

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131780.D
 Acq On : 22 Dec 2022 16:52
 Operator : CG\JU
 Sample : PB149800TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149800TB

Quant Time: Dec 23 03:31:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 03:03:57 2022
 Response via : Initial Calibration

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

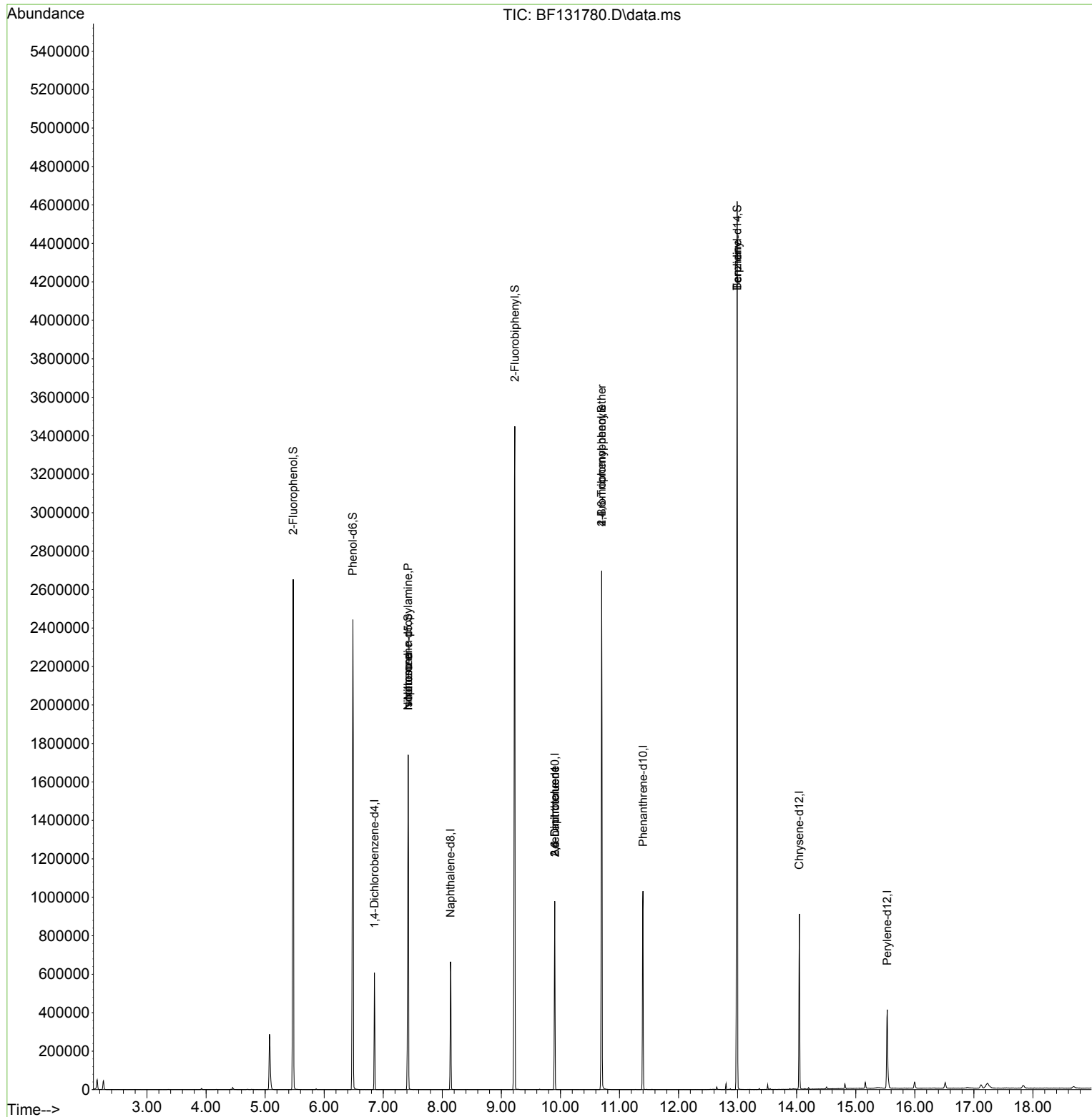
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	78042	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	291293	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	184181	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	381237	20.000	ng	0.00
76) Chrysene-d12	14.045	240	292092	20.000	ng	0.00
86) Perylene-d12	15.533	264	188101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	721514	155.679	ng	0.02
7) Phenol-d6	6.486	99	929950	149.076	ng	0.00
23) Nitrobenzene-d5	7.422	82	649448	90.511	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	305598	151.591	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1176756	89.500	ng	0.00
79) Terphenyl-d14	12.992	244	1683433	89.824	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	1807	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.422	70	89580	19.911	ng	# 80
25) Isophorone	7.422	82	649439	53.295	ng	# 70
51) 2,6-Dinitrotoluene	9.904	165	23251	7.802	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	23251	5.807	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	22014	4.889	ng	# 1
77) Benzydine	12.992	184	25235	4.712	ng	# 91

