

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
 Data File : BF131802.D
 Acq On : 23 Dec 2022 11:38
 Operator : CG\JU
 Sample : PB149851BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149851BL

Quant Time: Dec 24 03:02:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 00:05:44 2022
 Response via : Initial Calibration

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

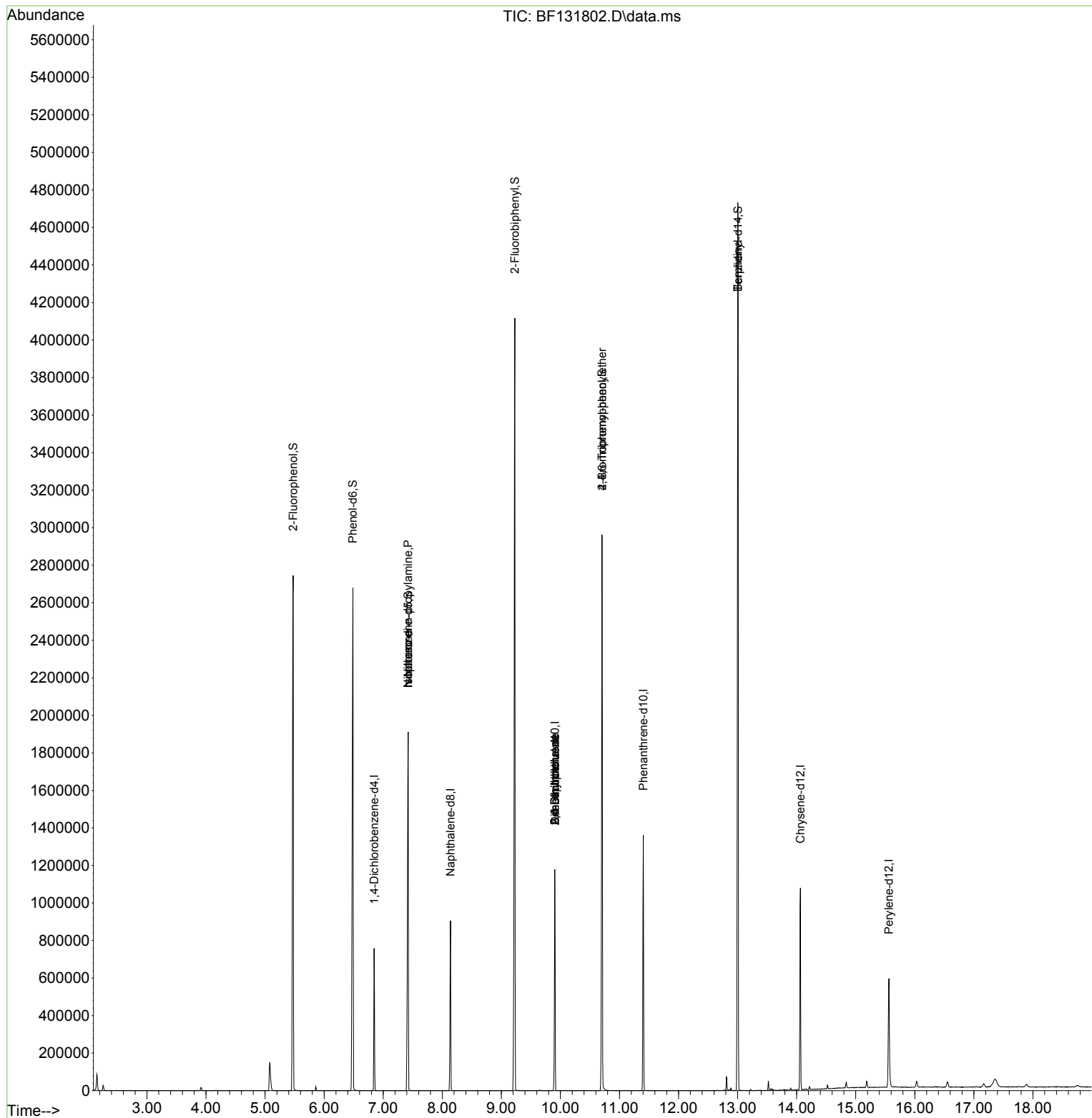
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	98546	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	374464	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	235531	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	467003	20.000	ng	0.00
76) Chrysene-d12	14.063	240	364823	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	276864	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	789080	134.833	ng	0.02
7) Phenol-d6	6.487	99	1014828	128.834	ng	0.00
23) Nitrobenzene-d5	7.422	82	735131	79.697	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	352804	136.853	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1349248	80.247	ng	0.00
79) Terphenyl-d14	13.004	244	1882327	80.413	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	2068	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.422	70	101438	17.856	ng	# 78
25) Isophorone	7.422	82	731368	46.688	ng	# 70
50) Dimethylphthalate	9.904	163	40831	2.304	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	29753	7.808	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	29753	5.810	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	25098	4.550	ng	# 1
77) Benzidine	13.004	184	28148	4.208	ng	# 90

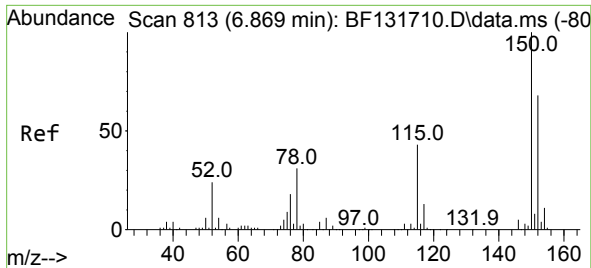
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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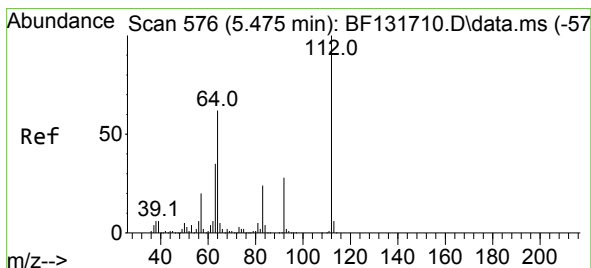
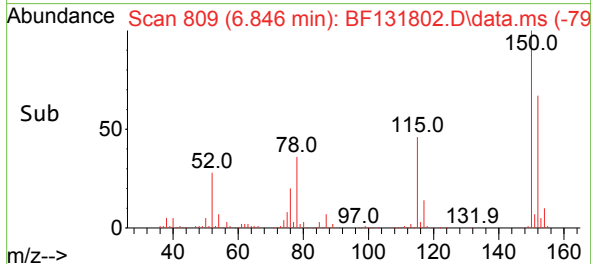
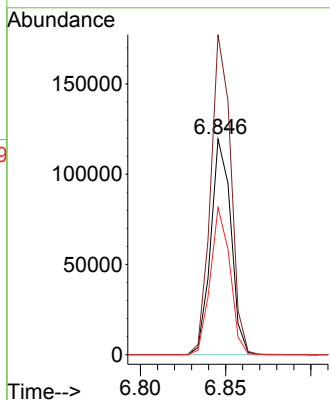
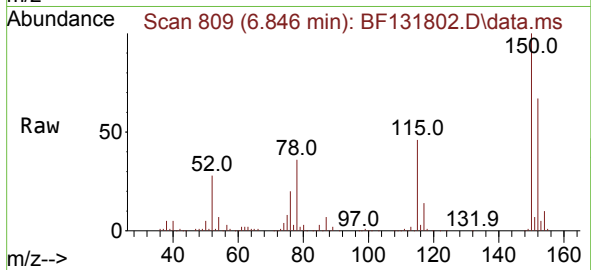




