

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131869.D
 Acq On : 28 Dec 2022 19:37
 Operator : CG\JU
 Sample : N6219-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12016

Quant Time: Dec 29 00:59:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

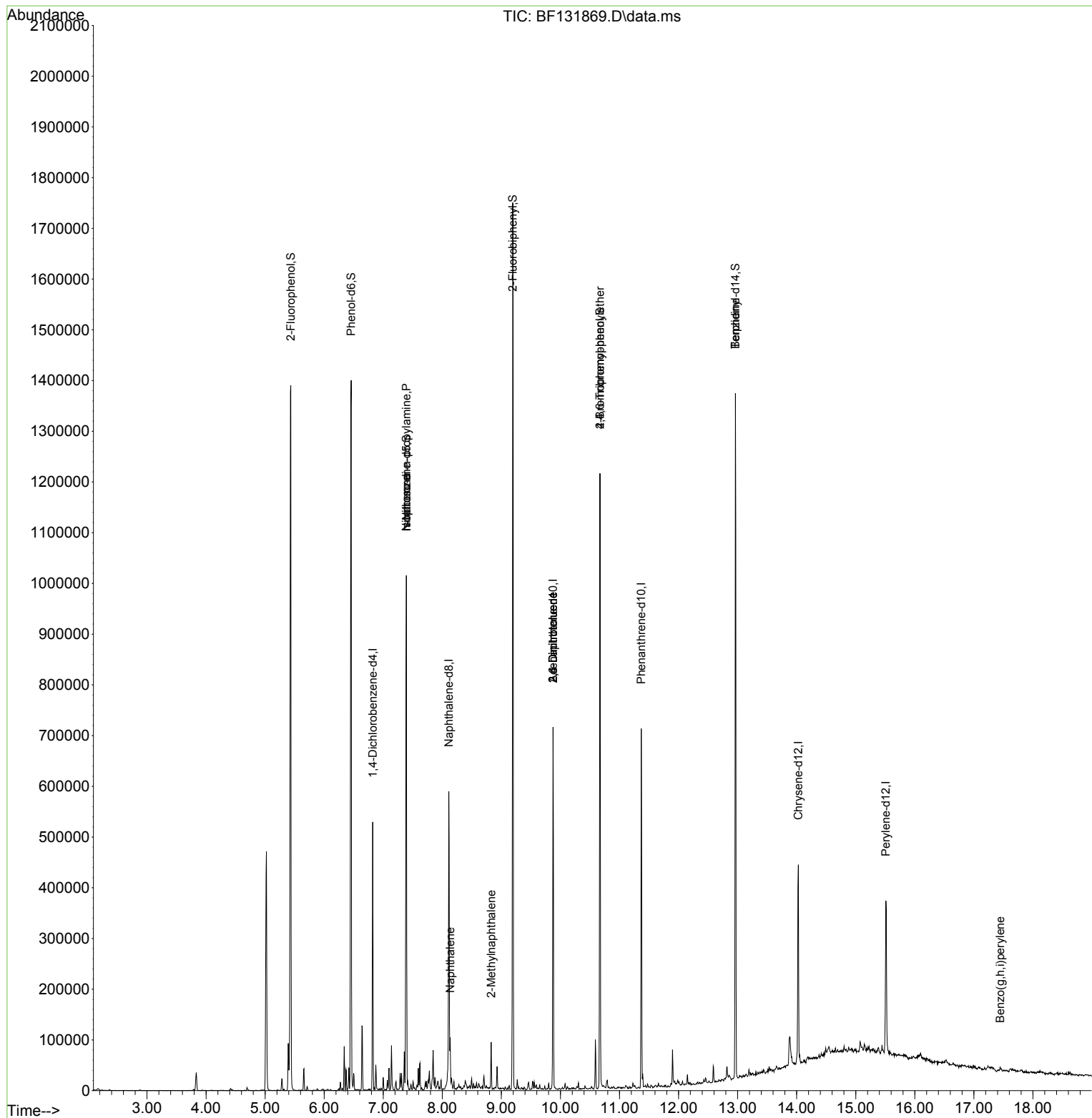
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	65048	20.000	ng	-0.01
21) Naphthalene-d8	8.110	136	233440	20.000	ng	-0.02
39) Acenaphthene-d10	9.875	164	130339	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	239363	20.000	ng	-0.02
76) Chrysene-d12	14.027	240	127443	20.000	ng	-0.01
86) Perylene-d12	15.510	264	141991	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	358478	91.329	ng	0.00
7) Phenol-d6	6.457	99	472122	91.552	ng	-0.01
23) Nitrobenzene-d5	7.392	82	324772	55.546	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	118132	83.418	ng	-0.02
45) 2-Fluorobiphenyl	9.192	172	519662	54.611	ng	-0.02
79) Terphenyl-d14	12.963	244	447780	59.433	ng	-0.02
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.392	70	44887	12.325	ng	# 81
25) Isophorone	7.392	82	324768	34.013	ng	# 69
31) Naphthalene	8.134	128	26487	2.072	ng	# 94
37) 2-Methylnaphthalene	8.828	142	19786	2.306	ng	100
51) 2,6-Dinitrotoluene	9.875	165	17158	8.038	ng	# 18
57) 2,4-Dinitrotoluene	9.875	165	17158	5.878	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	8141	2.935	ng	# 1
77) Benzidine	12.963	184	7302	3.487	ng	# 94
92) Benzo(g,h,i)perylene	17.445	276	3409	5.595	ng	# 80

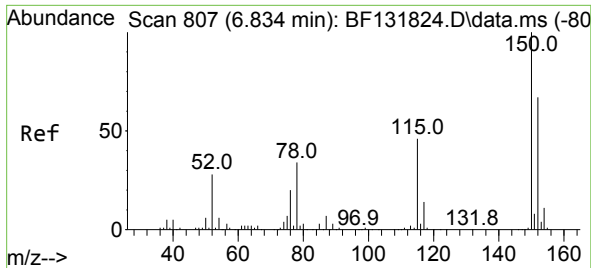
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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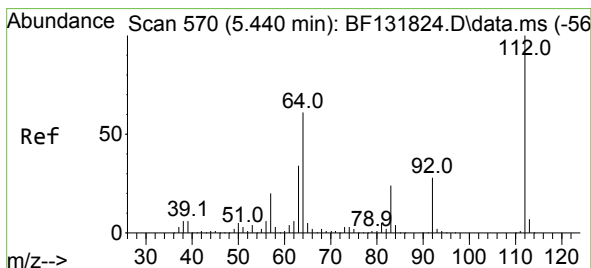
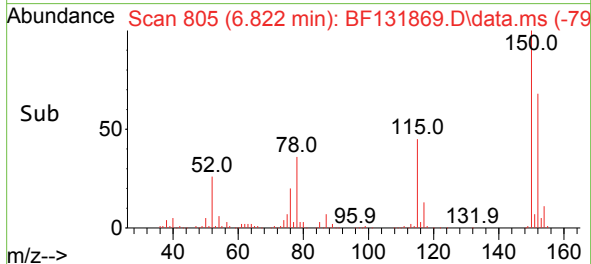
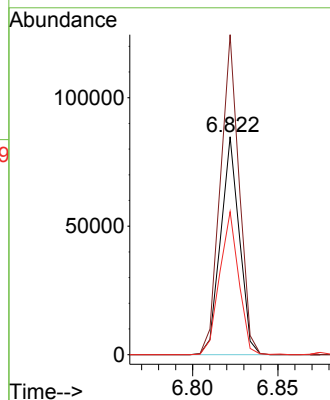
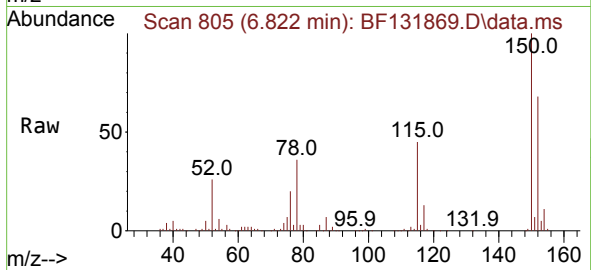