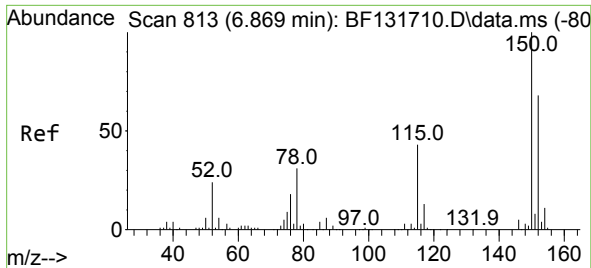
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
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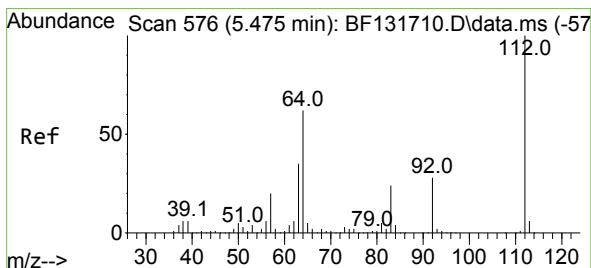
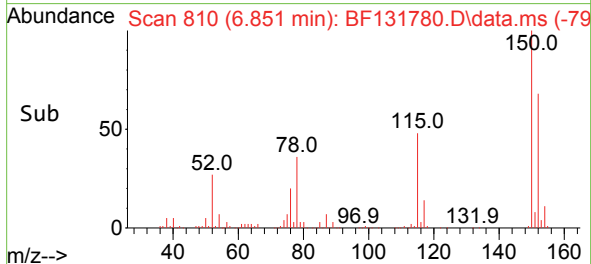
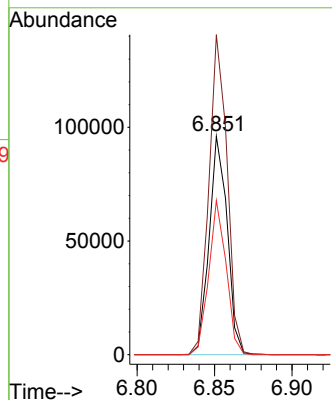
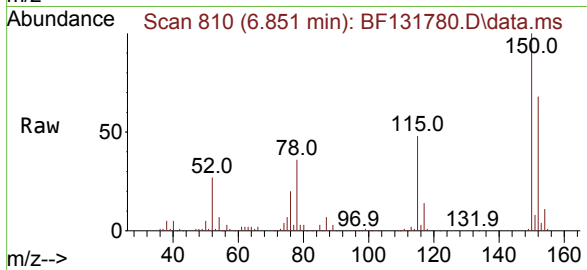




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

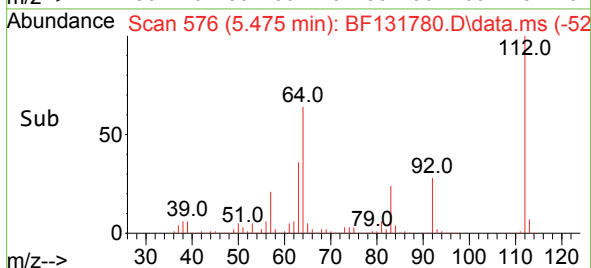
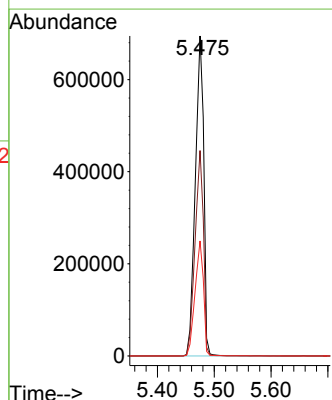
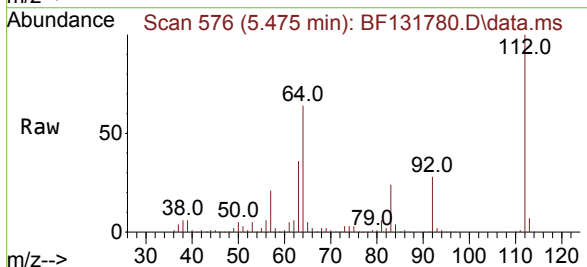
Instrument :
BNA_F
ClientSampleId :
PB149800TB

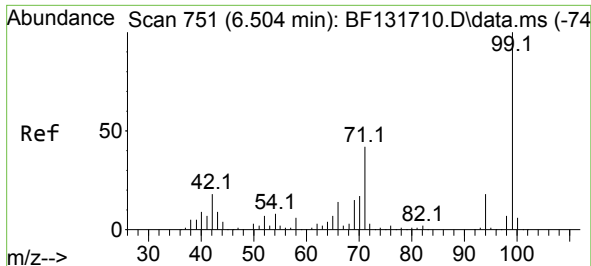
Tgt Ion:152 Resp: 78042
Ion Ratio Lower Upper
152 100
150 146.5 117.4 176.0
115 70.6 50.2 75.4



#5
2-Fluorophenol
Concen: 155.679 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.017 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

Tgt Ion:112 Resp: 721514
Ion Ratio Lower Upper
112 100
64 64.2 49.5 74.3
63 35.9 28.2 42.2

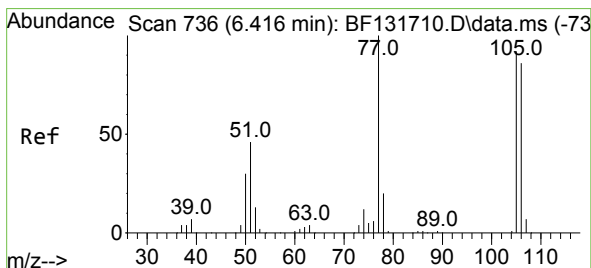
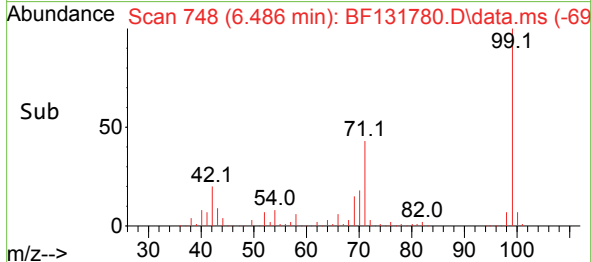
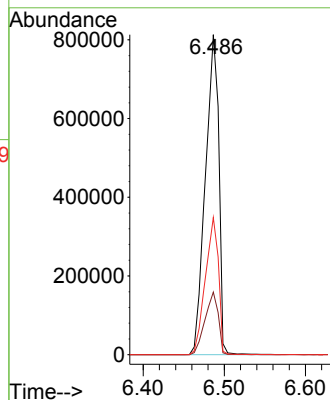
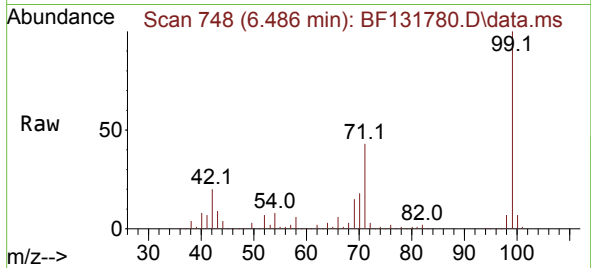




