

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131852.D
 Acq On : 27 Dec 2022 23:09
 Operator : CG\JU
 Sample : N6205-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-122322

Quant Time: Dec 28 00:43:48 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

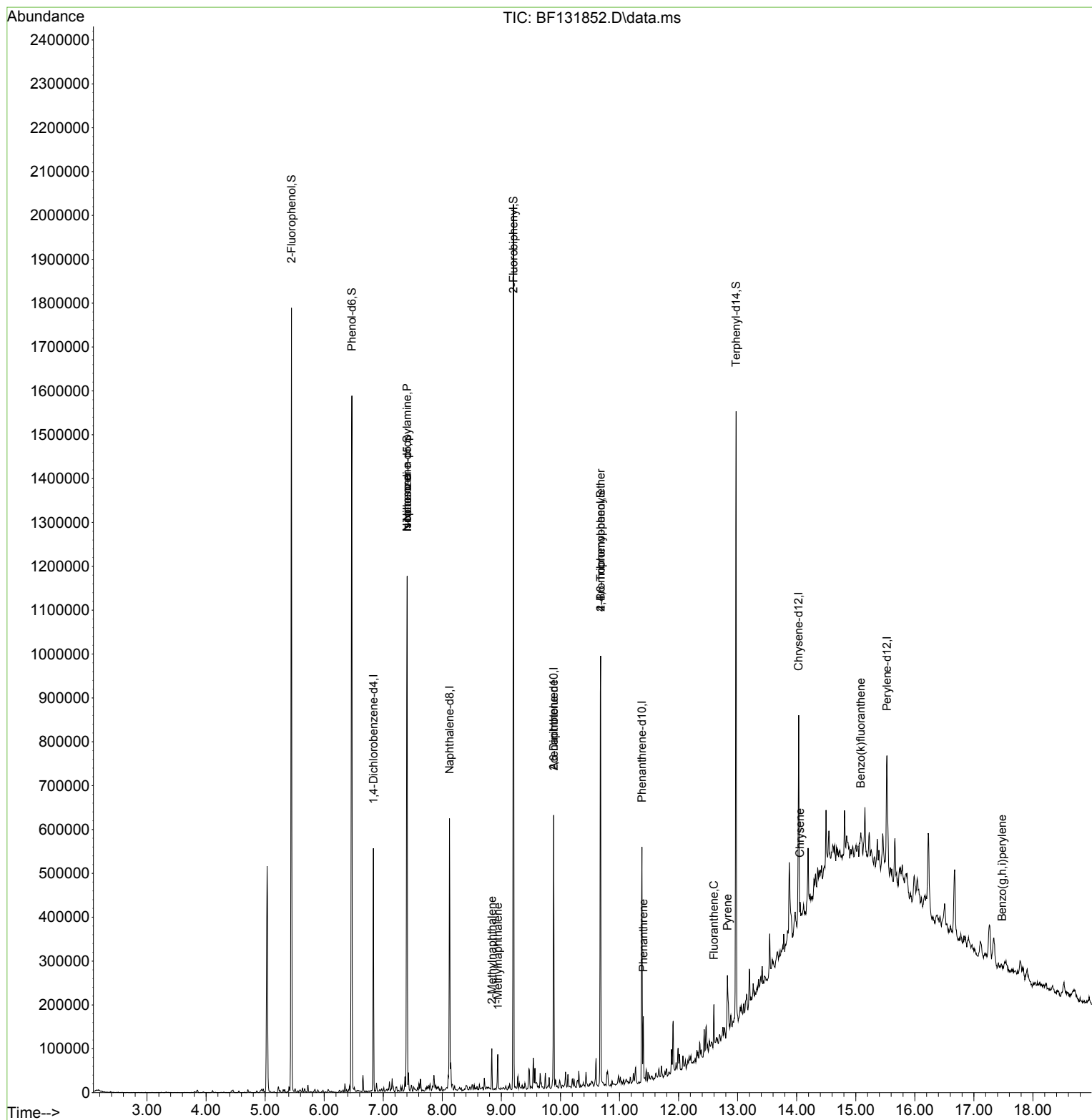
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	67222	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	220596	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	108584	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	179609	20.000	ng	0.00
76) Chrysene-d12	14.033	240	140525	20.000	ng	0.00
86) Perylene-d12	15.527	264	110988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	402352	99.192	ng	0.00
7) Phenol-d6	6.469	99	508543	95.425	ng	0.00
23) Nitrobenzene-d5	7.404	82	357667	64.734	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	101925	86.394	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	513694	64.800	ng	0.00
79) Terphenyl-d14	12.974	244	441439	53.137	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	50396	13.390	ng	# 79
25) Isophorone	7.404	82	356807	39.544	ng	# 69
37) 2-Methylnaphthalene	8.839	142	19796	2.442	ng	98
38) 1-Methylnaphthalene	8.939	142	16427	2.086	ng	89
51) 2,6-Dinitrotoluene	9.886	165	14796	8.320	ng	# 18
67) 4-Bromophenyl-phenylether	10.680	248	7302	3.508	ng	# 1
71) Phenanthrene	11.404	178	46894	4.748	ng	97
75) Fluoranthene	12.598	202	33956	2.952	ng	99
78) Pyrene	12.827	202	44602	3.787	ng	99
83) Chrysene	14.057	228	22931	2.398	ng	# 87
89) Benzo(k)fluoranthene	15.086	252	16195	2.060	ng	# 30
92) Benzo(g,h,i)perylene	17.480	276	6296	6.068	ng	# 73

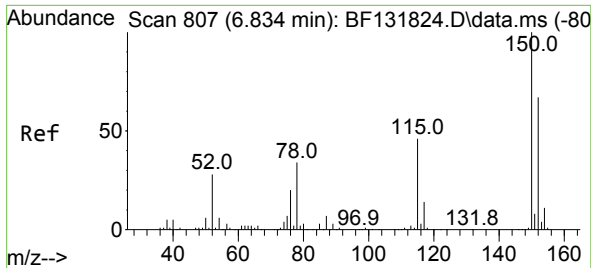
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
Data File : BF131852.D
Acq On : 27 Dec 2022 23:09
Operator : CG\JU
Sample : N6205-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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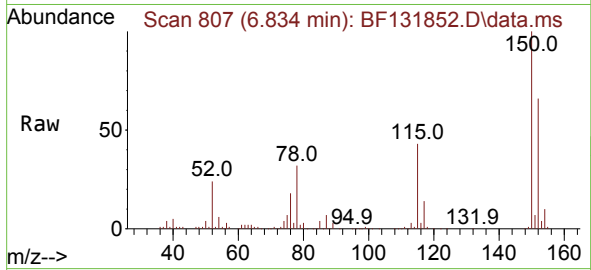
Quant Time: Dec 28 00:43:48 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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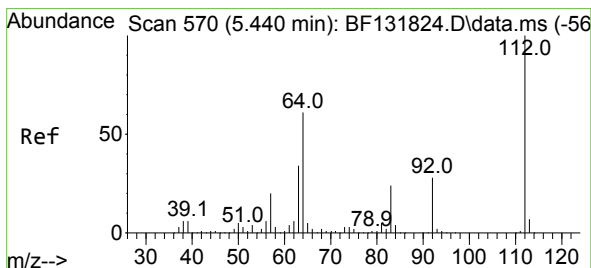
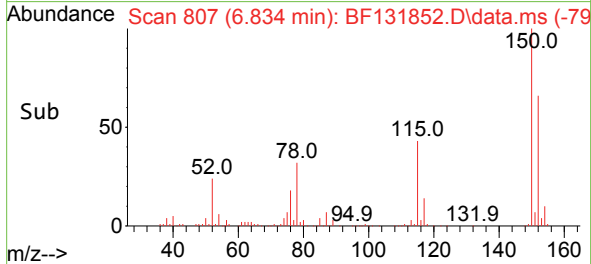
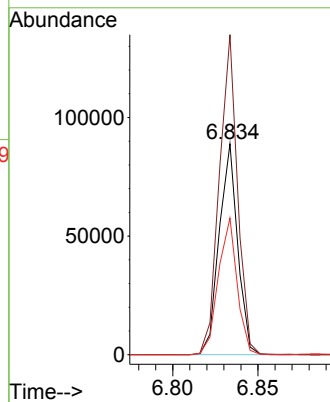


