

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131632.D
 Acq On : 14 Dec 2022 15:47
 Operator : CG\JU
 Sample : PB149516TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149516TB

Quant Time: Dec 15 01:54:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

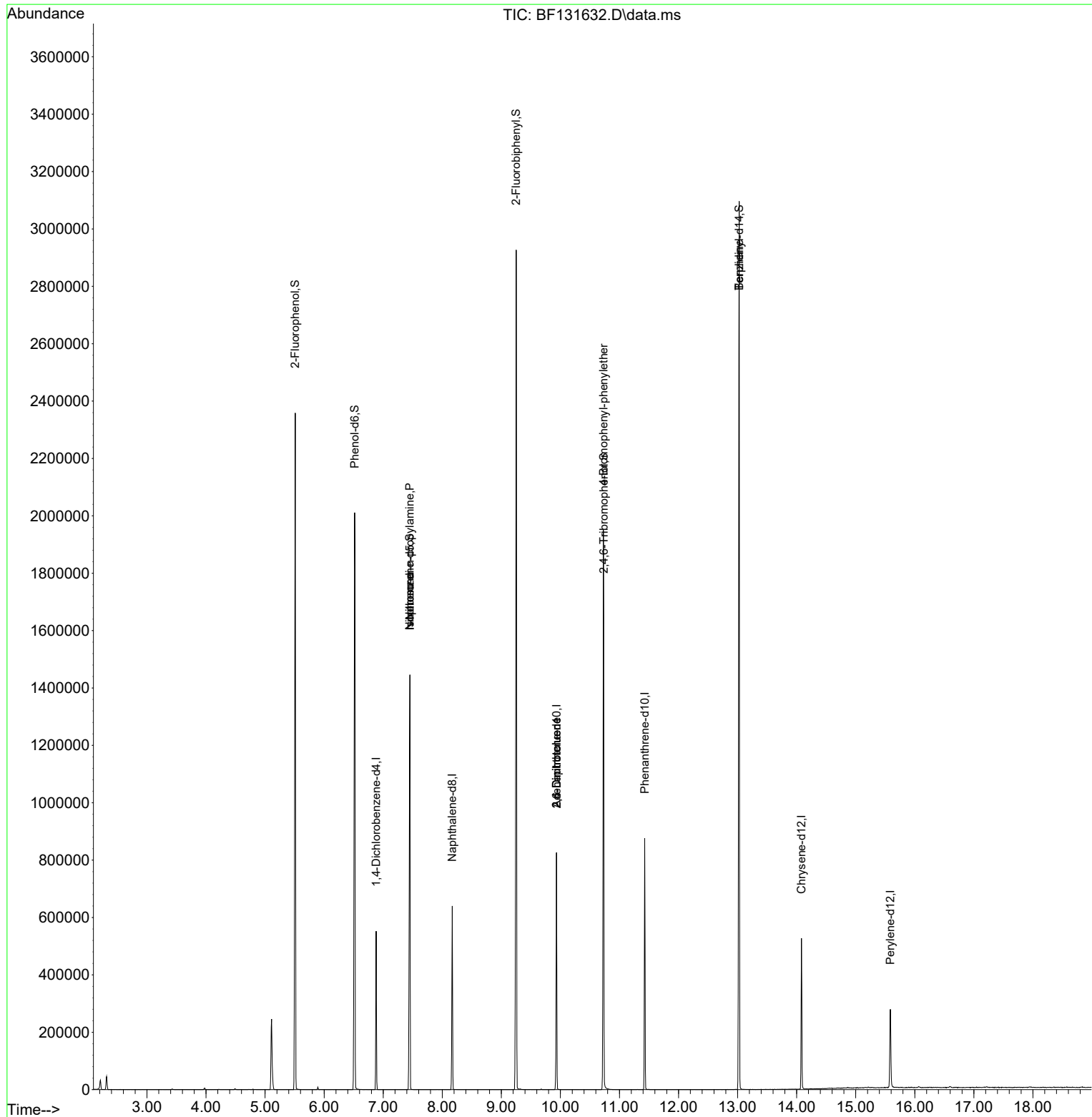
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69199	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	254958	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	151381	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	295584	20.000	ng	0.00
76) Chrysene-d12	14.080	240	173449	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	135804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	593883	143.176	ng	0.01
7) Phenol-d6	6.516	99	774248	142.442	ng	0.00
23) Nitrobenzene-d5	7.451	82	526767	78.112	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	224688	133.593	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	944372	78.658	ng	0.00
79) Terphenyl-d14	13.027	244	1099268	86.915	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	73808	18.109	ng	# 75
25) Isophorone	7.451	82	526763	48.494	ng	# 69
51) 2,6-Dinitrotoluene	9.934	165	19682	8.261	ng	# 10
57) 2,4-Dinitrotoluene	9.934	165	19682	6.228	ng	# 16
67) 4-Bromophenyl-phenylether	10.728	248	15910	4.184	ng	# 1
77) Benzidine	13.027	184	16367	3.522	ng	# 94