#7
Phenol-d6
Concen: 149.076 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

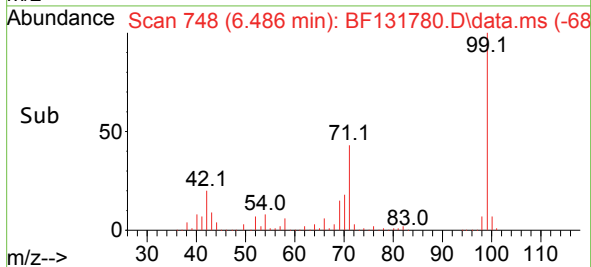
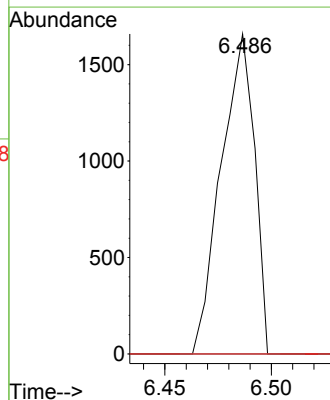
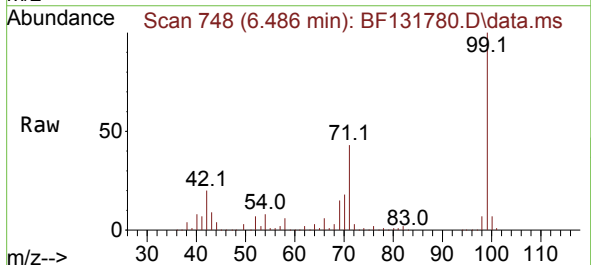
Instrument :
BNA_F
ClientSampleId :
PB149800TB

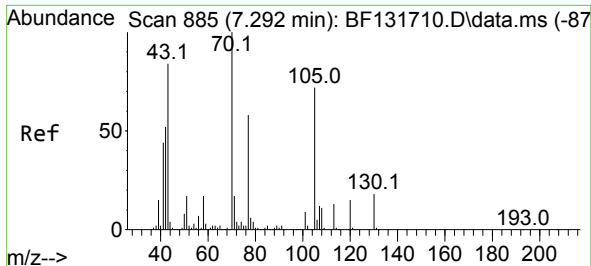
Tgt Ion: 99 Resp: 929950
Ion Ratio Lower Upper
99 100
42 19.5 14.8 22.2
71 42.8 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.486 min Scan# 748
Delta R.T. 0.082 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

Tgt Ion: 77 Resp: 1807
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

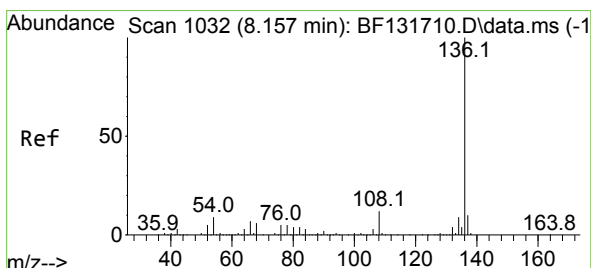
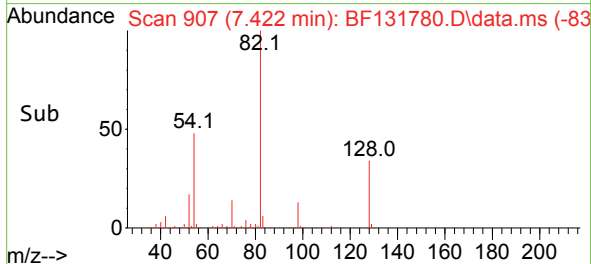
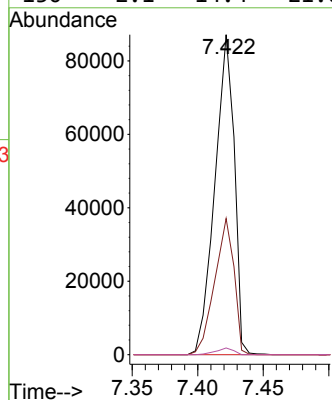
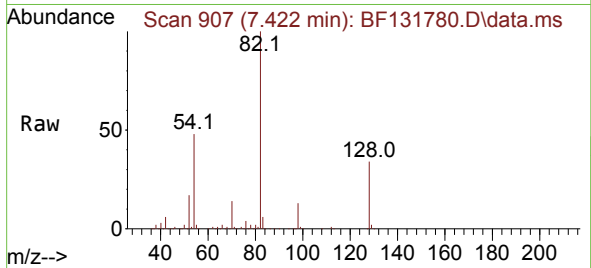




#19
n-Nitroso-di-n-propylamine
Concen: 19.911 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

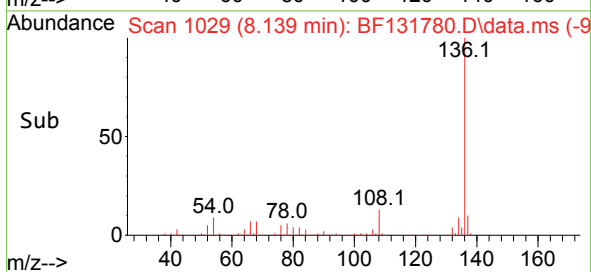
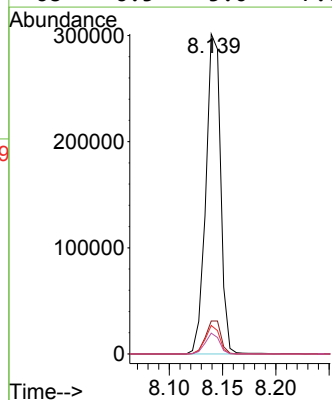
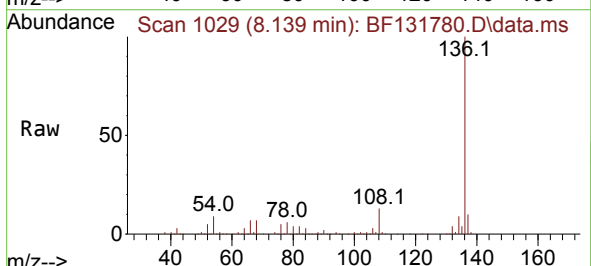
Instrument :
BNA_F
ClientSampleId :
PB149800TB

