

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
 Data File : BF131881.D
 Acq On : 29 Dec 2022 16:48
 Operator : CG\JU
 Sample : N6231-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2S

Quant Time: Dec 30 02:10:54 2022
 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)

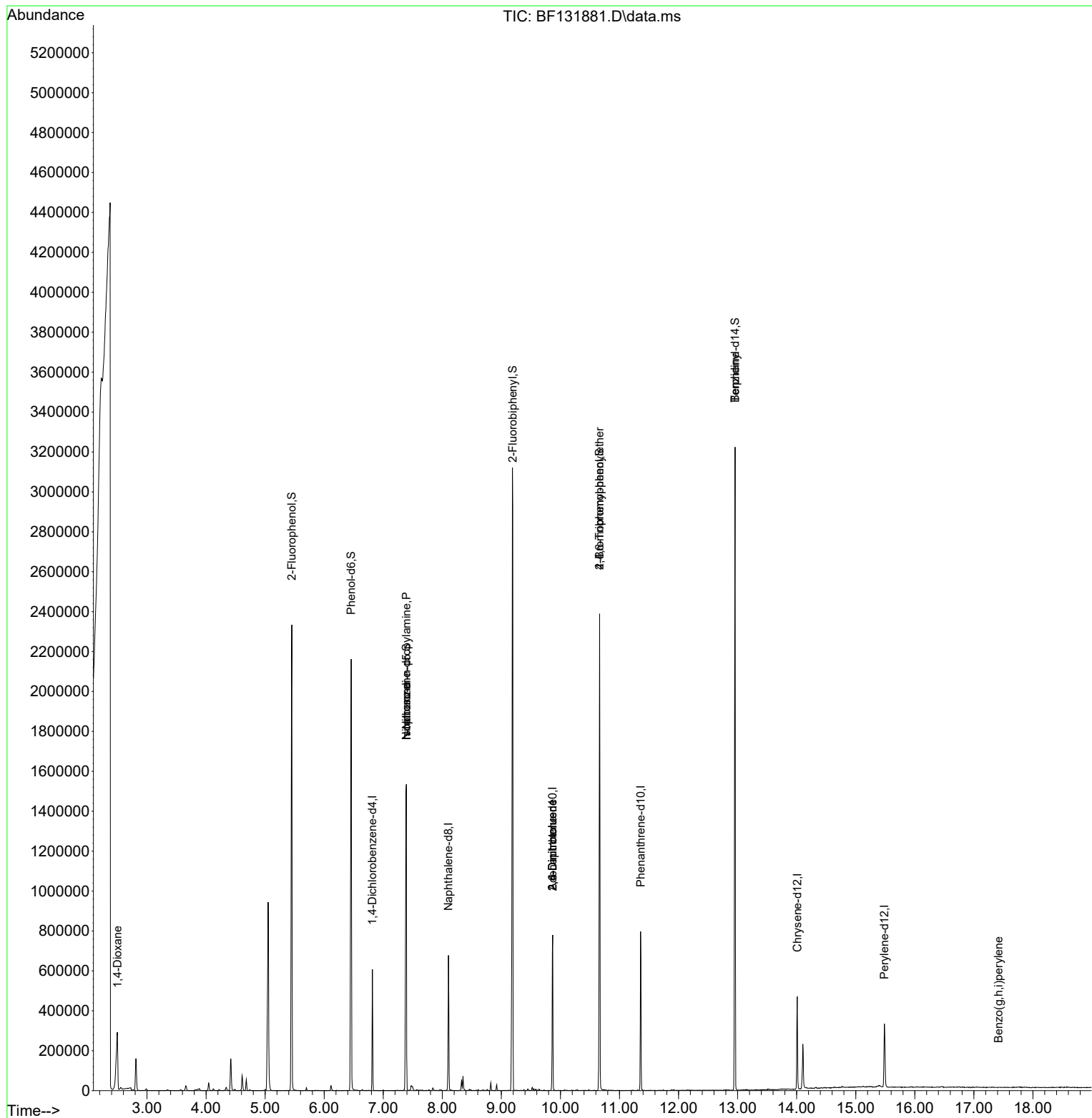
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	74162	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	270263	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	154840	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	279876	20.000	ng	0.00
76) Chrysene-d12	14.010	240	150404	20.000	ng	0.00
86) Perylene-d12	15.486	264	142917	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	608372	135.947	ng	0.03
7) Phenol-d6	6.457	99	720010	122.462	ng	0.00
23) Nitrobenzene-d5	7.392	82	618177	91.323	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	253839	150.884	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1059398	93.715	ng	0.00
79) Terphenyl-d14	12.957	244	1045410	117.572	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.499	88	8208	3.955	ng	# 1
19) n-Nitroso-di-n-propyla...	7.392	70	88190	21.239	ng	# 76
25) Isophorone	7.392	82	618169	55.920	ng	# 69
51) 2,6-Dinitrotoluene	9.869	165	20501	8.085	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	20501	5.912	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	16984	5.236	ng	# 1
77) Benzidine	12.957	184	15823	6.402	ng	# 92
92) Benzo(g,h,i)perylene	17.415	276	53	5.253	ng	# 56