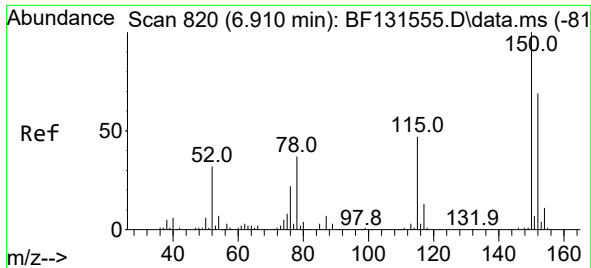
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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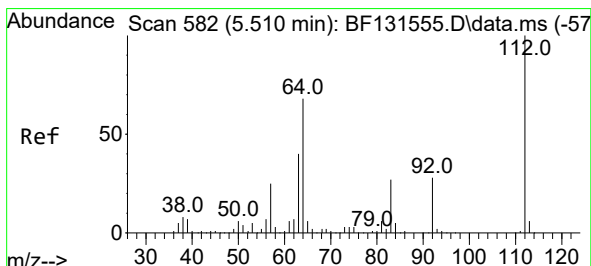
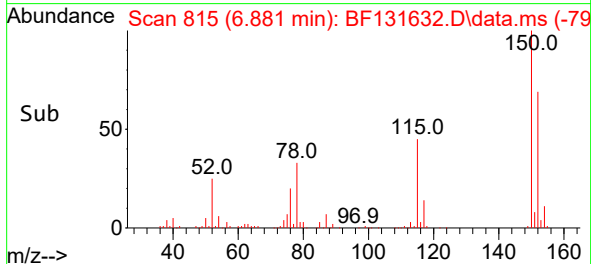
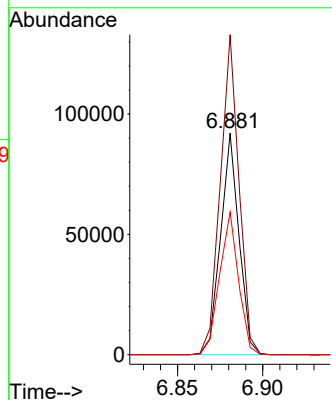
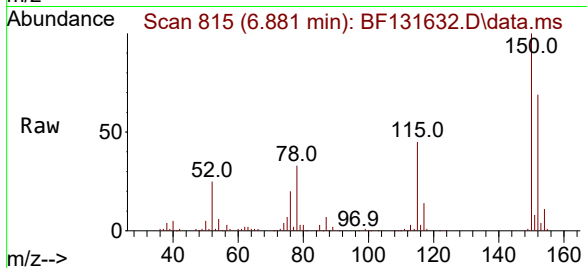




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BF131632.D
 Acq: 14 Dec 2022 15:47

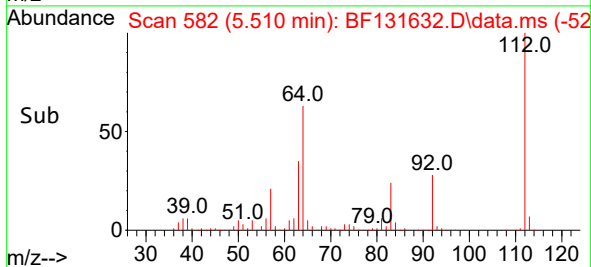
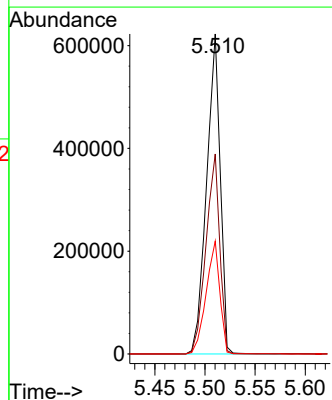
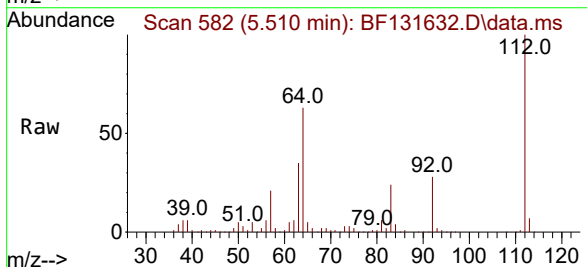
Instrument :
 BNA_F
 ClientSampleId :
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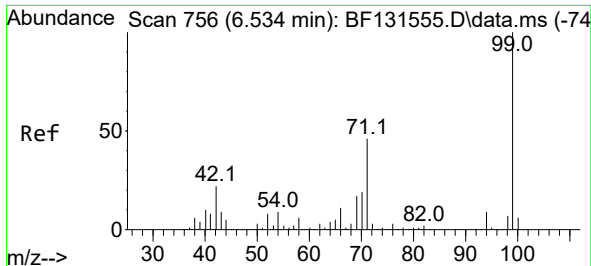
Tgt Ion:152 Resp: 69199
 Ion Ratio Lower Upper
 152 100
 150 144.5 116.7 175.1
 115 64.5 54.6 82.0



#5
 2-Fluorophenol
 Concen: 143.176 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.012 min
 Lab File: BF131632.D
 Acq: 14 Dec 2022 15:47

Tgt Ion:112 Resp: 593883
 Ion Ratio Lower Upper
 112 100
 64 62.5 54.5 81.7
 63 35.3 31.9 47.9

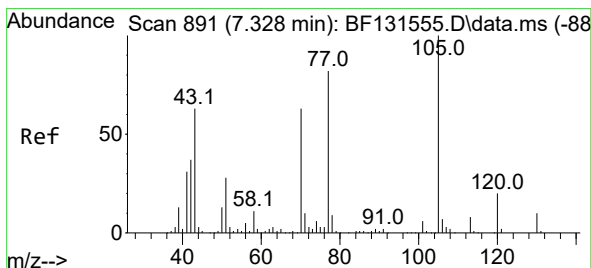
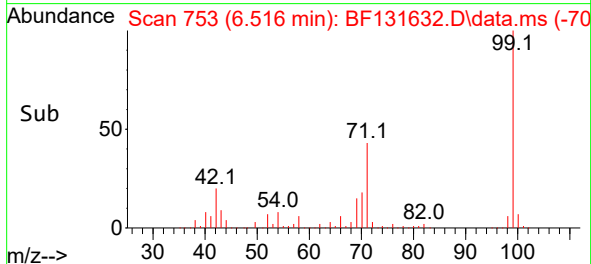
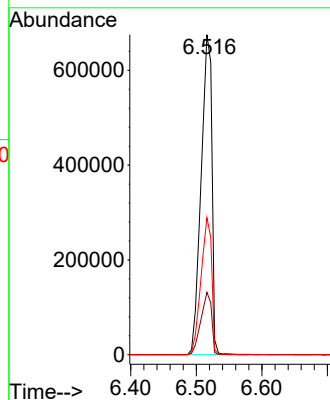
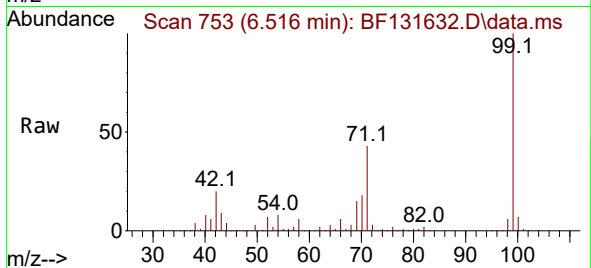




