

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131951.D
 Acq On : 06 Jan 2023 20:40
 Operator : CG\JU
 Sample : 01043-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 00:25:44 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)

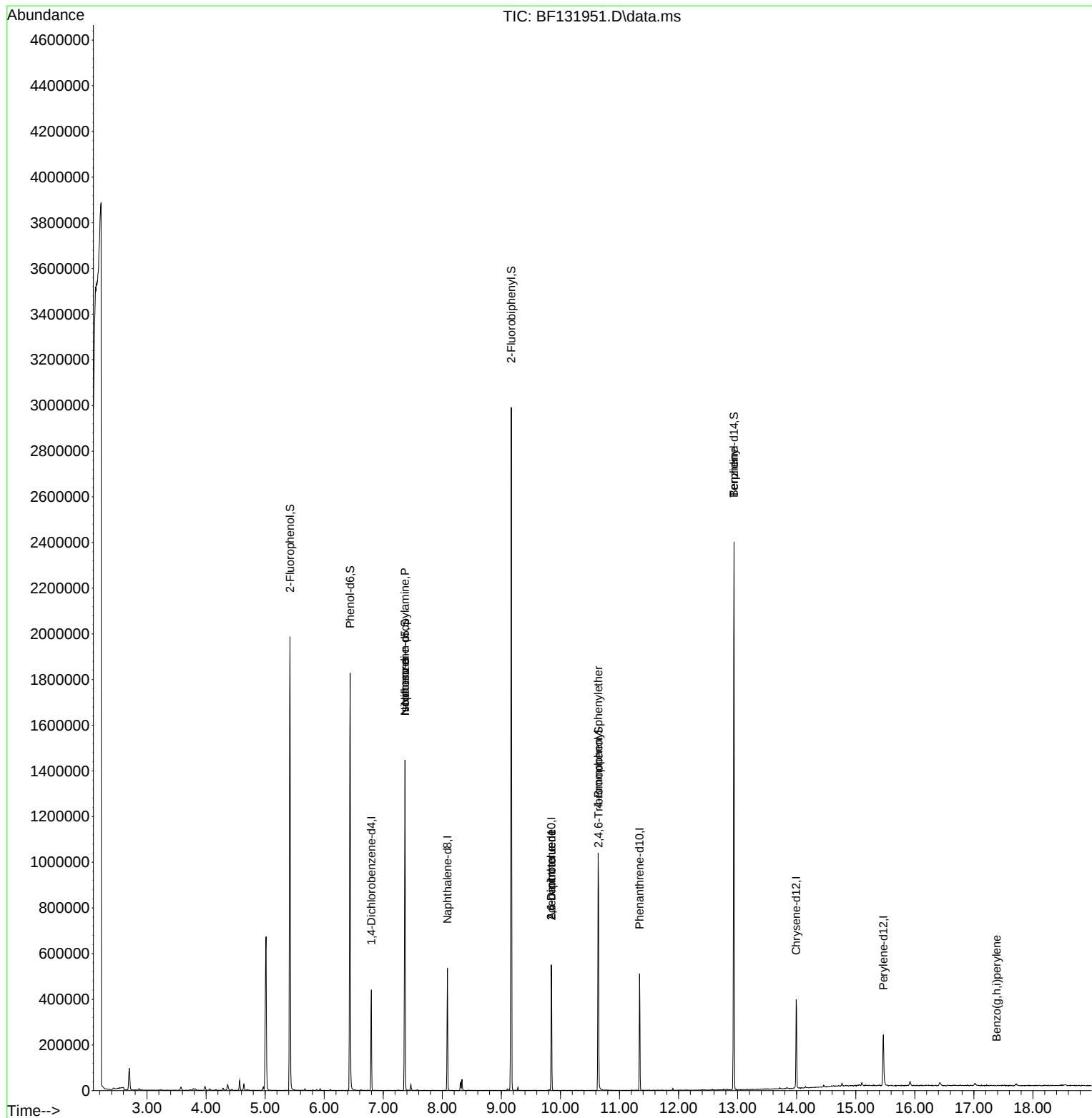
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	57391	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	201656	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	102297	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	171483	20.000	ng	0.00
76) Chrysene-d12	13.992	240	132453	20.000	ng	0.00
86) Perylene-d12	15.468	264	97783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	490149	141.535	ng	0.02
7) Phenol-d6	6.440	99	579350	127.334	ng	0.00
23) Nitrobenzene-d5	7.369	82	478198	94.678	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	112012	100.779	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	797970	106.846	ng	0.00
79) Terphenyl-d14	12.939	244	788015	100.635	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	67378	20.968	ng	# 78
25) Isophorone	7.369	82	478193	57.974	ng	# 69
51) 2,6-Dinitrotoluene	9.845	165	13530	8.076	ng	# 18
57) 2,4-Dinitrotoluene	9.845	165	13530	5.905	ng	# 17
67) 4-Bromophenyl-phenylether	10.639	248	7851	3.950	ng	# 1
77) Benzidine	12.939	184	12176	5.594	ng	# 91
92) Benzo(g,h,i)perylene	17.386	276	474	5.318	ng	# 56