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF131869.D
Acq: 28 Dec 2022 19:37

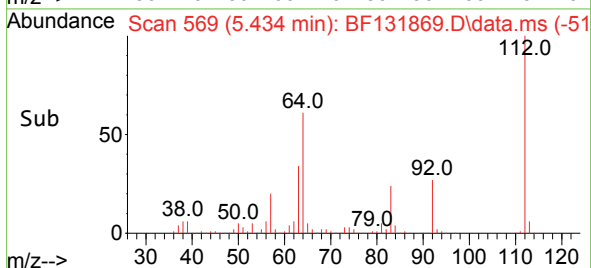
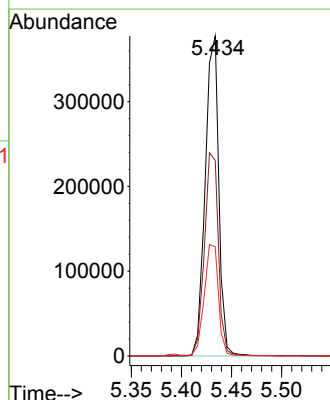
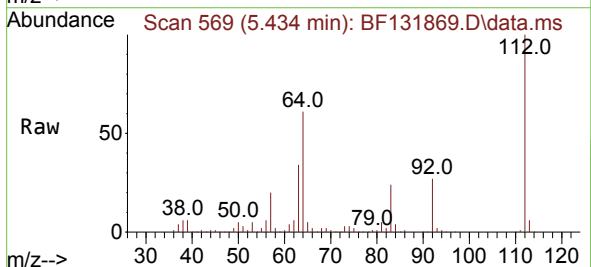
Instrument :
BNA_F
ClientSampleId :
72-12016

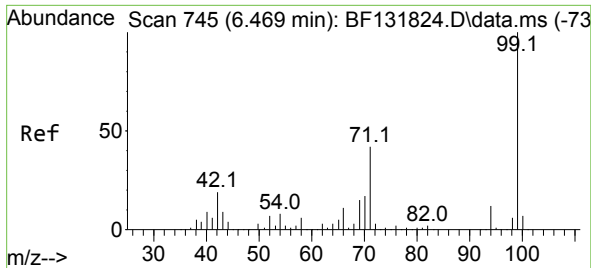
Tgt Ion:152 Resp: 65048
Ion Ratio Lower Upper
152 100
150 146.8 120.0 180.0
115 65.6 55.1 82.7



#5
2-Fluorophenol
Concen: 91.329 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF131869.D
Acq: 28 Dec 2022 19:37

Tgt Ion:112 Resp: 358478
Ion Ratio Lower Upper
112 100
64 61.1 49.2 73.8
63 34.1 27.5 41.3

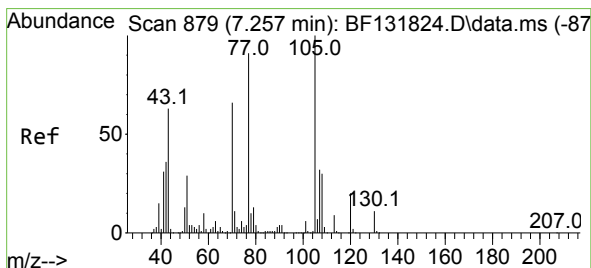
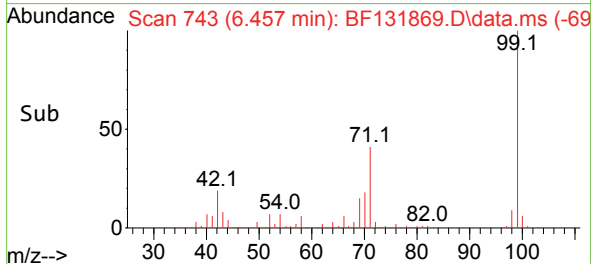
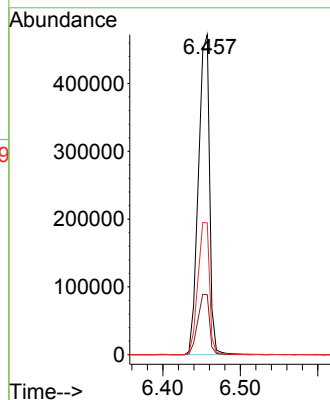
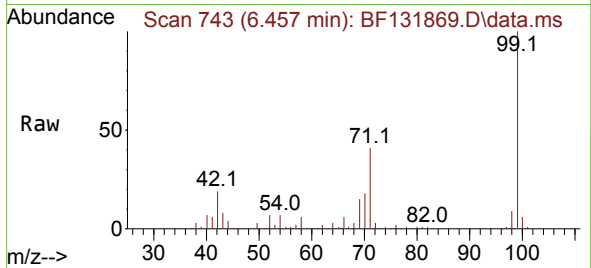




#7
Phenol-d6
Concen: 91.552 ng
RT: 6.457 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF131869.D
Acq: 28 Dec 2022 19:37

