

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131672.D
 Acq On : 16 Dec 2022 18:11
 Operator : CG\JU
 Sample : N6037-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-22-(8-10)

Quant Time: Dec 17 03:57:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

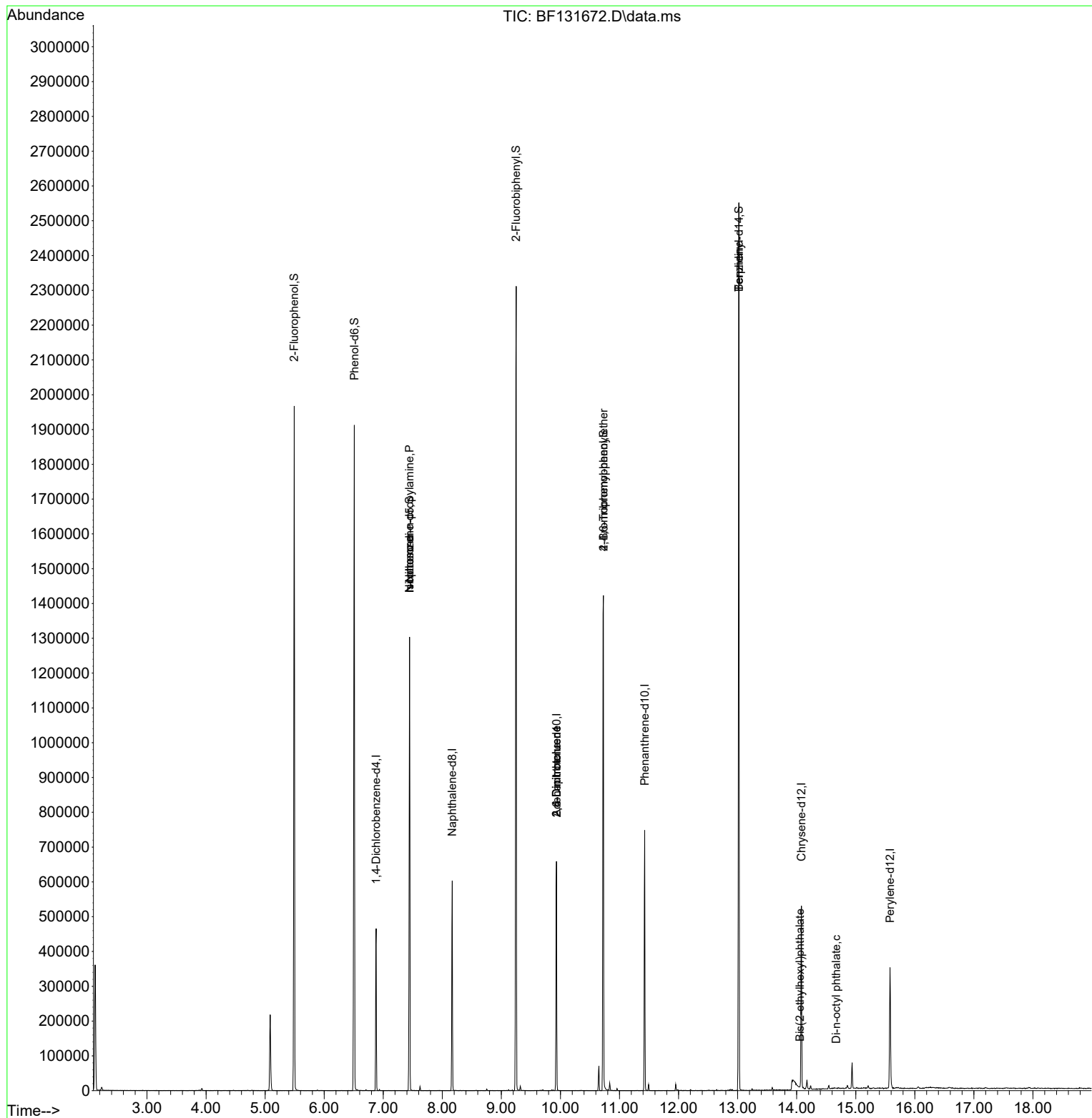
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	64470	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	231645	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	129721	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	250794	20.000	ng	0.00
76) Chrysene-d12	14.080	240	176651	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	157500	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	470467	121.742	ng	0.00
7) Phenol-d6	6.510	99	611652	120.782	ng	0.00
23) Nitrobenzene-d5	7.445	82	424210	69.235	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	161178	111.833	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	695259	67.578	ng	0.00
79) Terphenyl-d14	13.022	244	804192	62.432	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	58236	15.336	ng	# 77
25) Isophorone	7.445	82	424204	42.983	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	16377	8.022	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	16377	6.047	ng	# 16
67) 4-Bromophenyl-phenylether	10.728	248	11539	3.577	ng	# 1
77) Benzidine	13.022	184	12458	2.632	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.057	149	784	3.139	ng	# 79
85) Di-n-octyl phthalate	14.668	149	67	5.224	ng	# 74