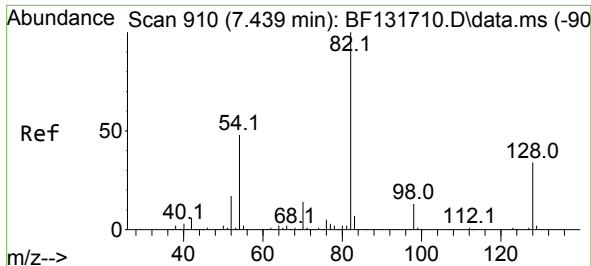
Tgt Ion: 70 Resp: 89580
Ion Ratio Lower Upper
70 100
42 42.6 41.5 62.3
101 0.0 7.3 10.9#
130 2.1 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

Tgt Ion: 136 Resp: 291293
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 8.9 7.2 10.8
68 6.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 90.511 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF131780.D

Acq: 22 Dec 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB149800TB

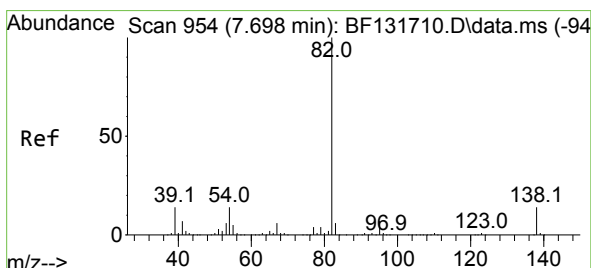
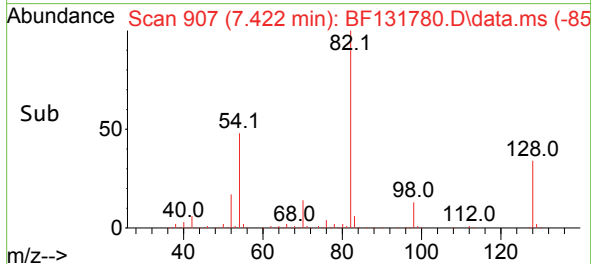
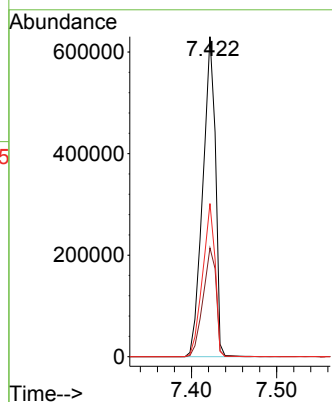
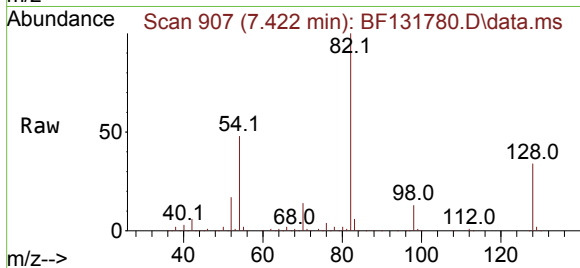
Tgt Ion: 82 Resp: 649448

Ion Ratio Lower Upper

82 100

128 34.0 27.3 40.9

54 47.9 38.2 57.2



#25

Isophorone

Concen: 53.295 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.265 min

Lab File: BF131780.D

Acq: 22 Dec 2022 16:52

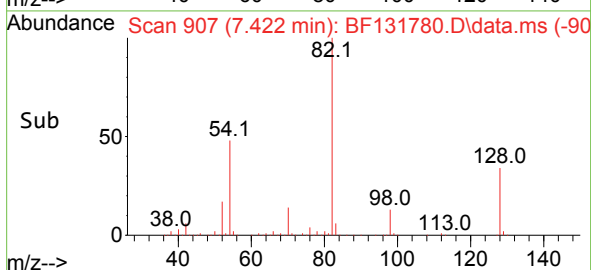
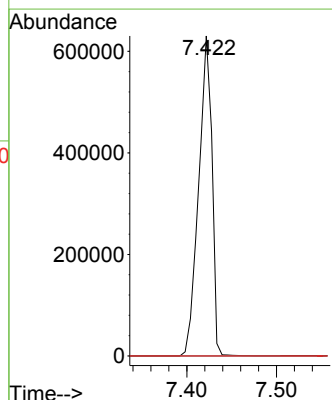
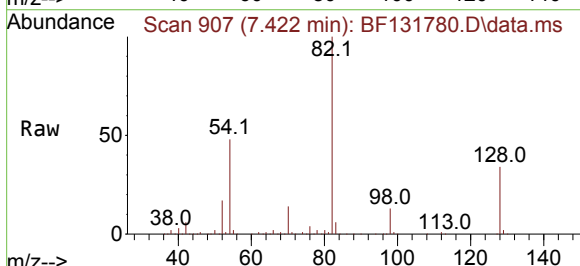
Tgt Ion: 82 Resp: 649439

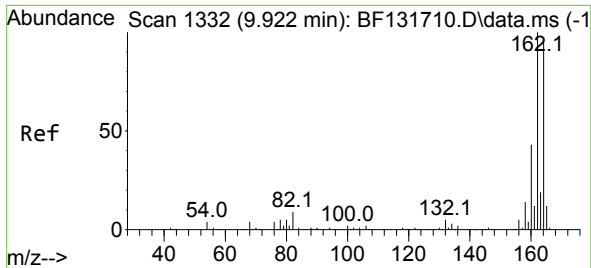
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.6 17.4#