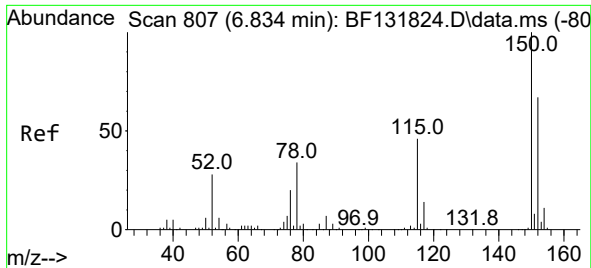
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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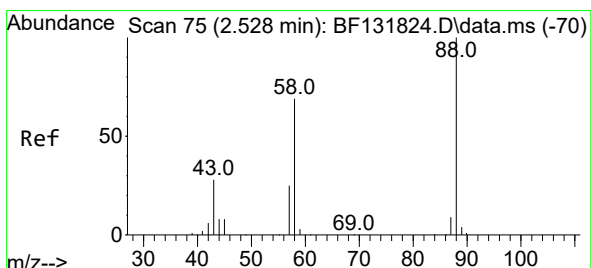
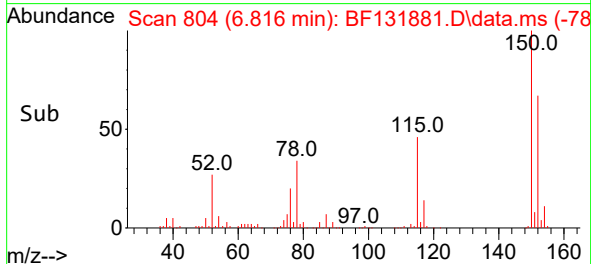
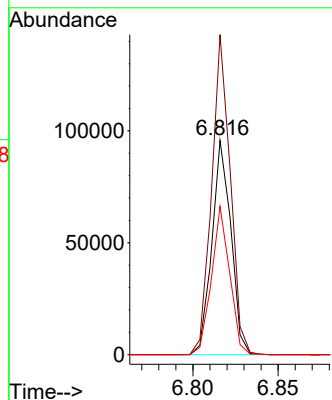
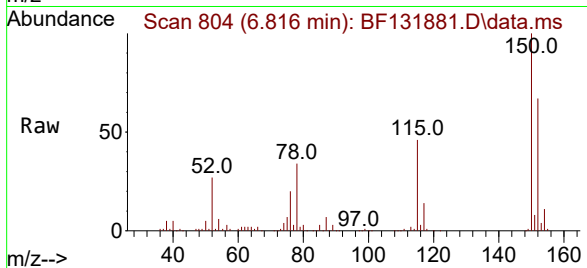




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF131881.D
 Acq: 29 Dec 2022 16:48

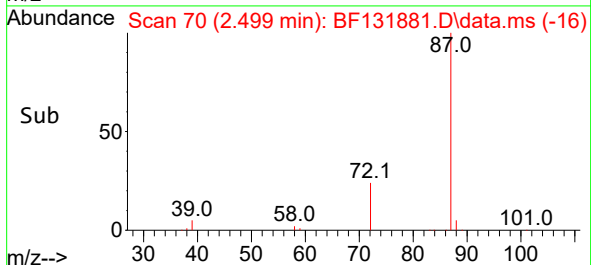
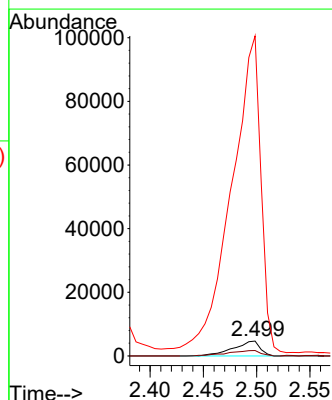
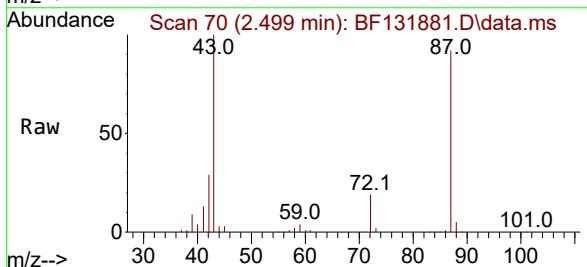
Instrument :
 BNA_F
 ClientSampleId :
 TP-2S

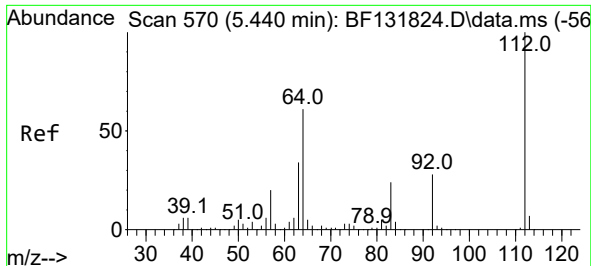
Tgt Ion:152 Resp: 74162
 Ion Ratio Lower Upper
 152 100
 150 149.3 120.0 180.0
 115 69.2 55.1 82.7



#2
 1,4-Dioxane
 Concen: 3.955 ng
 RT: 2.499 min Scan# 70
 Delta R.T. -0.030 min
 Lab File: BF131881.D
 Acq: 29 Dec 2022 16:48

Tgt Ion: 88 Resp: 8208
 Ion Ratio Lower Upper
 88 100
 58 44.7 58.2 87.2#
 43 2332.3 24.2 36.4#

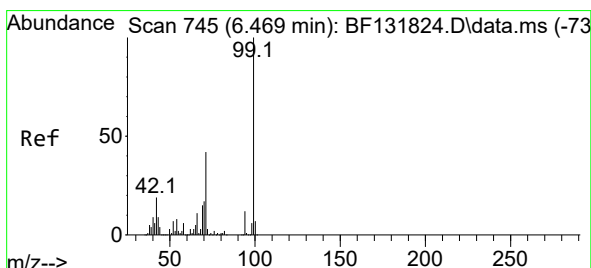
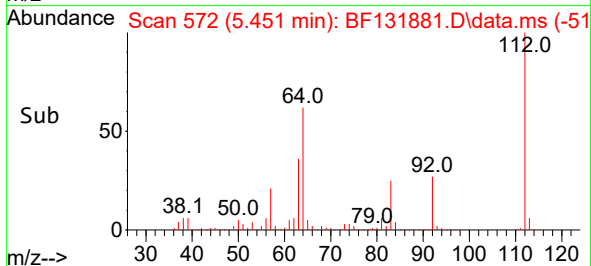
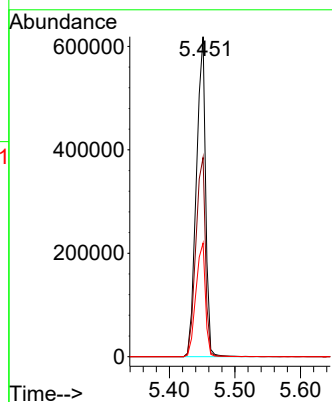
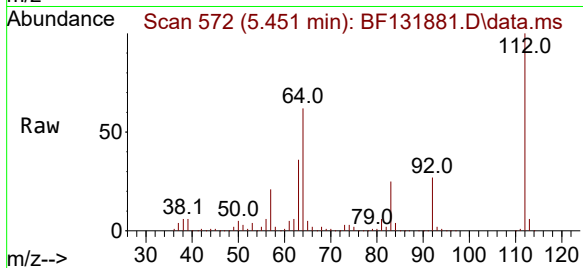




#5
2-Fluorophenol
Concen: 135.947 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF131881.D
Acq: 29 Dec 2022 16:48