#7
Phenol-d6
Concen: 142.442 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131632.D
Acq: 14 Dec 2022 15:47

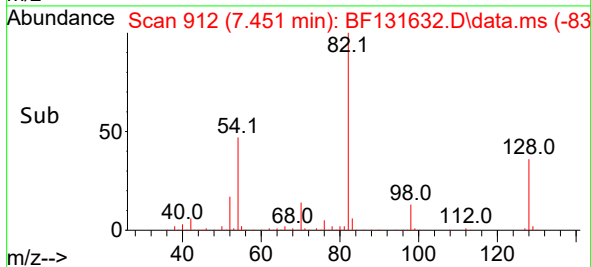
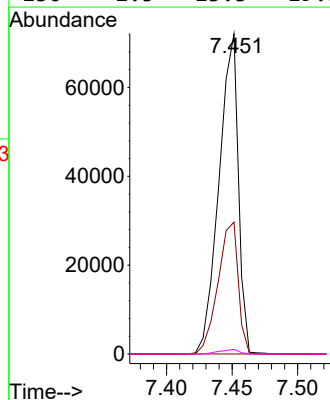
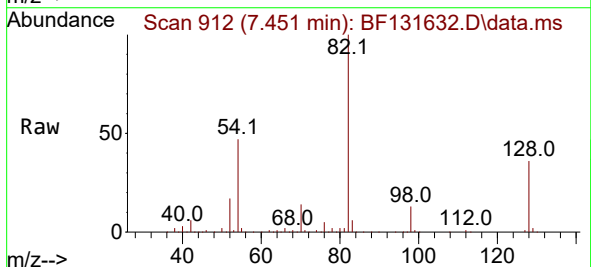
Instrument :
BNA_F
ClientSampleId :
PB149516TB

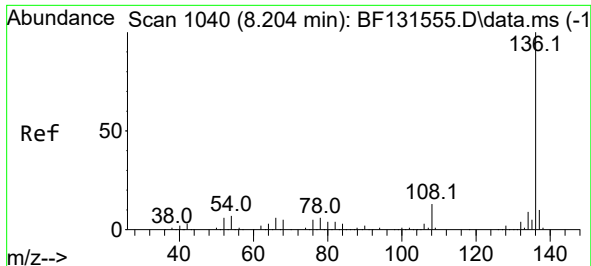
Tgt Ion: 99 Resp: 774248
Ion Ratio Lower Upper
99 100
42 19.5 17.9 26.9
71 42.8 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.109 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.153 min
Lab File: BF131632.D
Acq: 14 Dec 2022 15:47

Tgt Ion: 70 Resp: 73808
Ion Ratio Lower Upper
70 100
42 41.2 46.4 69.6#
101 0.0 7.2 10.8#
130 1.5 13.3 19.9#





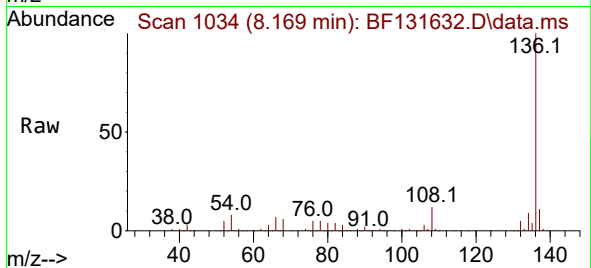
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131632.D
Acq: 14 Dec 2022 15:47

Instrument :

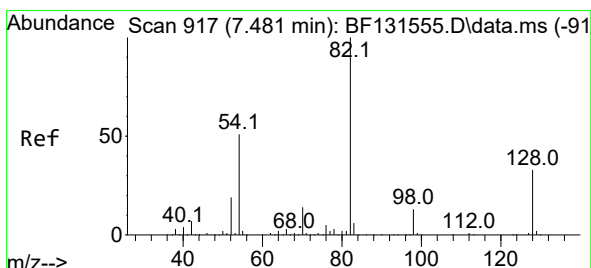
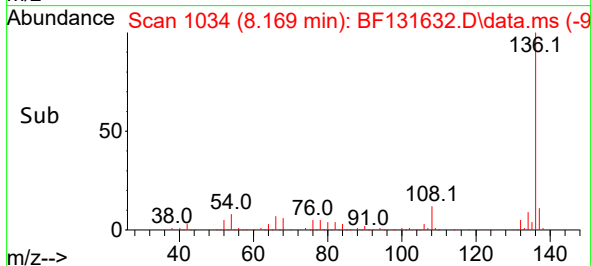
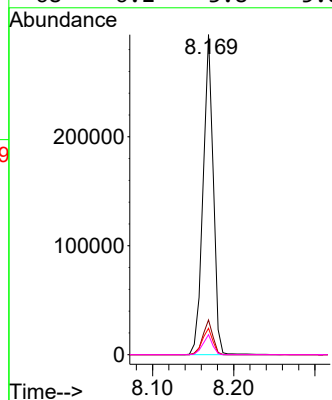
BNA_F

