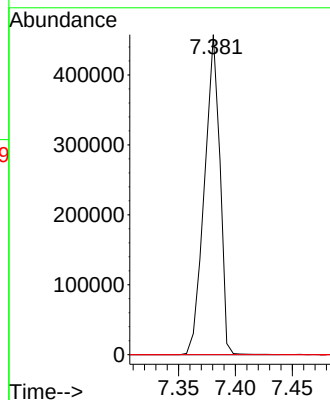
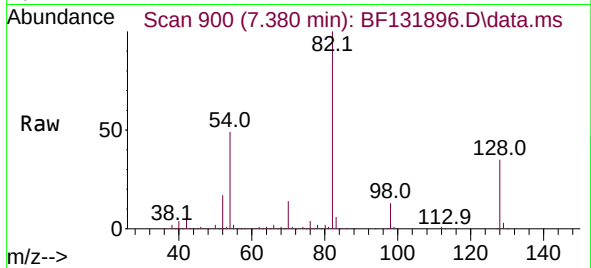




#25
Isophorone
Concen: 44.997 ng
RT: 7.380 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

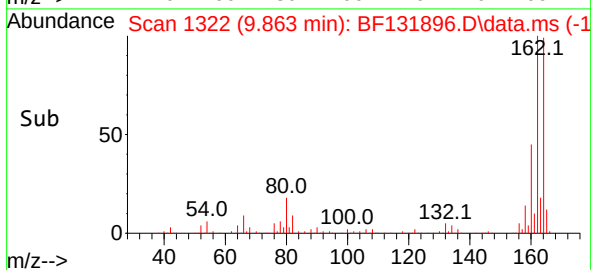
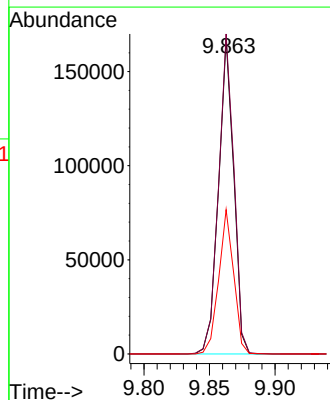
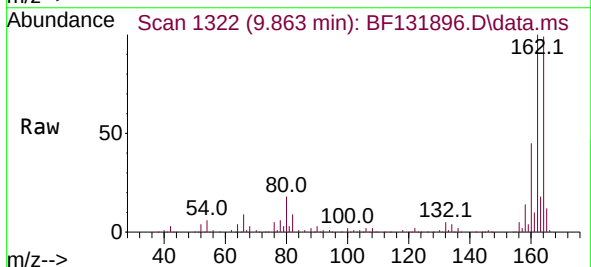
Instrument :
BNA_F
ClientSampleId :
MM-4

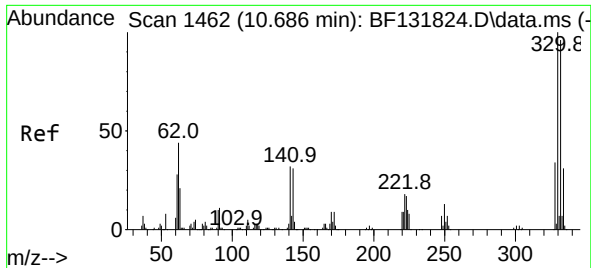
Tgt Ion: 82 Resp: 430922
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

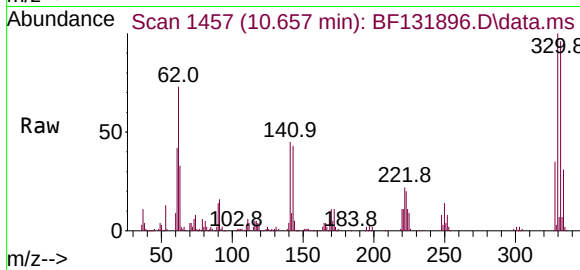
Tgt Ion: 164 Resp: 134711
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 45.8 35.7 53.5