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

Instrument :
BNA_F
ClientSampleId :
CL-02-122322

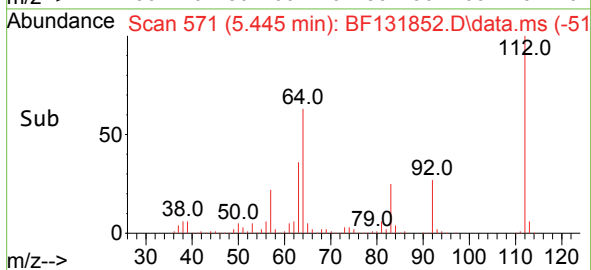
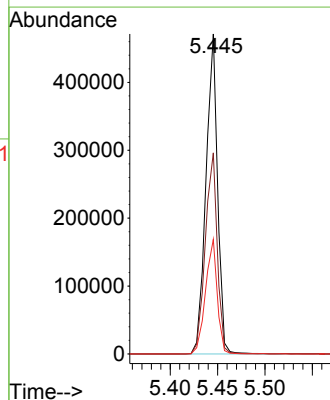
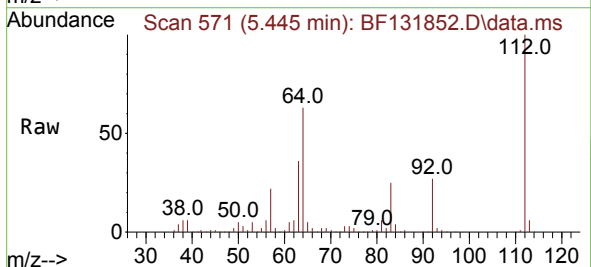


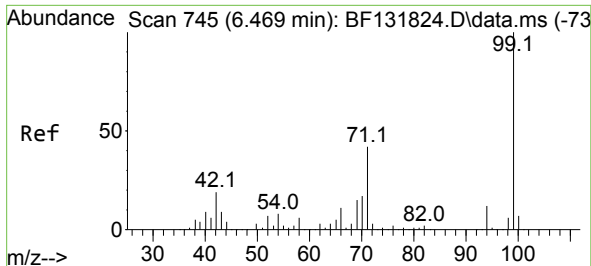
Tgt Ion:152 Resp: 67222
Ion Ratio Lower Upper
152 100
150 151.7 120.0 180.0
115 64.8 55.1 82.7



#5
2-Fluorophenol
Concen: 99.192 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

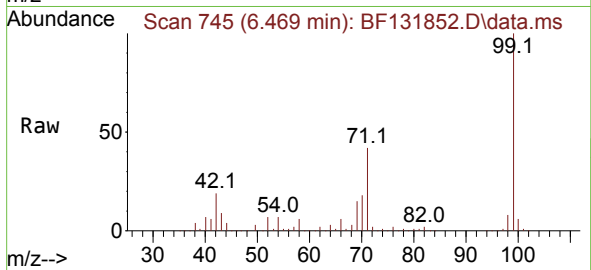
Tgt Ion:112 Resp: 402352
Ion Ratio Lower Upper
112 100
64 62.9 49.2 73.8
63 35.8 27.5 41.3



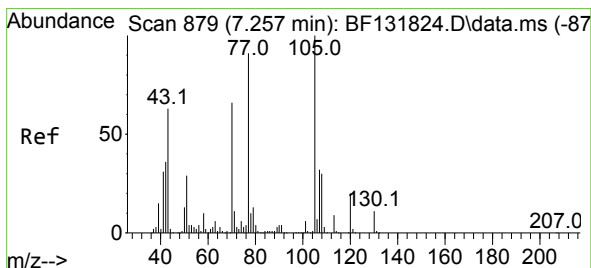
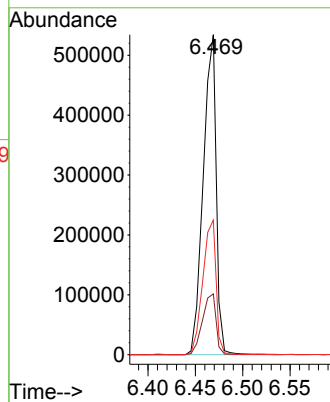
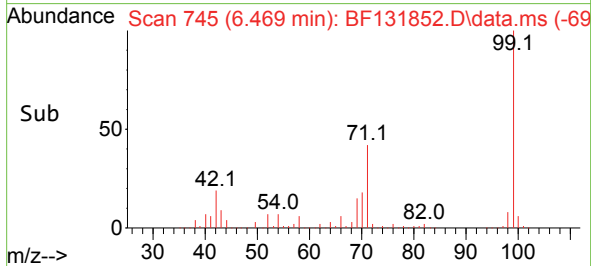


#7
Phenol-d6
Concen: 95.425 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

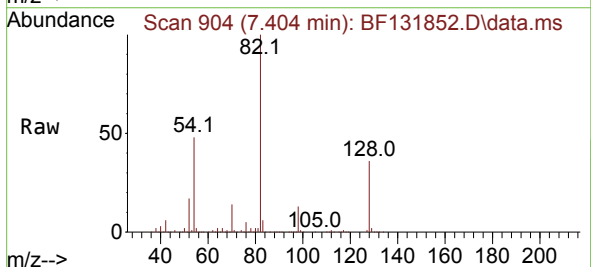
Instrument :
BNA_F
ClientSampleId :
CL-02-122322



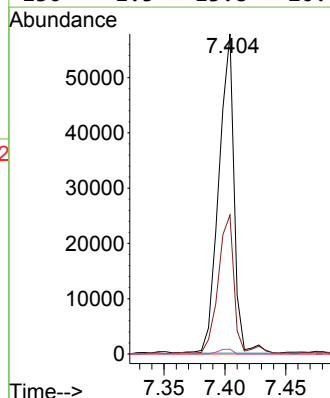
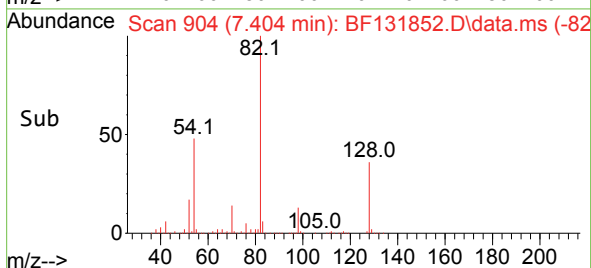
Tgt Ion: 99 Resp: 508543
Ion Ratio Lower Upper
99 100
42 19.0 15.3 22.9
71 42.0 33.5 50.3