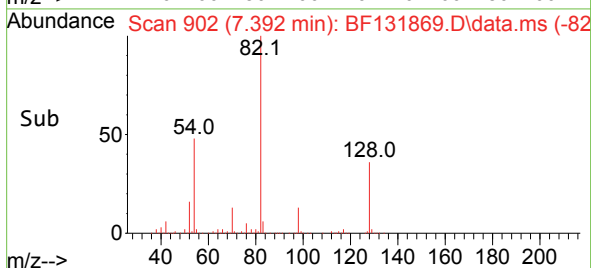
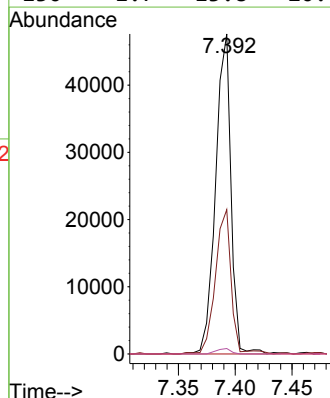
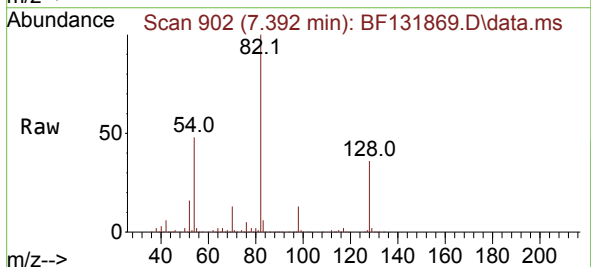
Instrument :
BNA_F
ClientSampleId :
72-12016

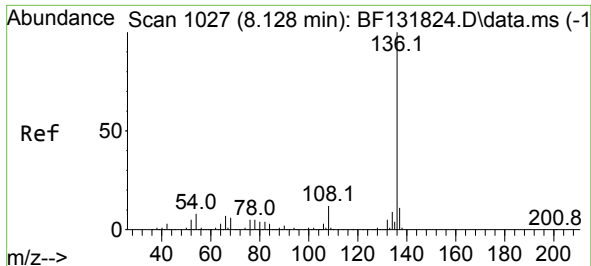
Tgt Ion: 99 Resp: 472122
Ion Ratio Lower Upper
99 100
42 18.8 15.3 22.9
71 41.2 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.325 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF131869.D
Acq: 28 Dec 2022 19:37

Tgt Ion: 70 Resp: 44887
Ion Ratio Lower Upper
70 100
42 45.1 43.8 65.6
101 0.0 7.4 11.0#
130 1.7 13.8 20.6#



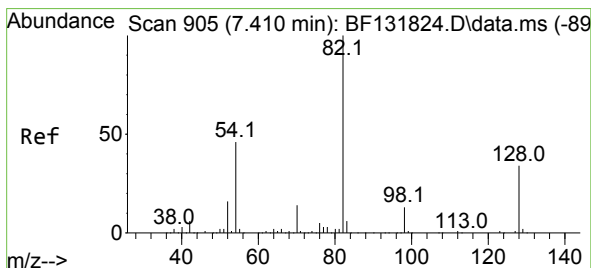
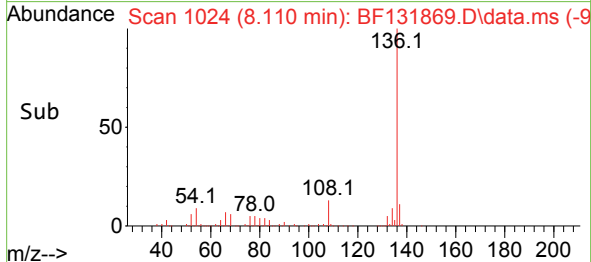
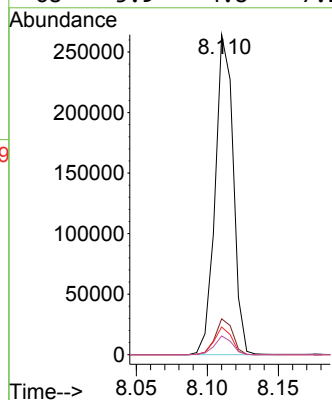
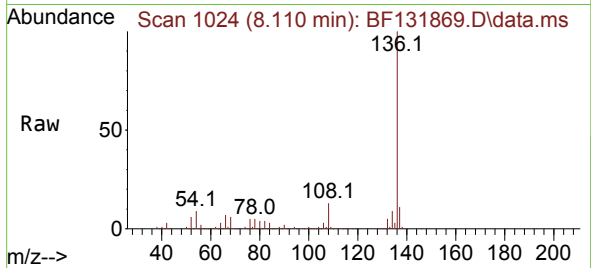


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.018 min
Lab File: BF131869.D
Acq: 28 Dec 2022 19:37

Instrument :
BNA_F
ClientSampleId :
72-12016

Tgt Ion:136 Resp: 233440

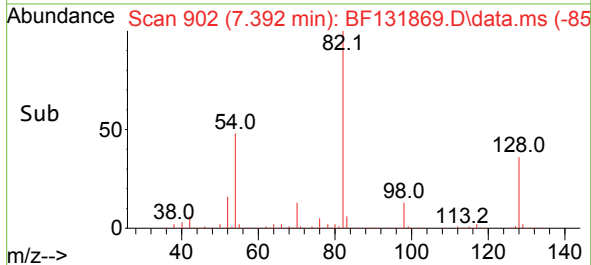
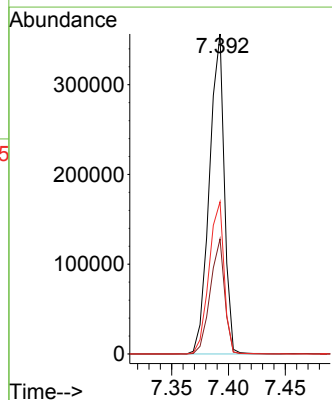
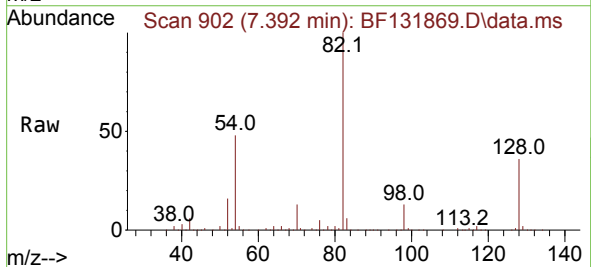
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	8.7	6.7	10.1
68	5.9	4.8	7.2

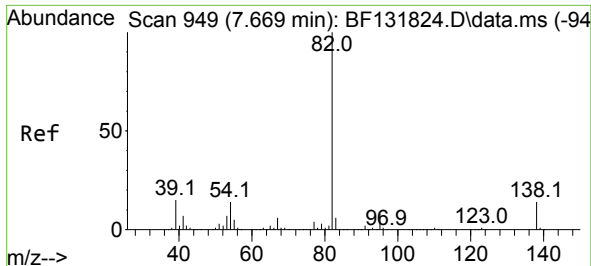


#23
Nitrobenzene-d5
Concen: 55.546 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF131869.D
Acq: 28 Dec 2022 19:37