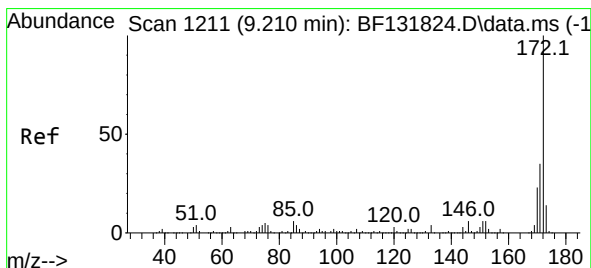
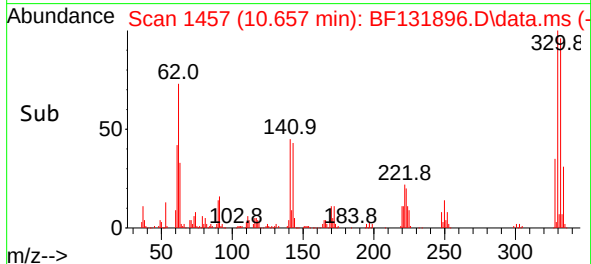
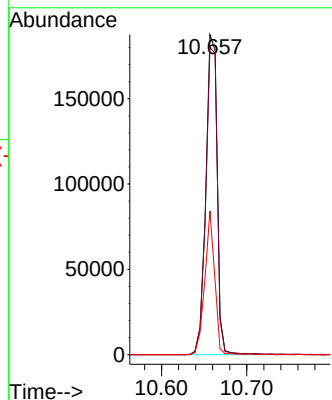


#42
2,4,6-Tribromophenol
Concen: 118.537 ng
RT: 10.657 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

Instrument :
BNA_F
ClientSampleId :
MM-4

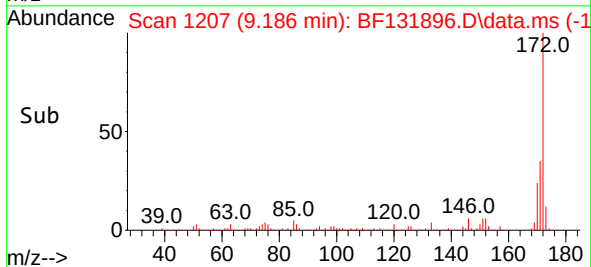
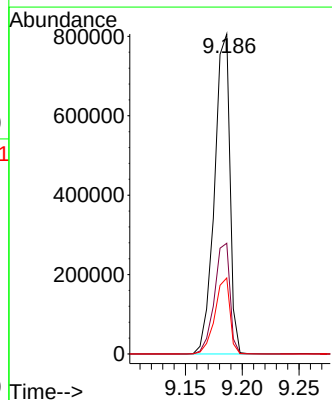
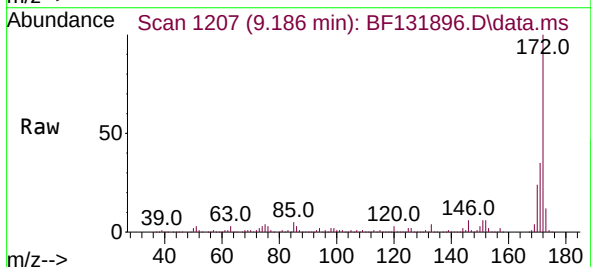


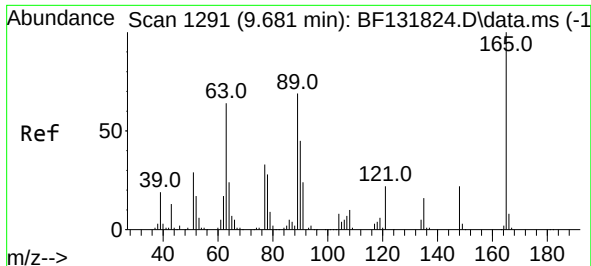
Tgt Ion:330 Resp: 173495
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 39.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 77.410 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