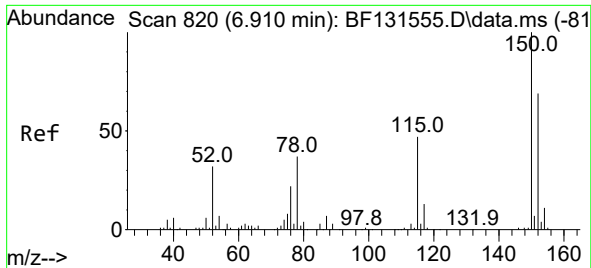
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 17 03:57:06 2022
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QLast Update : Fri Dec 16 01:44:46 2022
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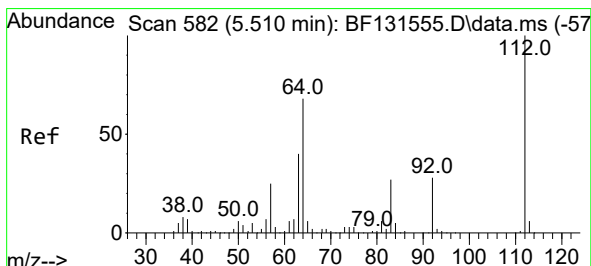
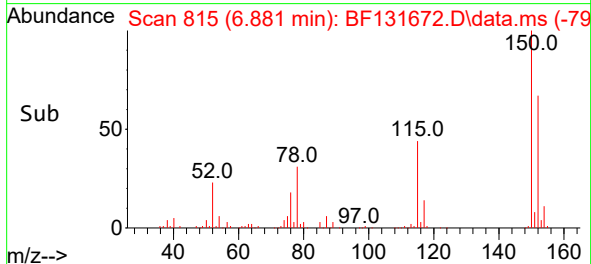
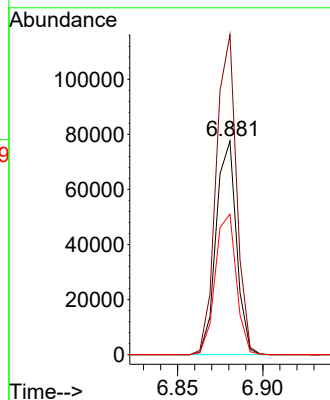
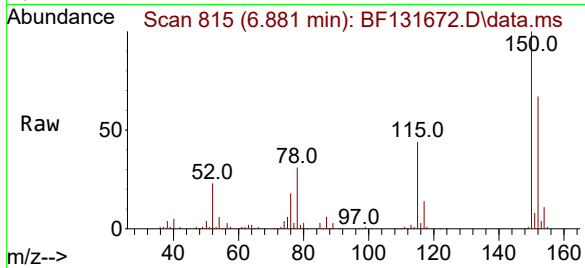




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131672.D
 Acq: 16 Dec 2022 18:11

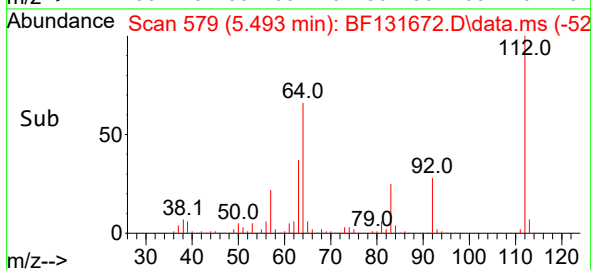
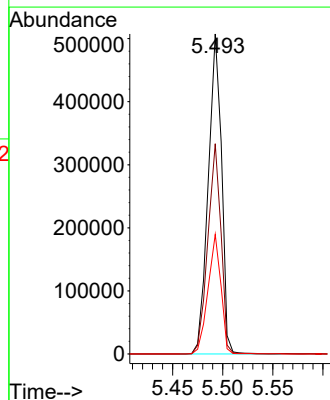
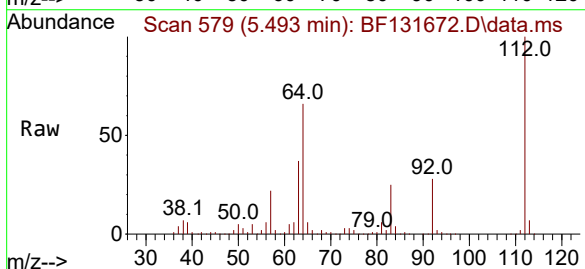
Instrument :
 BNA_F
 ClientSampleId :
 RB-22-(8-10)

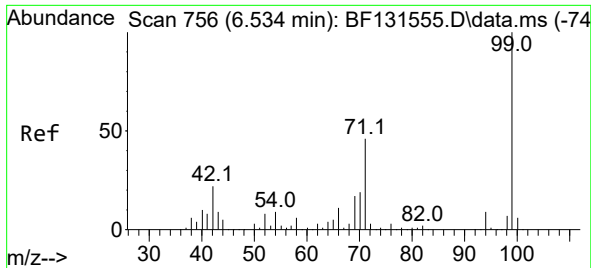
Tgt Ion:152 Resp: 64470
 Ion Ratio Lower Upper
 152 100
 150 149.8 116.7 175.1
 115 65.8 54.6 82.0



#5
 2-Fluorophenol
 Concen: 121.742 ng
 RT: 5.493 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: BF131672.D
 Acq: 16 Dec 2022 18:11

Tgt Ion:112 Resp: 470467
 Ion Ratio Lower Upper
 112 100
 64 65.7 54.5 81.7
 63 37.3 31.9 47.9

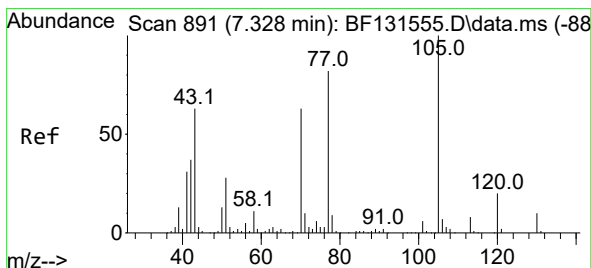
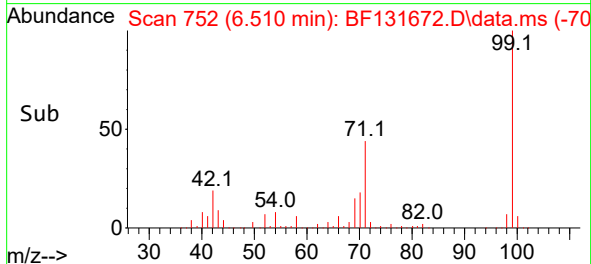
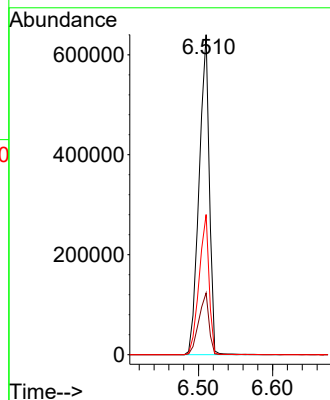
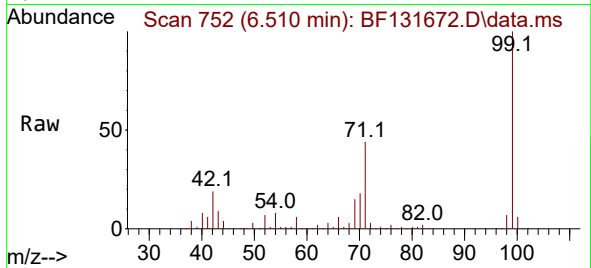




#7
Phenol-d6
Concen: 120.782 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131672.D
Acq: 16 Dec 2022 18:11