Tgt Ion: 82 Resp: 324772

Ion	Ratio	Lower	Upper
82	100		
128	36.0	27.1	40.7
54	47.5	37.0	55.6

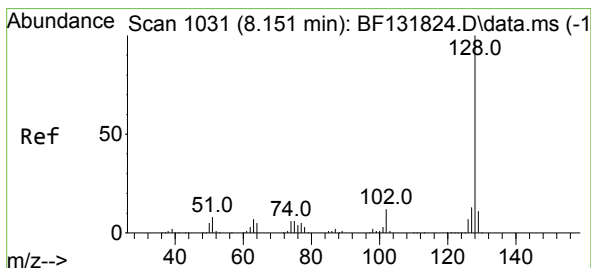
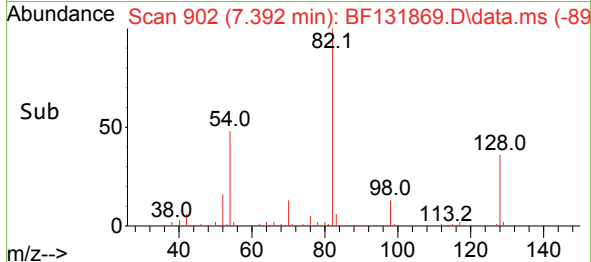
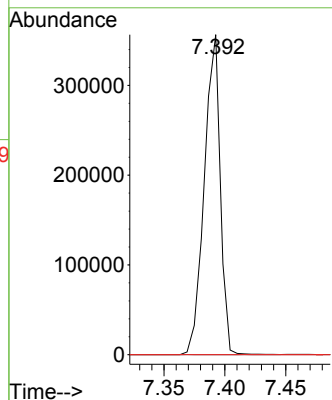
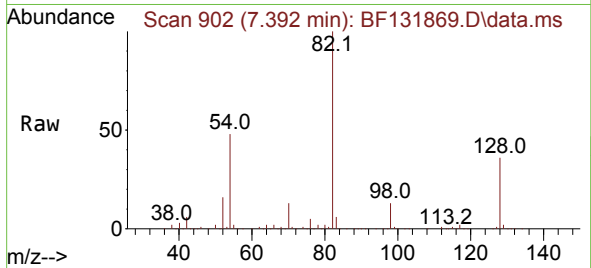




#25
Isophorone
Concen: 34.013 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF131869.D
Acq: 28 Dec 2022 19:37

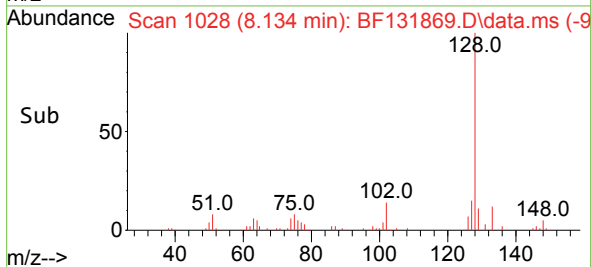
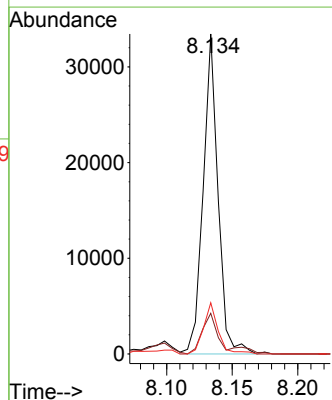
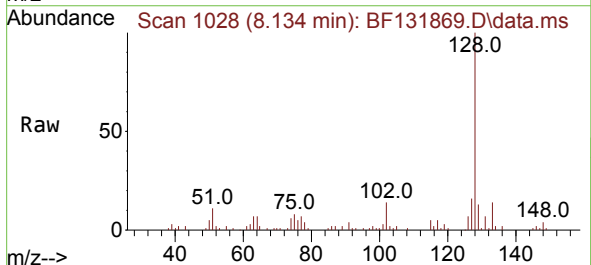
Instrument :
BNA_F
ClientSampleId :
72-12016

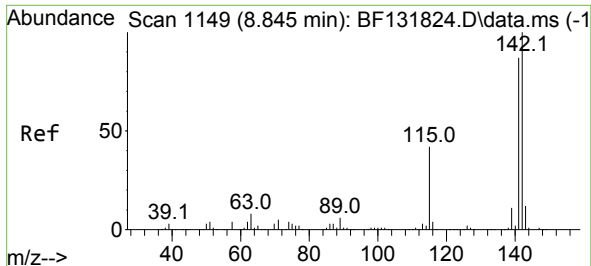
Tgt Ion: 82 Resp: 324768
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#31
Naphthalene
Concen: 2.072 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF131869.D
Acq: 28 Dec 2022 19:37

Tgt Ion: 128 Resp: 26487
Ion Ratio Lower Upper
128 100
129 12.7 8.6 13.0
127 16.0 10.6 15.8#

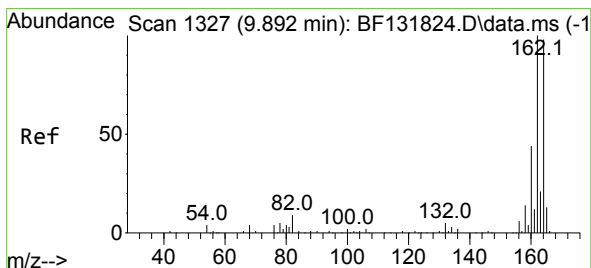
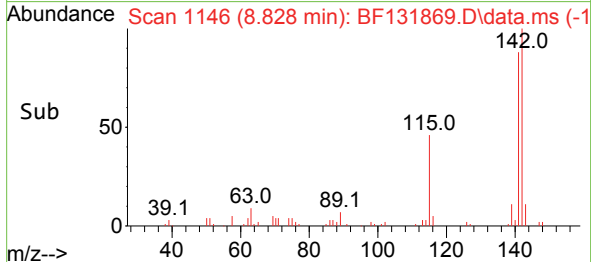
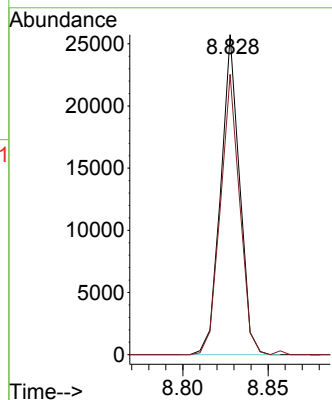
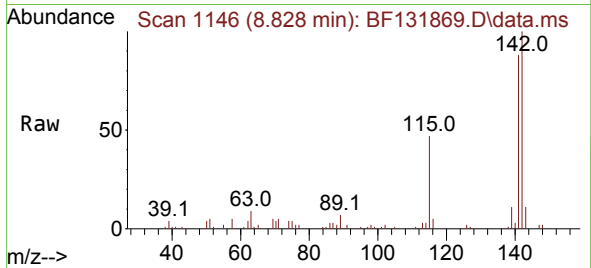