ClientSampleId :

PB149516TB

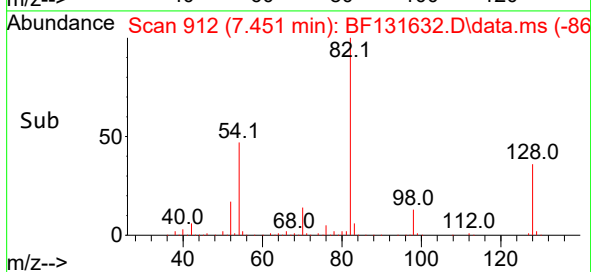
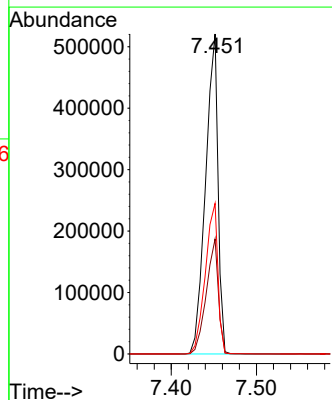
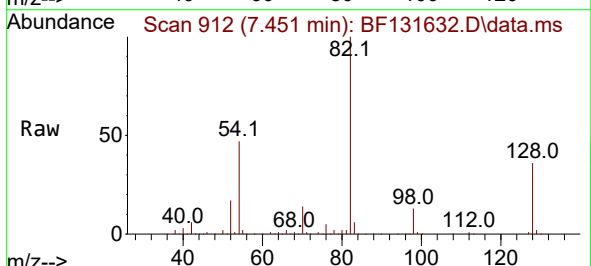


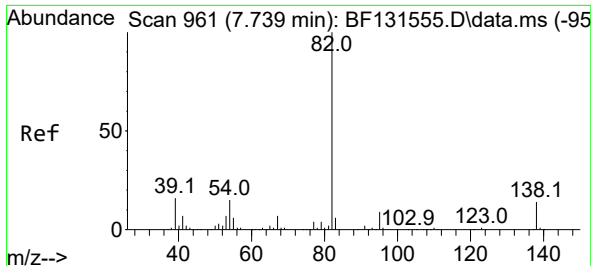
Tgt Ion:136 Resp: 254958
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.2 6.0 9.0
68 6.2 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 78.112 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF131632.D
Acq: 14 Dec 2022 15:47

Tgt Ion: 82 Resp: 526767
Ion Ratio Lower Upper
82 100
128 36.0 26.1 39.1
54 47.1 40.6 60.8

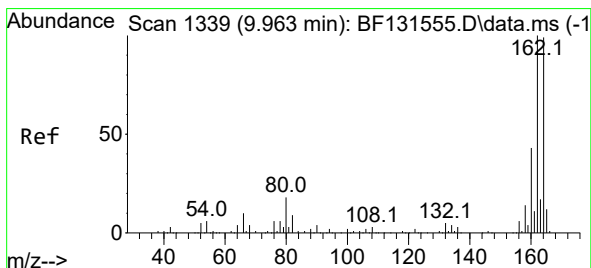
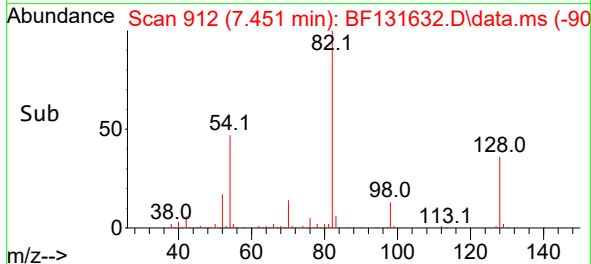
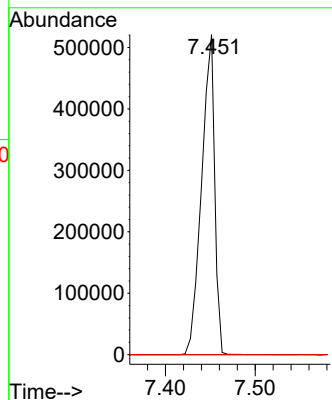
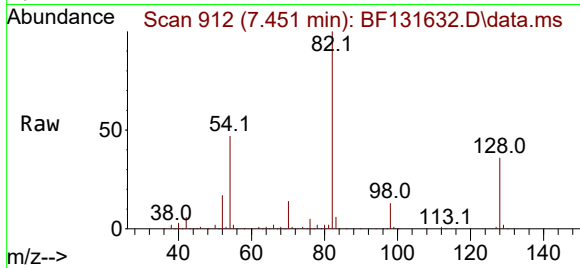




#25
Isophorone
Concen: 48.494 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131632.D
Acq: 14 Dec 2022 15:47

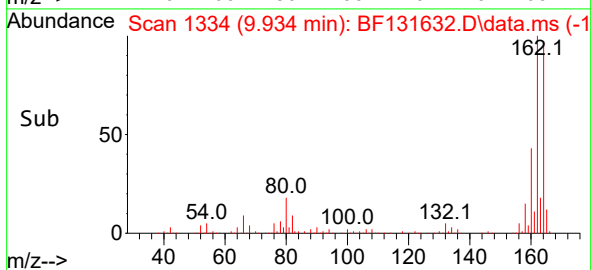
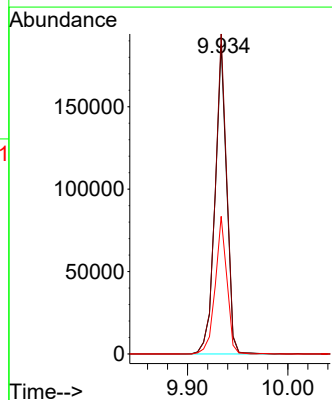
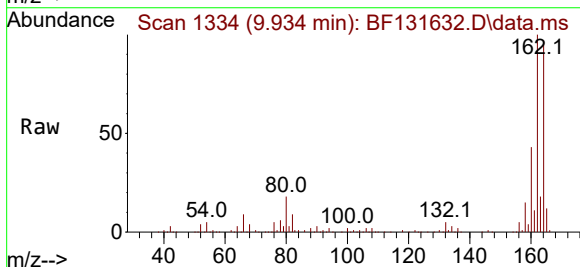
Instrument :
BNA_F
ClientSampleId :
PB149516TB