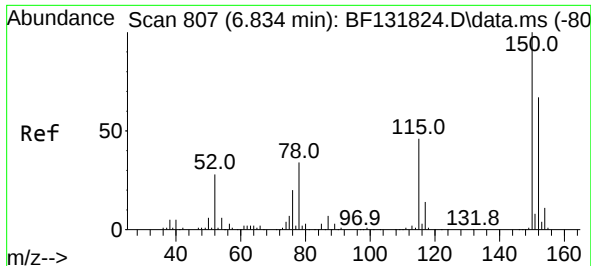
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 06 23:58:27 2023
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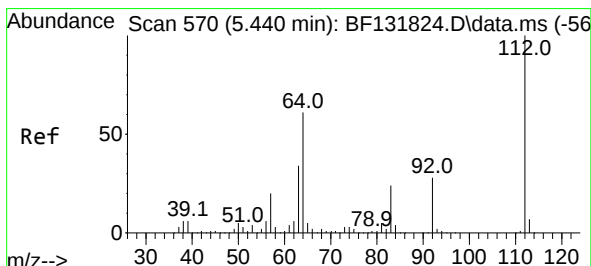
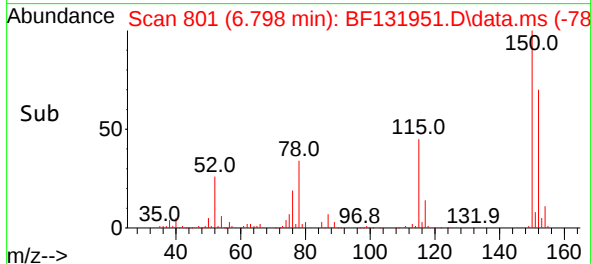
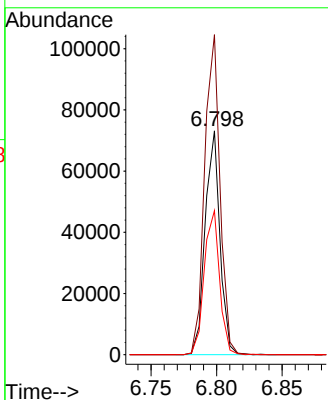
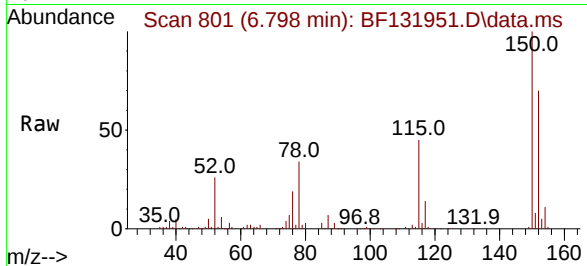




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF131951.D
Acq: 06 Jan 2023 20:40

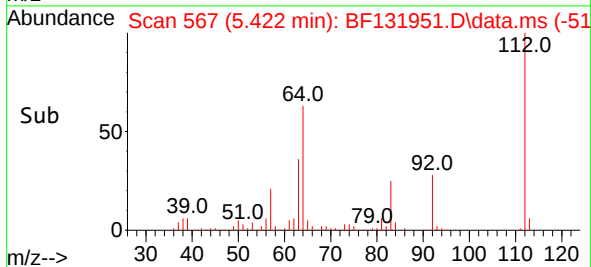
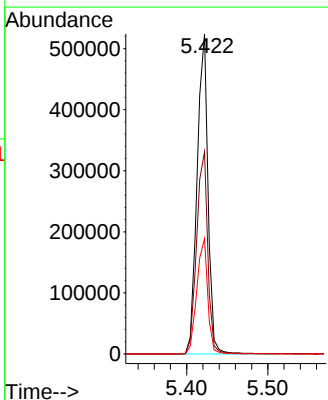
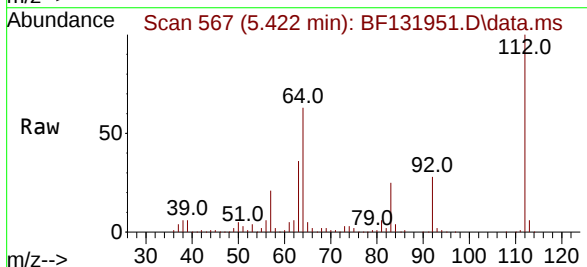
Instrument :
BNA_F
ClientSampleId :

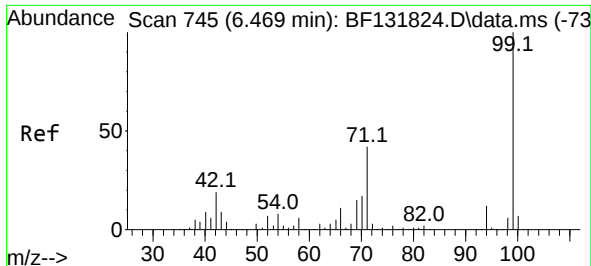
Tgt Ion:152 Resp: 57391
Ion Ratio Lower Upper
152 100
150 142.9 120.0 180.0
115 64.3 55.1 82.7



#5
2-Fluorophenol
Concen: 141.535 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.024 min
Lab File: BF131951.D
Acq: 06 Jan 2023 20:40

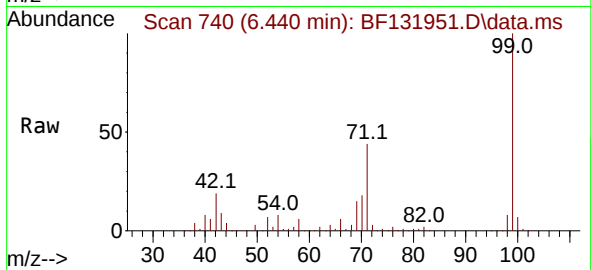
Tgt Ion:112 Resp: 490149
Ion Ratio Lower Upper
112 100
64 63.2 49.2 73.8
63 36.0 27.5 41.3



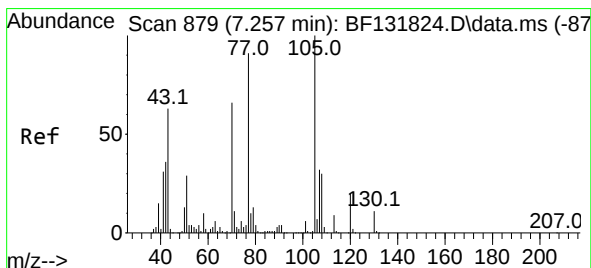
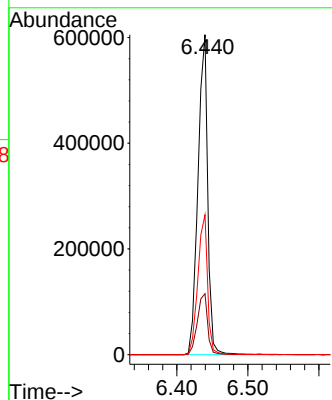
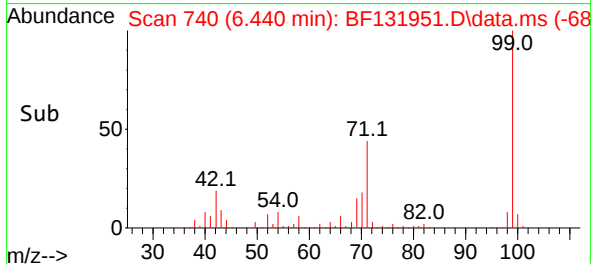