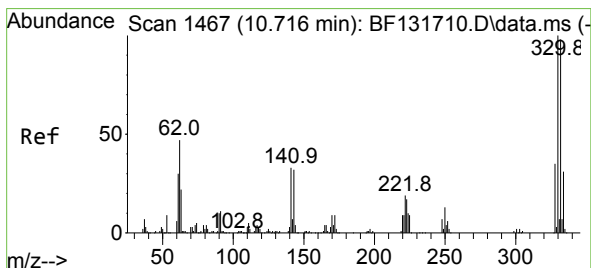
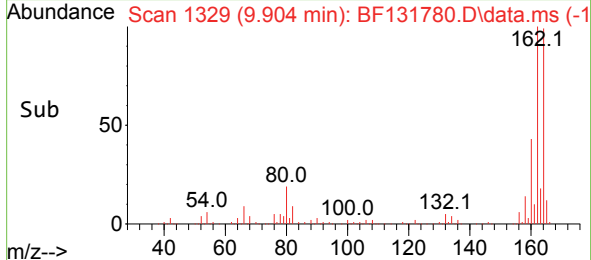
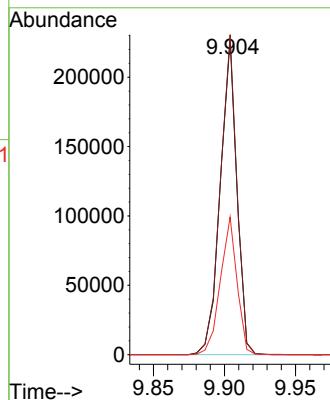
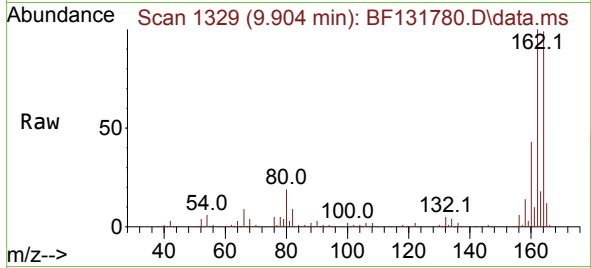




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

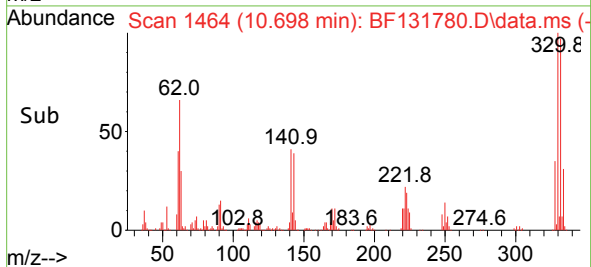
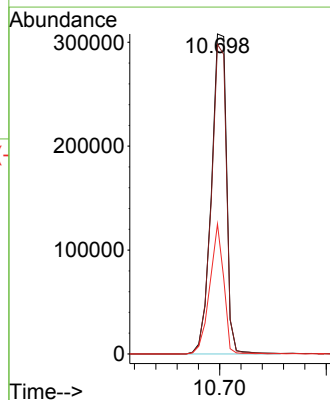
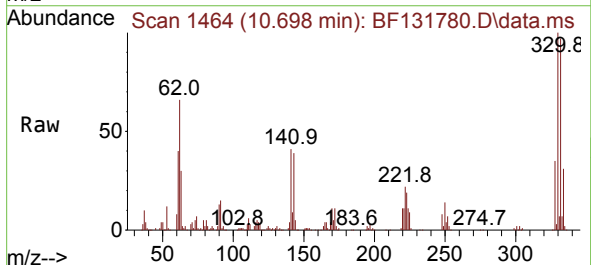
Instrument :
BNA_F
ClientSampleId :
PB149800TB

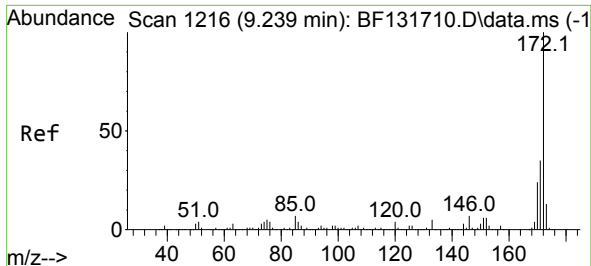
Tgt Ion:164 Resp: 184181
Ion Ratio Lower Upper
164 100
162 101.4 83.7 125.5
160 43.7 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 151.591 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

Tgt Ion:330 Resp: 305598
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 37.3 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 89.500 ng

RT: 9.227 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131780.D

Acq: 22 Dec 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB149800TB

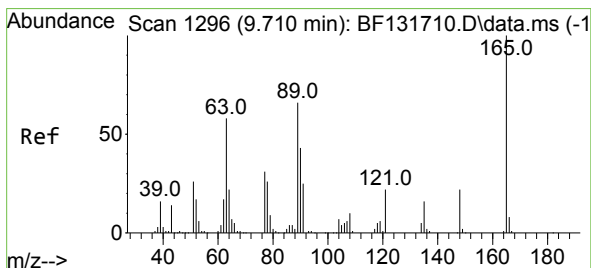
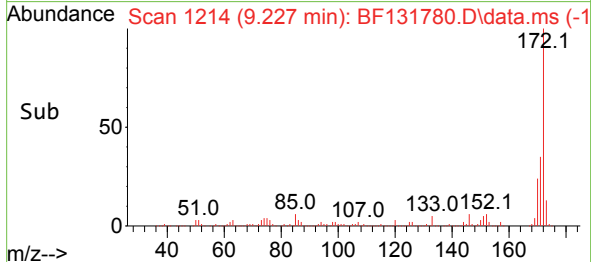
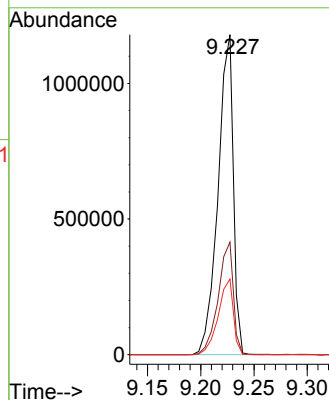
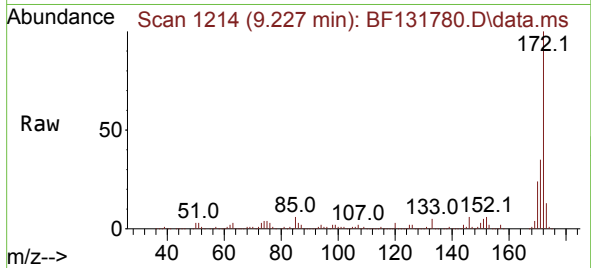
Tgt Ion:172 Resp: 1176756