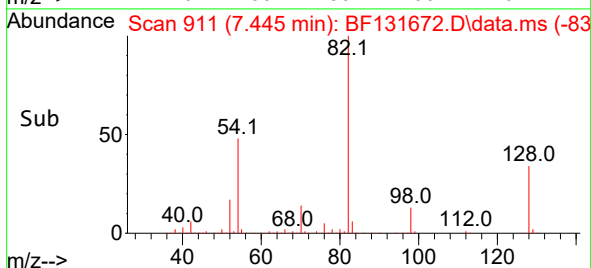
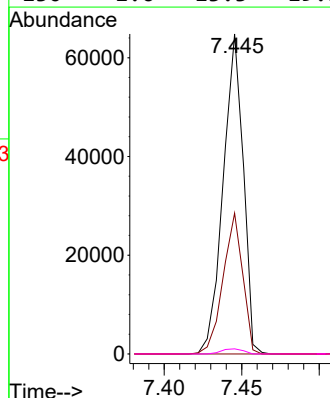
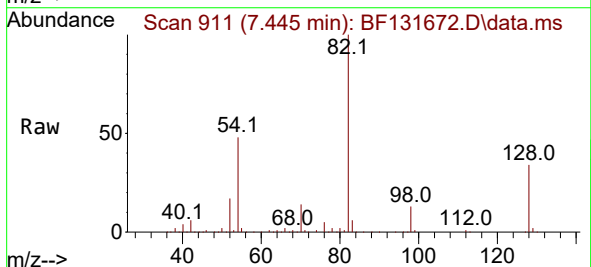
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)

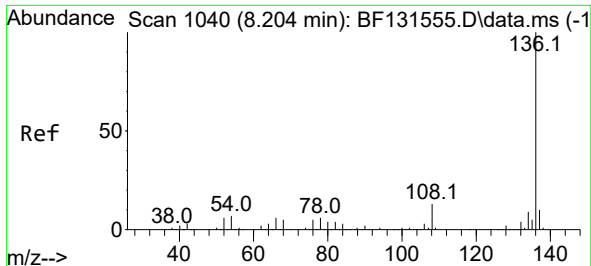
Tgt Ion: 99 Resp: 611652
Ion Ratio Lower Upper
99 100
42 19.3 17.9 26.9
71 43.8 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.336 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131672.D
Acq: 16 Dec 2022 18:11

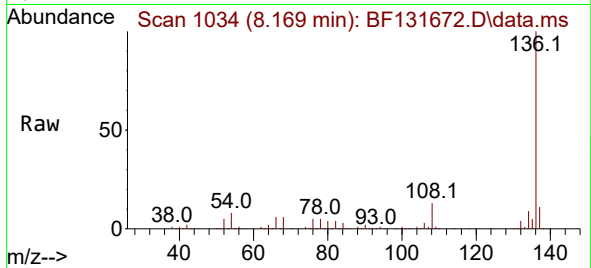
Tgt Ion: 70 Resp: 58236
Ion Ratio Lower Upper
70 100
42 44.0 46.4 69.6#
101 0.0 7.2 10.8#
130 1.6 13.3 19.9#



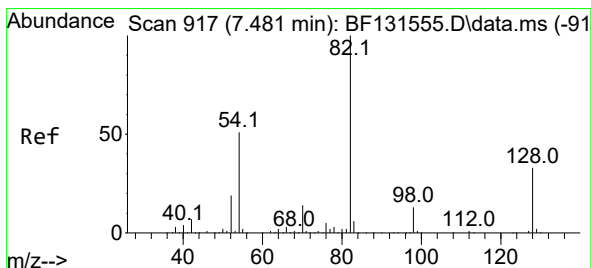
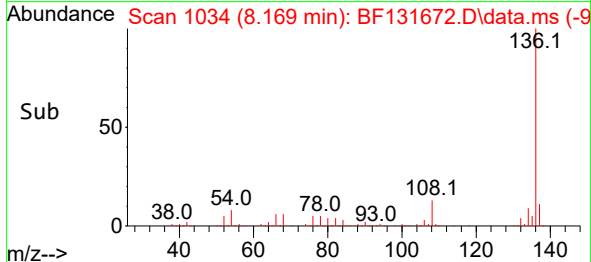
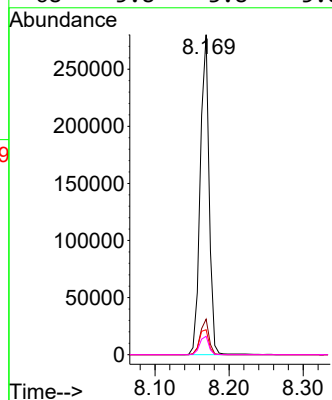


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131672.D
Acq: 16 Dec 2022 18:11

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)

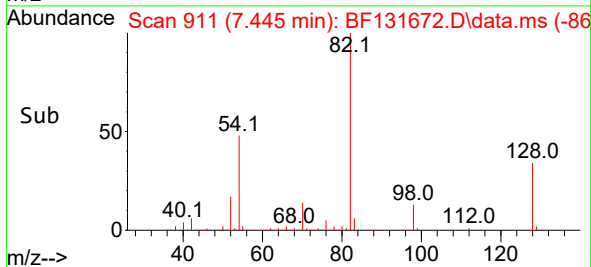
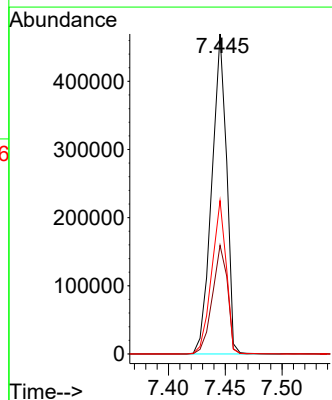
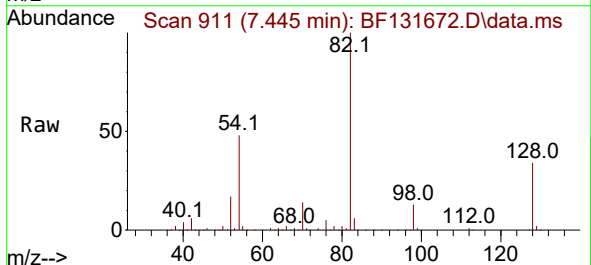