#7
Phenol-d6
Concen: 127.334 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF131951.D
Acq: 06 Jan 2023 20:40

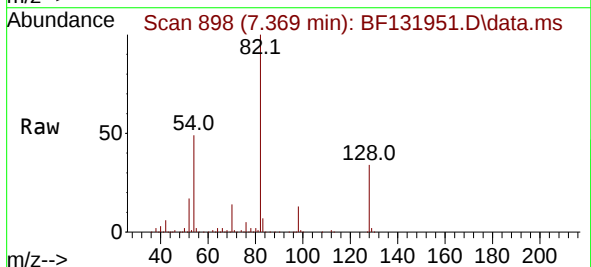
Instrument :
BNA_F
ClientSampleId :



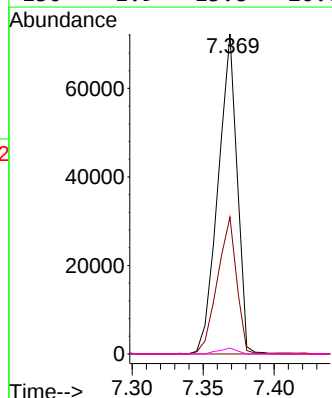
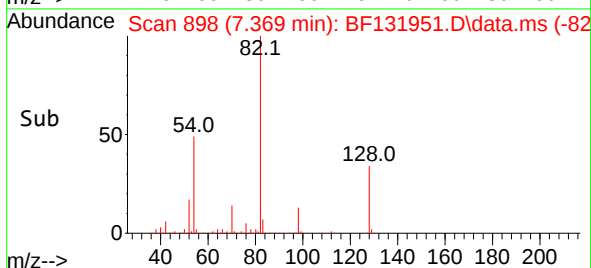
Tgt Ion: 99 Resp: 579350
Ion Ratio Lower Upper
99 100
42 19.0 15.3 22.9
71 43.7 33.5 50.3

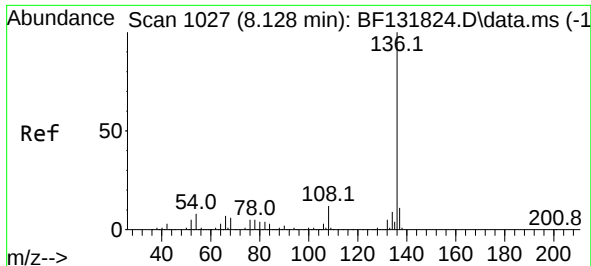


#19
n-Nitroso-di-n-propylamine
Concen: 20.968 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF131951.D
Acq: 06 Jan 2023 20:40



Tgt Ion: 70 Resp: 67378
Ion Ratio Lower Upper
70 100
42 42.8 43.8 65.6#
101 0.0 7.4 11.0#
130 1.9 13.8 20.6#



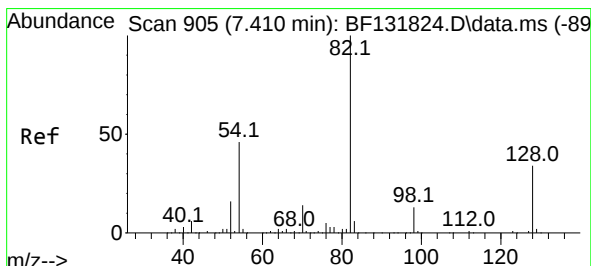
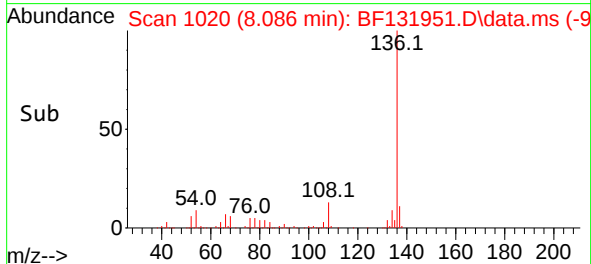
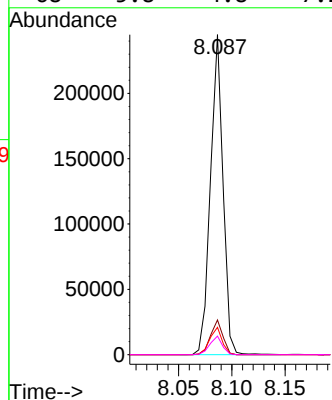
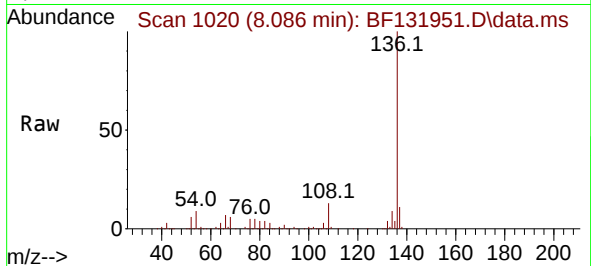


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131951.D
Acq: 06 Jan 2023 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 201656

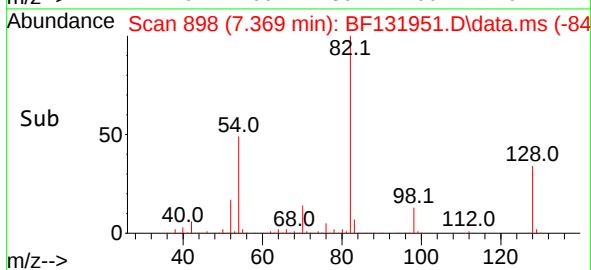
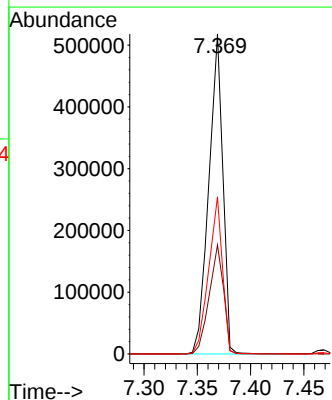
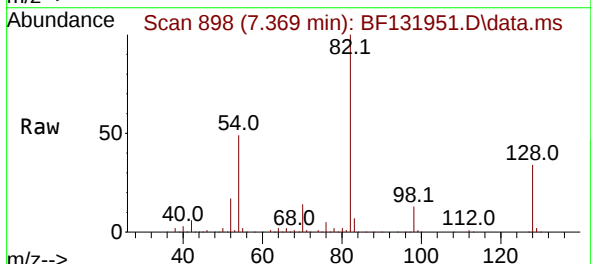
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	8.5	6.7	10.1
68	5.8	4.8	7.2