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.6 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.802 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.206 min

Lab File: BF131780.D

Acq: 22 Dec 2022 16:52

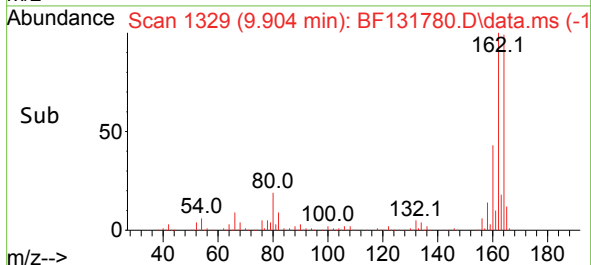
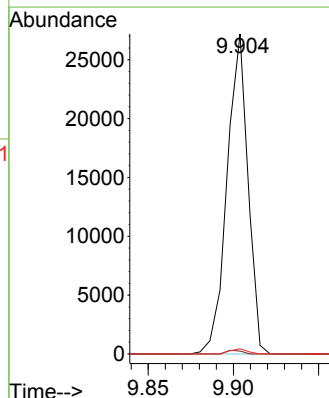
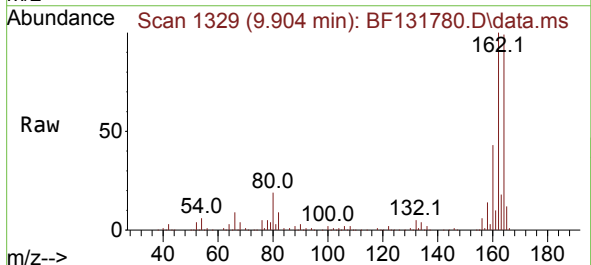
Tgt Ion:165 Resp: 23251

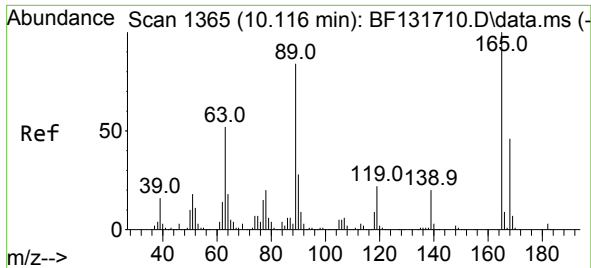
Ion Ratio Lower Upper

165 100

63 0.9 51.8 77.8#

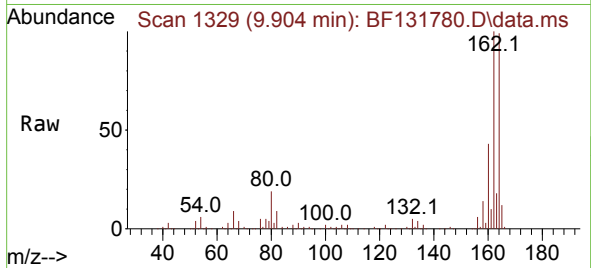
89 1.6 53.2 79.8#



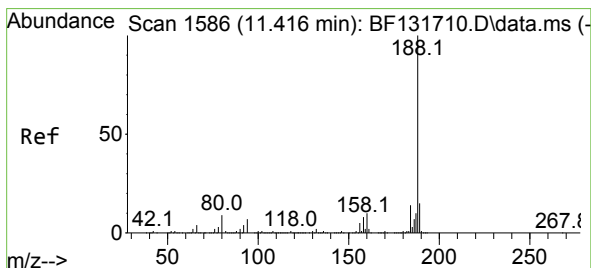
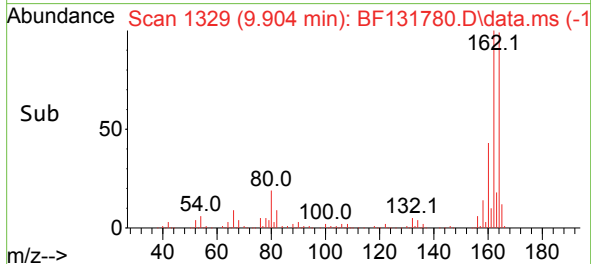
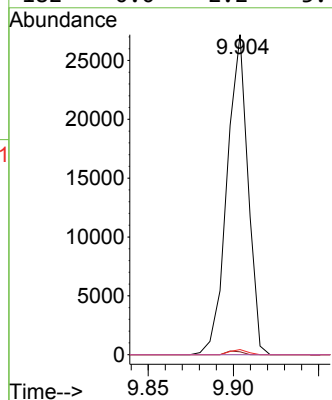


#57
2,4-Dinitrotoluene
Concen: 5.807 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