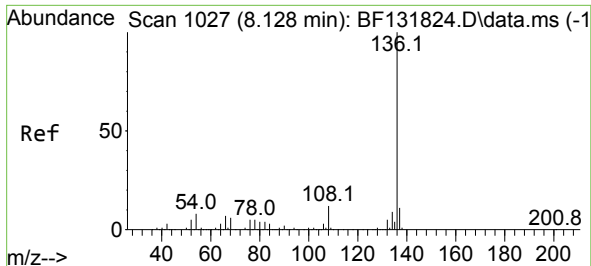


#19
n-Nitroso-di-n-propylamine
Concen: 13.390 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09



Tgt Ion: 70 Resp: 50396
Ion Ratio Lower Upper
70 100
42 43.4 43.8 65.6#
101 0.0 7.4 11.0#
130 1.5 13.8 20.6#

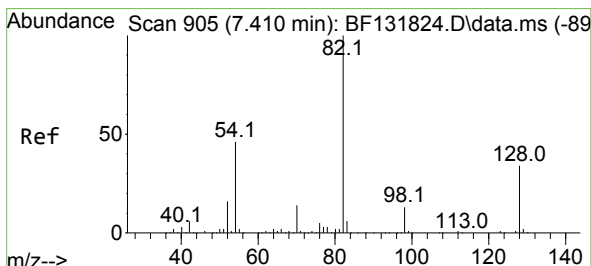
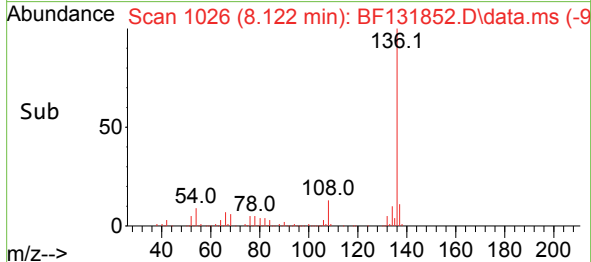
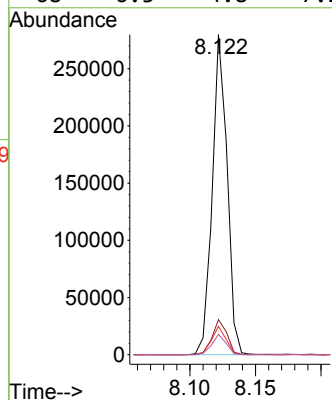
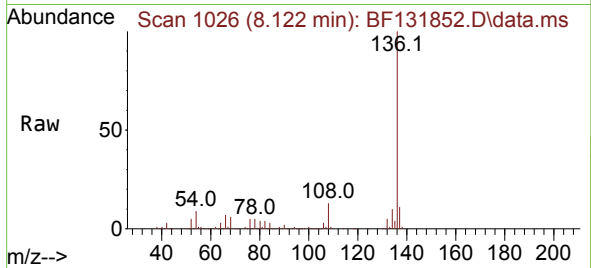




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

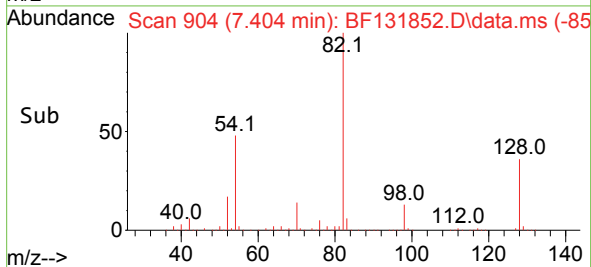
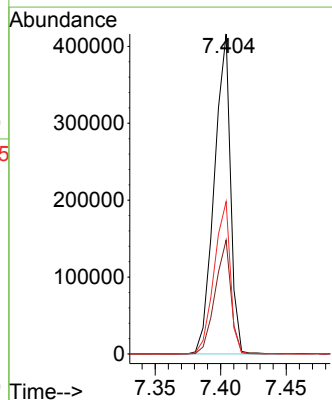
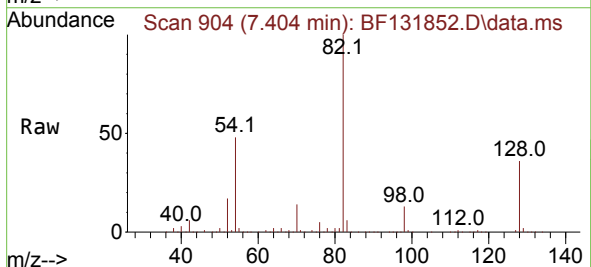
Instrument :
BNA_F
ClientSampleId :
CL-02-122322

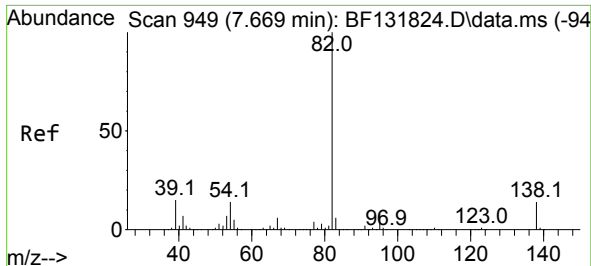
Tgt Ion:136 Resp: 220596
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.9 6.7 10.1
68 6.3 4.8 7.2



#23
Nitrobenzene-d5
Concen: 64.734 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

Tgt Ion: 82 Resp: 357667
Ion Ratio Lower Upper
82 100
128 35.6 27.1 40.7
54 47.6 37.0 55.6

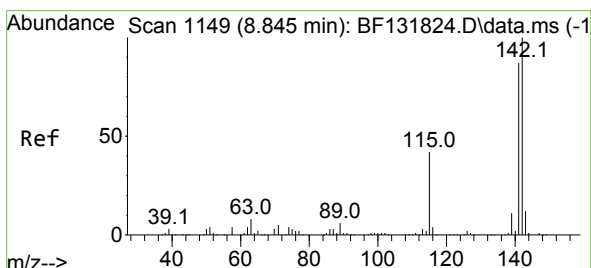
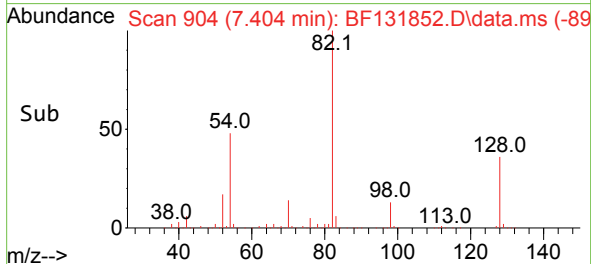
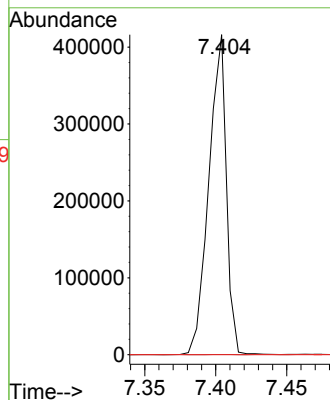
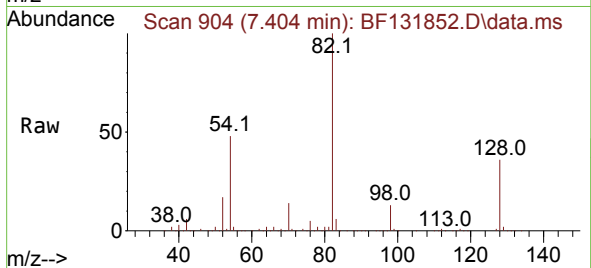




#25
Isophorone
Concen: 39.544 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

