

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131682.D
 Acq On : 16 Dec 2022 23:39
 Operator : CG\JU
 Sample : N6024-01RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-Q

Quant Time: Dec 17 04:00:02 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

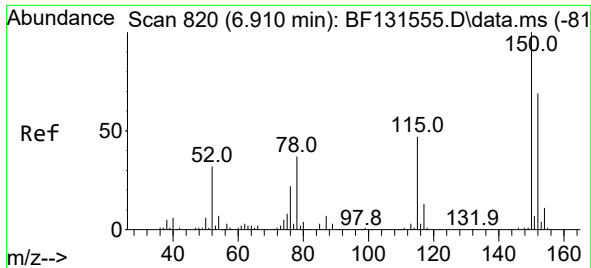
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	73091	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	258837	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	144661	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	270726	20.000	ng	0.00
76) Chrysene-d12	14.080	240	154899	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	175964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	471287	107.570	ng	0.00
7) Phenol-d6	6.510	99	618324	107.698	ng	0.00
23) Nitrobenzene-d5	7.445	82	423956	61.925	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	148648	92.487	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	671200	58.502	ng	0.00
79) Terphenyl-d14	13.021	244	609494	53.962	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	58499	13.589	ng	# 75
25) Isophorone	7.445	82	423952	38.444	ng	# 69
32) Benzoic acid	7.892	122	5999	2.295	ng	91
51) 2,6-Dinitrotoluene	9.933	165	18645	8.190	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	18645	6.174	ng	# 16
63) Azobenzene	10.651	77	53724	4.451	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	10408	2.988	ng	# 1
77) Benzidine	13.021	184	10003	2.410	ng	# 95
84) Bis(2-ethylhexyl)phtha...	14.051	149	608	3.127	ng	# 83
85) Di-n-octyl phthalate	14.674	149	126	5.230	ng	# 1

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

Quant Time: Dec 17 04:00:02 2022
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QLast Update : Fri Dec 16 01:44:46 2022
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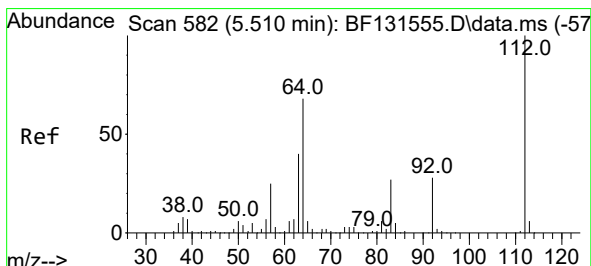
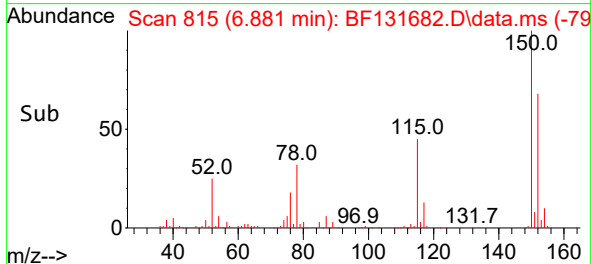
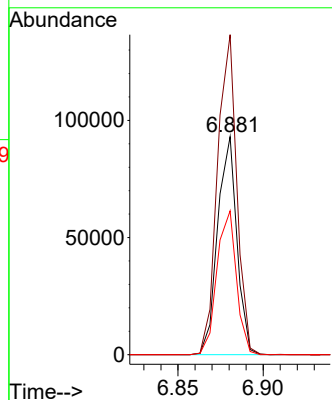
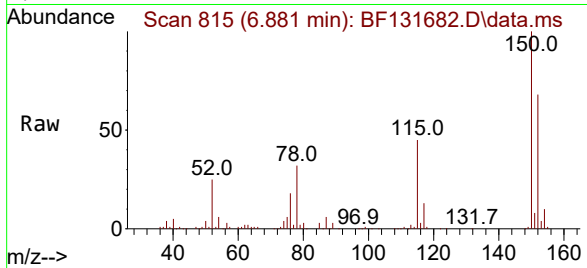