Instrument :
BNA_F
ClientSampleId :
PB149800TB

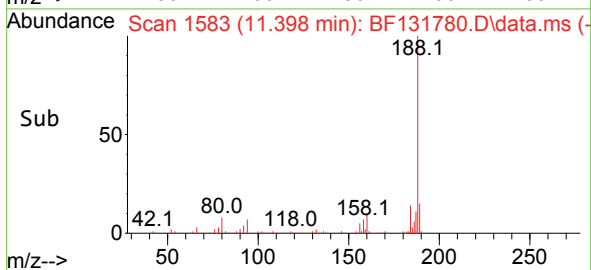
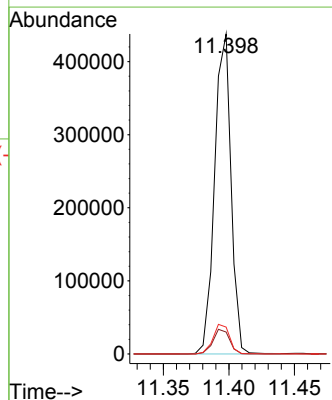
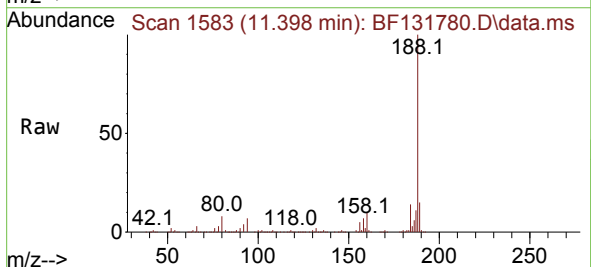


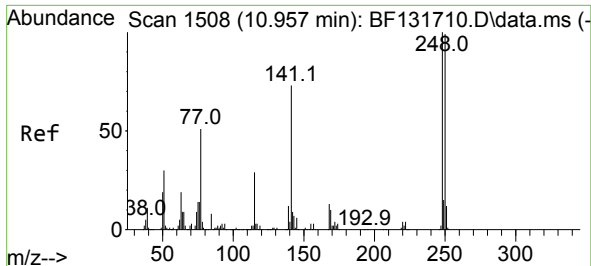
Tgt Ion:165 Resp: 23251
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.6 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

Tgt Ion:188 Resp: 381237
Ion Ratio Lower Upper
188 100
94 6.9 5.9 8.9
80 8.4 7.0 10.6

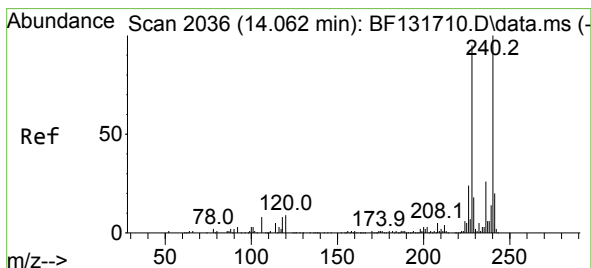
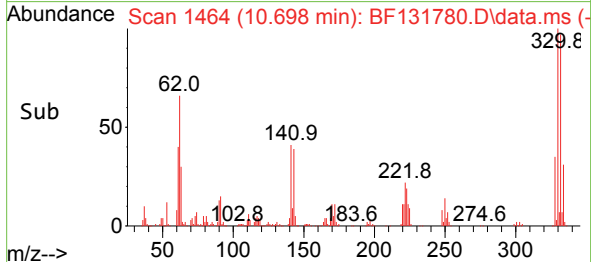
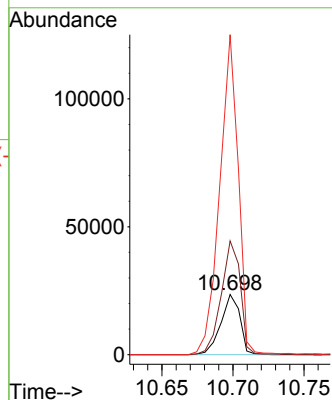
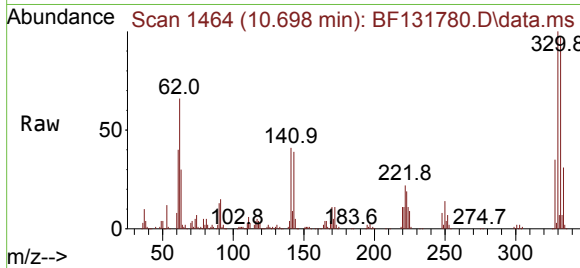




#67
4-Bromophenyl-phenylether
Concen: 4.889 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

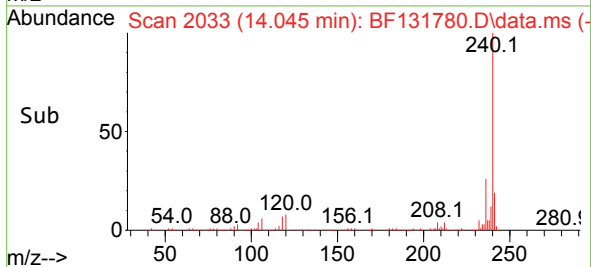
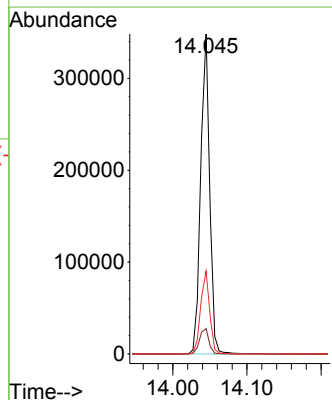
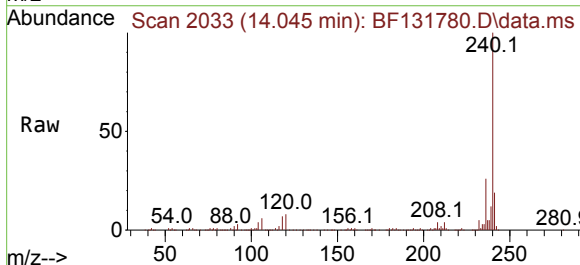
Instrument :
BNA_F
ClientSampleId :
PB149800TB