#37
2-Methylnaphthalene
Concen: 2.306 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.018 min
Lab File: BF131869.D
Acq: 28 Dec 2022 19:37

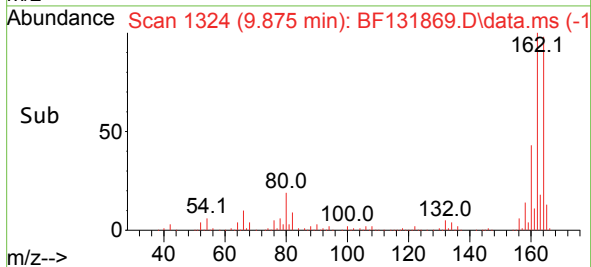
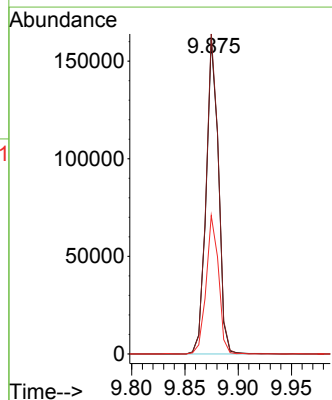
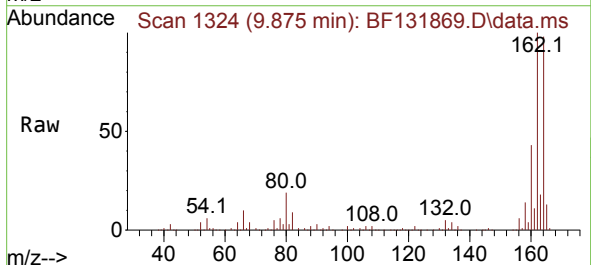
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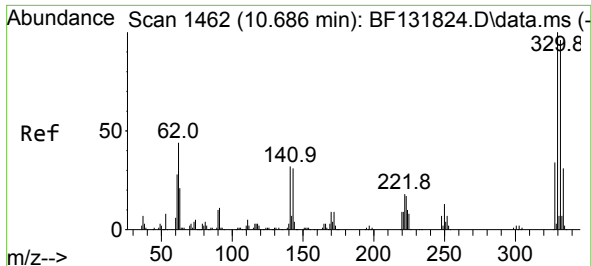
Tgt Ion:142 Resp: 19786
Ion Ratio Lower Upper
142 100
141 87.6 69.8 104.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.018 min
Lab File: BF131869.D
Acq: 28 Dec 2022 19:37

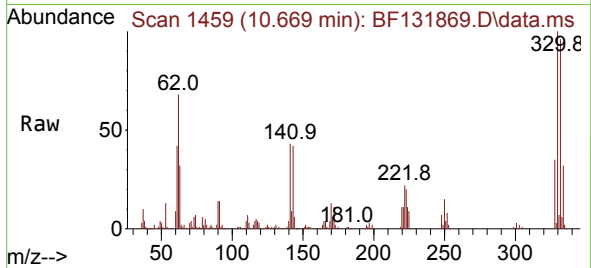
Tgt Ion:164 Resp: 130339
Ion Ratio Lower Upper
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162 101.8 81.8 122.6
160 44.0 35.7 53.5



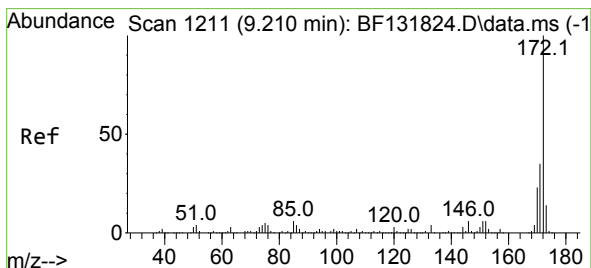
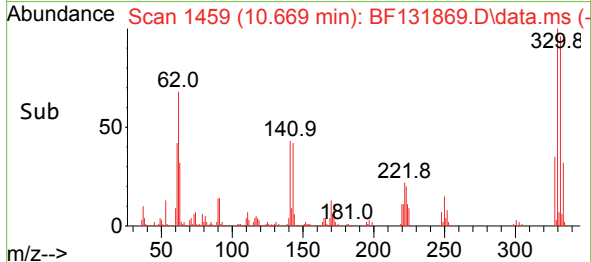
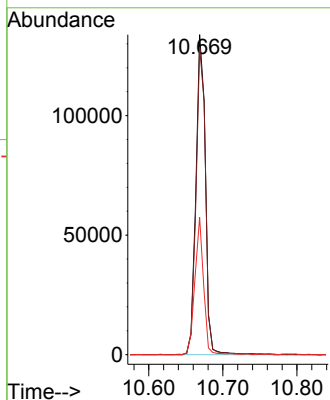


#42
2,4,6-Tribromophenol
Concen: 83.418 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.018 min
Lab File: BF131869.D
Acq: 28 Dec 2022 19:37

Instrument :
BNA_F
ClientSampleId :
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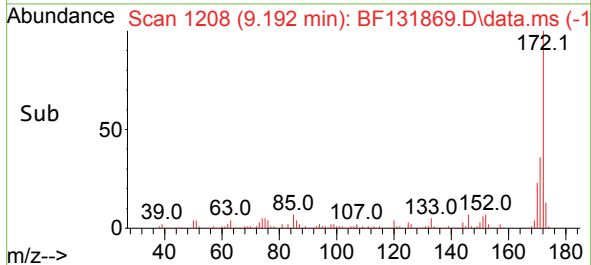
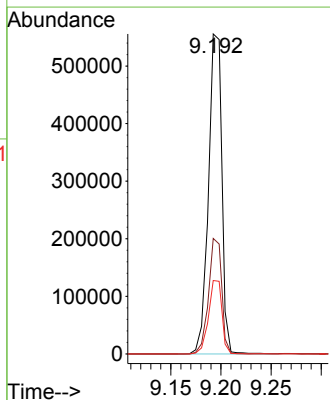
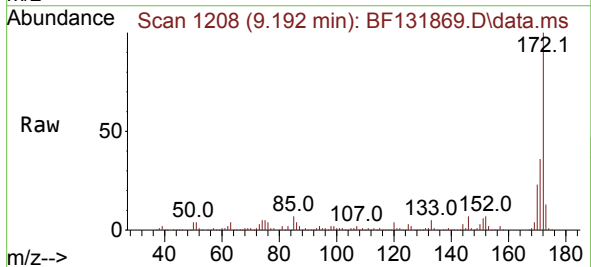