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF131802.D
Acq: 23 Dec 2022 11:38

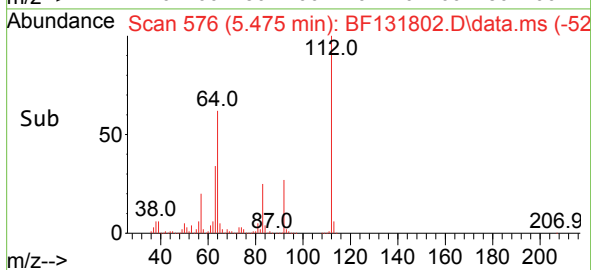
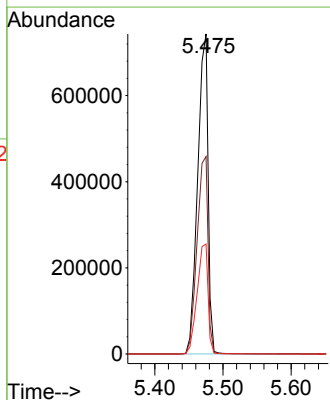
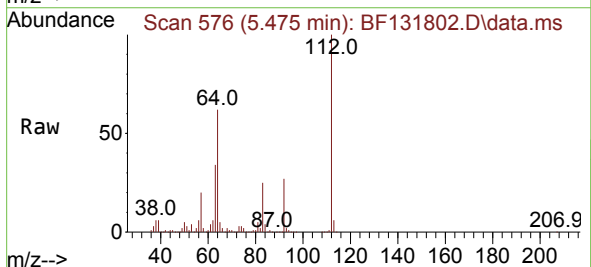
Instrument :
BNA_F
ClientSampleId :
PB149851BL

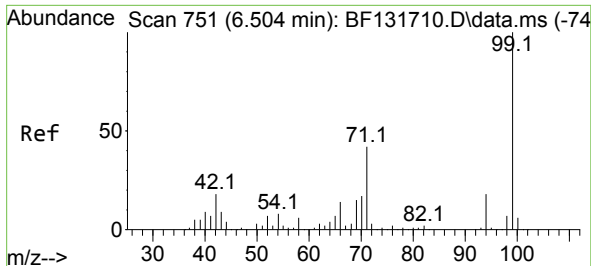
Tgt Ion:152 Resp: 98546
Ion Ratio Lower Upper
152 100
150 148.5 117.4 176.0
115 68.3 50.2 75.4



#5
2-Fluorophenol
Concen: 134.833 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF131802.D
Acq: 23 Dec 2022 11:38

Tgt Ion:112 Resp: 789080
Ion Ratio Lower Upper
112 100
64 61.7 49.5 74.3
63 34.4 28.2 42.2

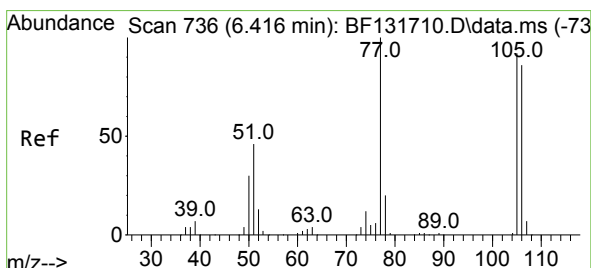
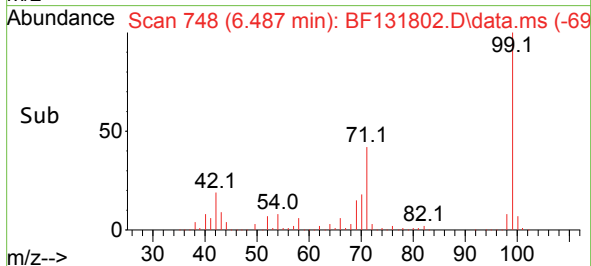
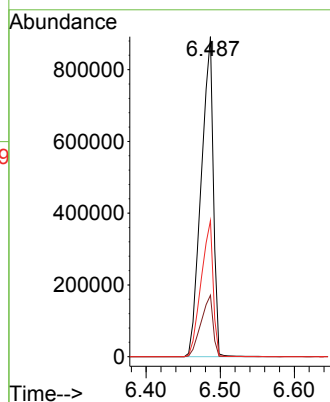
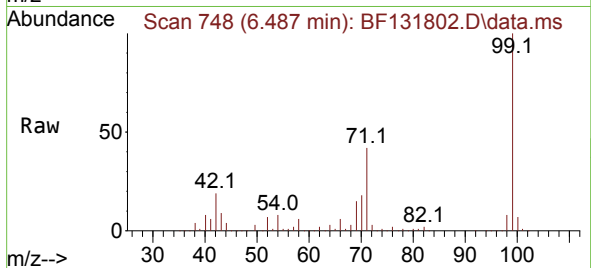




#7
Phenol-d6
Concen: 128.834 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF131802.D
Acq: 23 Dec 2022 11:38