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

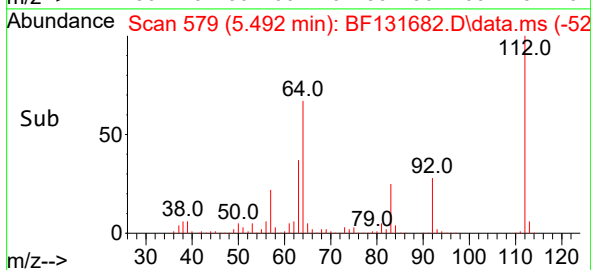
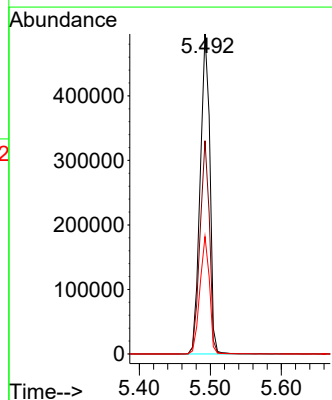
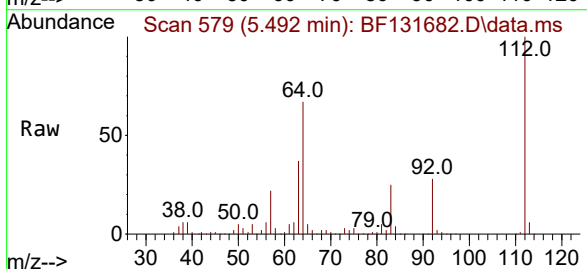
Instrument :
BNA_F
ClientSampleId :
TP-Q

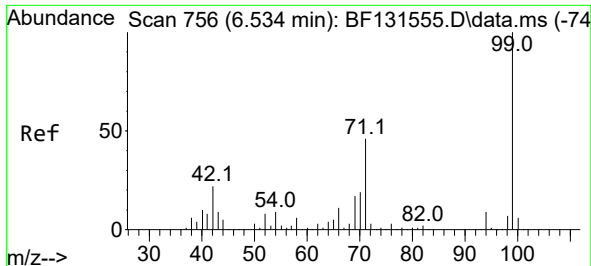
Tgt Ion:152 Resp: 73091
Ion Ratio Lower Upper
152 100
150 146.7 116.7 175.1
115 66.0 54.6 82.0



#5
2-Fluorophenol
Concen: 107.570 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

Tgt Ion:112 Resp: 471287
Ion Ratio Lower Upper
112 100
64 66.7 54.5 81.7
63 36.7 31.9 47.9

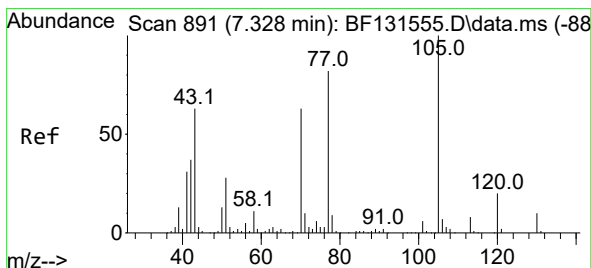
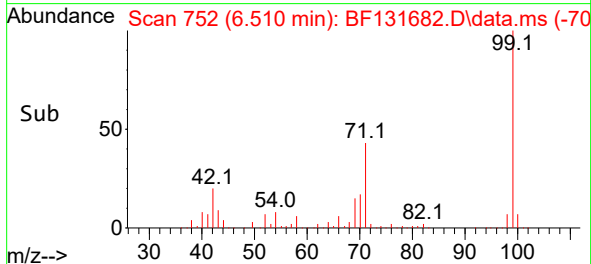
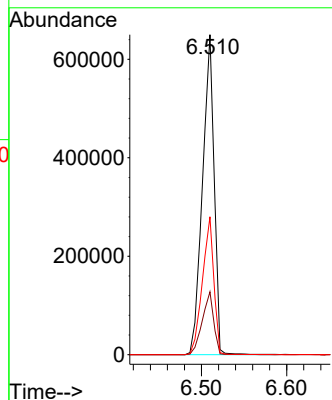
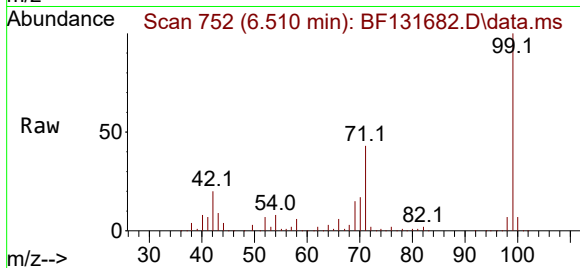