Tgt Ion:172 Resp: 761315
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.7 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 7.737 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF131896.D

Acq: 04 Jan 2023 13:27

Instrument :

BNA_F

ClientSampleId :

MM-4

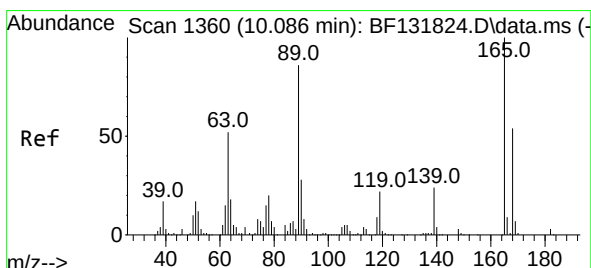
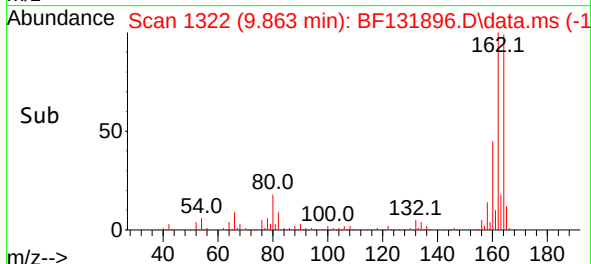
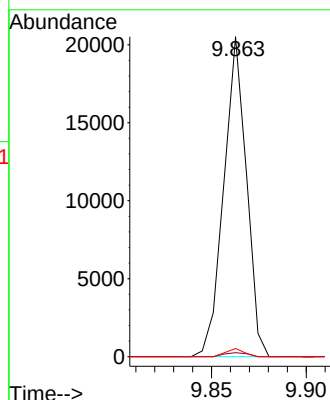
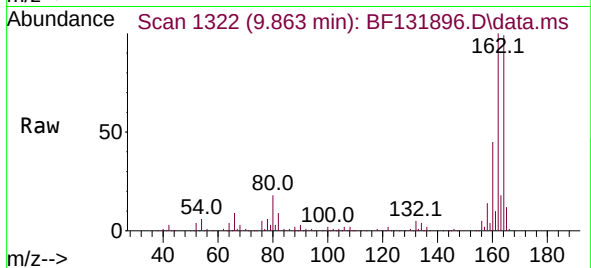
Tgt Ion:165 Resp: 17069

Ion Ratio Lower Upper

165 100

63 1.3 55.1 82.7#

89 2.6 55.0 82.4#



#57

2,4-Dinitrotoluene

Concen: 5.657 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.206 min

Lab File: BF131896.D

Acq: 04 Jan 2023 13:27

Tgt Ion:165 Resp: 17069

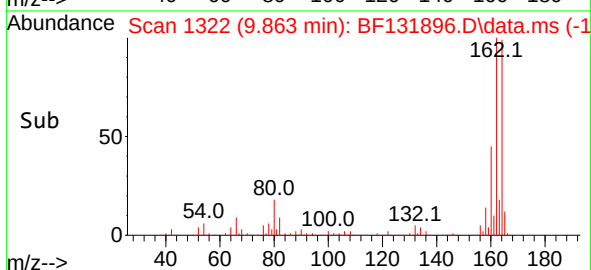
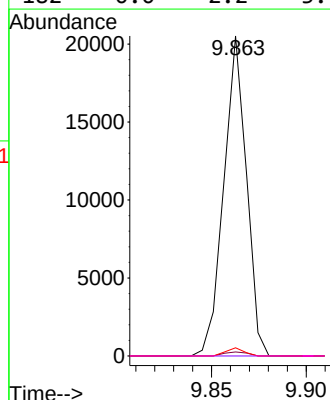
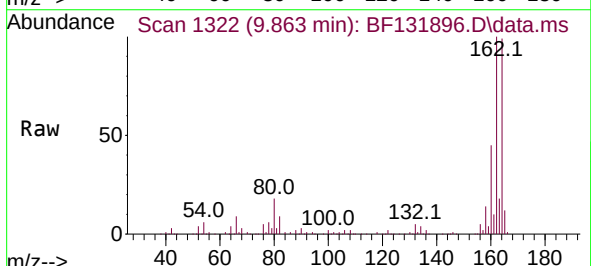
Ion Ratio Lower Upper