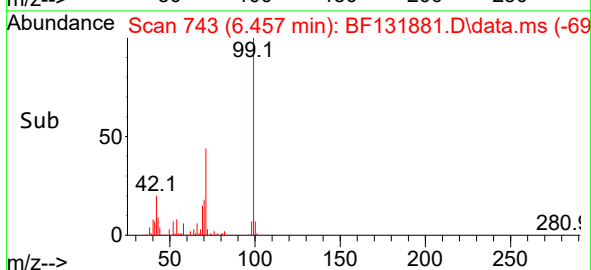
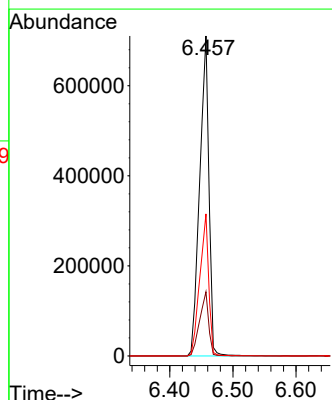
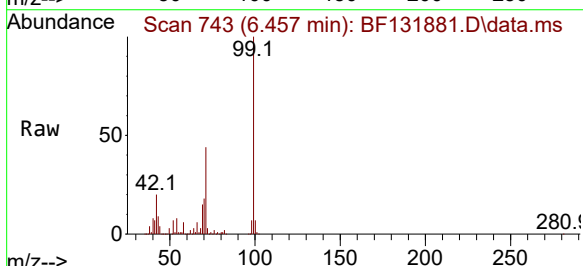
Instrument :
BNA_F
ClientSampleId :
TP-2S

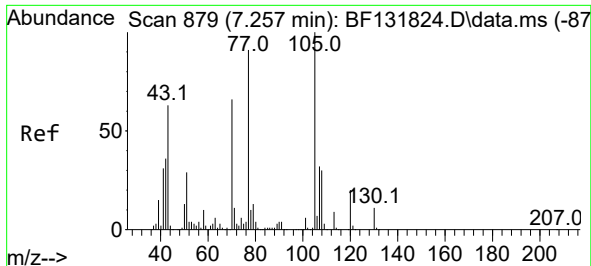
Tgt Ion:112 Resp: 608372
Ion Ratio Lower Upper
112 100
64 62.3 49.2 73.8
63 35.5 27.5 41.3



#7
Phenol-d6
Concen: 122.462 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF131881.D
Acq: 29 Dec 2022 16:48

Tgt Ion: 99 Resp: 720010
Ion Ratio Lower Upper
99 100
42 20.1 15.3 22.9
71 44.4 33.5 50.3





#19

n-Nitroso-di-n-propylamine

Concen: 21.239 ng

RT: 7.392 min Scan# 90

Delta R.T. 0.153 min

Lab File: BF131881.D

Acq: 29 Dec 2022 16:48

Instrument :

BNA_F

ClientSampleId :

TP-2S

Tgt Ion: 70 Resp: 88190

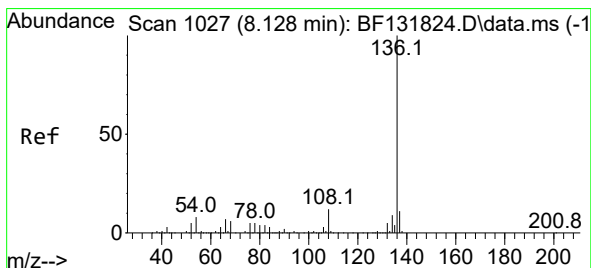
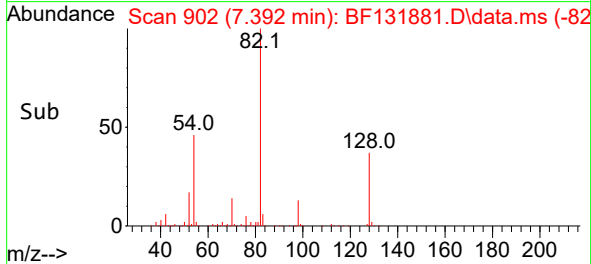
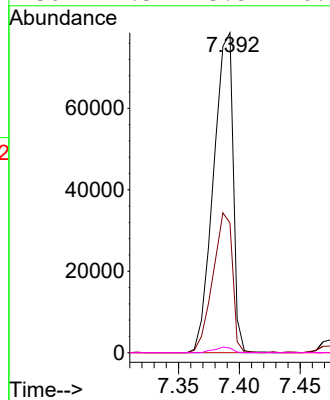
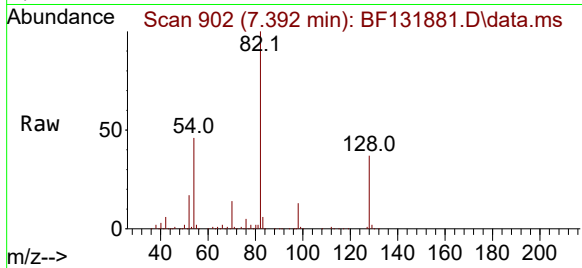
Ion Ratio Lower Upper

70 100

42 40.5 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: 8.104 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF131881.D

Acq: 29 Dec 2022 16:48

Tgt Ion: 136 Resp: 270263

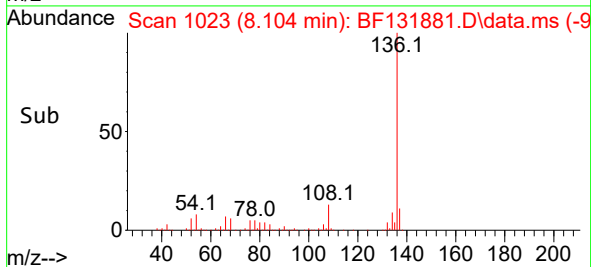
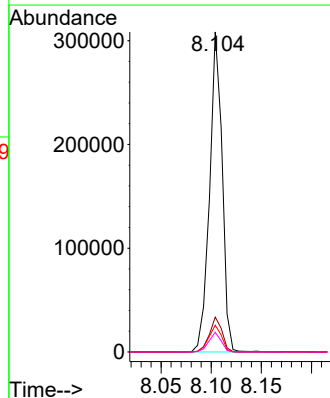
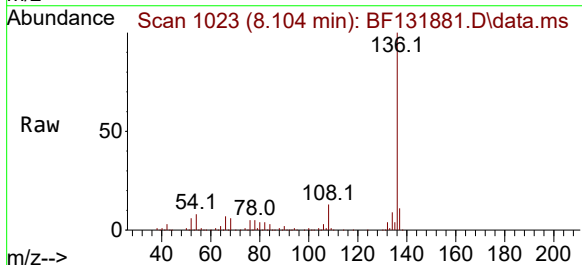
Ion Ratio Lower Upper