#7
Phenol-d6
Concen: 107.698 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

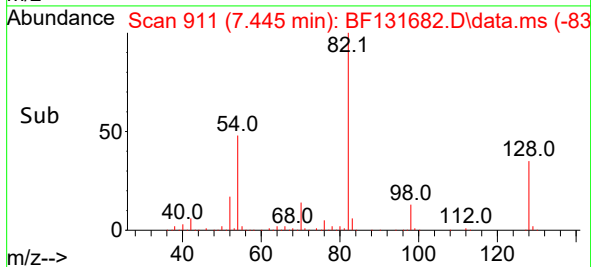
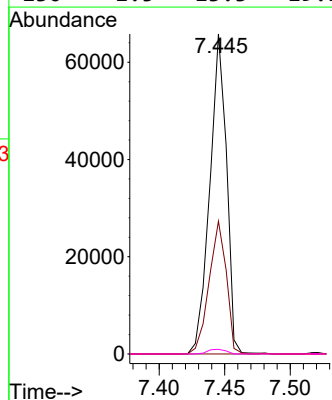
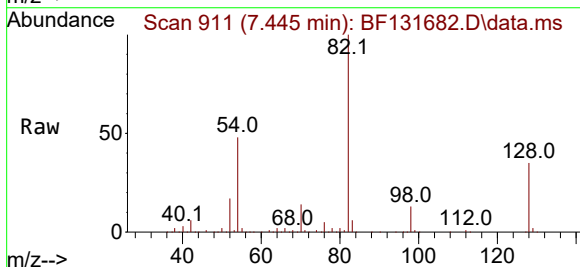
Instrument :
BNA_F
ClientSampleId :
TP-Q

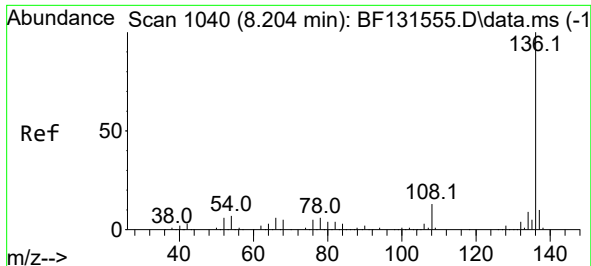
Tgt Ion: 99 Resp: 618324
Ion Ratio Lower Upper
99 100
42 19.6 17.9 26.9
71 43.1 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.589 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

Tgt Ion: 70 Resp: 58499
Ion Ratio Lower Upper
70 100
42 41.5 46.4 69.6#
101 0.0 7.2 10.8#
130 1.5 13.3 19.9#