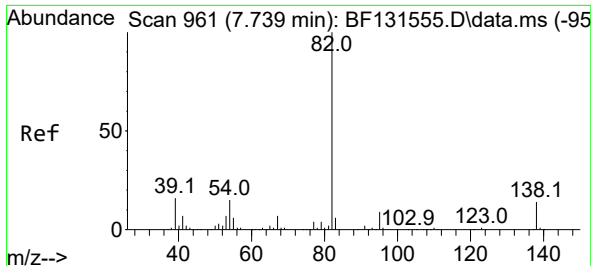
Tgt Ion:136 Resp: 231645
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 7.8 6.0 9.0
68 5.8 3.8 5.8



#23
Nitrobenzene-d5
Concen: 69.235 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131672.D
Acq: 16 Dec 2022 18:11

Tgt Ion: 82 Resp: 424210
Ion Ratio Lower Upper
82 100
128 34.0 26.1 39.1
54 47.9 40.6 60.8

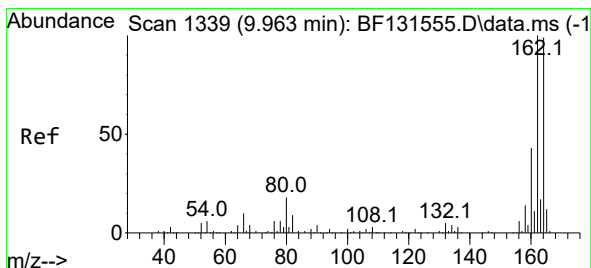
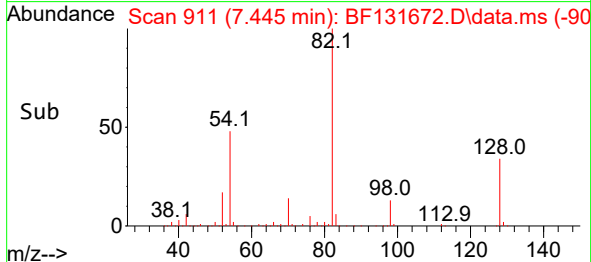
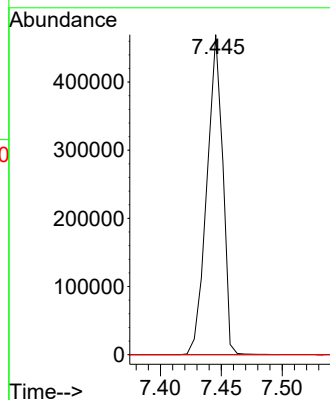
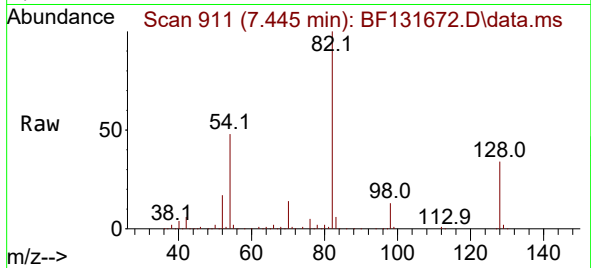




#25
Isophorone
Concen: 42.983 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131672.D
Acq: 16 Dec 2022 18:11

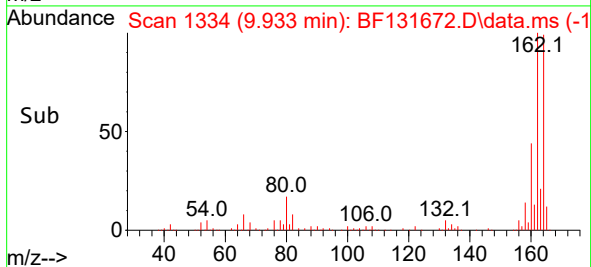
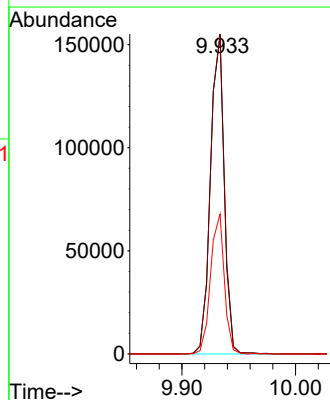
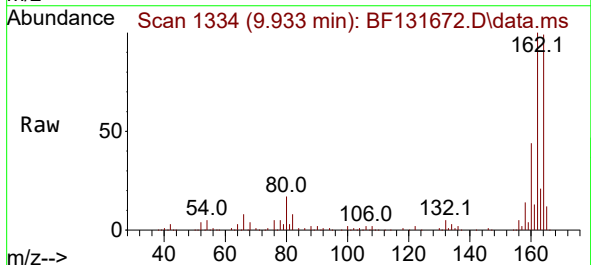
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)

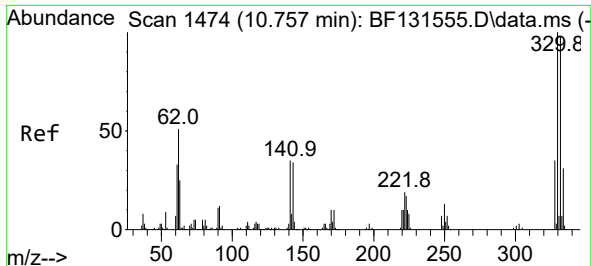
Tgt Ion: 82 Resp: 424204
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131672.D
Acq: 16 Dec 2022 18:11

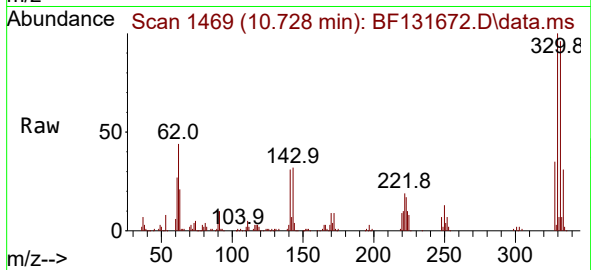
Tgt Ion:164 Resp: 129721
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.6
160 44.0 35.0 52.6