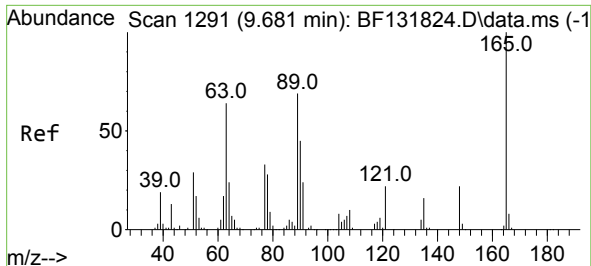
Tgt Ion:330 Resp: 118132
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 39.8 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 54.611 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.018 min
Lab File: BF131869.D
Acq: 28 Dec 2022 19:37

Tgt Ion:172 Resp: 519662
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.0 18.7 28.1

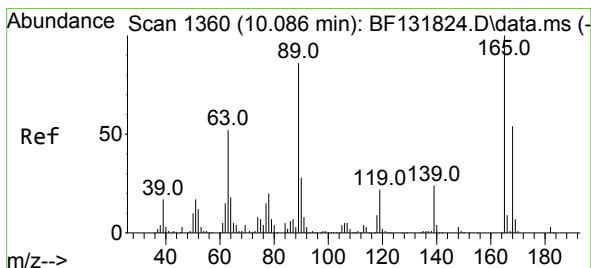
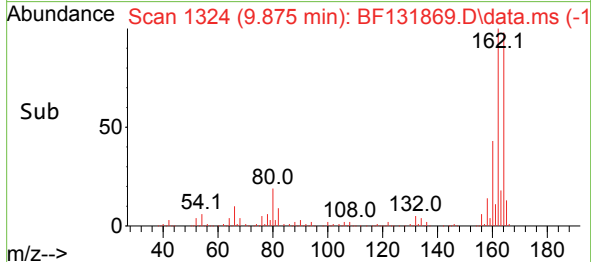
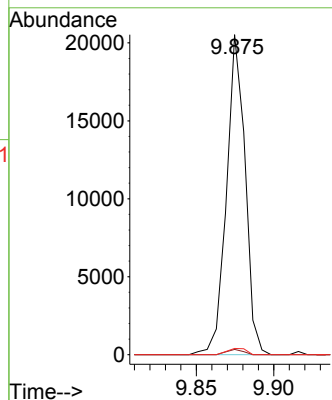
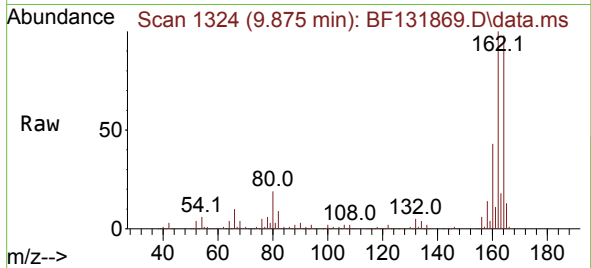




#51
2,6-Dinitrotoluene
Concen: 8.038 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF131869.D
Acq: 28 Dec 2022 19:37

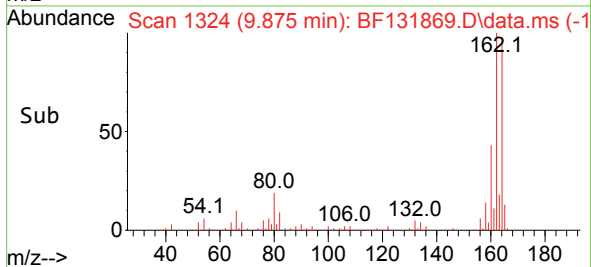
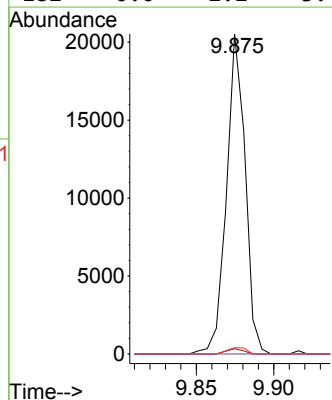
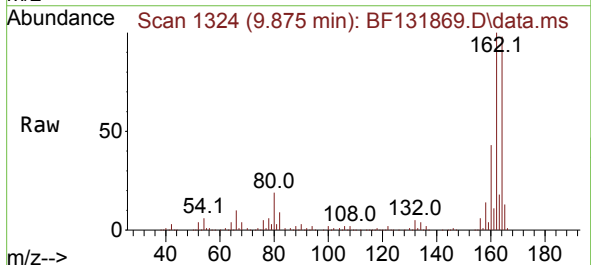
Instrument :
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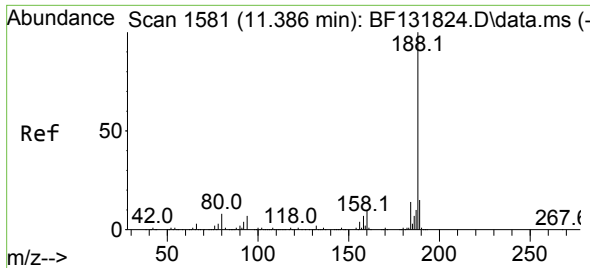
Tgt Ion:165 Resp: 17158
Ion Ratio Lower Upper
165 100
63 1.6 55.1 82.7#
89 1.9 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.878 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.212 min
Lab File: BF131869.D
Acq: 28 Dec 2022 19:37

Tgt Ion:165 Resp: 17158
Ion Ratio Lower Upper
165 100
63 1.6 42.1 63.1#
89 1.9 69.1 103.7#
182 0.0 2.2 3.4#

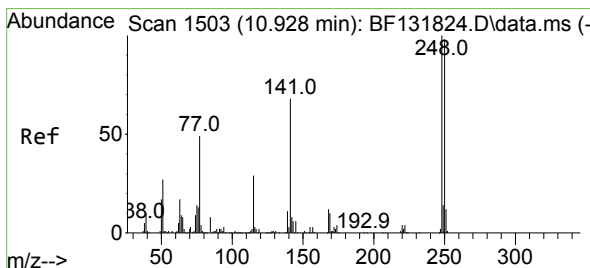
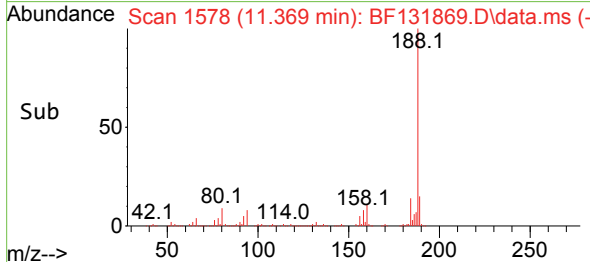
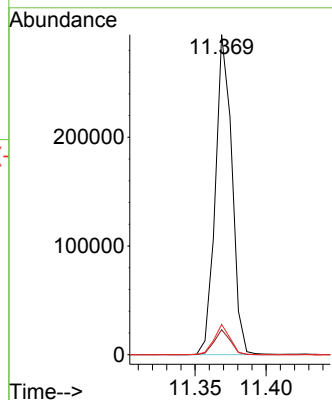
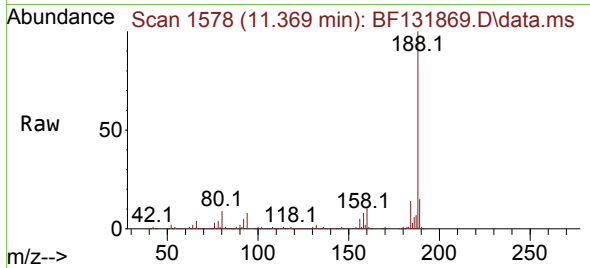