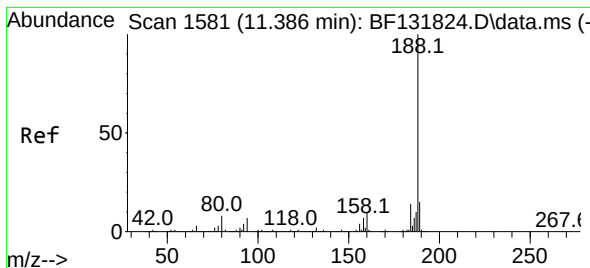
165 100

63 1.3 42.1 63.1#

89 2.6 69.1 103.7#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131896.D

Acq: 04 Jan 2023 13:27

Instrument :

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ClientSampleId :

MM-4

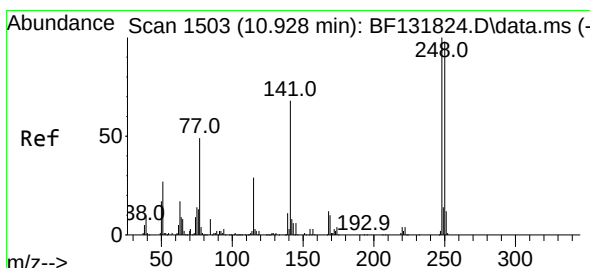
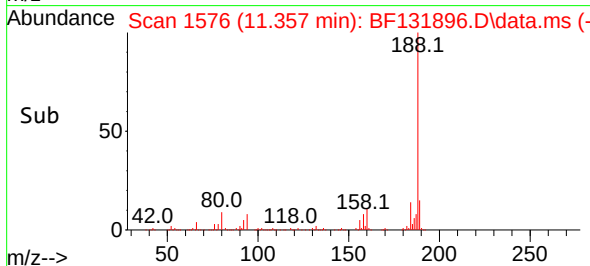
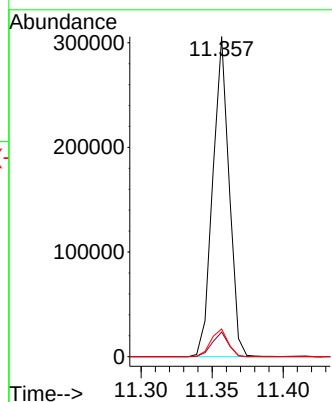
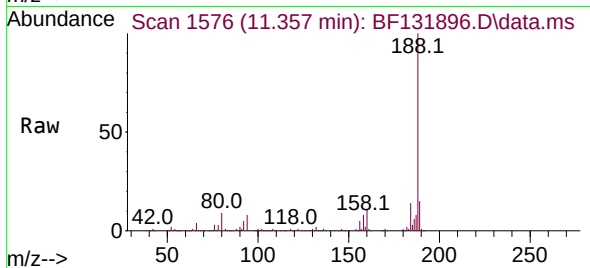
Tgt Ion:188 Resp: 244003

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.6

80 8.7 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 4.326 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF131896.D