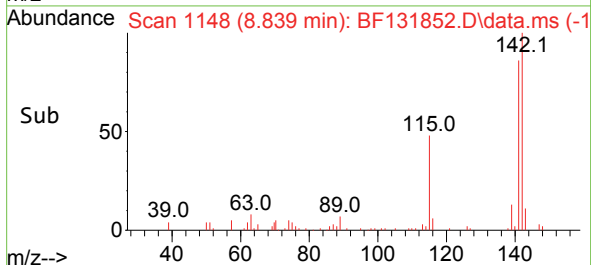
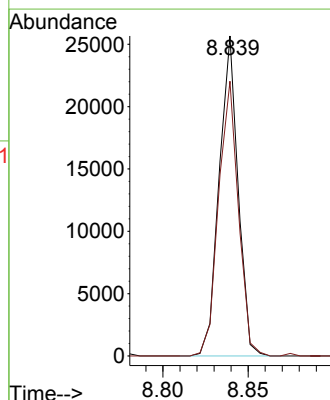
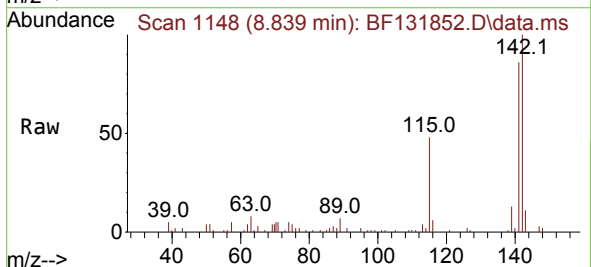
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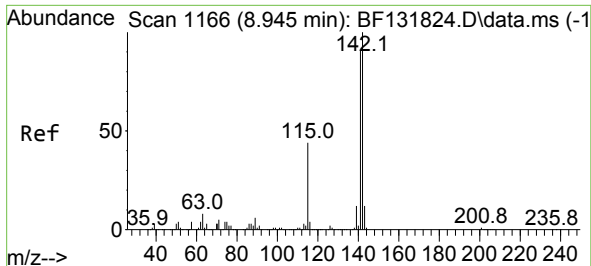
Tgt Ion: 82 Resp: 356807
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#37
2-Methylnaphthalene
Concen: 2.442 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

Tgt Ion: 142 Resp: 19796
Ion Ratio Lower Upper
142 100
141 85.9 69.8 104.8

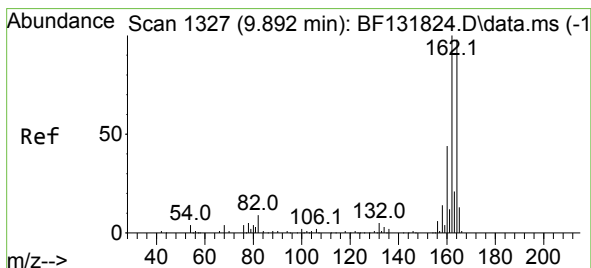
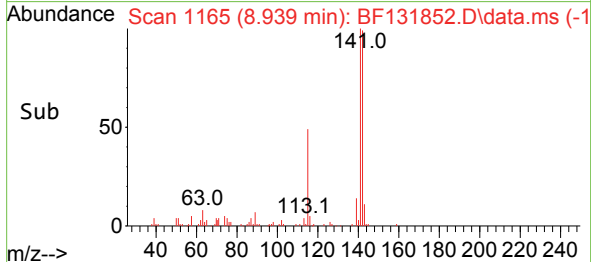
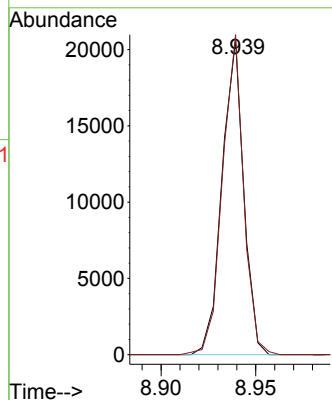
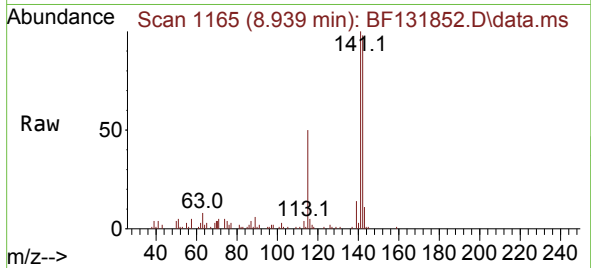




#38
1-Methylnaphthalene
Concen: 2.086 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

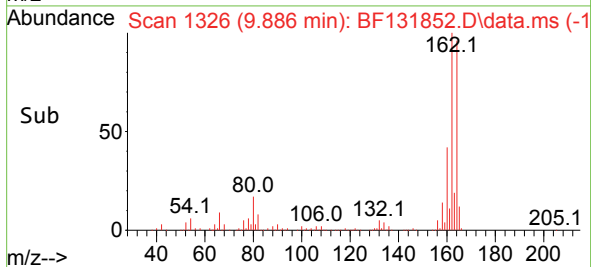
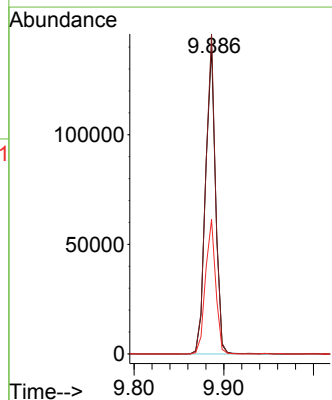
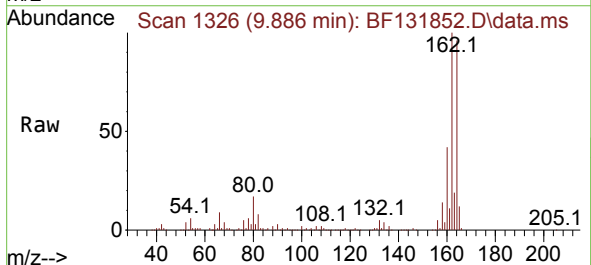
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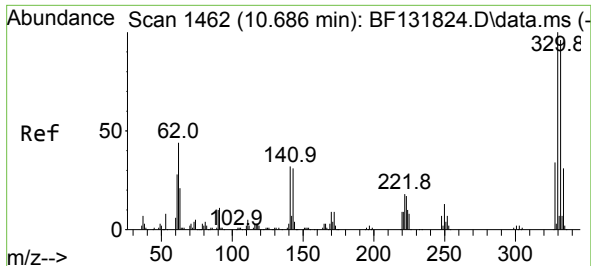
Tgt Ion:142 Resp: 16427
Ion Ratio Lower Upper
142 100
141 101.7 73.0 109.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

Tgt Ion:164 Resp: 108584
Ion Ratio Lower Upper
164 100
162 104.2 81.8 122.6
160 43.8 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 86.394 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF131852.D

Acq: 27 Dec 2022 23:09

Instrument :

BNA_F

ClientSampleId :