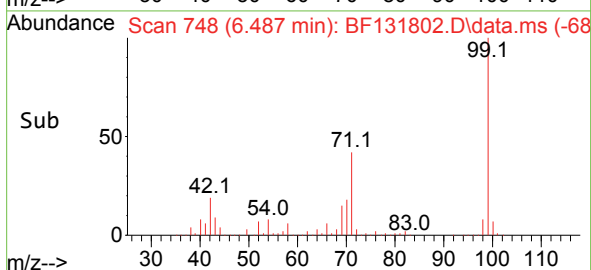
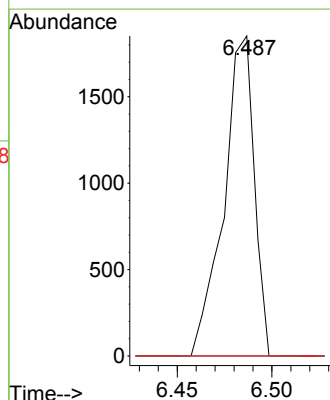
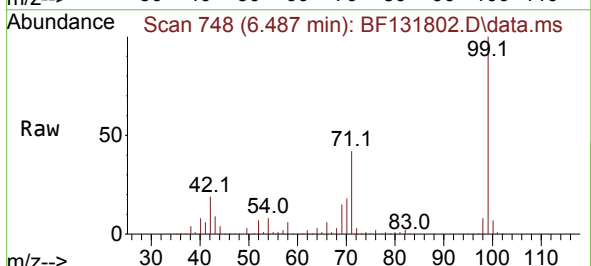
Instrument :
BNA_F
ClientSampleId :
PB149851BL

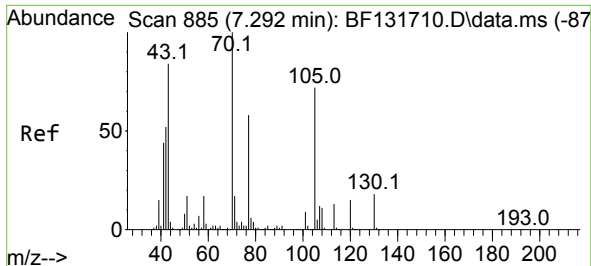
Tgt Ion: 99 Resp: 1014828
Ion Ratio Lower Upper
99 100
42 19.2 14.8 22.2
71 42.5 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 748
Delta R.T. 0.083 min
Lab File: BF131802.D
Acq: 23 Dec 2022 11:38

Tgt Ion: 77 Resp: 2068
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

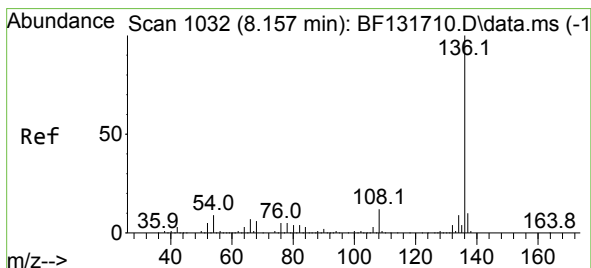
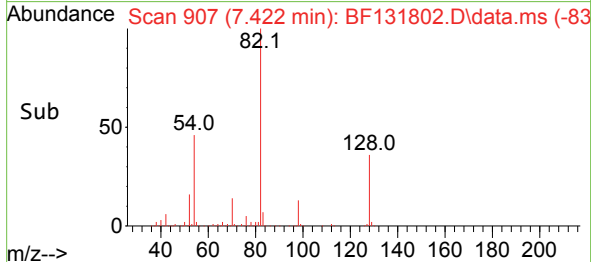
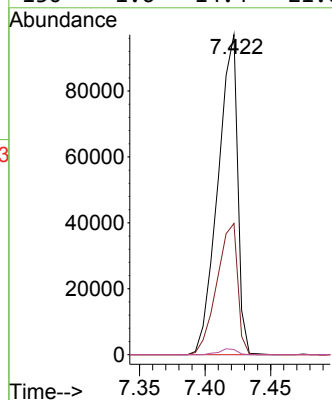
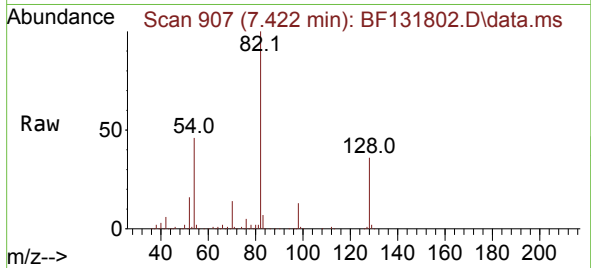




#19
n-Nitroso-di-n-propylamine
Concen: 17.856 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF131802.D
Acq: 23 Dec 2022 11:38

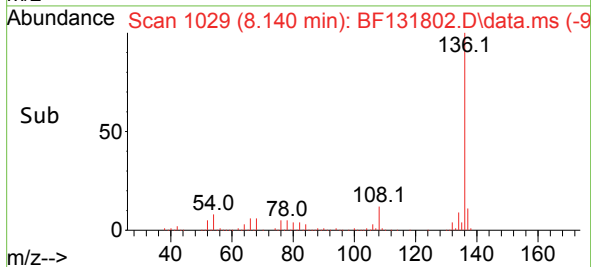
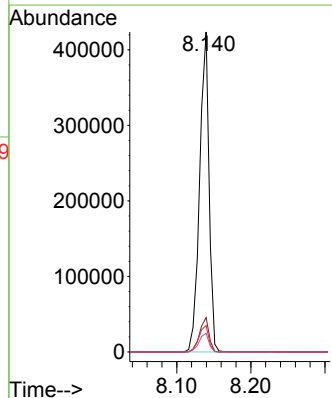
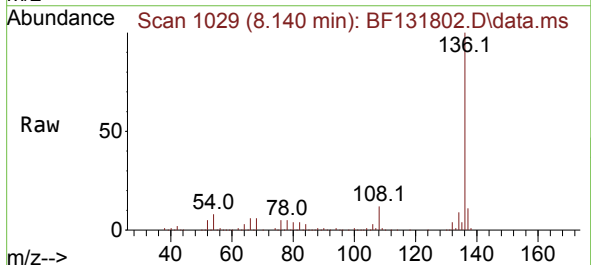
Instrument :
BNA_F
ClientSampleId :
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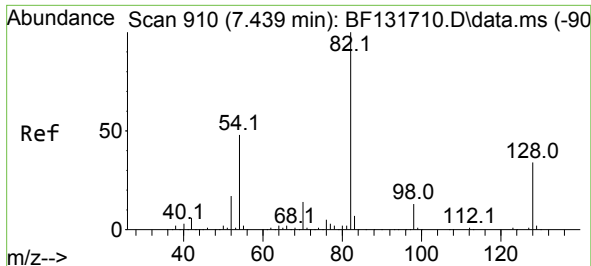
Tgt Ion: 70 Resp: 101438
Ion Ratio Lower Upper
70 100
42 41.0 41.5 62.3#
101 0.0 7.3 10.9#
130 1.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF131802.D
Acq: 23 Dec 2022 11:38