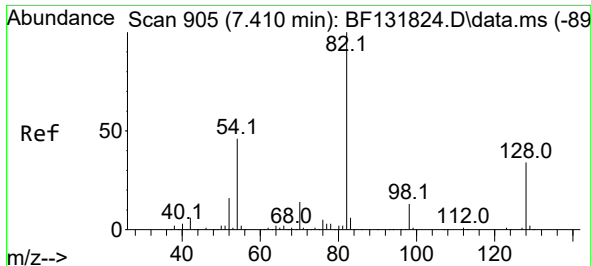
136 100

137 10.9 8.6 12.8

54 8.4 6.7 10.1

68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 91.323 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.000 min

Lab File: BF131881.D

Acq: 29 Dec 2022 16:48

Instrument :

BNA_F

ClientSampleId :

TP-2S

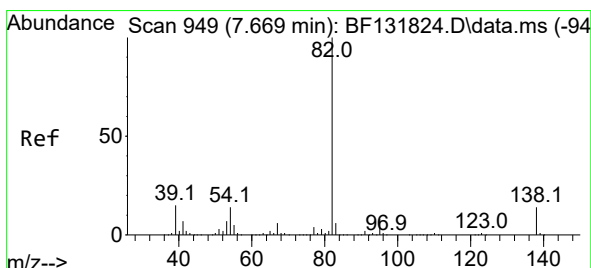
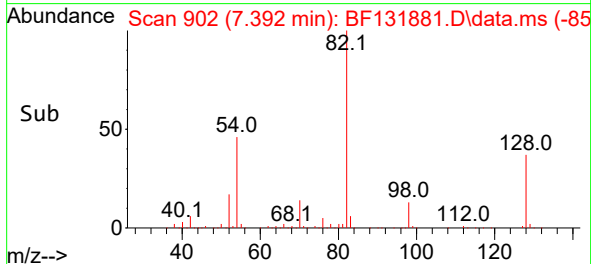
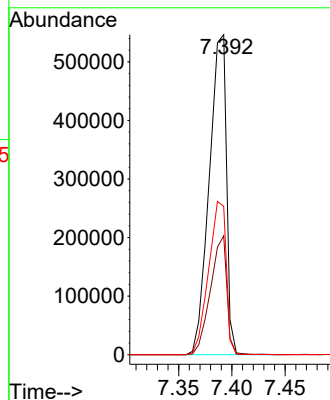
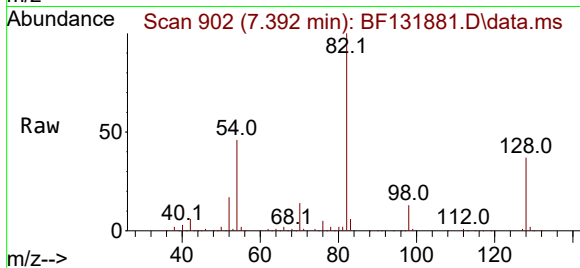
Tgt Ion: 82 Resp: 618177

Ion Ratio Lower Upper

82 100

128 37.2 27.1 40.7

54 46.4 37.0 55.6



#25

Isophorone

Concen: 55.920 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.259 min

Lab File: BF131881.D

Acq: 29 Dec 2022 16:48

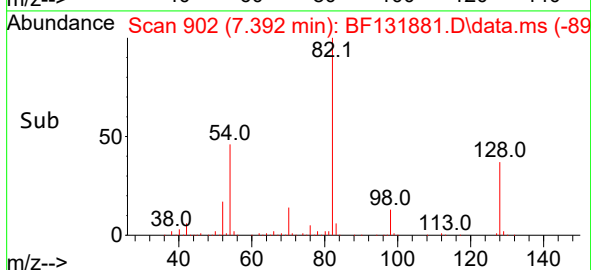
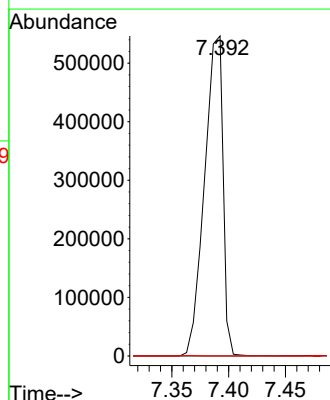
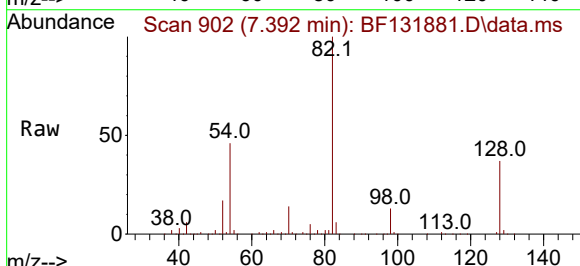
Tgt Ion: 82 Resp: 618169

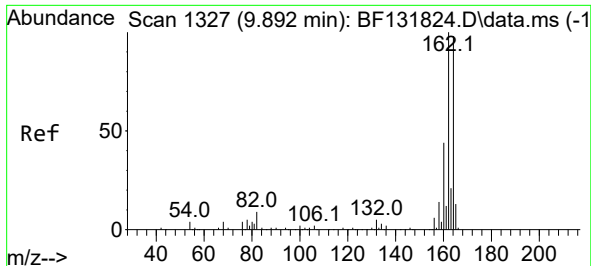
Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.4#

138 0.0 11.5 17.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131881.D

Acq: 29 Dec 2022 16:48

Instrument :

BNA_F

ClientSampleId :