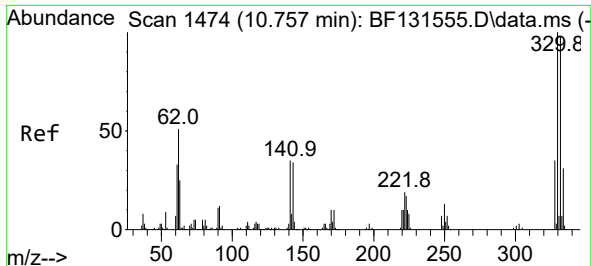
Tgt Ion: 82 Resp: 526763
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131632.D
Acq: 14 Dec 2022 15:47

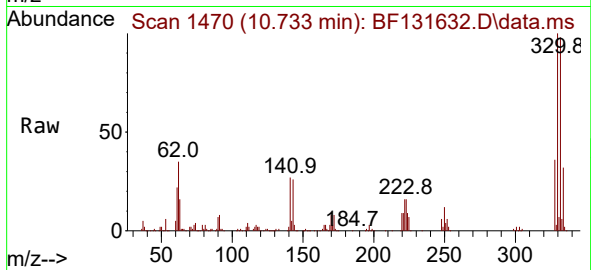
Tgt Ion: 164 Resp: 151381
Ion Ratio Lower Upper
164 100
162 103.4 81.0 121.6
160 44.5 35.0 52.6



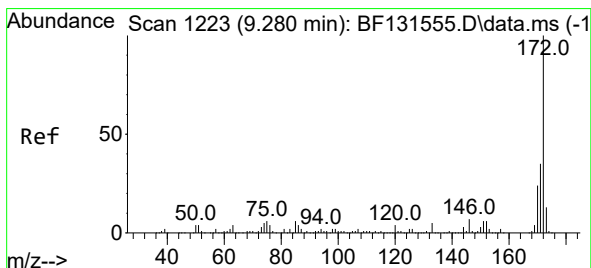
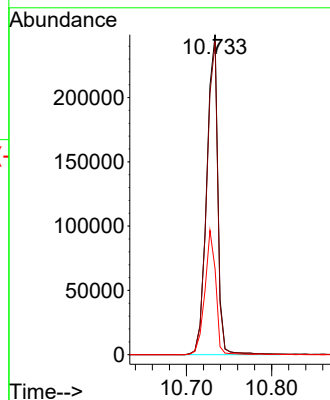
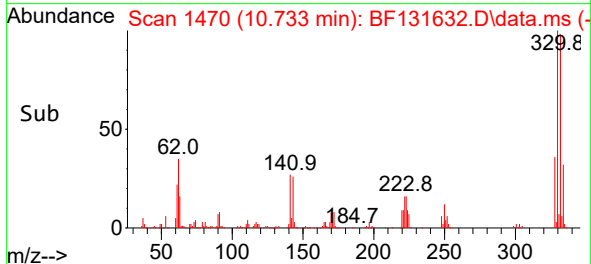


#42
2,4,6-Tribromophenol
Concen: 133.593 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF131632.D
Acq: 14 Dec 2022 15:47

Instrument :
BNA_F
ClientSampleId :
PB149516TB

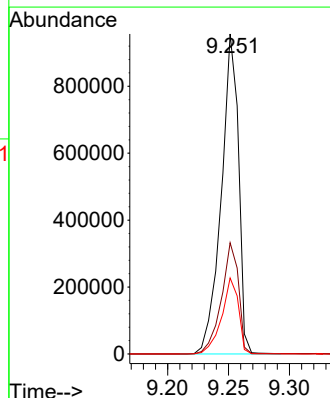
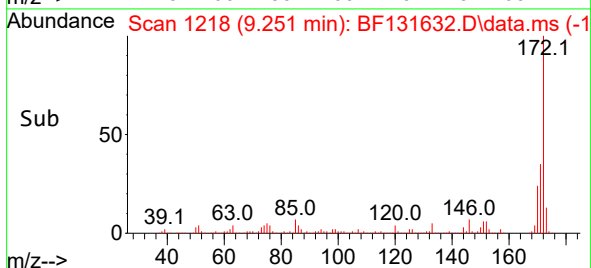
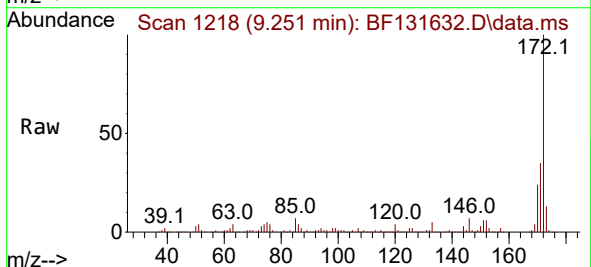