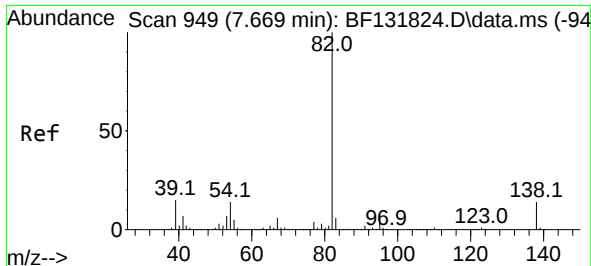


#23
Nitrobenzene-d5
Concen: 94.678 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF131951.D
Acq: 06 Jan 2023 20:40

Tgt Ion: 82 Resp: 478198

Ion	Ratio	Lower	Upper
82	100		
128	34.1	27.1	40.7
54	49.1	37.0	55.6

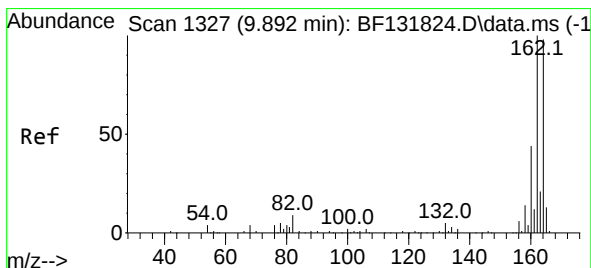
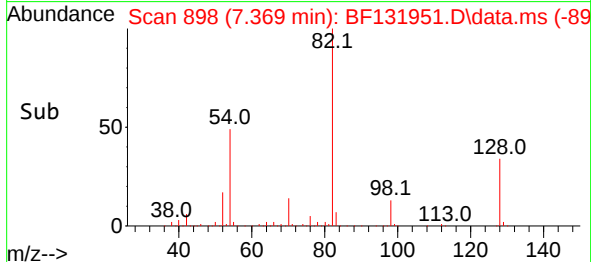
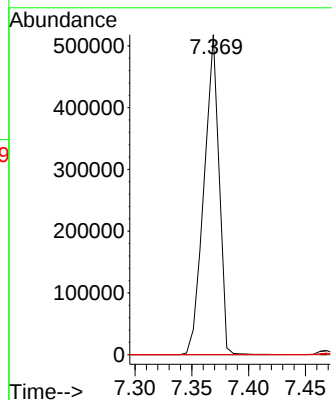
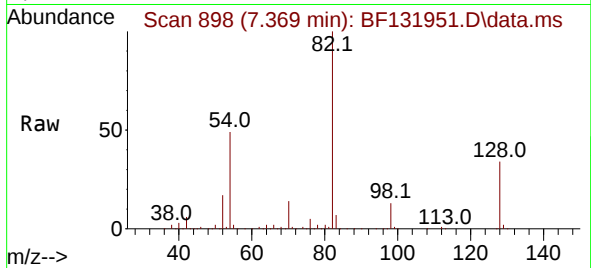




#25
Isophorone
Concen: 57.974 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF131951.D
Acq: 06 Jan 2023 20:40

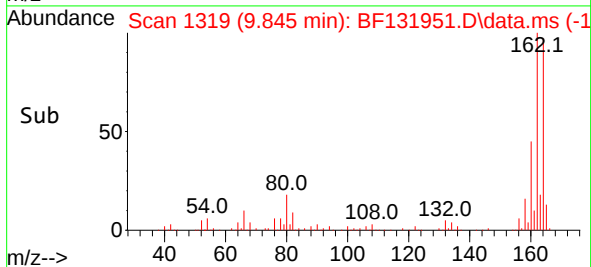
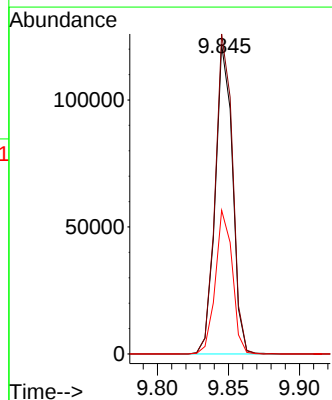
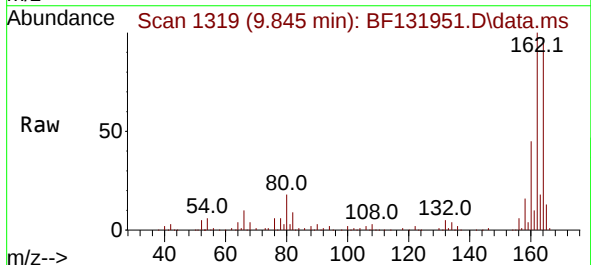
Instrument :
BNA_F
ClientSampleId :

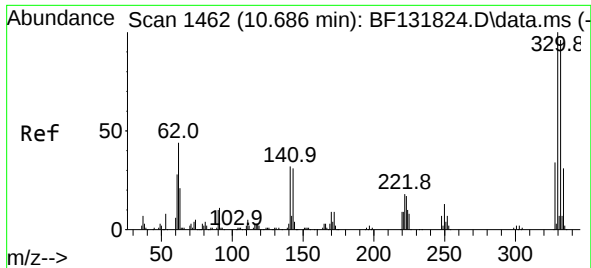
Tgt Ion: 82 Resp: 478193
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF131951.D
Acq: 06 Jan 2023 20:40