Tgt Ion:136 Resp: 374464
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.2 7.2 10.8
68 5.8 5.0 7.6

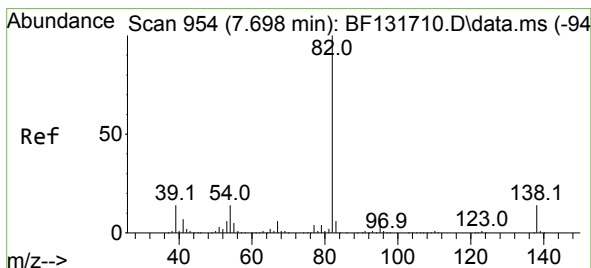
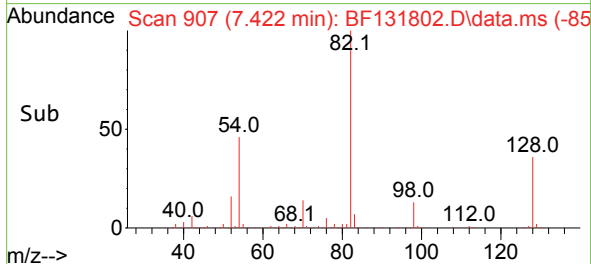
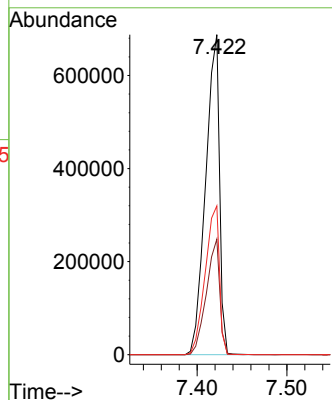
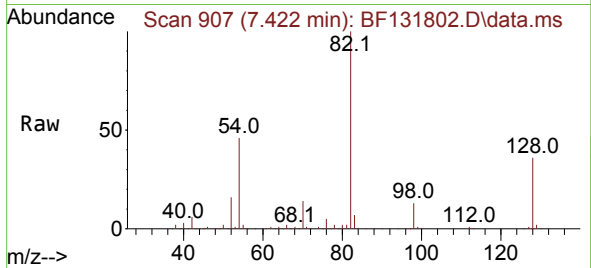




#23
Nitrobenzene-d5
Concen: 79.697 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF131802.D
Acq: 23 Dec 2022 11:38

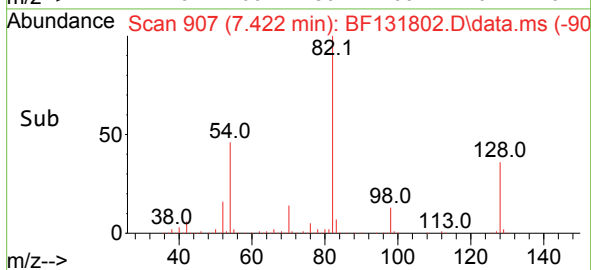
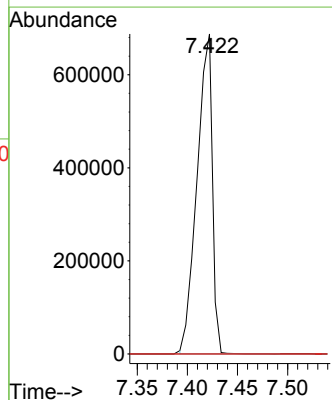
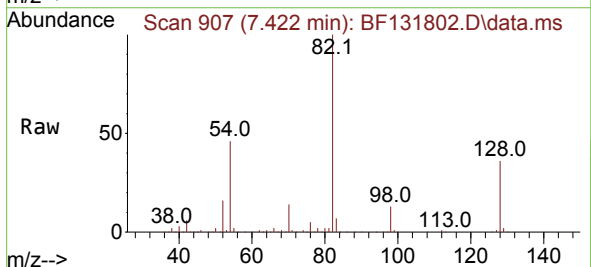
Instrument :
BNA_F
ClientSampleId :
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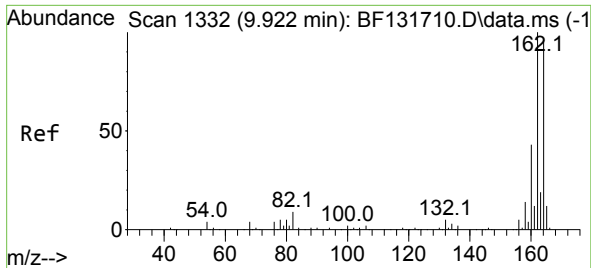
Tgt Ion: 82 Resp: 735131
Ion Ratio Lower Upper
82 100
128 36.1 27.3 40.9
54 46.5 38.2 57.2



#25
Isophorone
Concen: 46.688 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.264 min
Lab File: BF131802.D
Acq: 23 Dec 2022 11:38

Tgt Ion: 82 Resp: 731368
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.6 17.4#