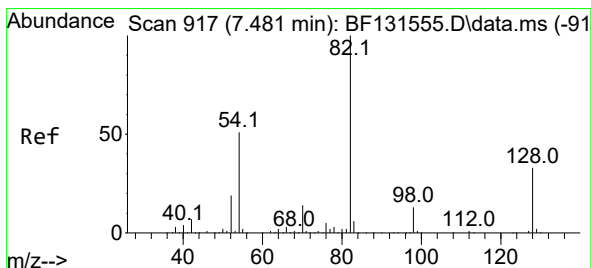
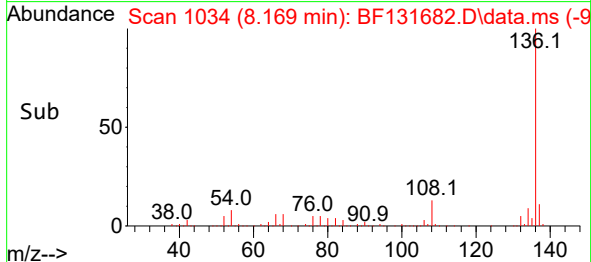
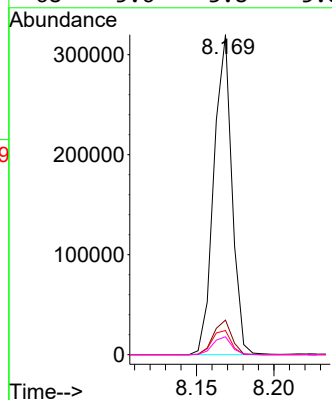
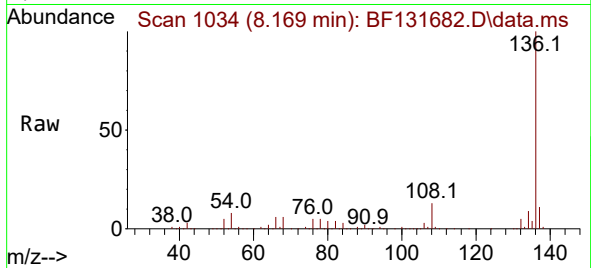




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

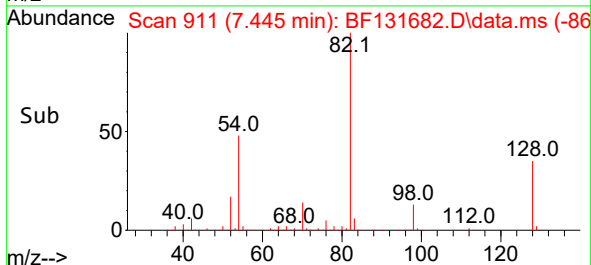
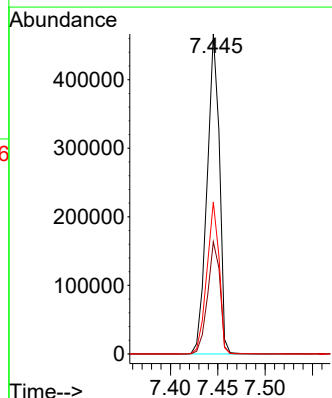
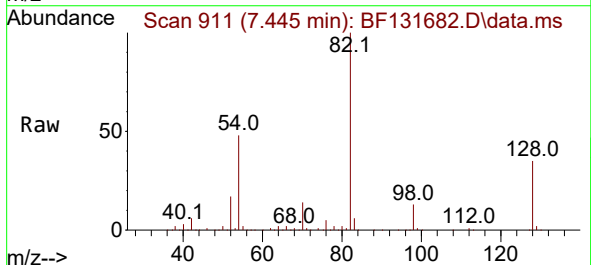
Instrument :
BNA_F
ClientSampleId :
TP-Q

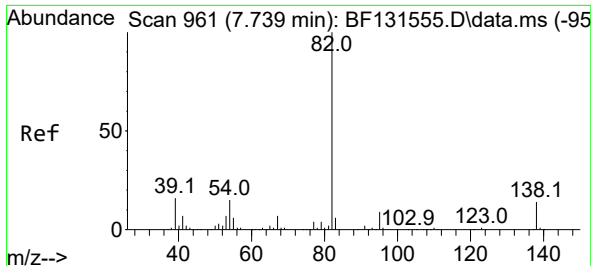
Tgt Ion:136 Resp: 258837
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 7.5 6.0 9.0
68 5.6 3.8 5.8



#23
Nitrobenzene-d5
Concen: 61.925 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