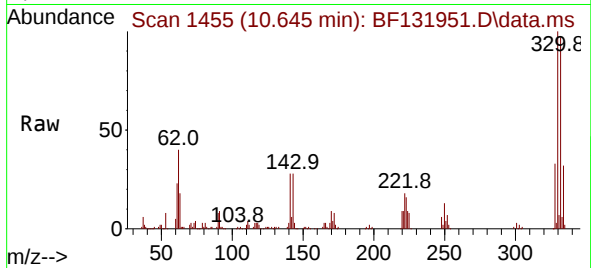
Tgt Ion:164 Resp: 102297
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 46.4 35.7 53.5



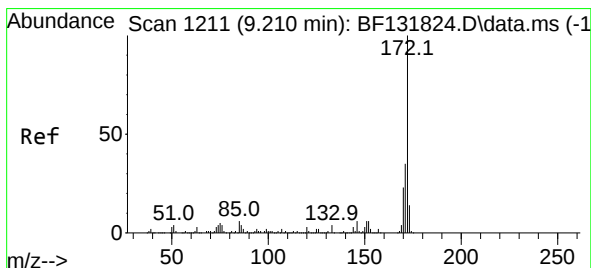
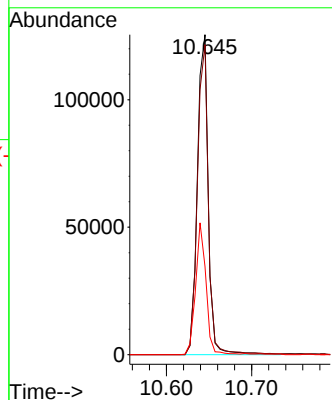
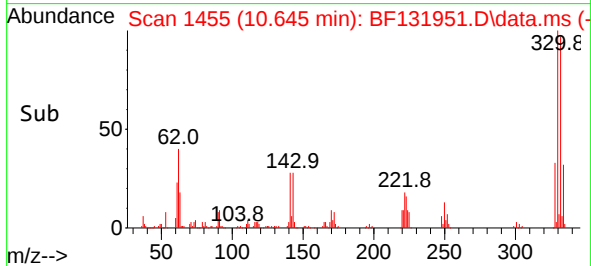


#42
2,4,6-Tribromophenol
Concen: 100.779 ng
RT: 10.645 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131951.D
Acq: 06 Jan 2023 20:40

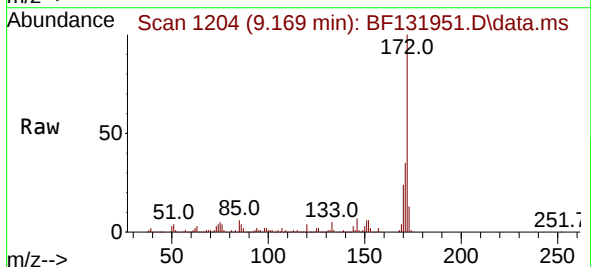
Instrument :
BNA_F
ClientSampleId :



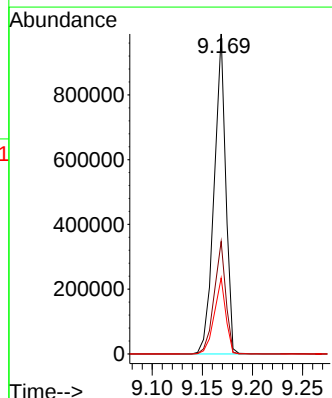
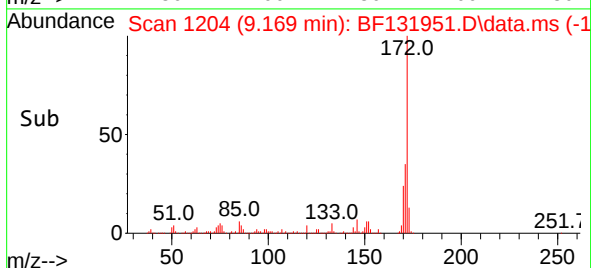
Tgt Ion:330 Resp: 112012
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.4
141 39.1 31.0 46.4

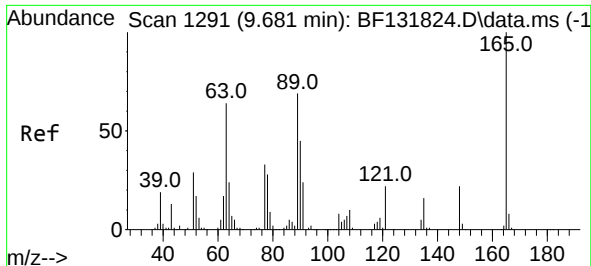


#45
2-Fluorobiphenyl
Concen: 106.846 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF131951.D
Acq: 06 Jan 2023 20:40



Tgt Ion:172 Resp: 797970
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.8 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.076 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.200 min