CL-02-122322

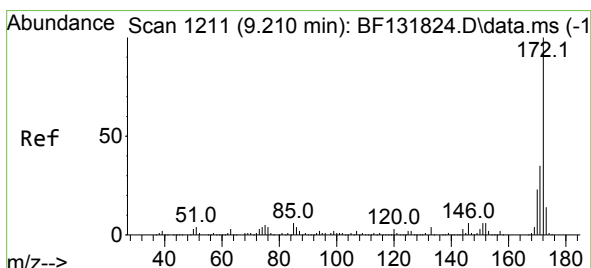
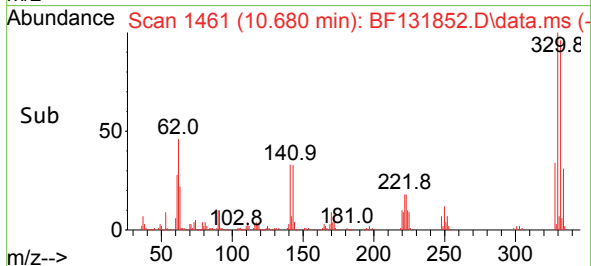
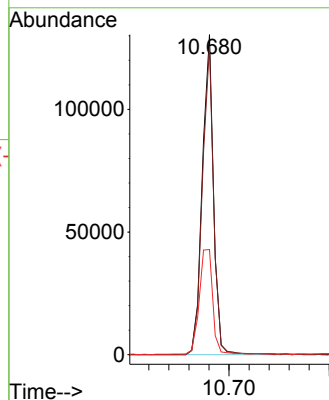
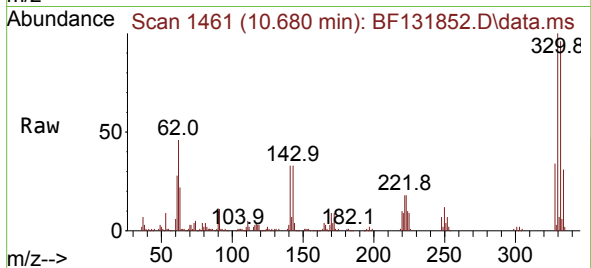
Tgt Ion:330 Resp: 101925

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.4

141 40.0 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 64.800 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF131852.D

Acq: 27 Dec 2022 23:09

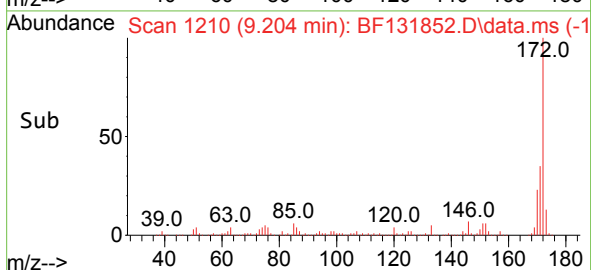
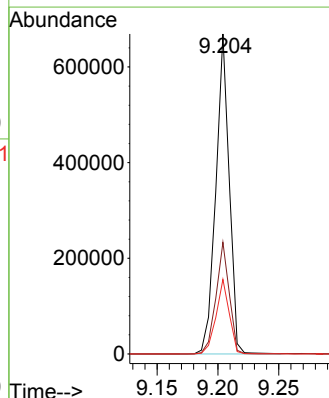
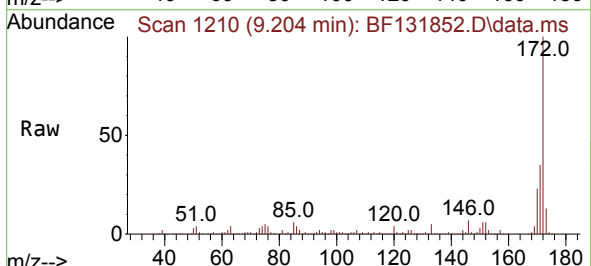
Tgt Ion:172 Resp: 513694

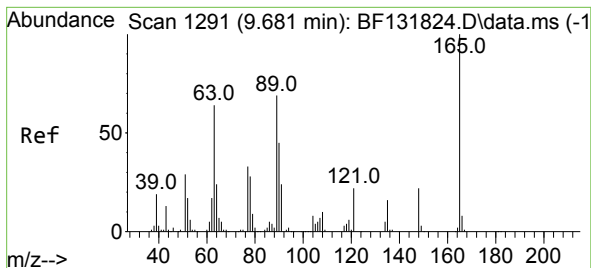
Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.3 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.320 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF131852.D

Acq: 27 Dec 2022 23:09

Instrument :

BNA_F

ClientSampleId :

CL-02-122322

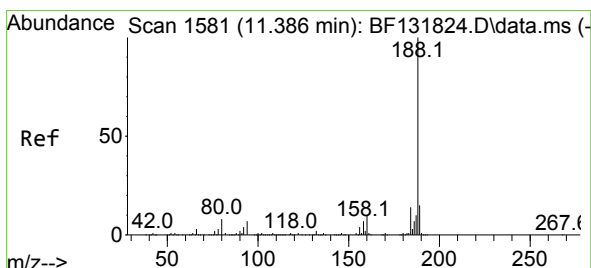
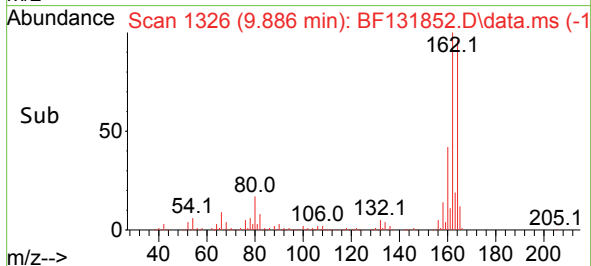
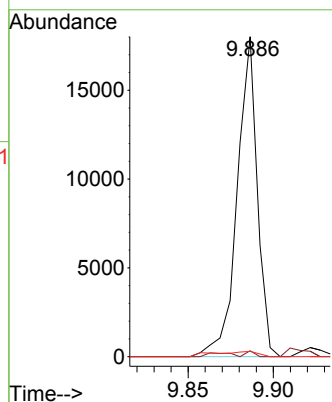
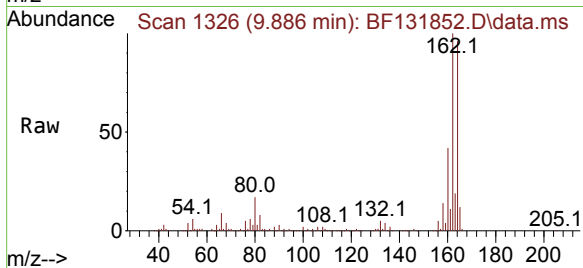
Tgt Ion:165 Resp: 14796

Ion Ratio Lower Upper

165 100

63 1.9 55.1 82.7#

89 1.7 55.0 82.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF131852.D

Acq: 27 Dec 2022 23:09

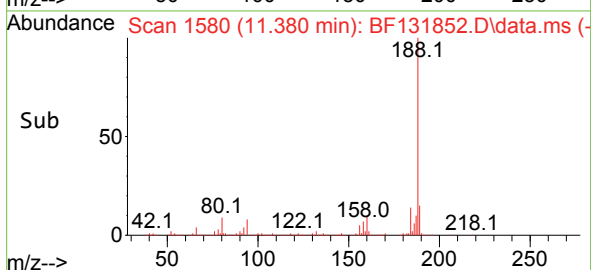
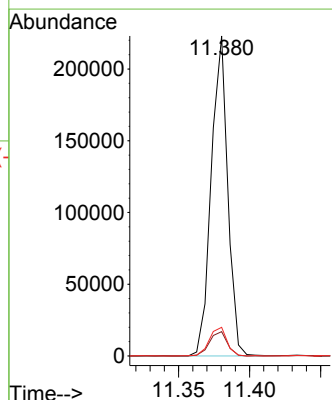
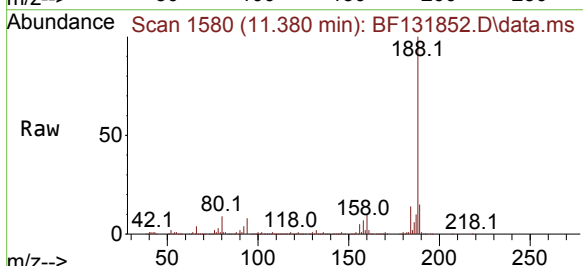
Tgt Ion:188 Resp: 179609