Tgt Ion: 82 Resp: 423956
Ion Ratio Lower Upper
82 100
128 35.0 26.1 39.1
54 47.5 40.6 60.8

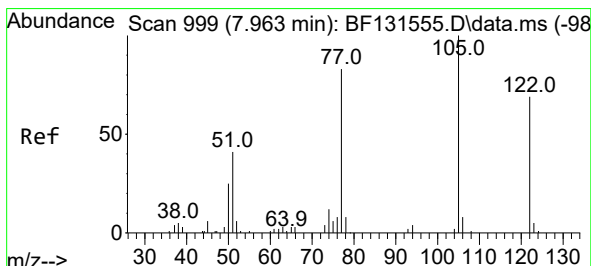
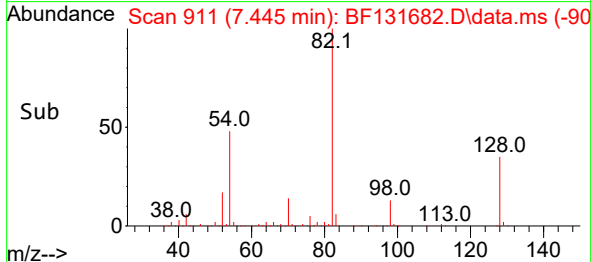
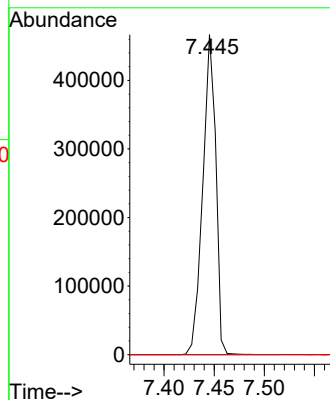
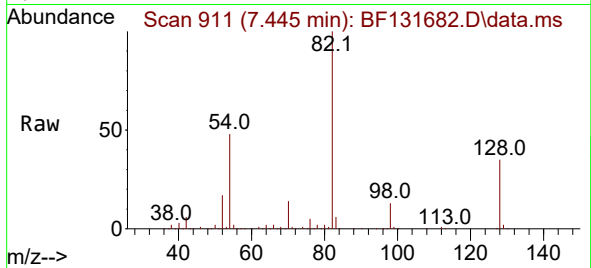




#25
Isophorone
Concen: 38.444 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

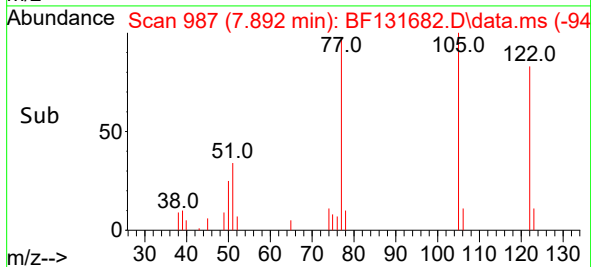
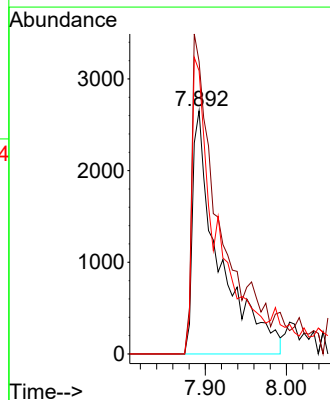
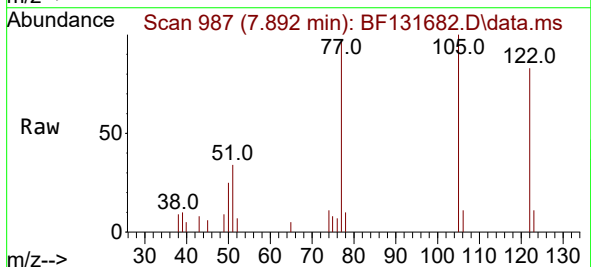
Instrument :
BNA_F
ClientSampleId :
TP-Q