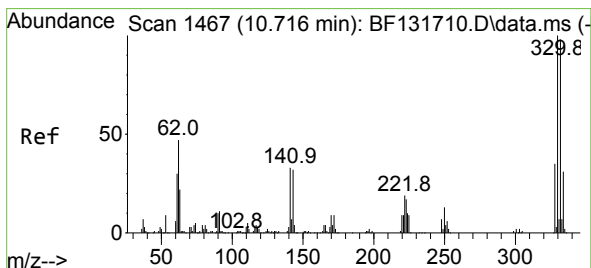
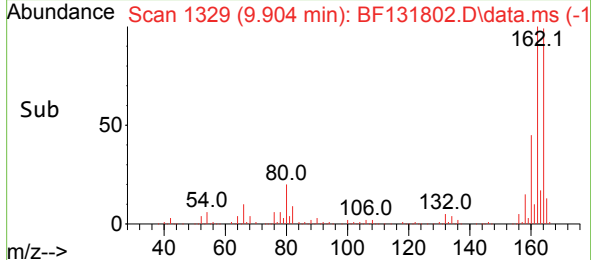
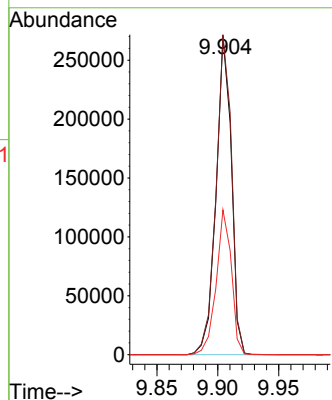
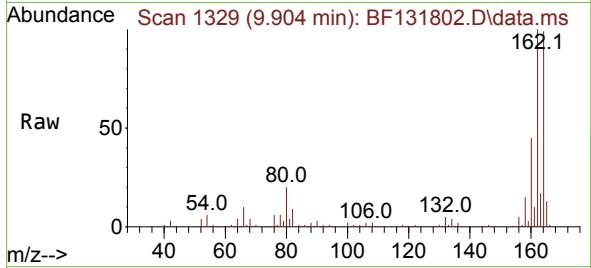




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131802.D
Acq: 23 Dec 2022 11:38

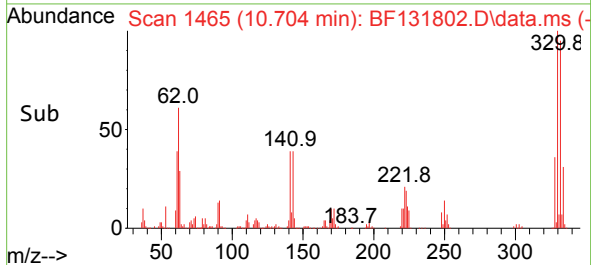
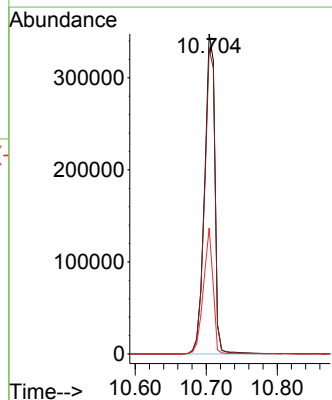
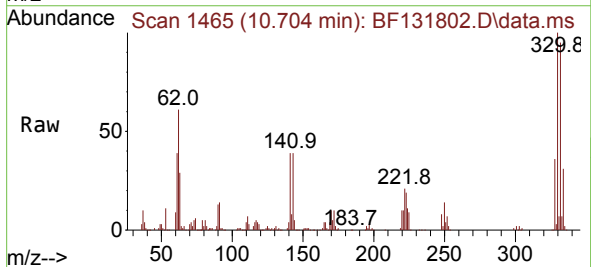
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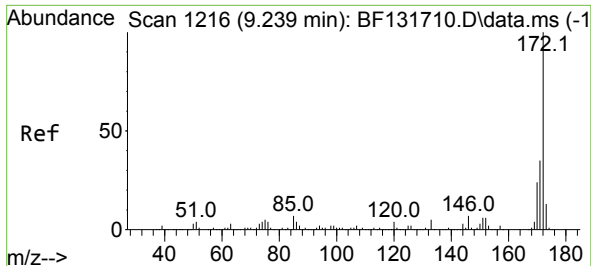
Tgt Ion:164 Resp: 235531
Ion Ratio Lower Upper
164 100
162 100.6 83.7 125.5
160 45.5 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 136.853 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF131802.D
Acq: 23 Dec 2022 11:38

Tgt Ion:330 Resp: 352804
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 36.9 30.4 45.6

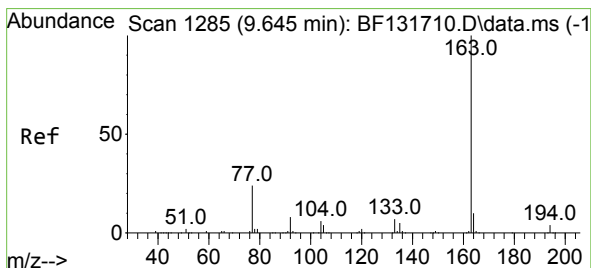
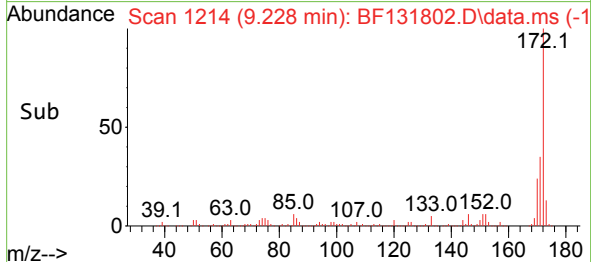
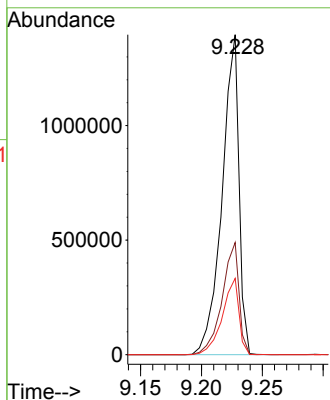
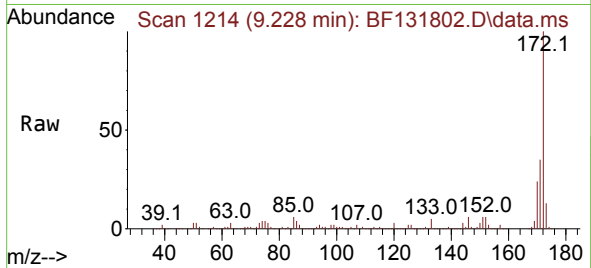




#45
2-Fluorobiphenyl
Concen: 80.247 ng
RT: 9.228 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF131802.D
Acq: 23 Dec 2022 11:38