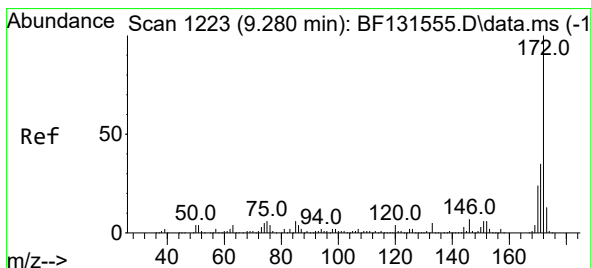
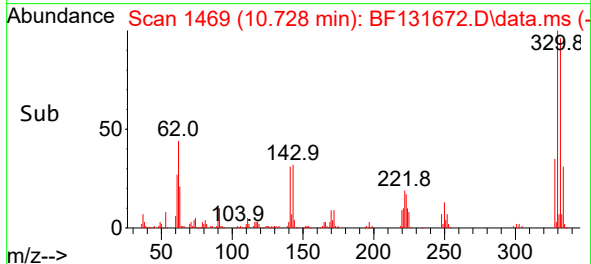
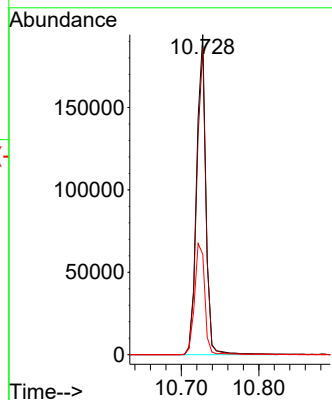


#42
2,4,6-Tribromophenol
Concen: 111.833 ng
RT: 10.728 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF131672.D
Acq: 16 Dec 2022 18:11

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)

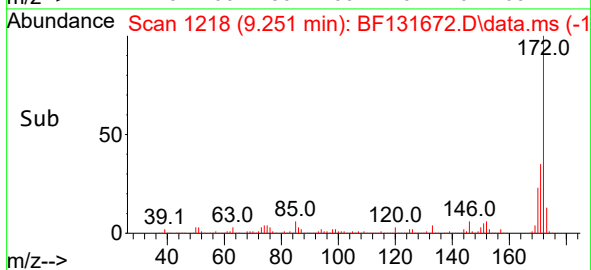
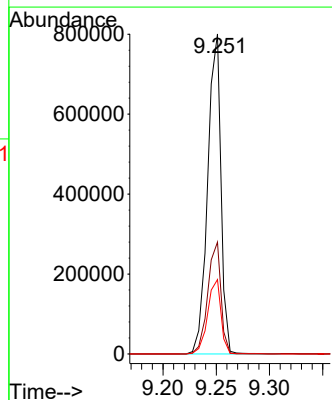
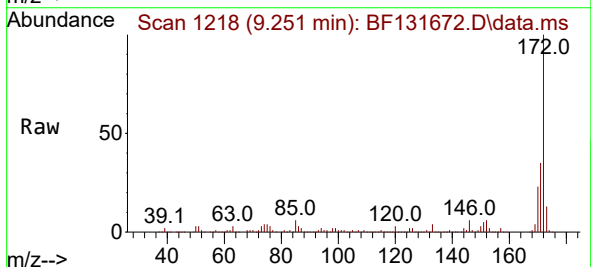


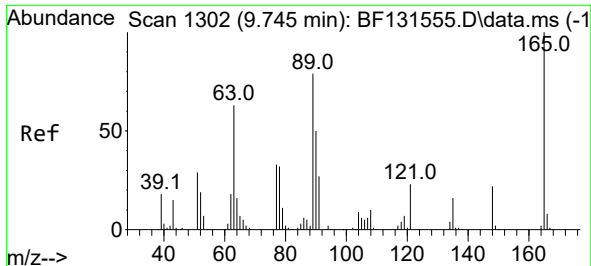
Tgt Ion:330 Resp: 161178
Ion Ratio Lower Upper
330 100
332 94.6 78.3 117.5
141 38.2 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 67.578 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF131672.D
Acq: 16 Dec 2022 18:11

Tgt Ion:172 Resp: 695259
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.3 19.3 28.9

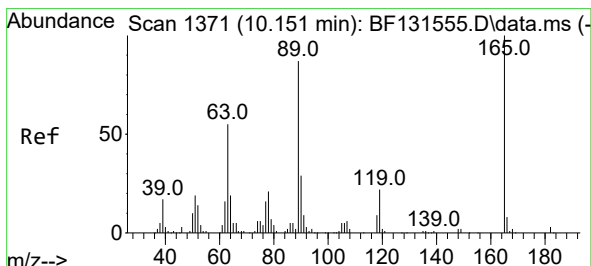
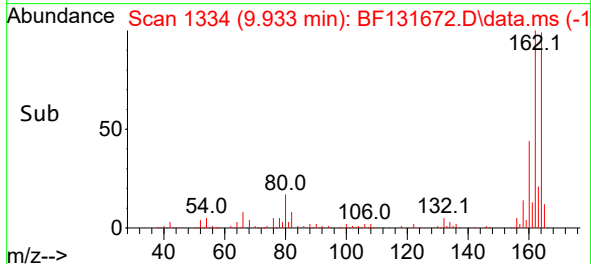
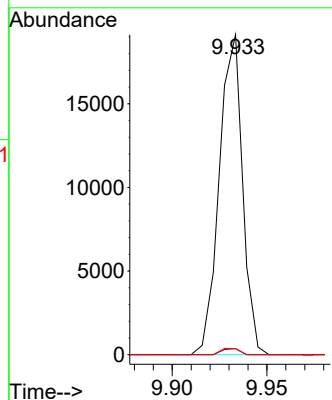
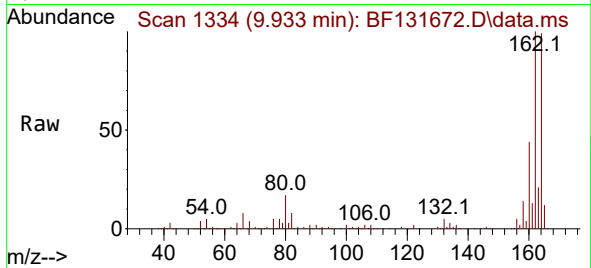




#51
2,6-Dinitrotoluene
Concen: 8.022 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131672.D
Acq: 16 Dec 2022 18:11