TP-2S

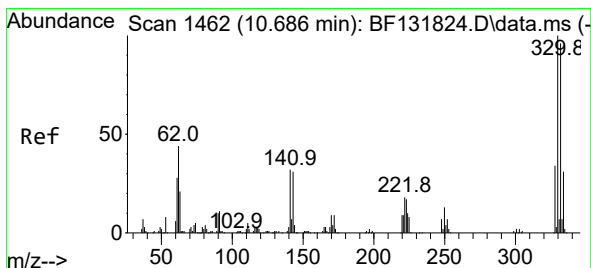
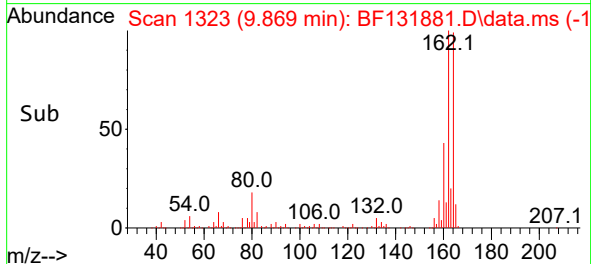
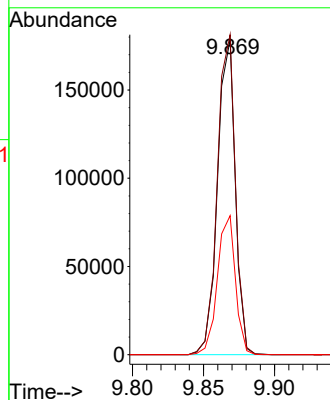
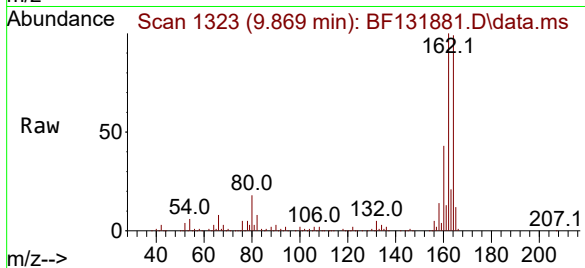
Tgt Ion:164 Resp: 154840

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

160 44.1 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 150.884 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF131881.D

Acq: 29 Dec 2022 16:48

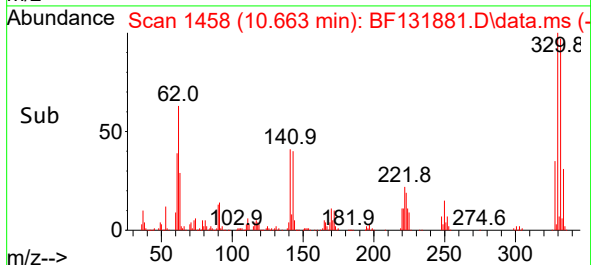
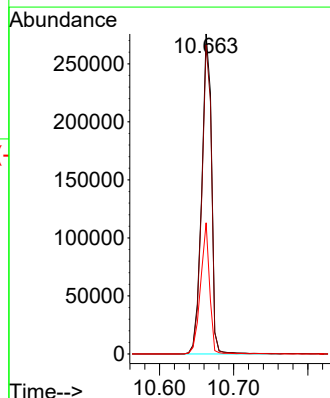
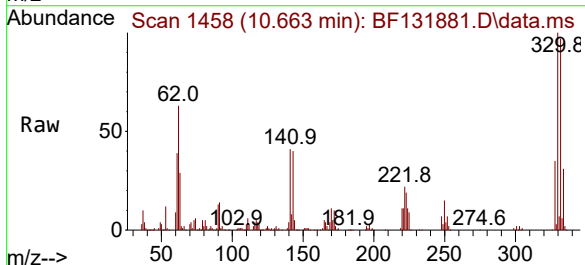
Tgt Ion:330 Resp: 253839

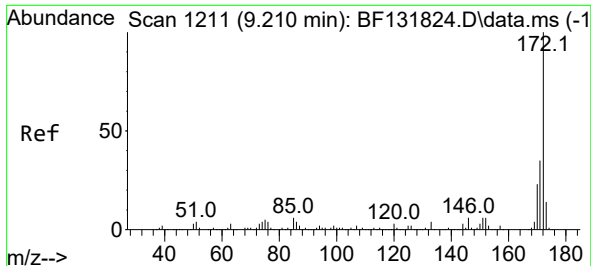
Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.4

141 37.4 31.0 46.4

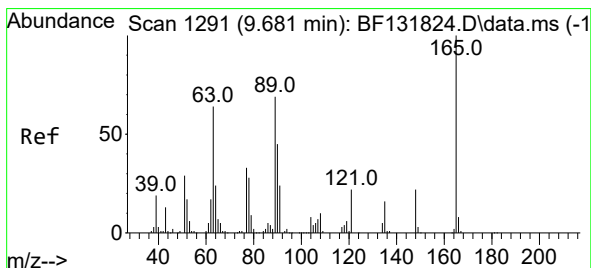
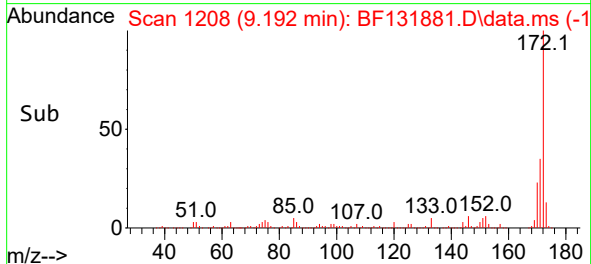
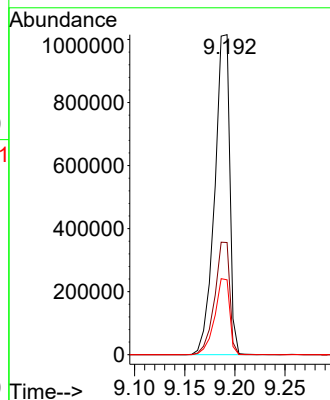
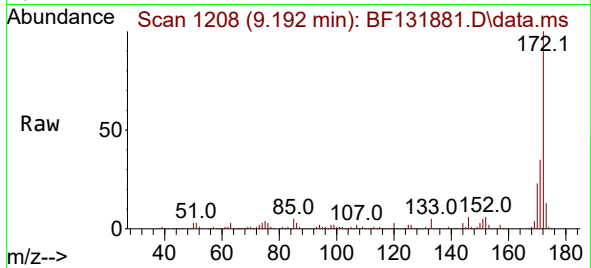




#45
2-Fluorobiphenyl
Concen: 93.715 ng
RT: 9.192 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF131881.D
Acq: 29 Dec 2022 16:48