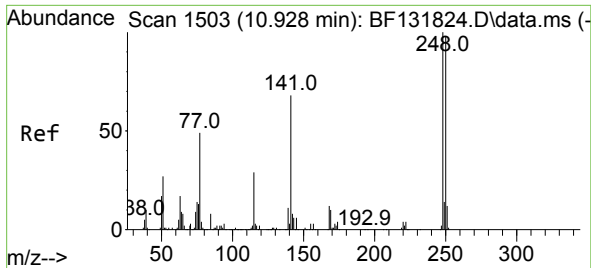
Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

80 9.0 6.7 10.1

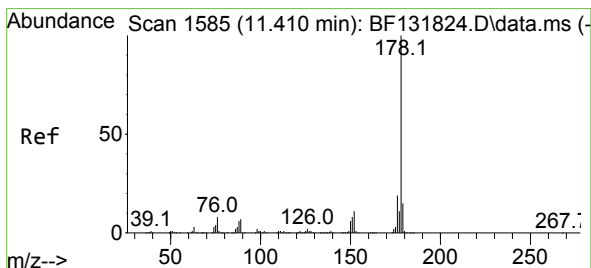
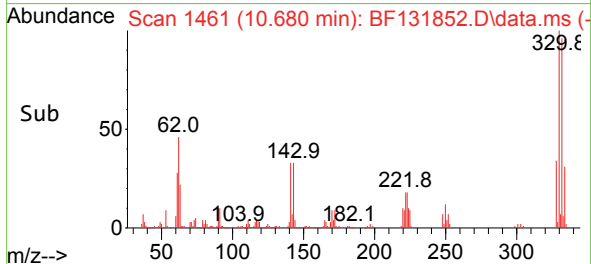
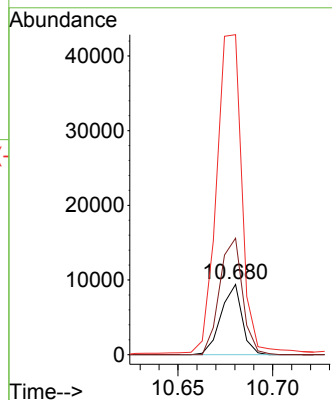
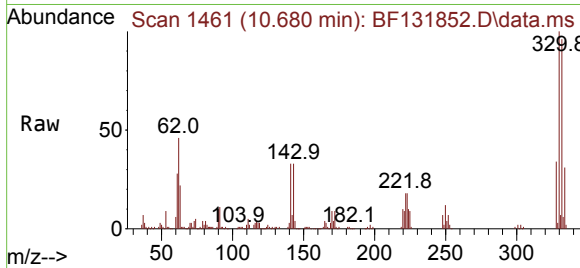




#67
4-Bromophenyl-phenylether
Concen: 3.508 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

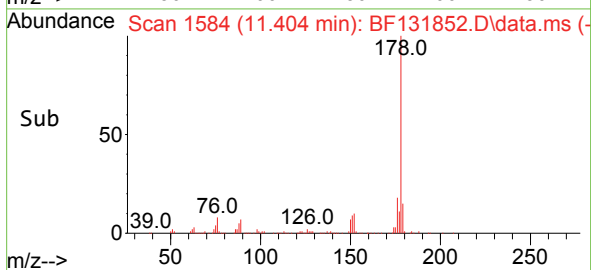
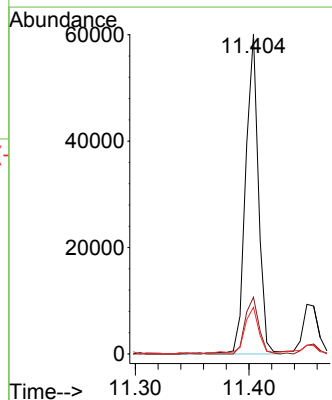
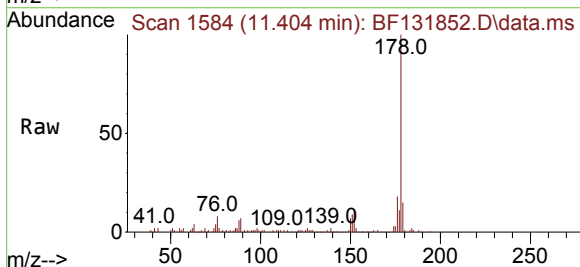
Instrument :
BNA_F
ClientSampleId :
CL-02-122322

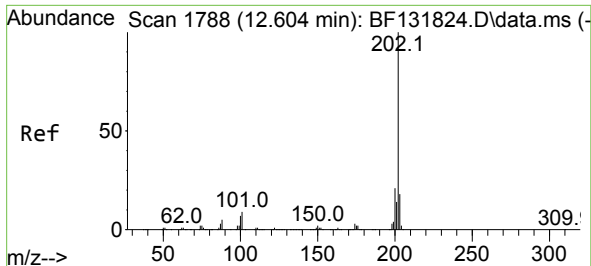
Tgt Ion:248 Resp: 7302
Ion Ratio Lower Upper
248 100
250 165.6 78.0 117.0#
141 455.1 54.8 82.2#



#71
Phenanthrene
Concen: 4.748 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

Tgt Ion:178 Resp: 46894
Ion Ratio Lower Upper
178 100
176 17.8 15.5 23.3
179 14.6 12.2 18.4

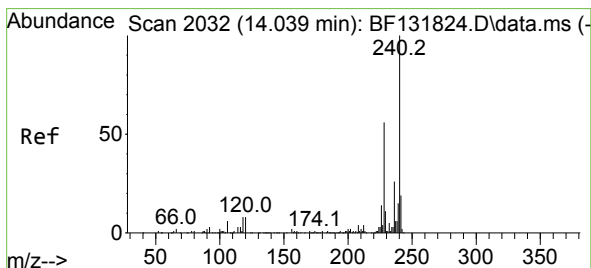
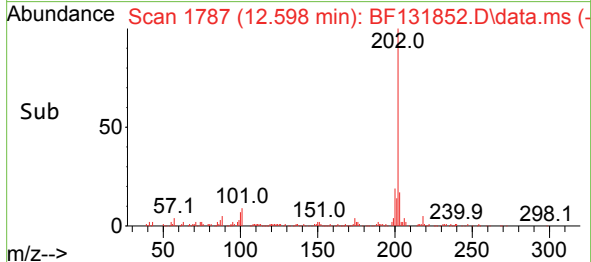
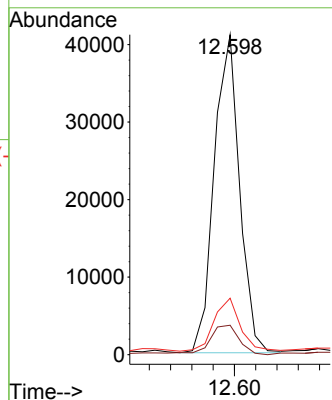
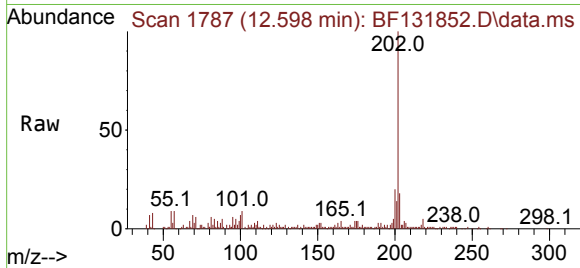