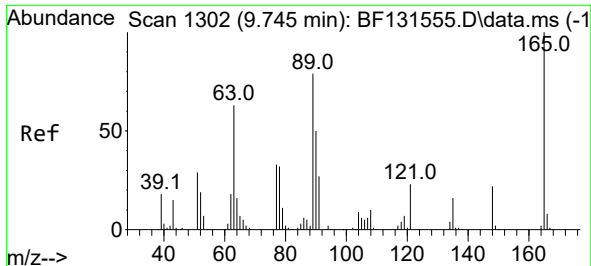
Tgt Ion: 330 Resp: 224688
Ion Ratio Lower Upper
330 100
332 97.8 78.3 117.5
141 38.3 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 78.658 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131632.D
Acq: 14 Dec 2022 15:47

Tgt Ion: 172 Resp: 944372
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.8 19.3 28.9

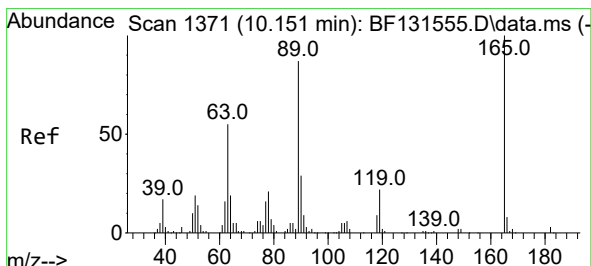
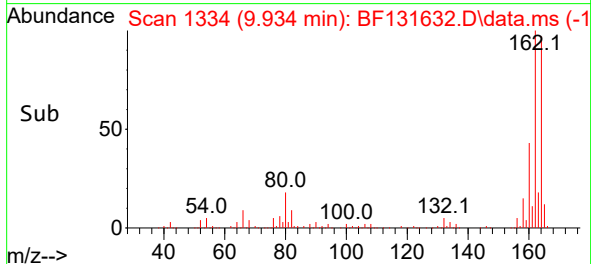
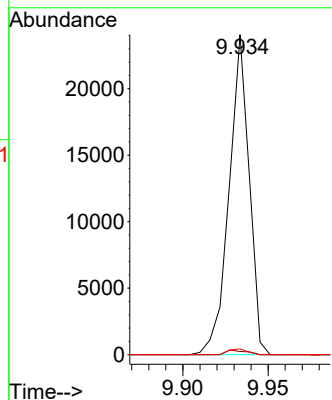
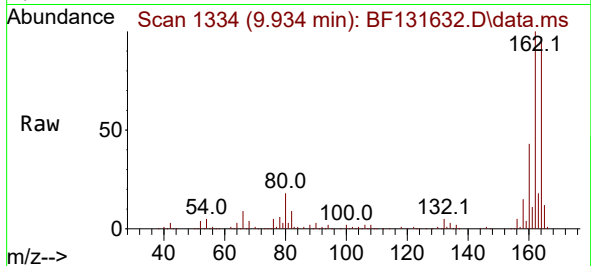




#51
2,6-Dinitrotoluene
Concen: 8.261 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131632.D
Acq: 14 Dec 2022 15:47

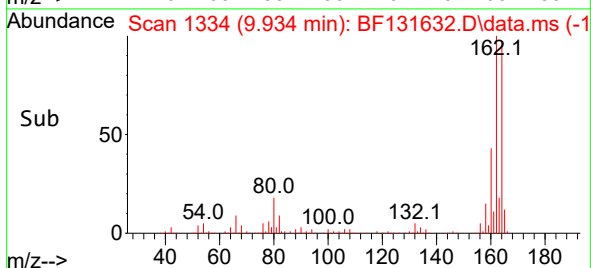
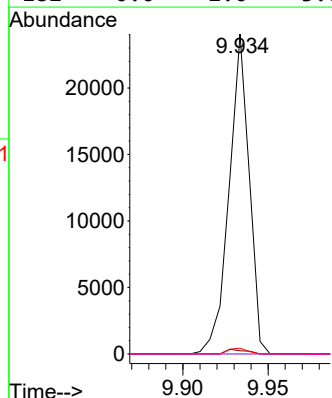
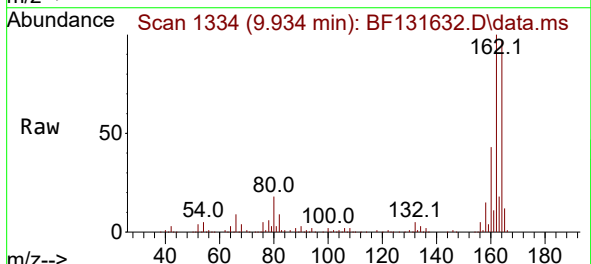
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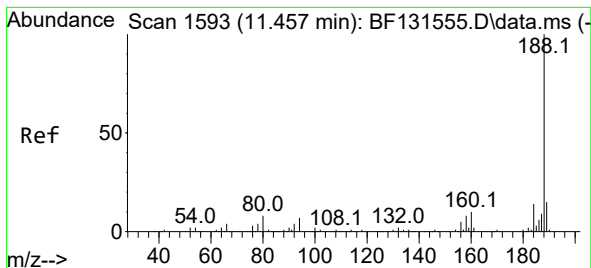
Tgt Ion:165 Resp: 19682
Ion Ratio Lower Upper
165 100
63 1.0 67.9 101.9#
89 1.8 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.228 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131632.D
Acq: 14 Dec 2022 15:47

Tgt Ion:165 Resp: 19682
Ion Ratio Lower Upper
165 100
63 1.0 44.4 66.6#
89 1.8 69.6 104.4#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131632.D

Acq: 14 Dec 2022 15:47

Instrument :

BNA_F

ClientSampleId :