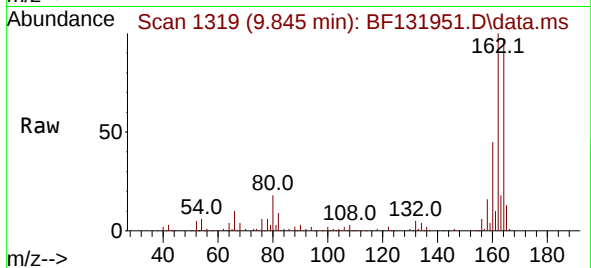
Lab File: BF131951.D

Acq: 06 Jan 2023 20:40

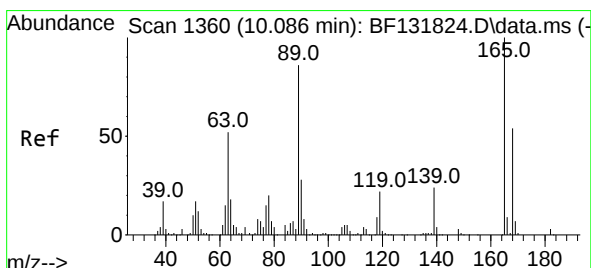
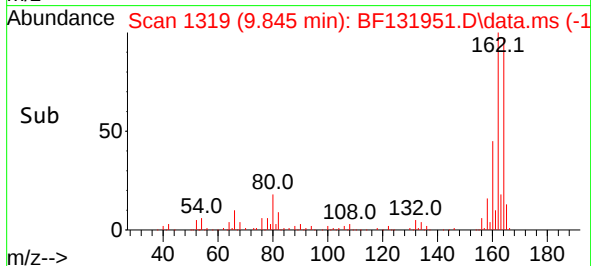
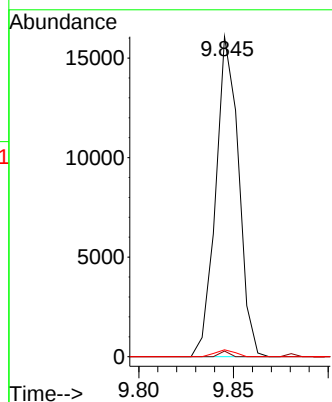
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	165	Resp:	13530
Ion Ratio	Lower	Upper	
165	100		
63	1.7	55.1	82.7#
89	2.2	55.0	82.4#



#57

2,4-Dinitrotoluene

Concen: 5.905 ng

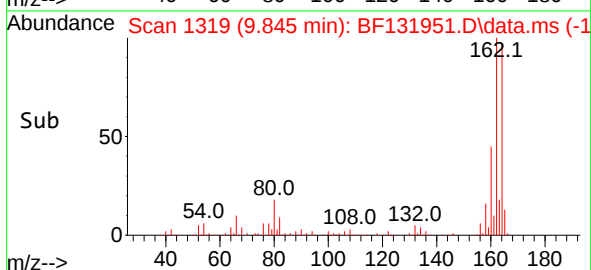
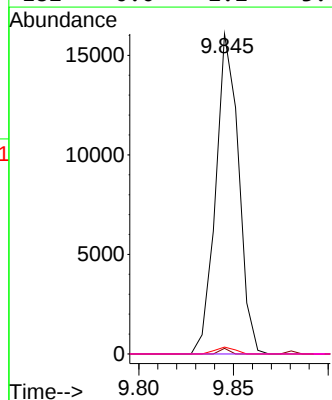
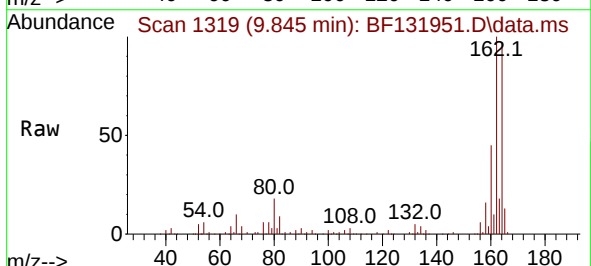
RT: 9.845 min Scan# 1319

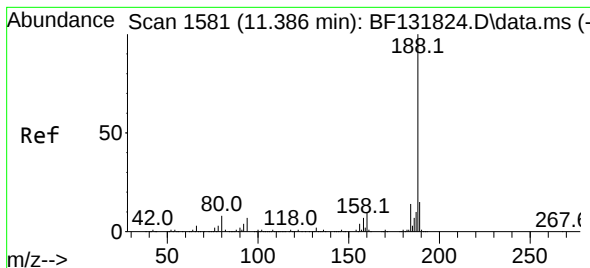
Delta R.T. -0.206 min

Lab File: BF131951.D

Acq: 06 Jan 2023 20:40

Tgt Ion:	165	Resp:	13530
Ion Ratio	Lower	Upper	
165	100		
63	1.7	42.1	63.1#
89	2.2	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: BF131951.D

Acq: 06 Jan 2023 20:40

Instrument :

BNA_F

ClientSampleId :

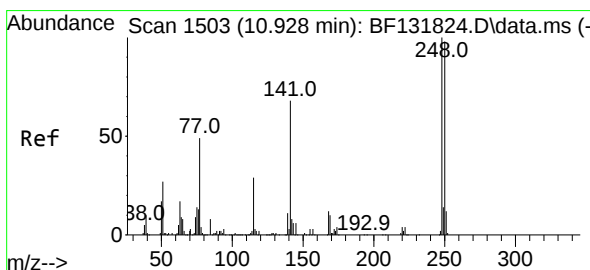
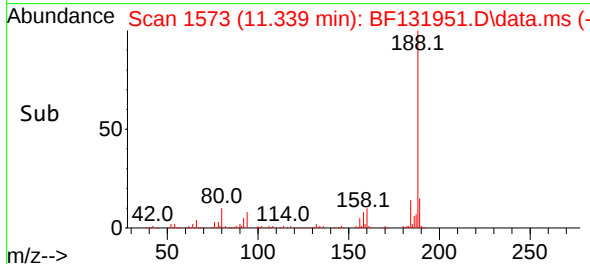
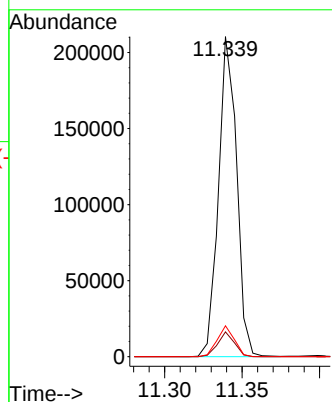
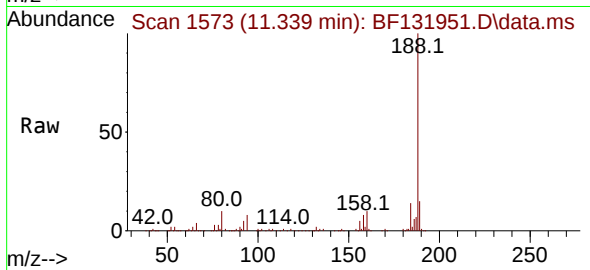
Tgt Ion:188 Resp: 171483

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.6

80 9.7 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 3.950 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF131951.D