Acq: 04 Jan 2023 13:27

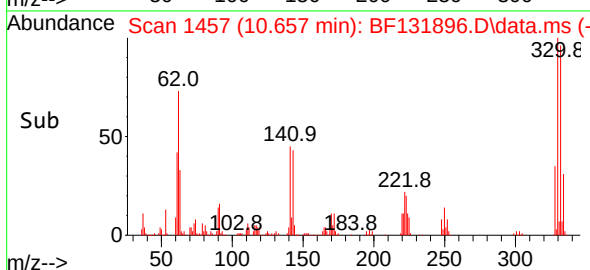
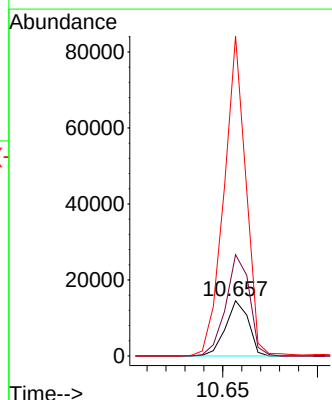
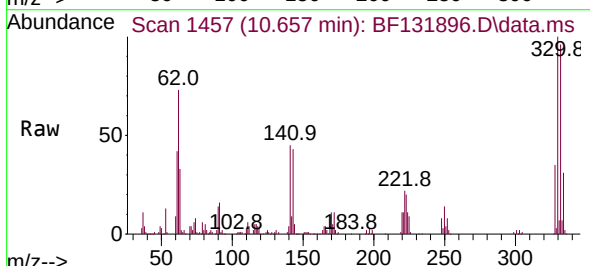
Tgt Ion:248 Resp: 12235

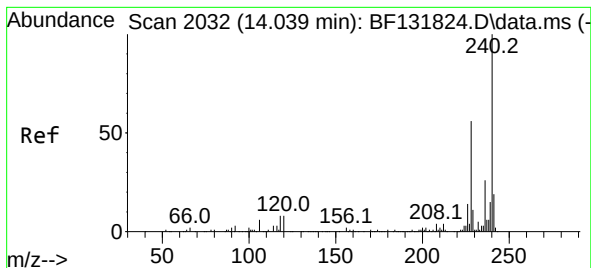
Ion Ratio Lower Upper

248 100

250 183.5 78.0 117.0#

141 579.5 54.8 82.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.009 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF131896.D

Acq: 04 Jan 2023 13:27

Instrument :

BNA_F

ClientSampleId :

MM-4

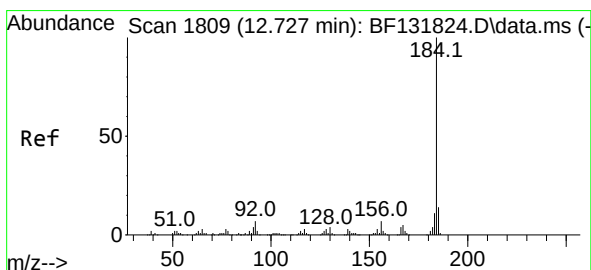
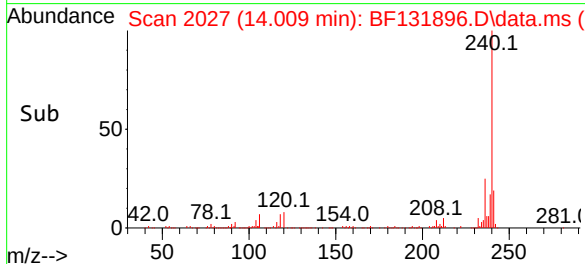
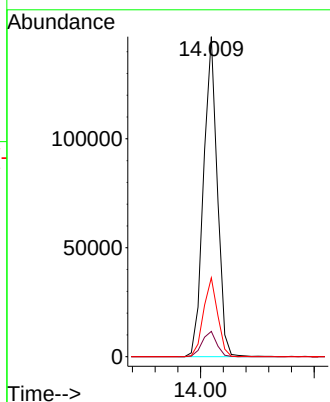
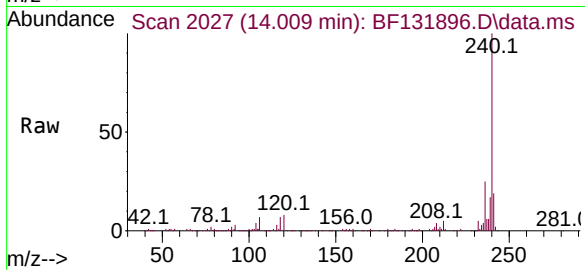
Tgt Ion:240 Resp: 123458