PB149516TB

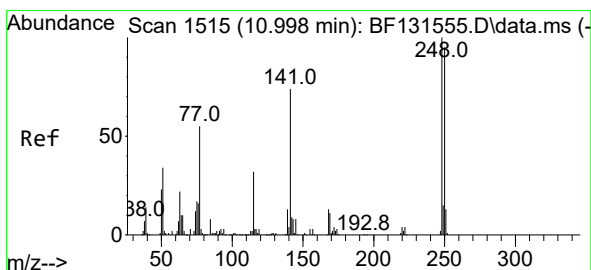
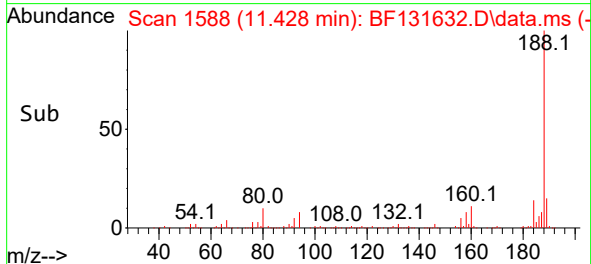
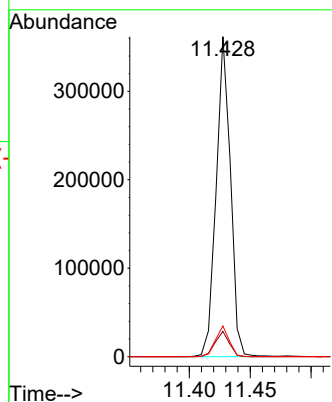
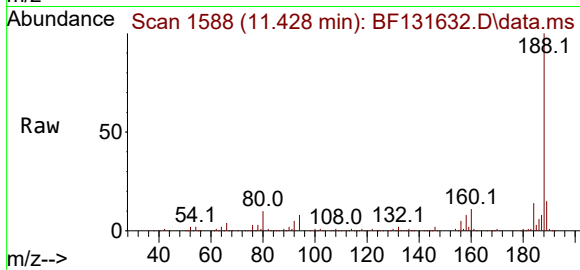
Tgt Ion:188 Resp: 295584

Ion Ratio Lower Upper

188 100

94 7.9 5.5 8.3

80 9.6 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 4.184 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.247 min

Lab File: BF131632.D

Acq: 14 Dec 2022 15:47

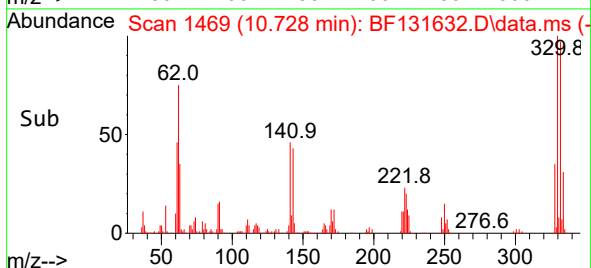
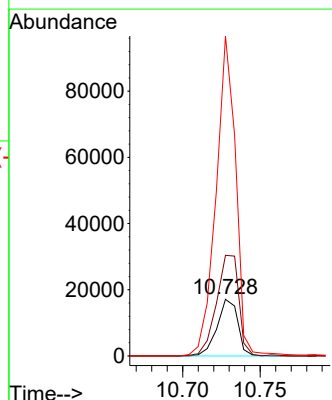
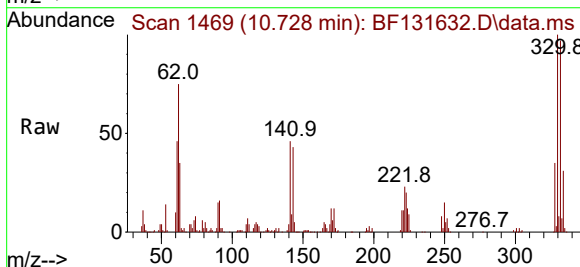
Tgt Ion:248 Resp: 15910

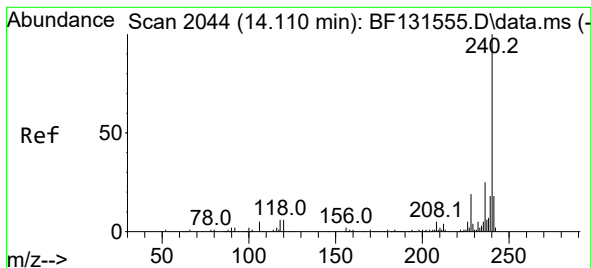
Ion Ratio Lower Upper

248 100

250 177.5 76.2 114.2#

141 564.7 59.5 89.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2044

Delta R.T. -0.006 min

Lab File: BF131632.D

Acq: 14 Dec 2022 15:47

Instrument :

BNA_F

ClientSampleId :

PB149516TB

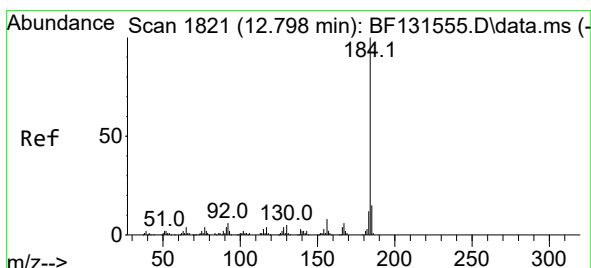
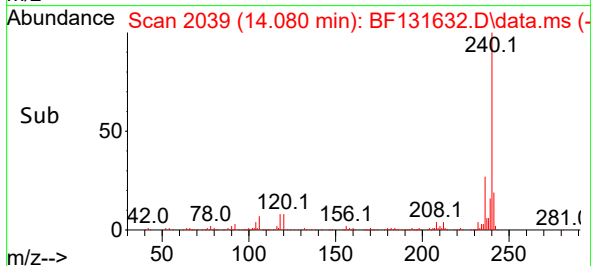
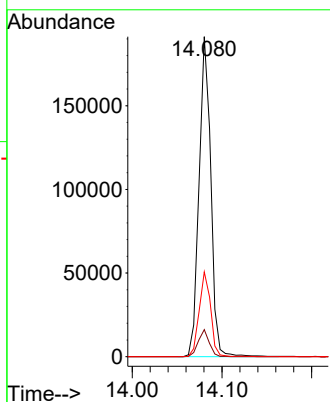
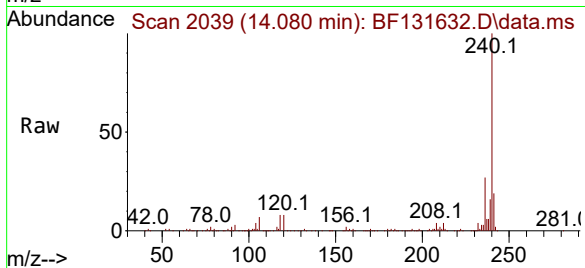
Tgt Ion:240 Resp: 173449