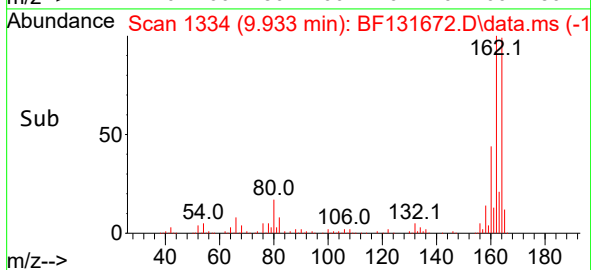
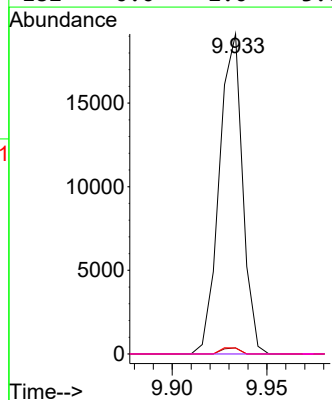
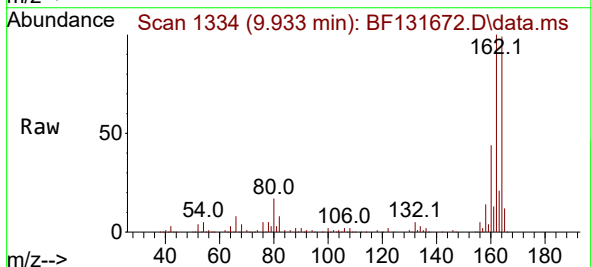
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)

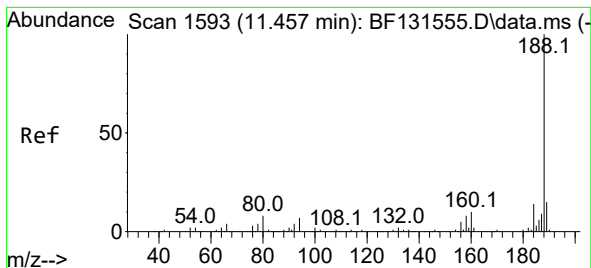
Tgt Ion:165 Resp: 16377
Ion Ratio Lower Upper
165 100
63 1.9 67.9 101.9#
89 1.9 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.047 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131672.D
Acq: 16 Dec 2022 18:11

Tgt Ion:165 Resp: 16377
Ion Ratio Lower Upper
165 100
63 1.9 44.4 66.6#
89 1.9 69.6 104.4#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131672.D

Acq: 16 Dec 2022 18:11

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)

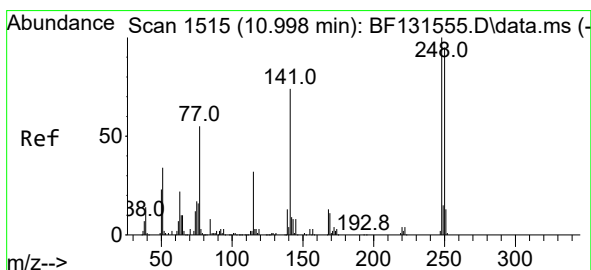
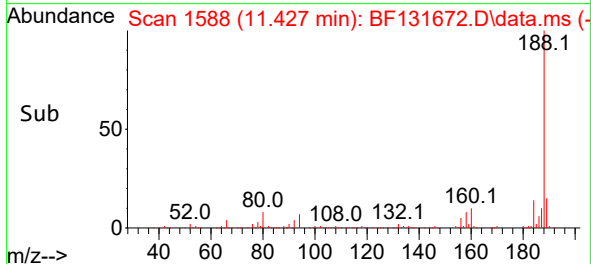
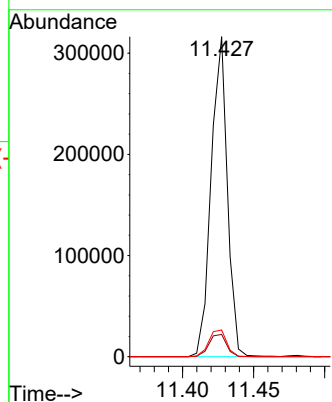
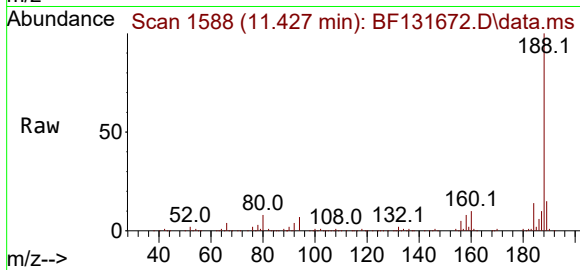
Tgt Ion:188 Resp: 250794

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

80 8.4 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 3.577 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.241 min

Lab File: BF131672.D

Acq: 16 Dec 2022 18:11

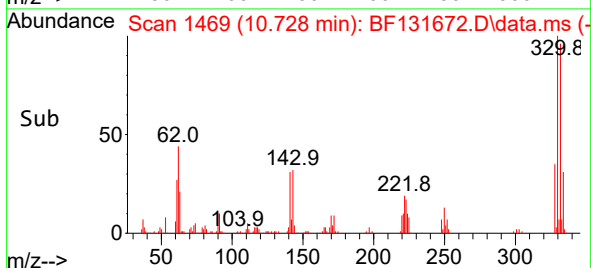
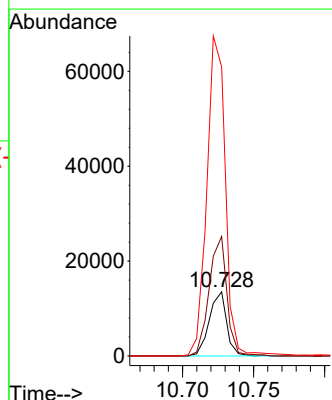
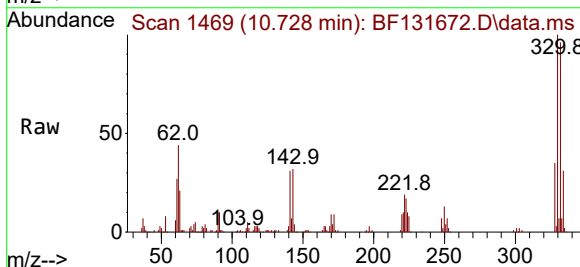
Tgt Ion:248 Resp: 11539