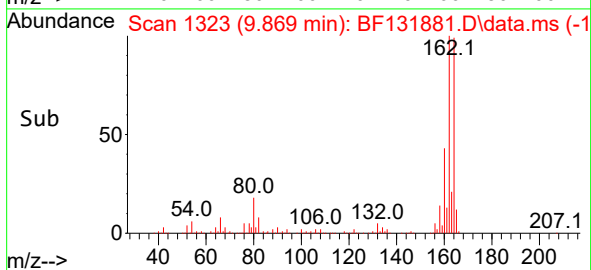
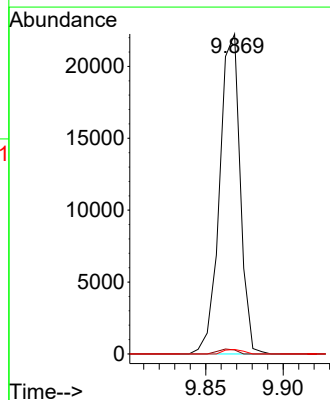
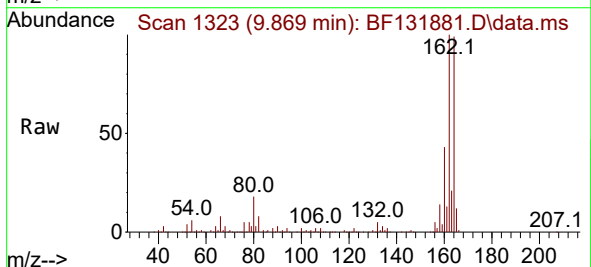
Instrument :
BNA_F
ClientSampleId :
TP-2S

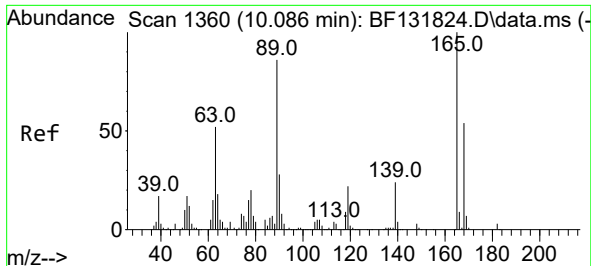
Tgt Ion:172 Resp: 1059398
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.4 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 8.085 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.206 min
Lab File: BF131881.D
Acq: 29 Dec 2022 16:48

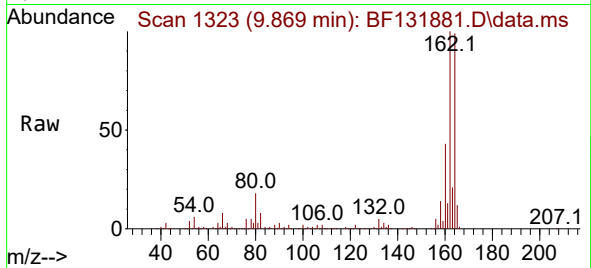
Tgt Ion:165 Resp: 20501
Ion Ratio Lower Upper
165 100
63 1.2 55.1 82.7#
89 1.4 55.0 82.4#



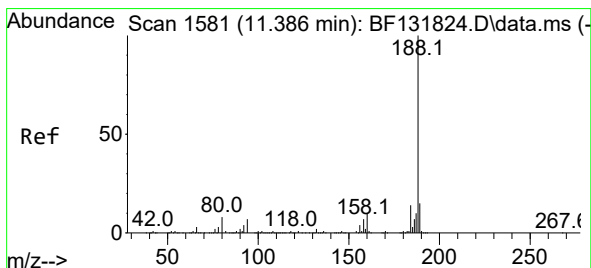
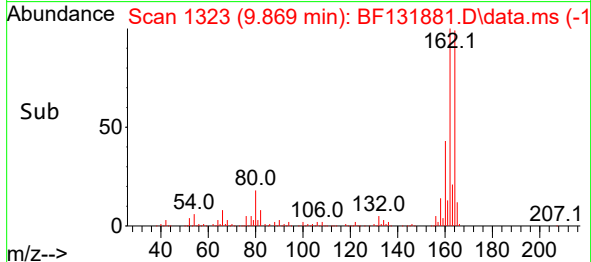
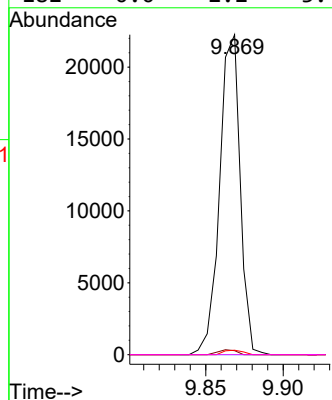


#57
2,4-Dinitrotoluene
Concen: 5.912 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131881.D
Acq: 29 Dec 2022 16:48

Instrument :
BNA_F
ClientSampleId :
TP-2S

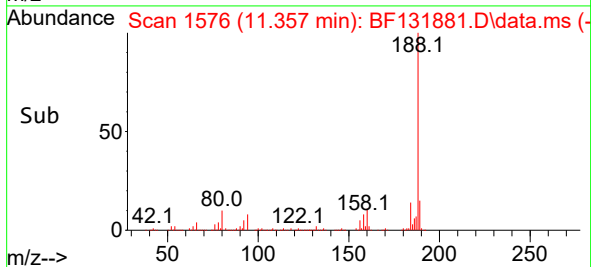
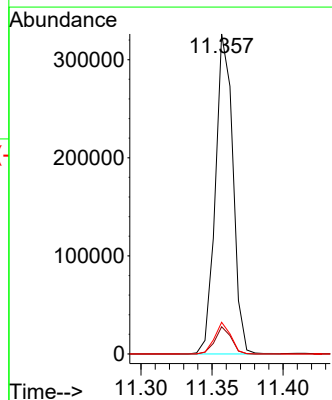
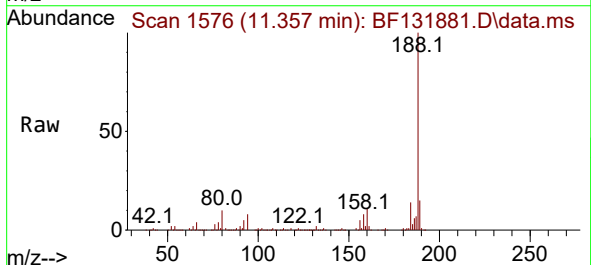