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF131869.D
Acq: 28 Dec 2022 19:37

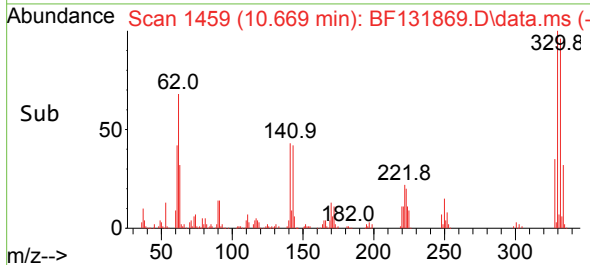
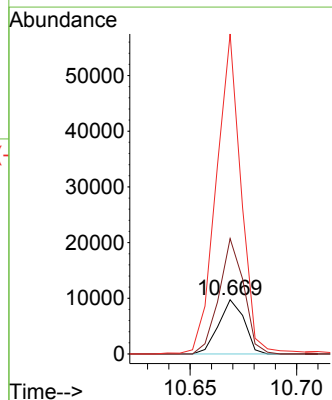
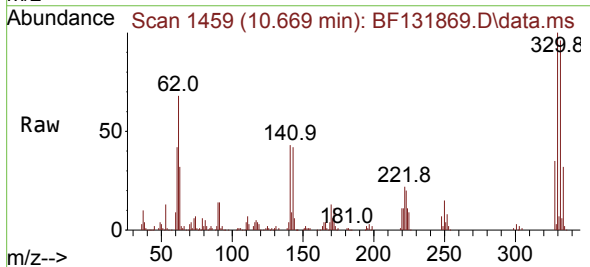
Instrument :
BNA_F
ClientSampleId :
72-12016

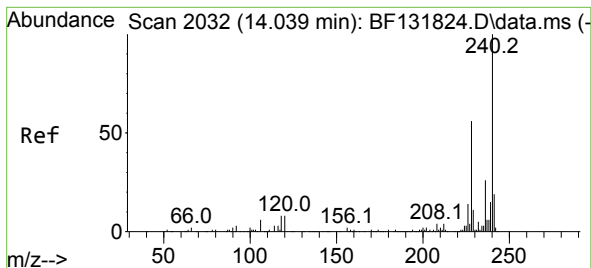
Tgt Ion:188 Resp: 239363
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.6
80 9.5 6.7 10.1



#67
4-Bromophenyl-phenylether
Concen: 2.935 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.259 min
Lab File: BF131869.D
Acq: 28 Dec 2022 19:37

Tgt Ion:248 Resp: 8141
Ion Ratio Lower Upper
248 100
250 212.6 78.0 117.0#
141 589.5 54.8 82.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF131869.D

Acq: 28 Dec 2022 19:37

Instrument :

BNA_F

ClientSampleId :

72-12016

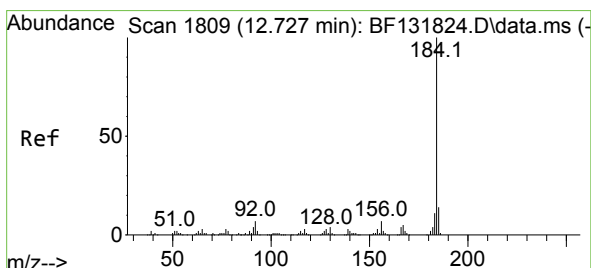
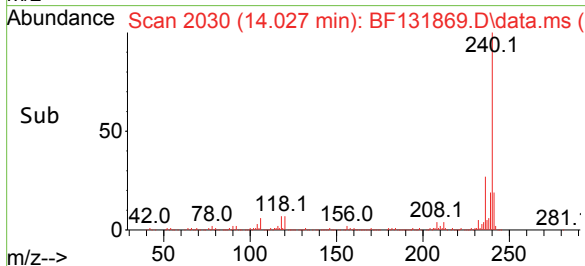
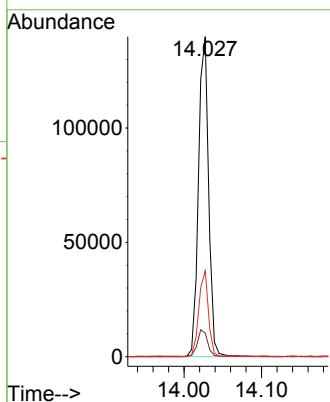
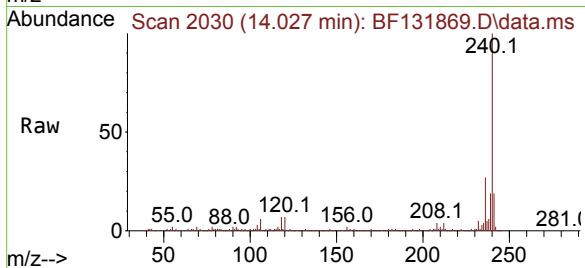
Tgt Ion:240 Resp: 127443

Ion Ratio Lower Upper

240 100

120 7.4 6.7 10.1

236 26.9 20.6 31.0



#77

Benzidine

Concen: 3.487 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.235 min

Lab File: BF131869.D

Acq: 28 Dec 2022 19:37

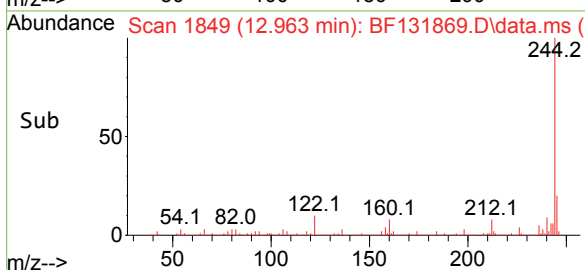
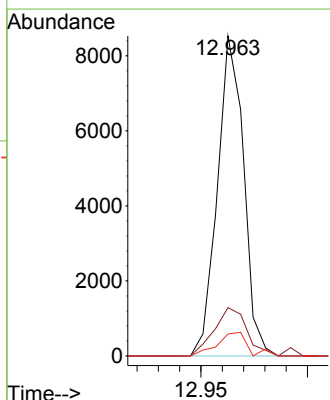
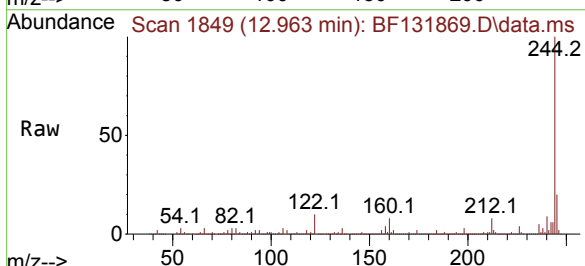
Tgt Ion:184 Resp: 7302