Ion Ratio Lower Upper

240 100

120 7.9 6.7 10.1

236 24.7 20.6 31.0



#77

Benzidine

Concen: 5.291 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.241 min

Lab File: BF131896.D

Acq: 04 Jan 2023 13:27

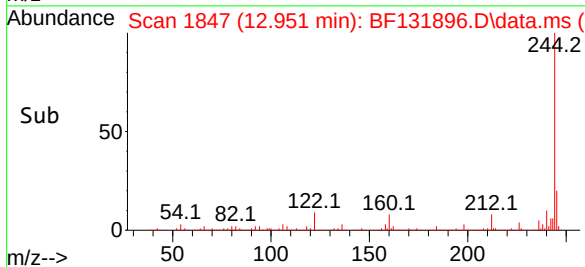
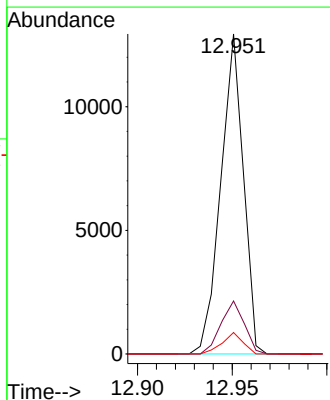
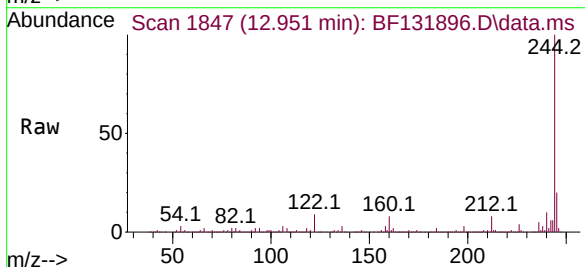
Tgt Ion:184 Resp: 10735

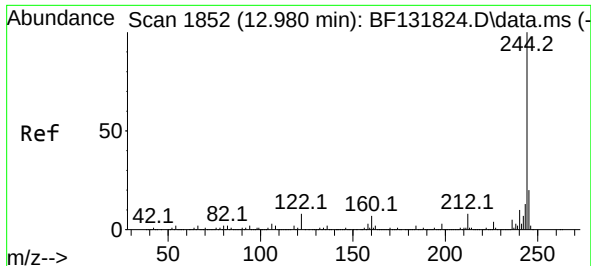
Ion Ratio Lower Upper

184 100

185 16.6 11.6 17.4

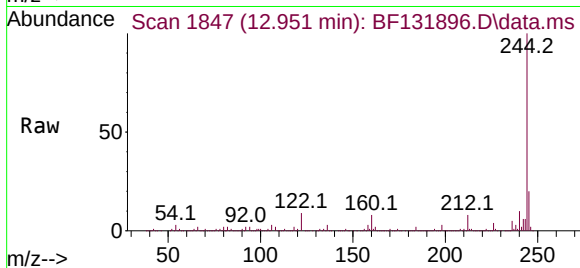
183 6.7 9.0 13.4#





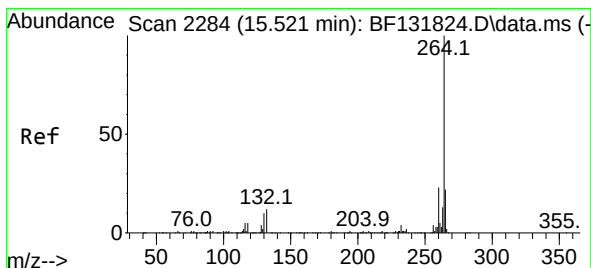
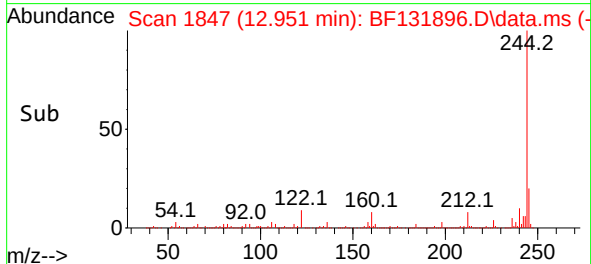
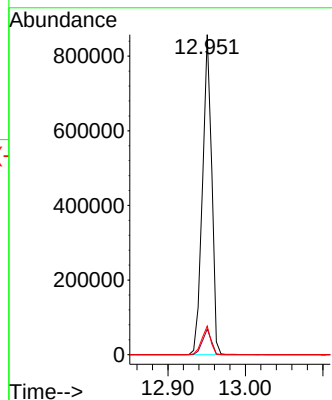
#79
 Terphenyl-d14
 Concen: 96.793 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF131896.D
 Acq: 04 Jan 2023 13:27