#75
Fluoranthene
Concen: 2.952 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

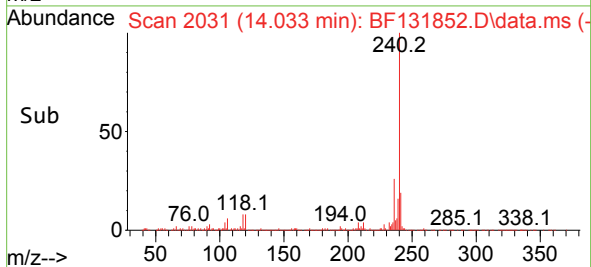
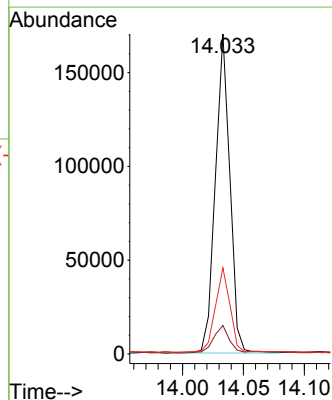
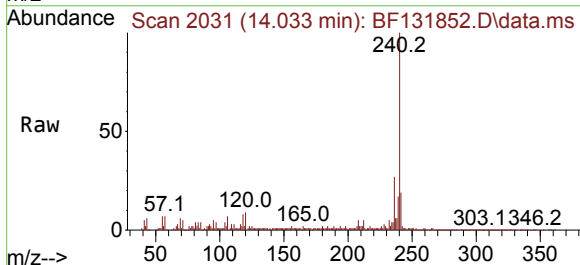
Instrument :
BNA_F
ClientSampleId :
CL-02-122322

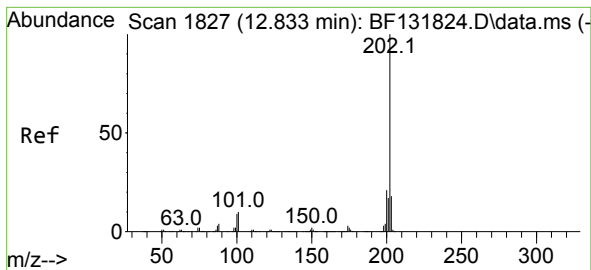
Tgt Ion:202 Resp: 33956
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.6
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

Tgt Ion:240 Resp: 140525
Ion Ratio Lower Upper
240 100
120 8.9 6.7 10.1
236 26.9 20.6 31.0





#78

Pyrene

Concen: 3.787 ng

RT: 12.827 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF131852.D

Acq: 27 Dec 2022 23:09

Instrument :

BNA_F

ClientSampleId :

CL-02-122322

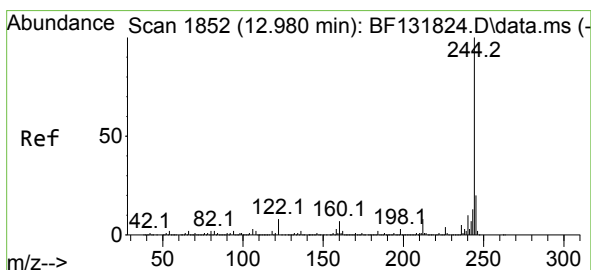
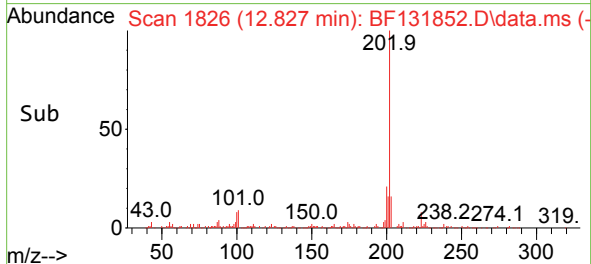
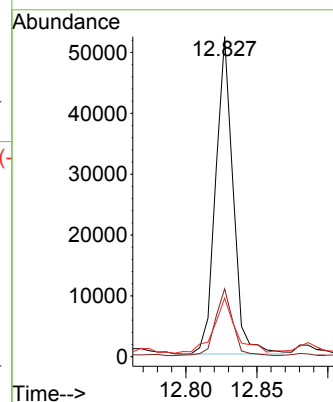
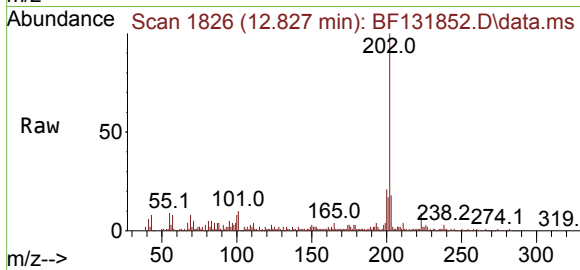
Tgt Ion:202 Resp: 44602

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

203 18.3 14.4 21.6



#79

Terphenyl-d14

Concen: 53.137 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF131852.D

Acq: 27 Dec 2022 23:09

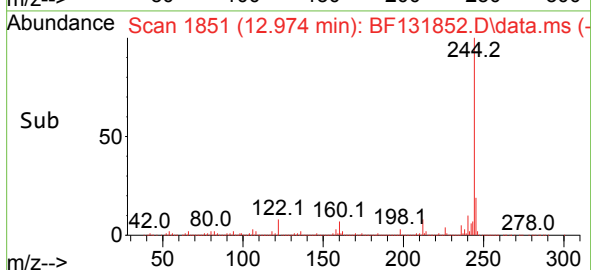
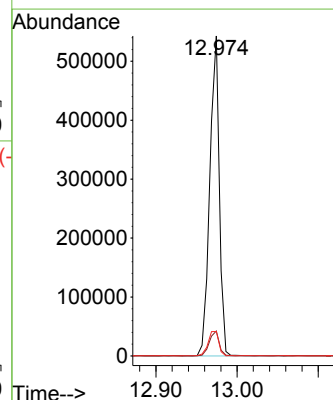
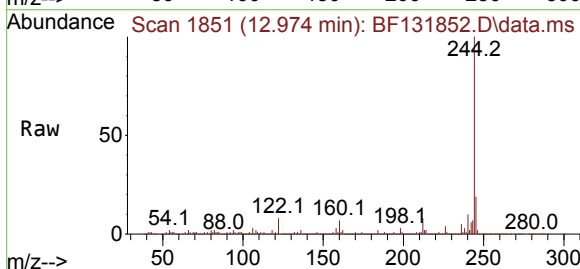
Tgt Ion:244 Resp: 441439

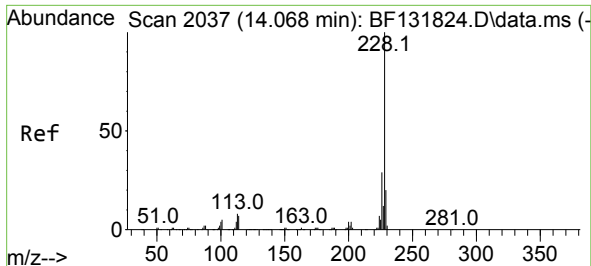
Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