Ion Ratio Lower Upper

240 100

120 8.5 4.6 7.0#

236 26.5 20.2 30.2



#77

Benzidine

Concen: 3.522 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.253 min

Lab File: BF131632.D

Acq: 14 Dec 2022 15:47

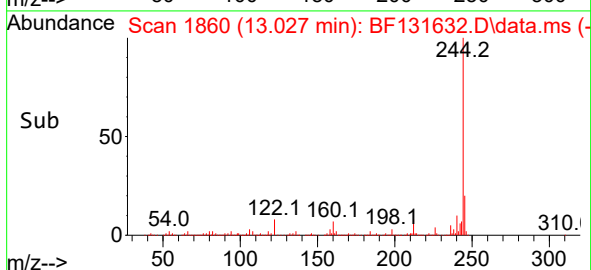
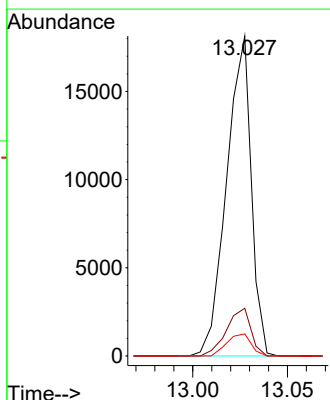
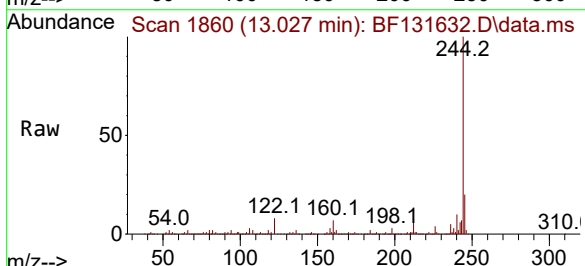
Tgt Ion:184 Resp: 16367

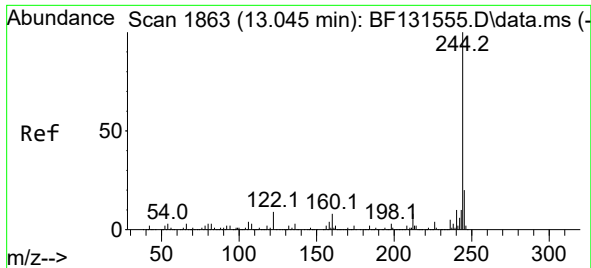
Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

183 6.9 9.3 13.9#

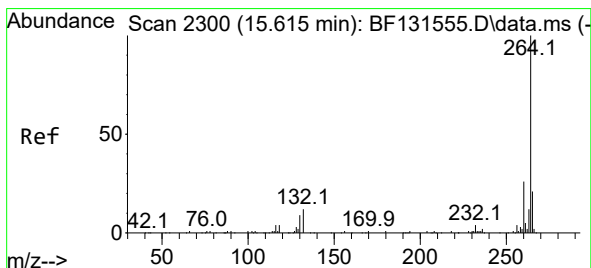
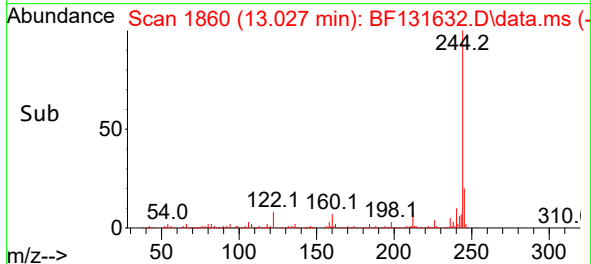
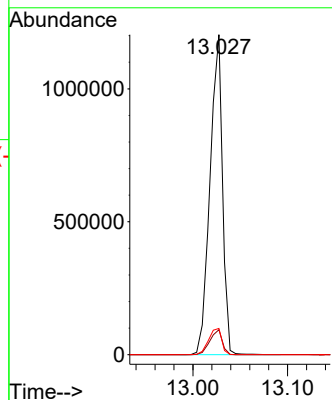
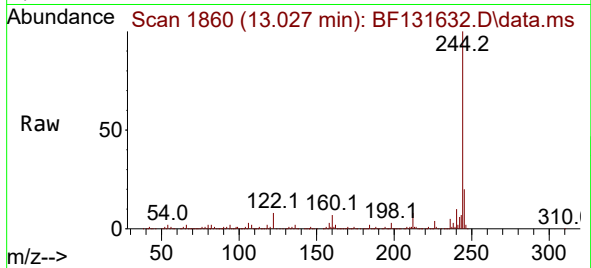




#79
 Terphenyl-d14
 Concen: 86.915 ng
 RT: 13.027 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131632.D
 Acq: 14 Dec 2022 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB149516TB

Tgt Ion:244 Resp: 1099268
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.2 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF131632.D
 Acq: 14 Dec 2022 15:47

Tgt Ion:264 Resp: 135804
 Ion Ratio Lower Upper
 264 100
 260 22.8 20.6 30.8
 265 20.7 16.8 25.2