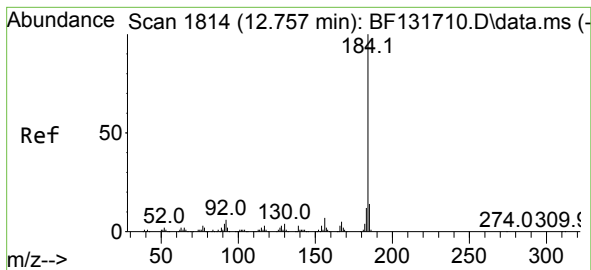
Tgt Ion:248 Resp: 22014
Ion Ratio Lower Upper
248 100
250 189.2 79.4 119.0#
141 532.4 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

Tgt Ion:240 Resp: 292092
Ion Ratio Lower Upper
240 100
120 7.9 7.6 11.4
236 25.9 21.2 31.8





#77

Benzidine

Concen: 4.712 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF131780.D

Acq: 22 Dec 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB149800TB

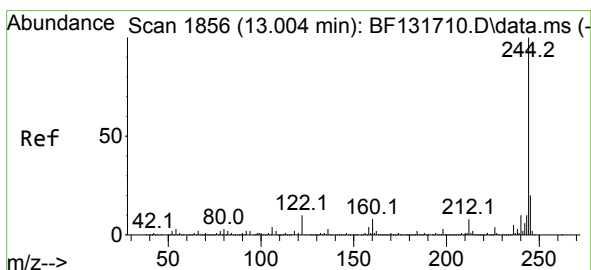
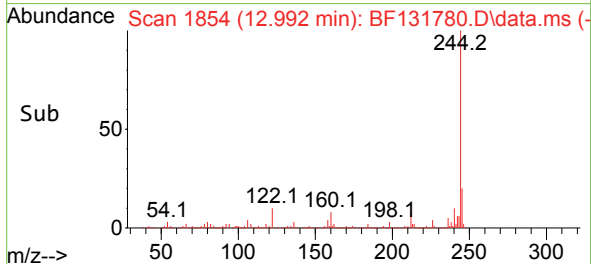
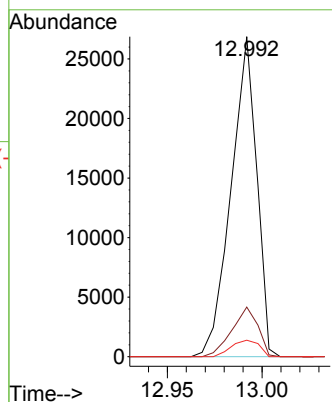
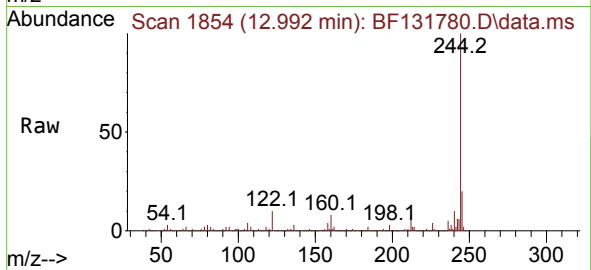
Tgt Ion:184 Resp: 25235

Ion Ratio Lower Upper

184 100

185 15.5 11.3 16.9

183 5.2 9.3 13.9#



#79

Terphenyl-d14

Concen: 89.824 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF131780.D

Acq: 22 Dec 2022 16:52

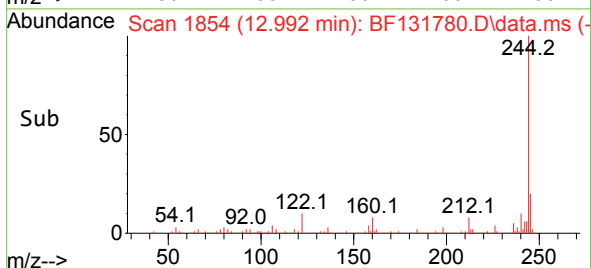
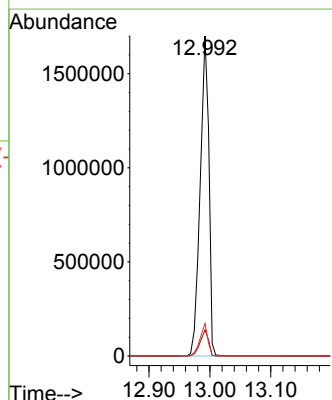
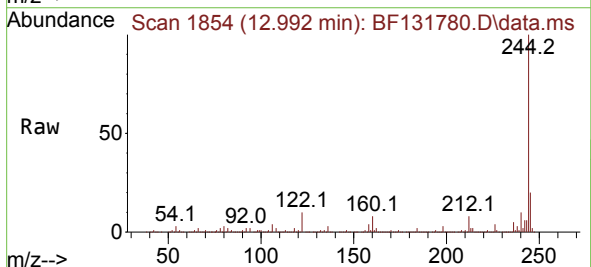
Tgt Ion:244 Resp: 1683433

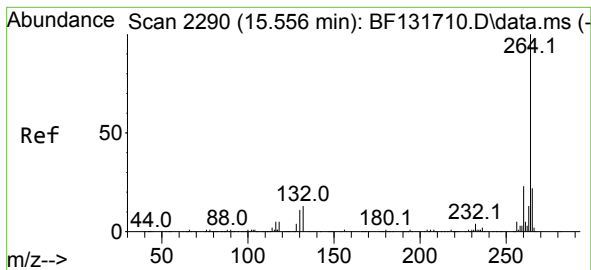
Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

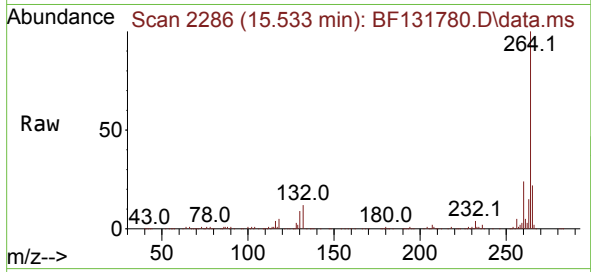
122 10.1 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

Instrument :
BNA_F
ClientSampleId :
PB149800TB



Tgt Ion:264 Resp: 188101
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.4 17.4 26.2