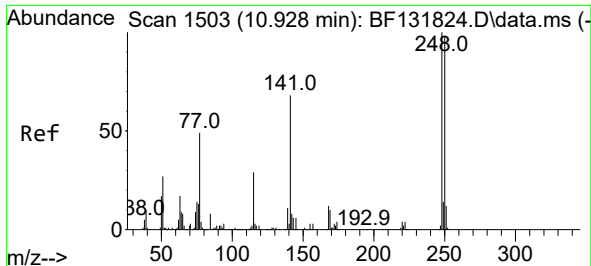
Tgt Ion:165 Resp: 20501
Ion Ratio Lower Upper
165 100
63 1.2 42.1 63.1#
89 1.4 69.1 103.7#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF131881.D
Acq: 29 Dec 2022 16:48

Tgt Ion:188 Resp: 279876
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.6
80 9.9 6.7 10.1

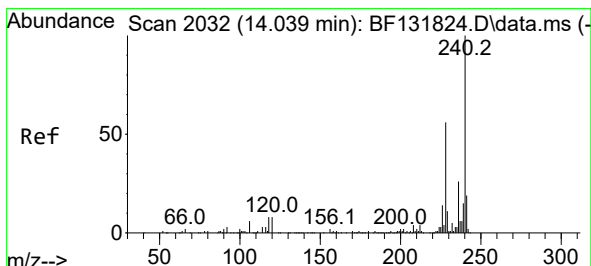
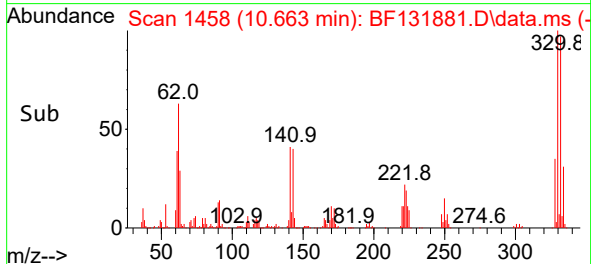
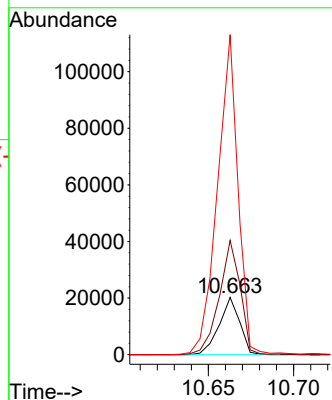
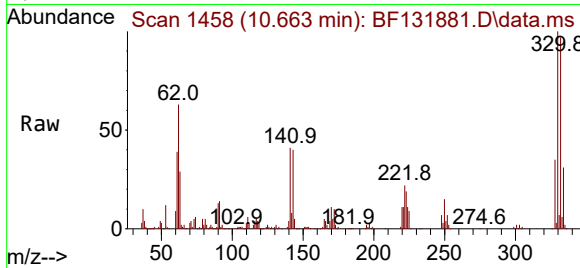




#67
4-Bromophenyl-phenylether
Concen: 5.236 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131881.D
Acq: 29 Dec 2022 16:48

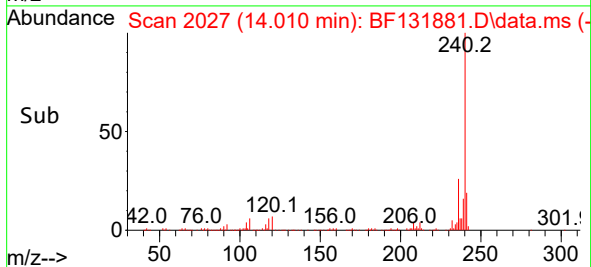
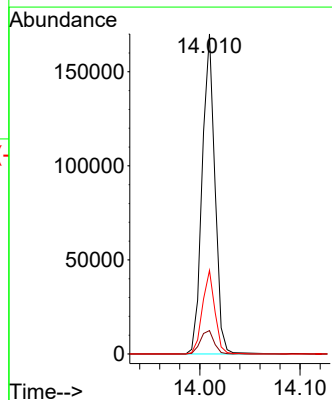
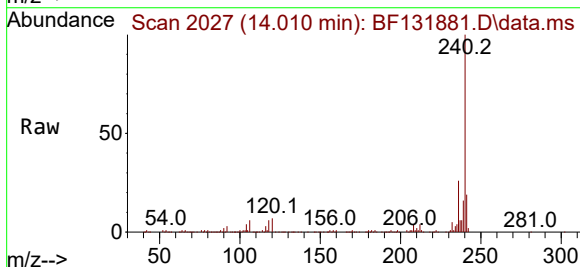
Instrument :
BNA_F
ClientSampleId :
TP-2S

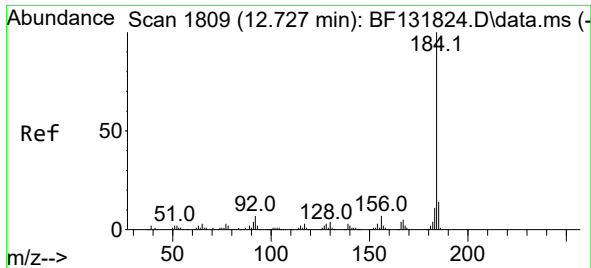
Tgt Ion:248 Resp: 16984
Ion Ratio Lower Upper
248 100
250 199.7 78.0 117.0#
141 559.2 54.8 82.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131881.D
Acq: 29 Dec 2022 16:48

Tgt Ion:240 Resp: 150404
Ion Ratio Lower Upper
240 100
120 7.3 6.7 10.1
236 26.1 20.6 31.0