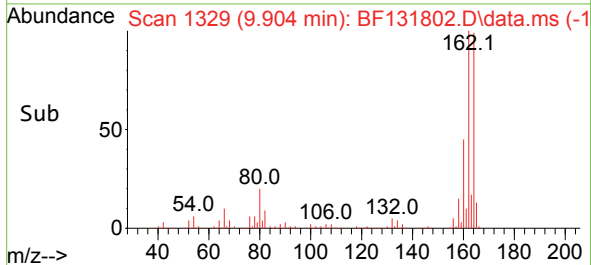
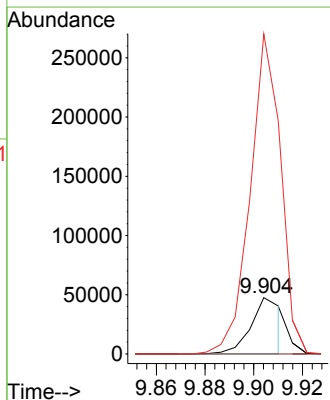
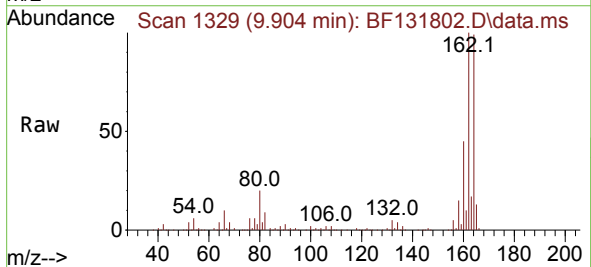
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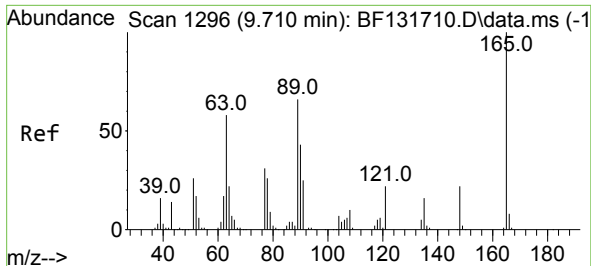
Tgt Ion:172 Resp: 1349248
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.8 19.0 28.4



#50
Dimethylphthalate
Concen: 2.304 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.265 min
Lab File: BF131802.D
Acq: 23 Dec 2022 11:38

Tgt Ion:163 Resp: 40831
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 568.7 8.2 12.4#

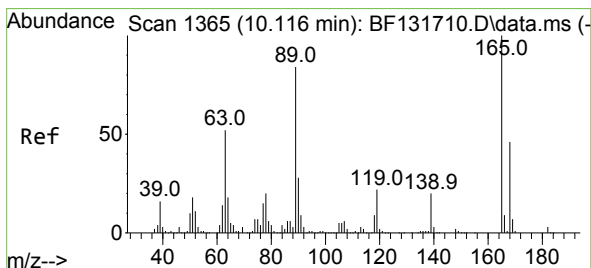
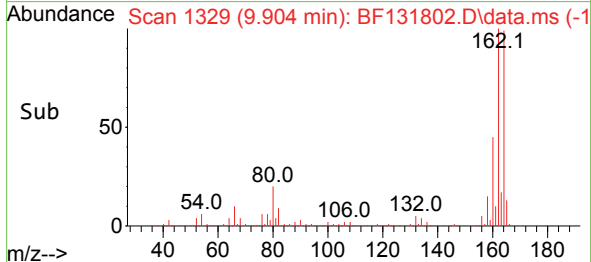
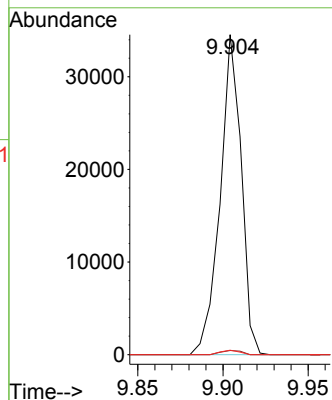
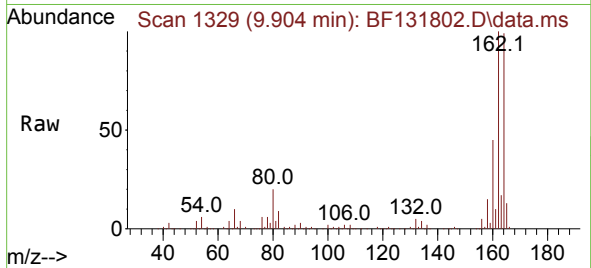




#51
2,6-Dinitrotoluene
Concen: 7.808 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF131802.D
Acq: 23 Dec 2022 11:38

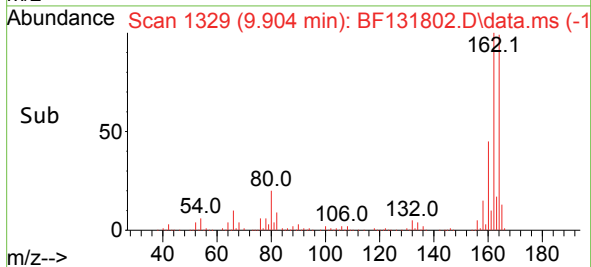
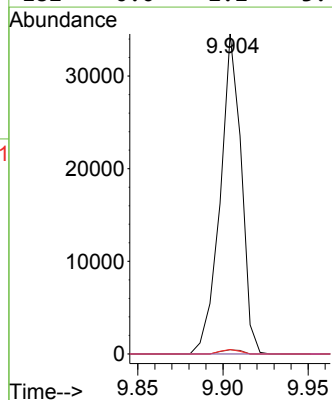
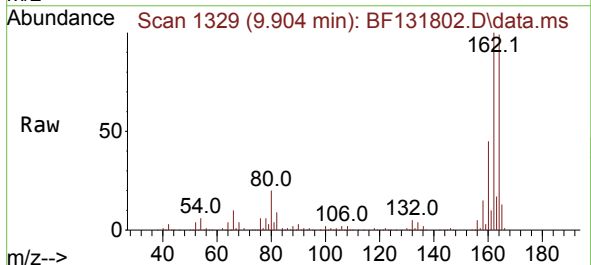
Instrument :
BNA_F
ClientSampleId :
PB149851BL

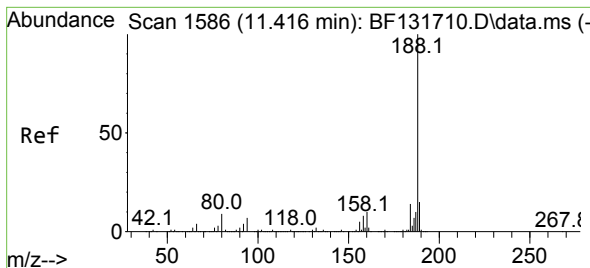
Tgt Ion:165 Resp: 29753
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.8#
89 1.4 53.2 79.8#