Acq: 06 Jan 2023 20:40

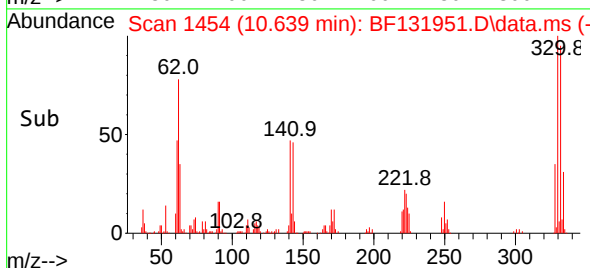
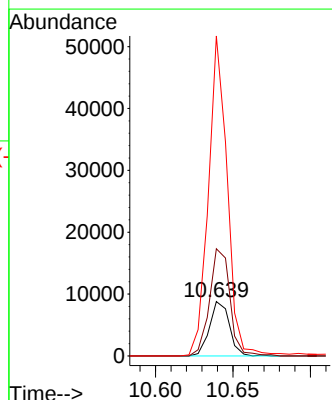
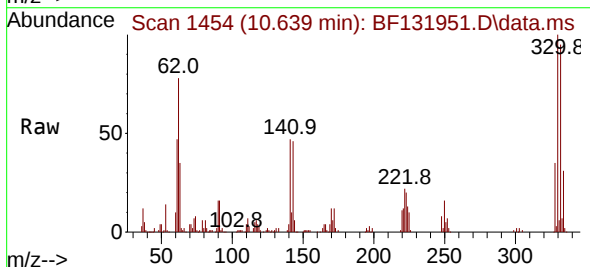
Tgt Ion:248 Resp: 7851

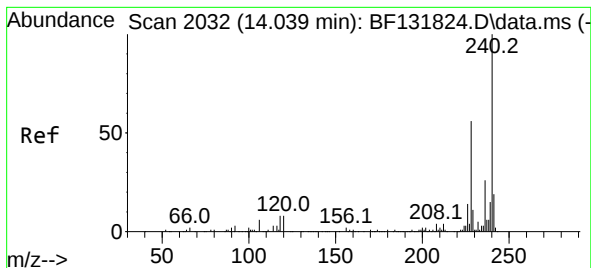
Ion Ratio Lower Upper

248 100

250 196.8 78.0 117.0#

141 587.4 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: BF131951.D

Acq: 06 Jan 2023 20:40

Instrument :

BNA_F

ClientSampleId :

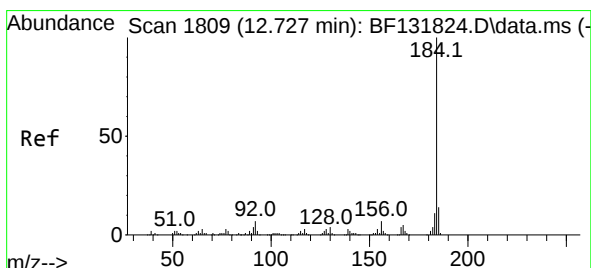
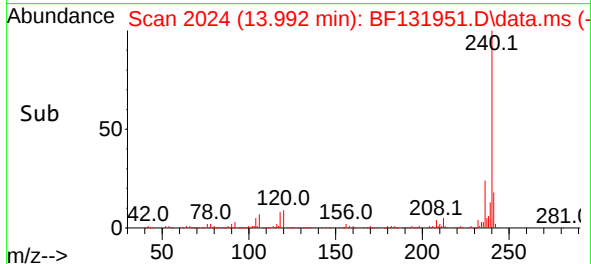
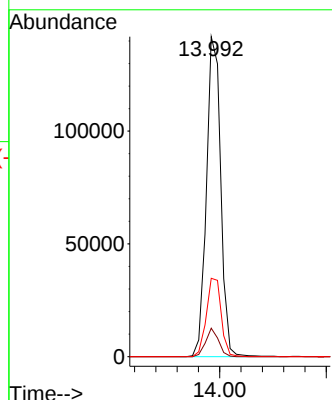
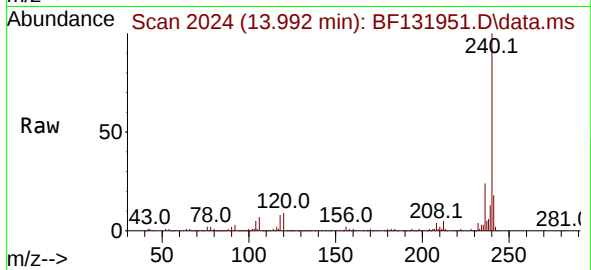
Tgt Ion:240 Resp: 132453

Ion Ratio Lower Upper

240 100

120 8.9 6.7 10.1

236 24.5 20.6 31.0



#77

Benzidine

Concen: 5.594 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.253 min

Lab File: BF131951.D

Acq: 06 Jan 2023 20:40

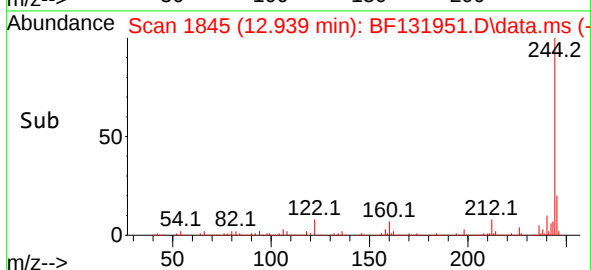
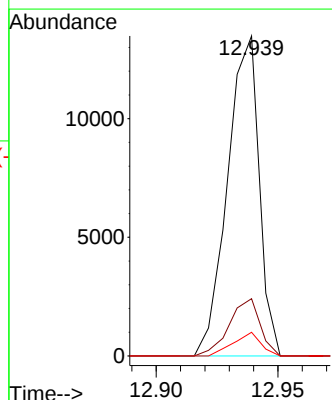
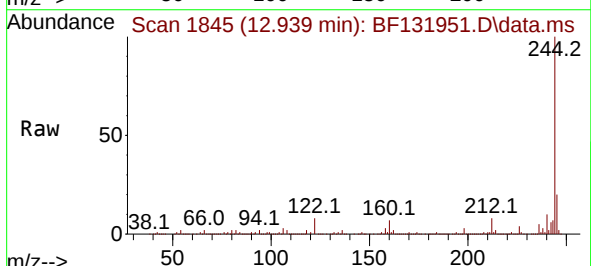
Tgt Ion:184 Resp: 12176