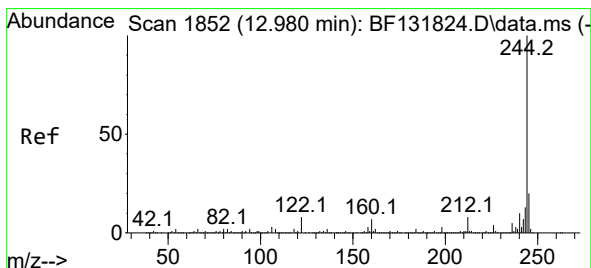
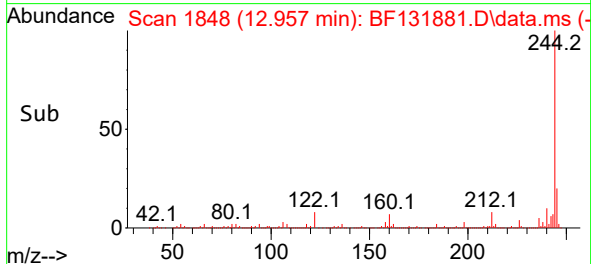
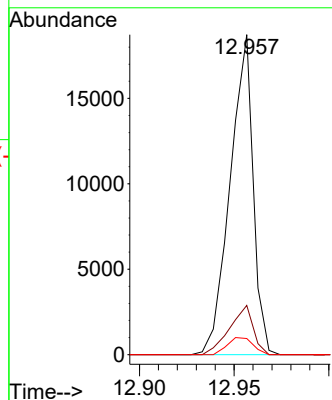
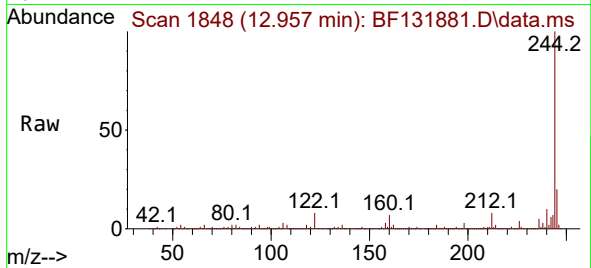




#77
Benzidine
Concen: 6.402 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF131881.D
Acq: 29 Dec 2022 16:48

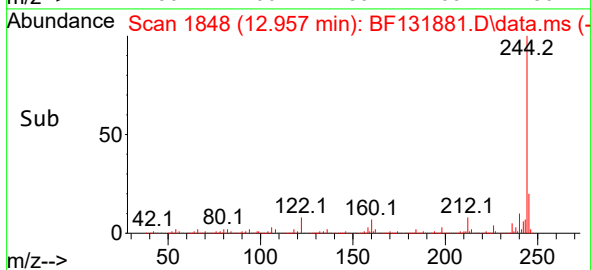
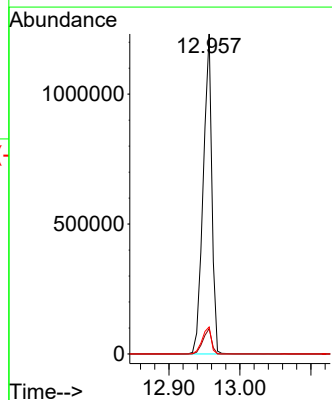
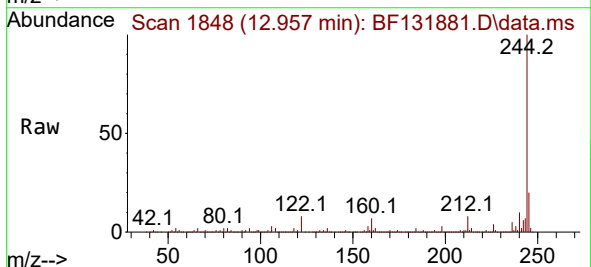
Instrument :
BNA_F
ClientSampleId :
TP-2S

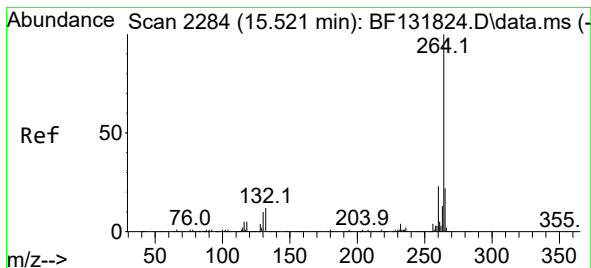
Tgt Ion:184 Resp: 15823
Ion Ratio Lower Upper
184 100
185 15.4 11.6 17.4
183 5.1 9.0 13.4#



#79
Terphenyl-d14
Concen: 117.572 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BF131881.D
Acq: 29 Dec 2022 16:48

Tgt Ion:244 Resp: 1045410
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 8.5 6.4 9.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131881.D

Acq: 29 Dec 2022 16:48

Instrument :

BNA_F

ClientSampleId :

TP-2S

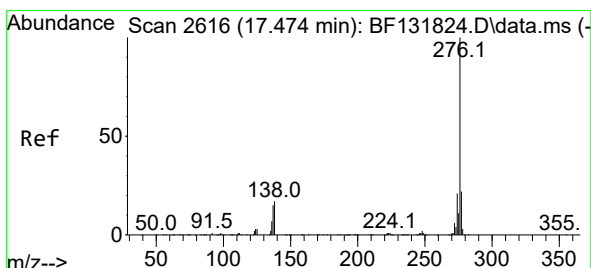
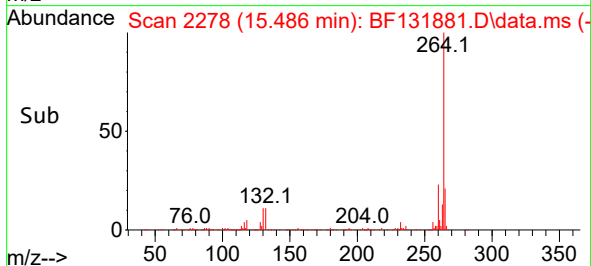
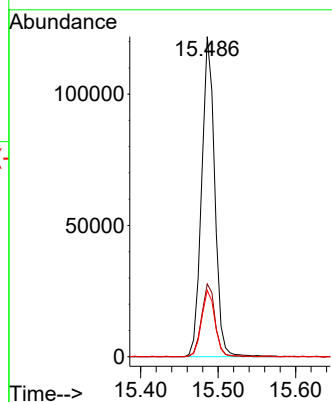
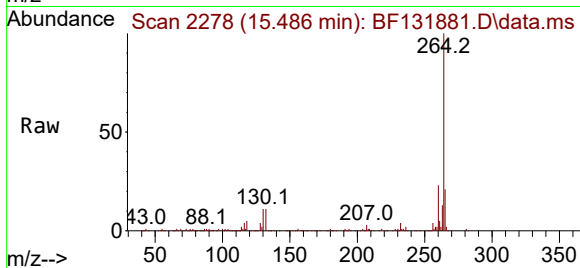
Tgt Ion:264 Resp: 142917

Ion Ratio Lower Upper

264 100

260 22.7 18.6 28.0

265 20.7 17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 5.253 ng

RT: 17.415 min Scan# 2606

Delta R.T. -0.012 min

Lab File: BF131881.D

Acq: 29 Dec 2022 16:48

Tgt Ion:276 Resp: 53

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 13.7 20.5#