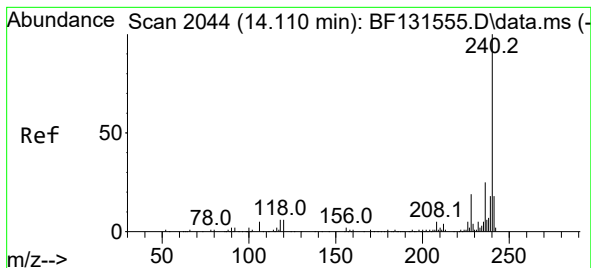
Ion Ratio Lower Upper

248 100

250 186.2 76.2 114.2#

141 450.1 59.5 89.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2044

Delta R.T. 0.000 min

Lab File: BF131672.D

Acq: 16 Dec 2022 18:11

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)

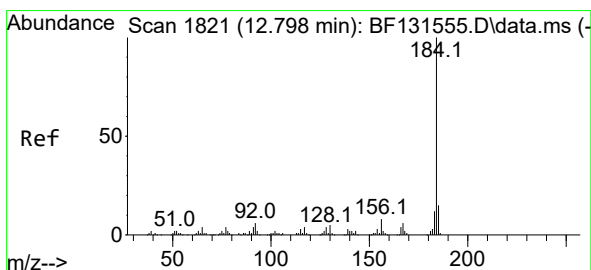
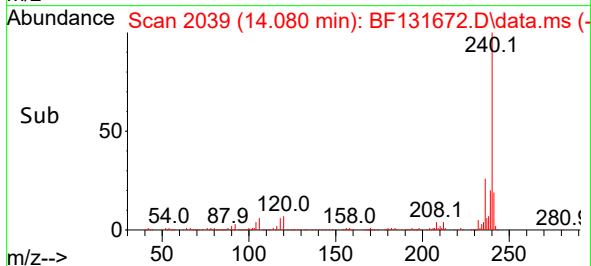
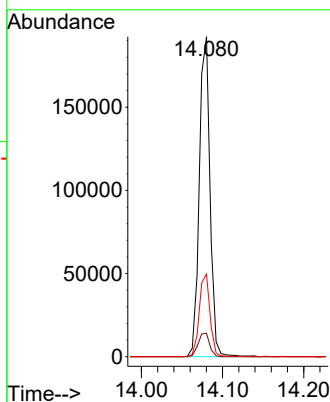
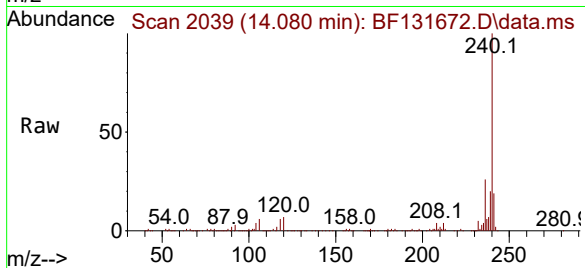
Tgt Ion:240 Resp: 176651

Ion Ratio Lower Upper

240 100

120 7.3 4.6 7.0#

236 25.8 20.2 30.2



#77

Benzidine

Concen: 2.632 ng

RT: 13.022 min Scan# 1859

Delta R.T. 0.247 min

Lab File: BF131672.D

Acq: 16 Dec 2022 18:11

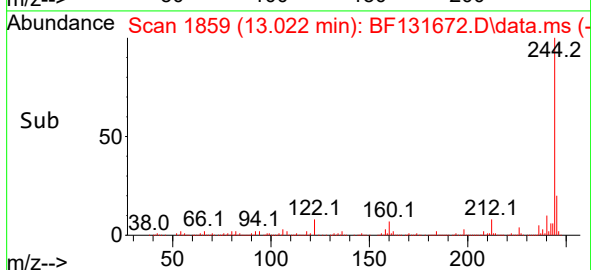
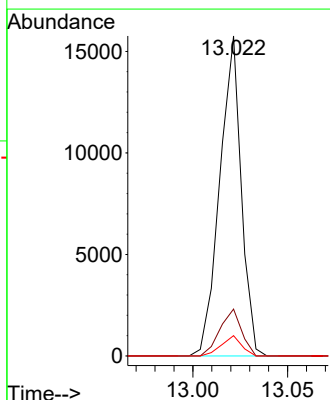
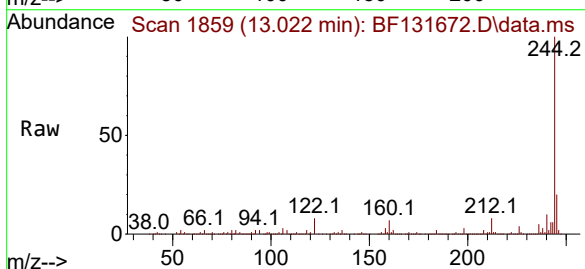
Tgt Ion:184 Resp: 12458

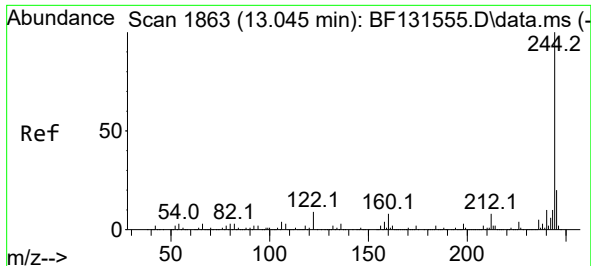
Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