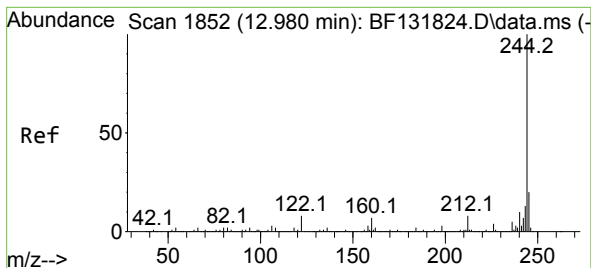
Ion Ratio Lower Upper

184 100

185 15.1 11.6 17.4

183 6.9 9.0 13.4#





#79

Terphenyl-d14

Concen: 59.433 ng

RT: 12.963 min Scan# 1849

Delta R.T. -0.018 min

Lab File: BF131869.D

Acq: 28 Dec 2022 19:37

Instrument :

BNA_F

ClientSampleId :

72-12016

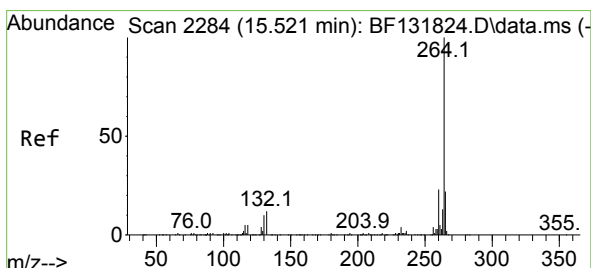
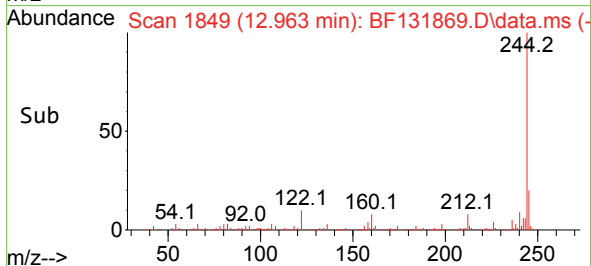
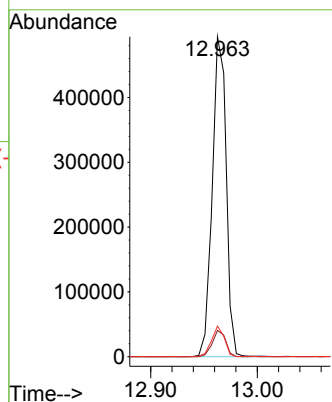
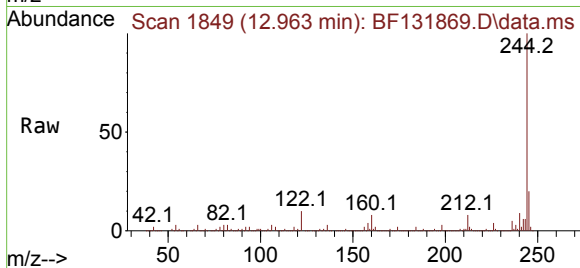
Tgt Ion:244 Resp: 447780

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

122 9.6 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2282

Delta R.T. -0.012 min

Lab File: BF131869.D

Acq: 28 Dec 2022 19:37

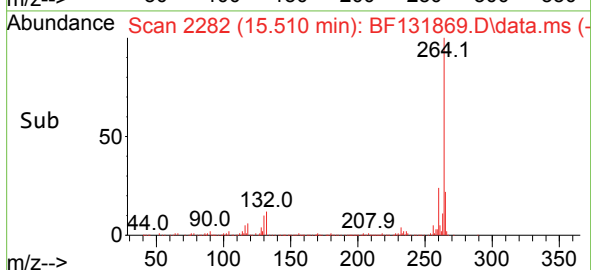
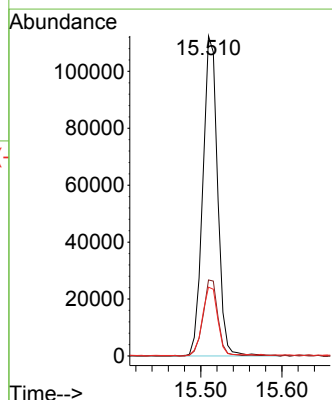
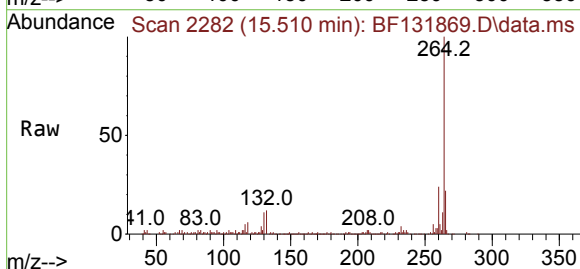
Tgt Ion:264 Resp: 141991

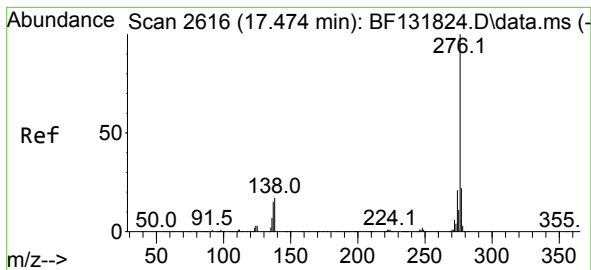
Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.5 17.4 26.0





#92

Benzo(g,h,i)perylene

Concen: 5.595 ng

RT: 17.445 min Scan# 20

Delta R.T. -0.029 min

Lab File: BF131869.D

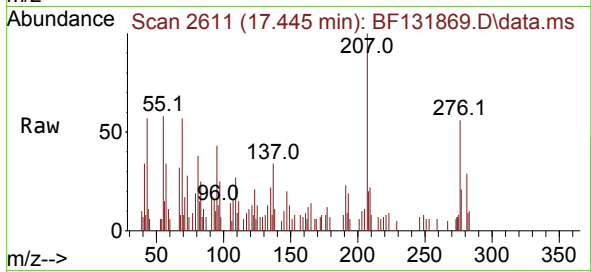
Acq: 28 Dec 2022 19:37

Instrument :

BNA_F

ClientSampleId :

72-12016



Tgt Ion:276 Resp: 3409

Ion Ratio Lower Upper

276 100

277 36.9 17.9 26.9#

138 20.0 13.7 20.5