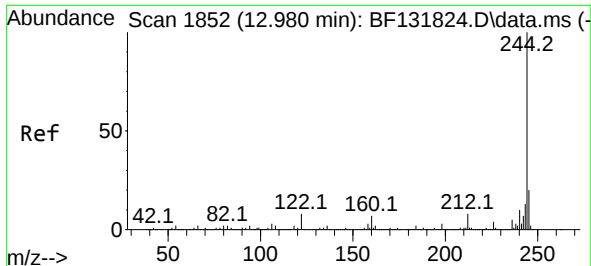
Ion Ratio Lower Upper

184 100

185 17.9 11.6 17.4#

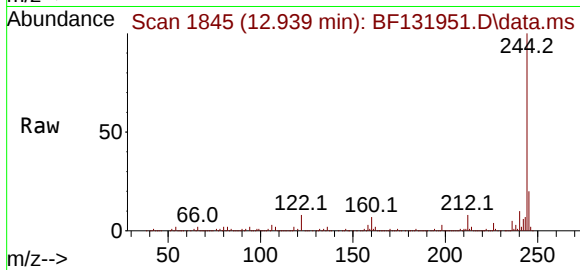
183 7.4 9.0 13.4#



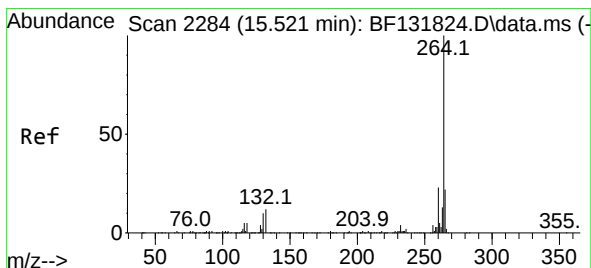
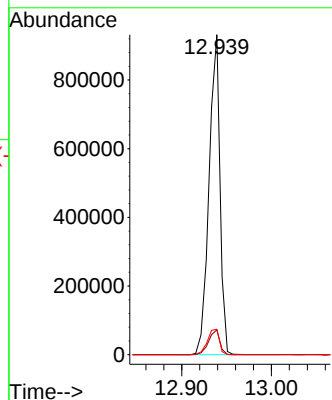
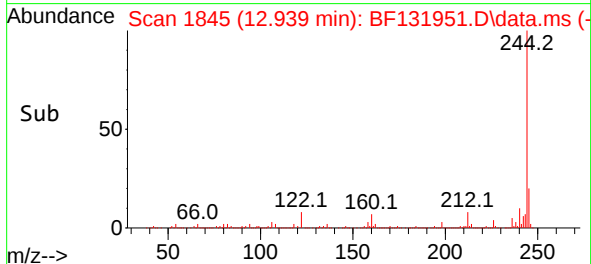


#79
 Terphenyl-d14
 Concen: 100.635 ng
 RT: 12.939 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131951.D
 Acq: 06 Jan 2023 20:40

Instrument :
 BNA_F
 ClientSampleId :

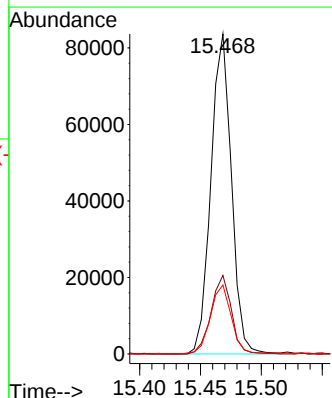
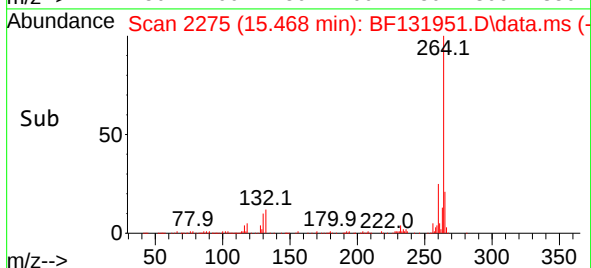
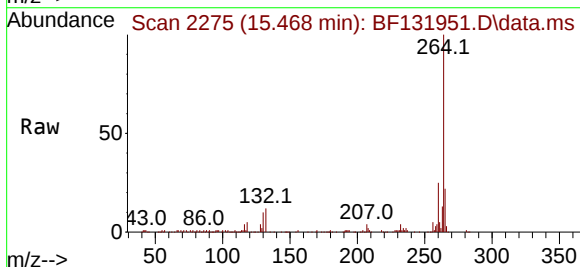


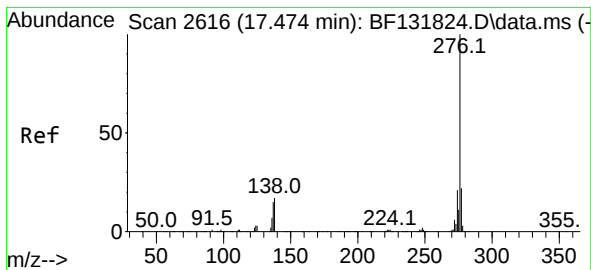
Tgt Ion:244 Resp: 788015
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 8.0 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF131951.D
 Acq: 06 Jan 2023 20:40

Tgt Ion:264 Resp: 97783
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 21.5 17.4 26.0





#92

Benzo(g,h,i)perylene

Concen: 5.318 ng

RT: 17.386 min Scan# 20

Delta R.T. -0.012 min

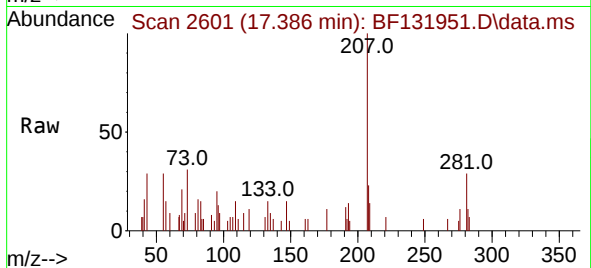
Lab File: BF131951.D

Acq: 06 Jan 2023 20:40

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 474

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 13.7 20.5#