183 6.4 9.3 13.9#

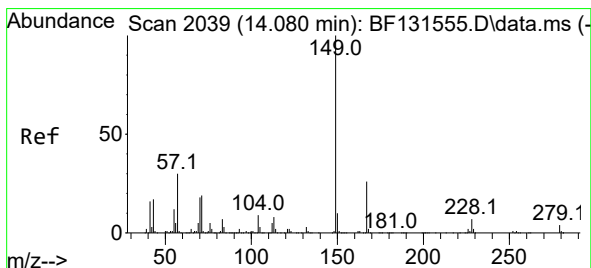
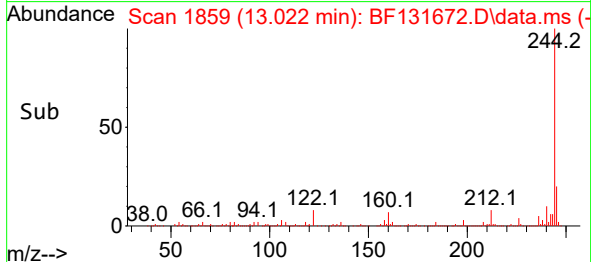
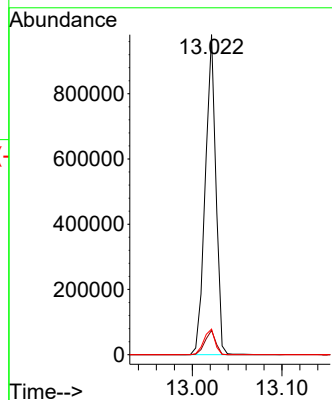
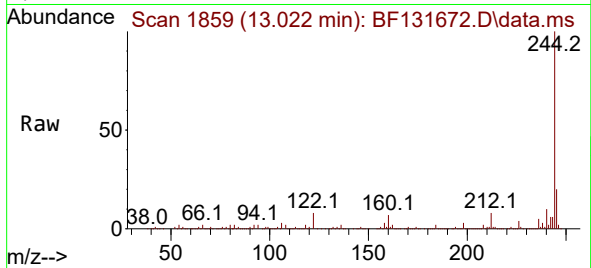




#79
 Terphenyl-d14
 Concen: 62.432 ng
 RT: 13.022 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: BF131672.D
 Acq: 16 Dec 2022 18:11

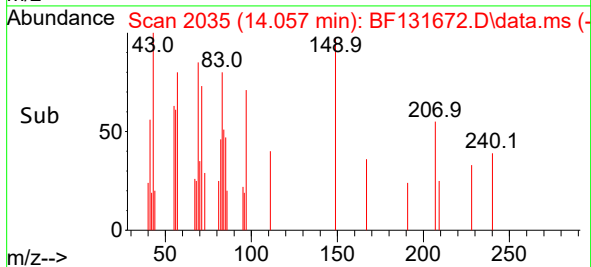
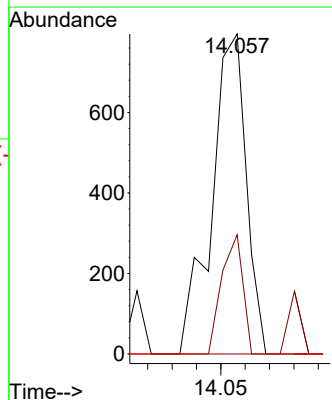
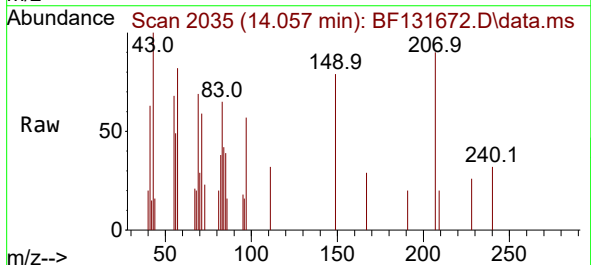
Instrument :
 BNA_F
 ClientSampleId :
 RB-22-(8-10)

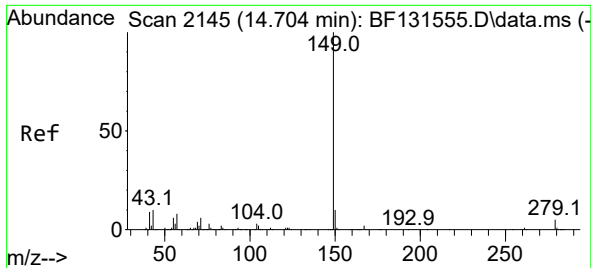
Tgt Ion:244 Resp: 804192
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 8.0 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.139 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. 0.000 min
 Lab File: BF131672.D
 Acq: 16 Dec 2022 18:11

Tgt Ion:149 Resp: 784
 Ion Ratio Lower Upper
 149 100
 167 37.2 20.8 31.2#
 279 0.0 3.3 4.9#

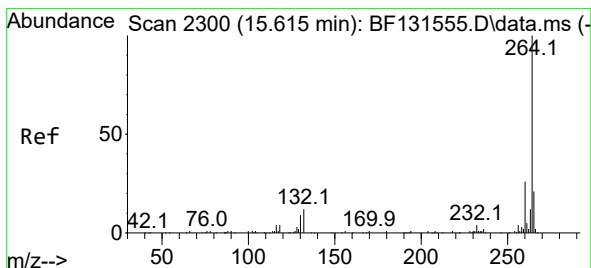
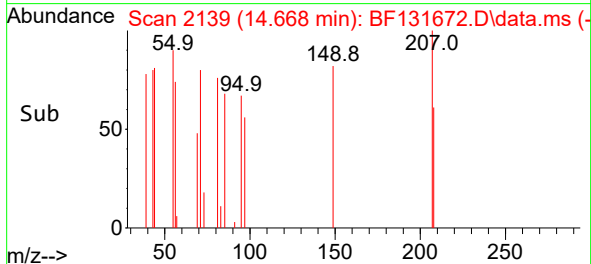
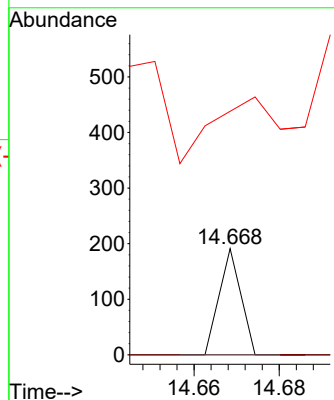
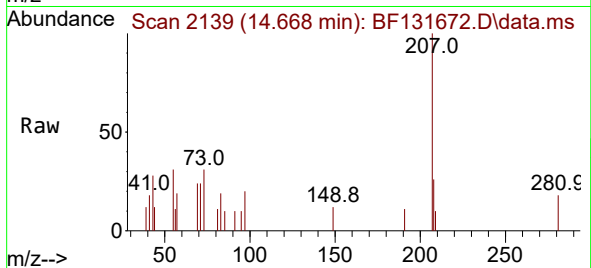




#85
Di-n-octyl phthalate
Concen: 5.224 ng
RT: 14.668 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BF131672.D
Acq: 16 Dec 2022 18:11

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)

Tgt Ion:149 Resp: 67
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF131672.D
Acq: 16 Dec 2022 18:11

Tgt Ion:264 Resp: 157500
Ion Ratio Lower Upper
264 100
260 22.8 20.6 30.8
265 22.7 16.8 25.2