Instrument :
 BNA_F
 ClientSampleId :
 MM-4



Tgt Ion:244 Resp: 706461

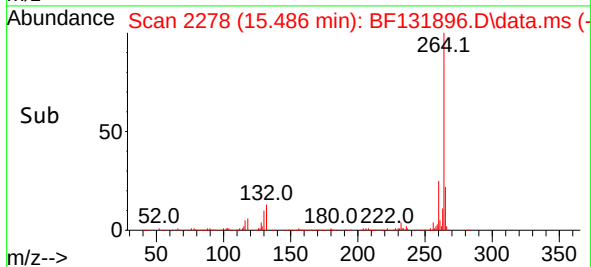
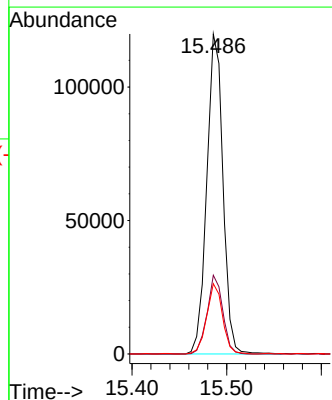
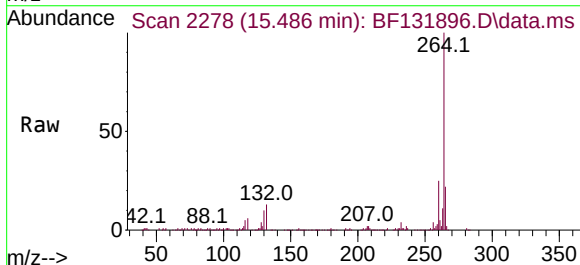
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	8.9	6.4	9.6

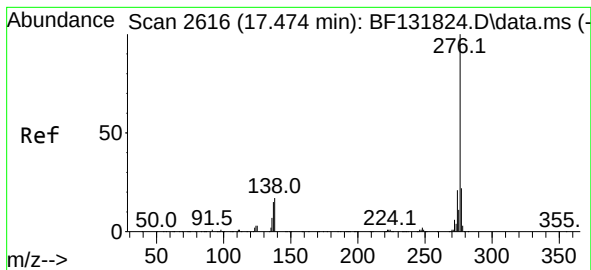


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF131896.D
 Acq: 04 Jan 2023 13:27

Tgt Ion:264 Resp: 142352

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	28.0
265	21.9	17.4	26.0





#92

Benzo(g,h,i)perylene

Concen: 5.254 ng

RT: 17.427 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF131896.D

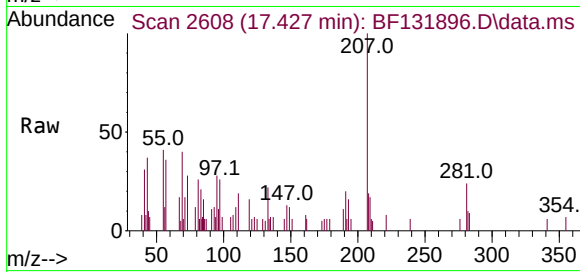
Acq: 04 Jan 2023 13:27

Instrument :

BNA_F

ClientSampleId :

MM-4



Tgt Ion:276 Resp: 61

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 13.7 20.5#