122 7.7 6.4 9.6

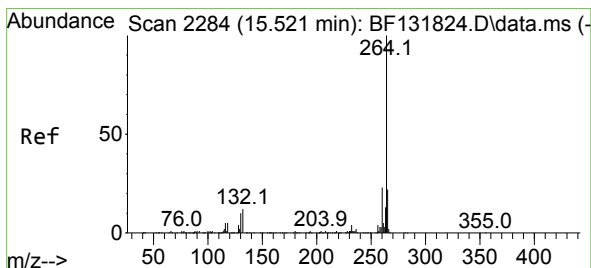
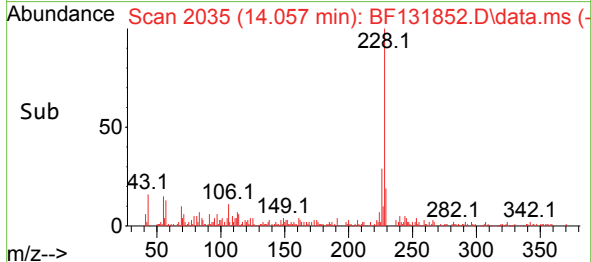
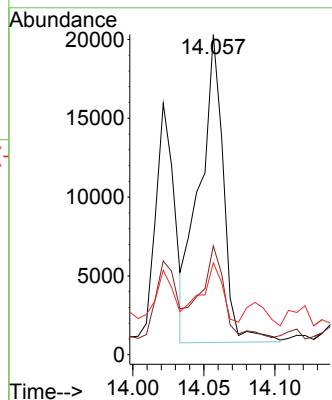
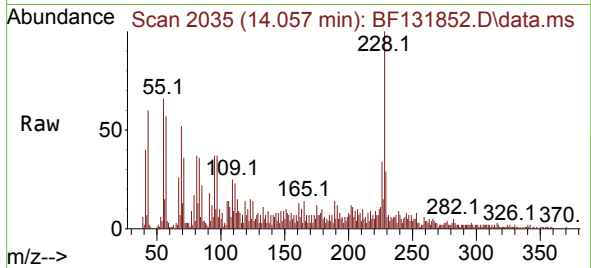




#83
Chrysene
Concen: 2.398 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

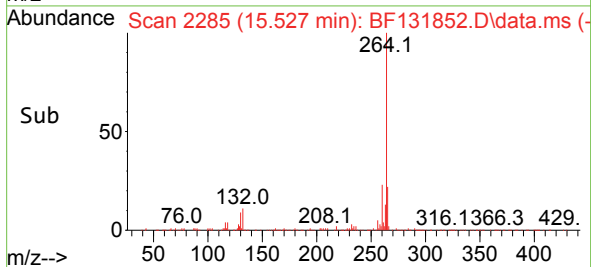
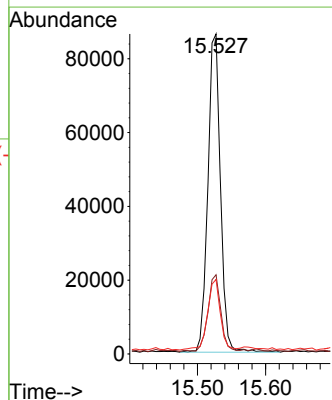
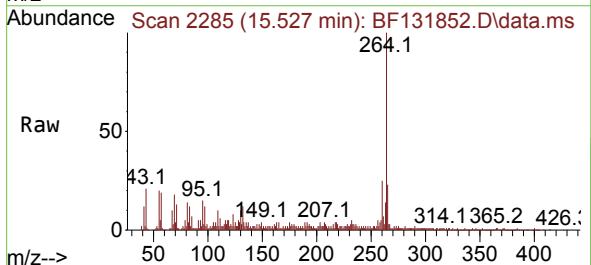
Instrument :
BNA_F
ClientSampleId :
CL-02-122322

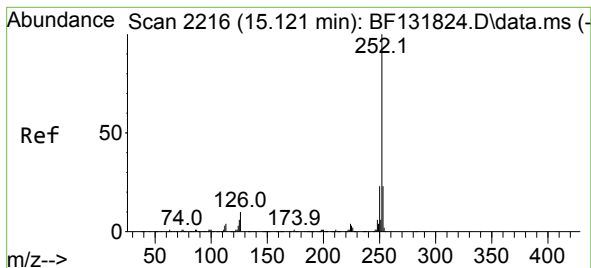
Tgt Ion:228 Resp: 22931
Ion Ratio Lower Upper
228 100
226 34.0 23.5 35.3
229 28.7 16.2 24.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

Tgt Ion:264 Resp: 110988
Ion Ratio Lower Upper
264 100
260 24.7 18.6 28.0
265 23.3 17.4 26.0





#89

Benzo(k)fluoranthene

Concen: 2.060 ng

RT: 15.086 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF131852.D

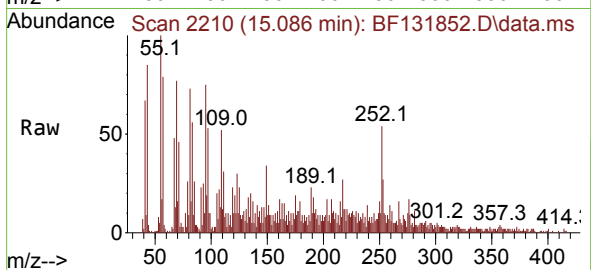
Acq: 27 Dec 2022 23:09

Instrument :

BNA_F

ClientSampleId :

CL-02-122322



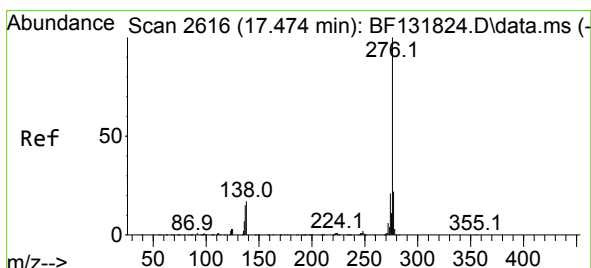
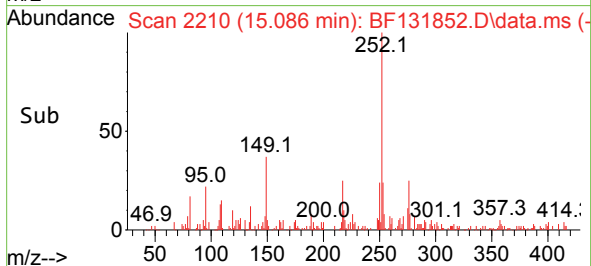
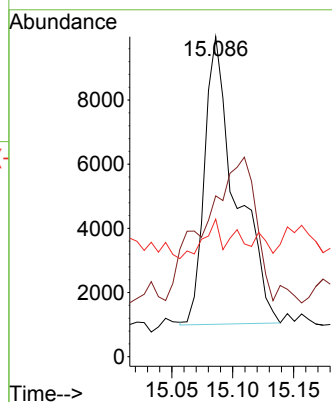
Tgt Ion:252 Resp: 16195

Ion Ratio Lower Upper

252 100

253 50.2 17.7 26.5#

125 43.0 5.4 8.0#



#92

Benzo(g,h,i)perylene

Concen: 6.068 ng

RT: 17.480 min Scan# 2617

Delta R.T. 0.006 min

Lab File: BF131852.D

Acq: 27 Dec 2022 23:09

Tgt Ion:276 Resp: 6296

Ion Ratio Lower Upper

276 100

277 39.0 17.9 26.9#

138 24.0 13.7 20.5#