#57
2,4-Dinitrotoluene
Concen: 5.810 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.206 min
Lab File: BF131802.D
Acq: 23 Dec 2022 11:38

Tgt Ion:165 Resp: 29753
Ion Ratio Lower Upper
165 100
63 1.3 41.5 62.3#
89 1.4 67.0 100.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131802.D

Acq: 23 Dec 2022 11:38

Instrument :

BNA_F

ClientSampleId :

PB149851BL

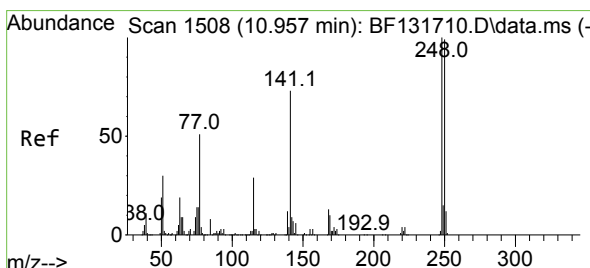
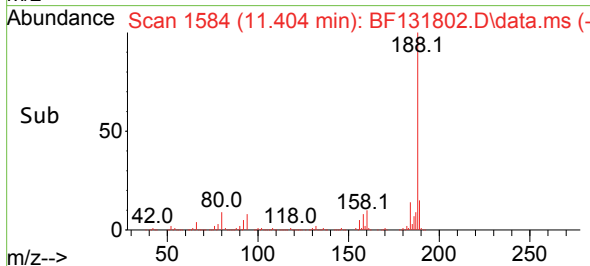
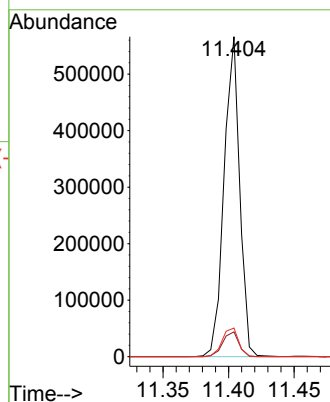
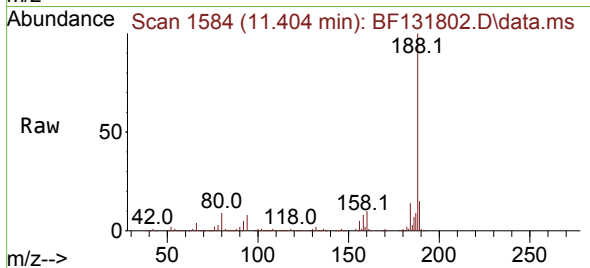
Tgt Ion:188 Resp: 467003

Ion Ratio Lower Upper

188 100

94 7.8 5.9 8.9

80 9.0 7.0 10.6



#67

4-Bromophenyl-phenylether

Concen: 4.550 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF131802.D

Acq: 23 Dec 2022 11:38

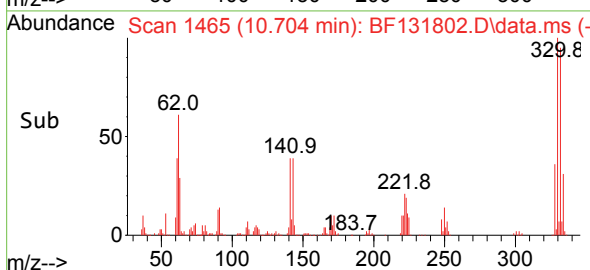
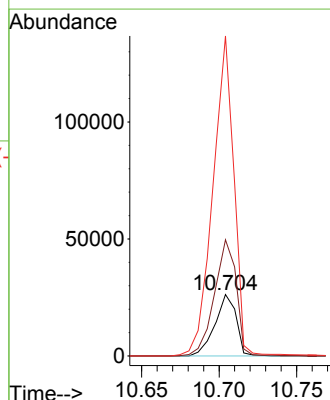
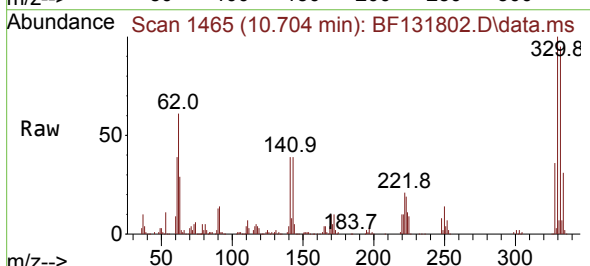
Tgt Ion:248 Resp: 25098

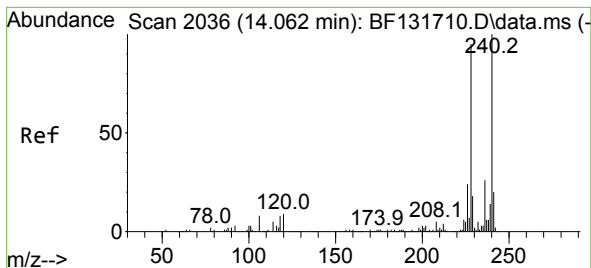
Ion Ratio Lower Upper

248 100

250 188.8 79.4 119.0#

141 520.1 58.1 87.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF131802.D

Acq: 23 Dec 2022 11:38

Instrument :

BNA_F

ClientSampleId :

PB149851BL

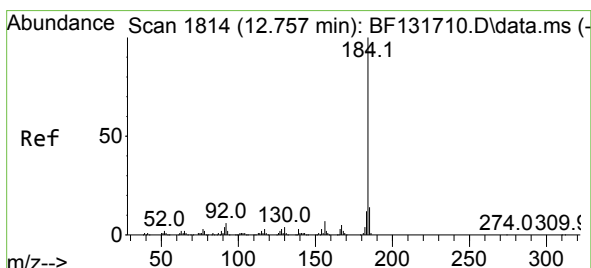
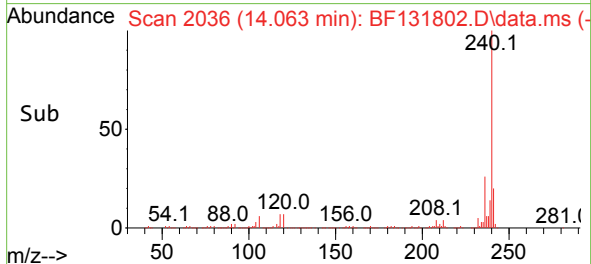
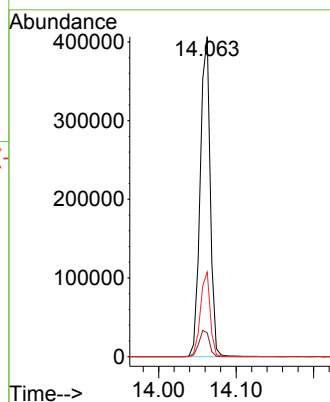
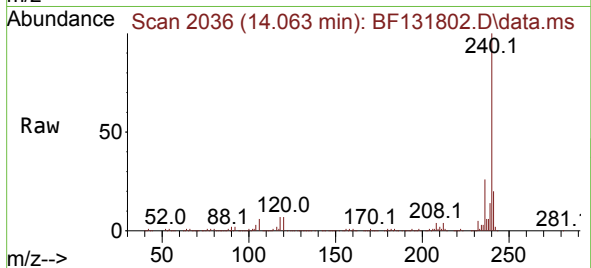
Tgt Ion:240 Resp: 364823

Ion Ratio Lower Upper

240 100

120 7.5 7.6 11.4#

236 26.5 21.2 31.8



#77

Benzidine

Concen: 4.208 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.253 min

Lab File: BF131802.D

Acq: 23 Dec 2022 11:38

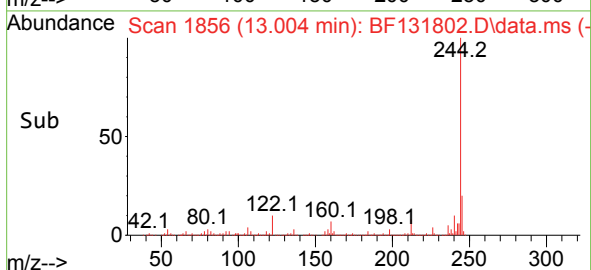
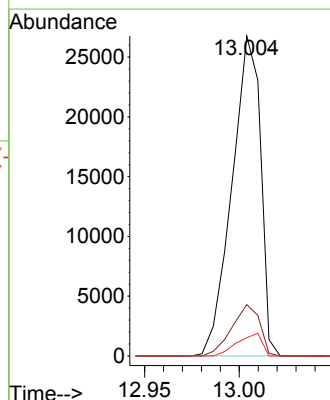
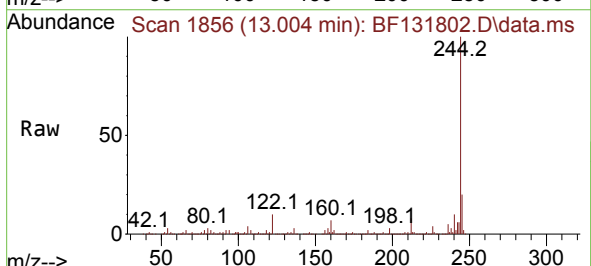
Tgt Ion:184 Resp: 28148

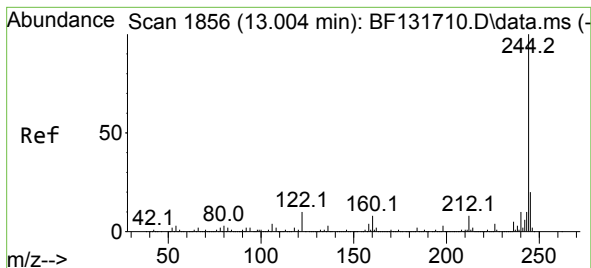
Ion Ratio Lower Upper

184 100

185 16.1 11.3 16.9

183 5.7 9.3 13.9#





#79

Terphenyl-d14

Concen: 80.413 ng

RT: 13.004 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131802.D

Acq: 23 Dec 2022 11:38

Instrument :

BNA_F

ClientSampleId :

PB149851BL

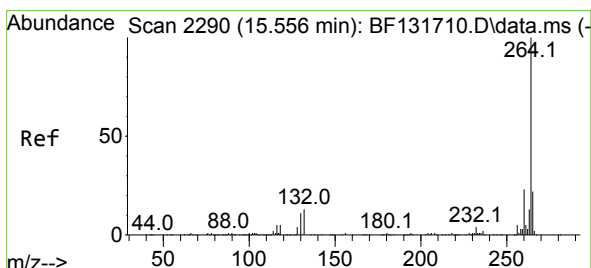
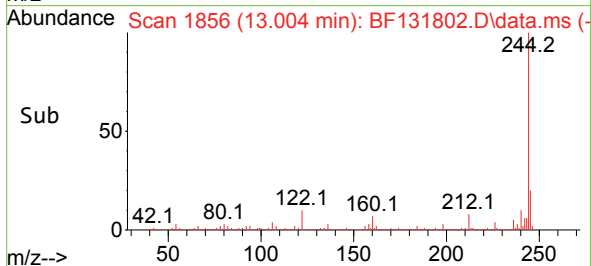
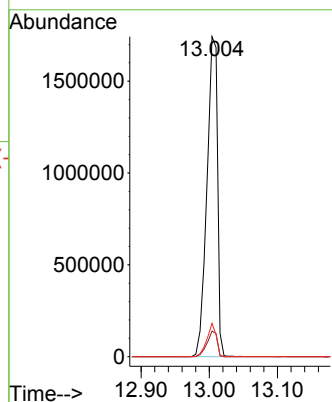
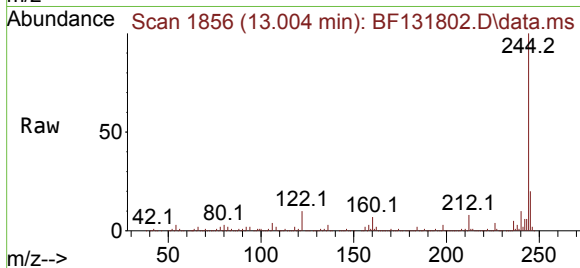
Tgt Ion:244 Resp: 1882327

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 10.4 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2291

Delta R.T. 0.000 min

Lab File: BF131802.D

Acq: 23 Dec 2022 11:38

Tgt Ion:264 Resp: 276864

Ion Ratio Lower Upper

264 100

260 24.4 18.6 28.0

265 21.8 17.4 26.2