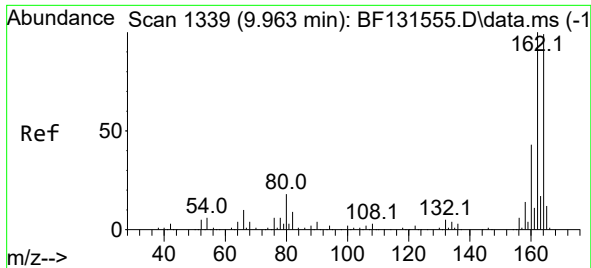
Tgt Ion: 82 Resp: 423952
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#32
Benzoic acid
Concen: 2.295 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.059 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

Tgt Ion: 122 Resp: 5999
Ion Ratio Lower Upper
122 100
105 120.2 119.8 159.8
77 116.4 97.6 137.6

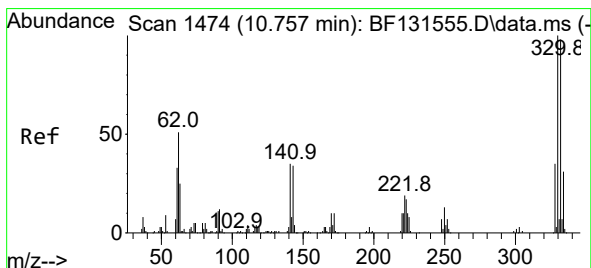
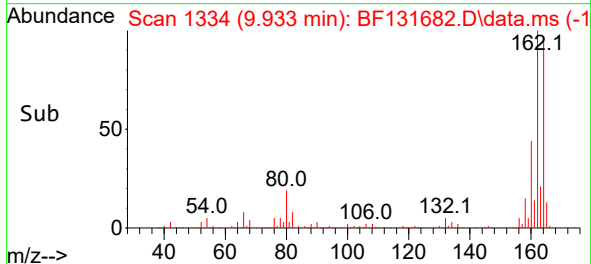
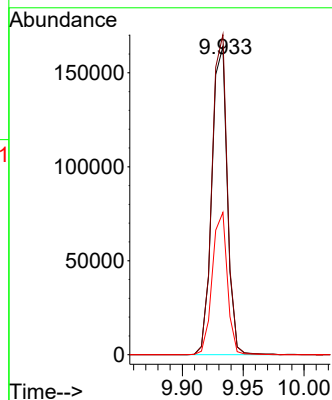
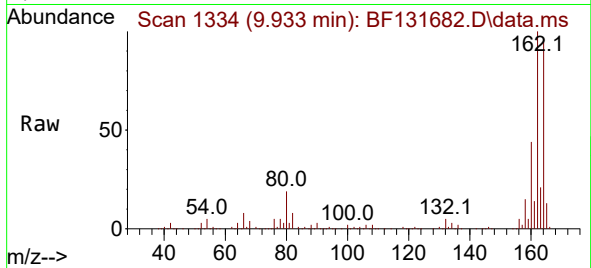




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

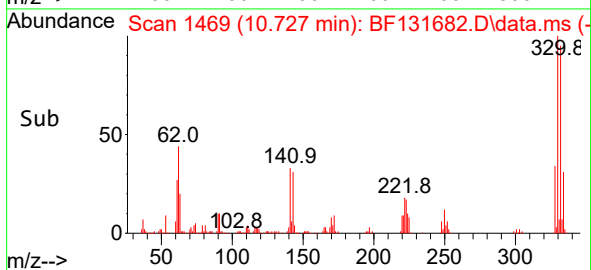
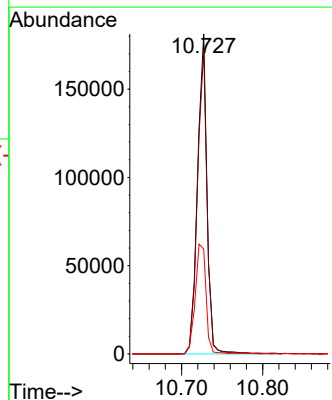
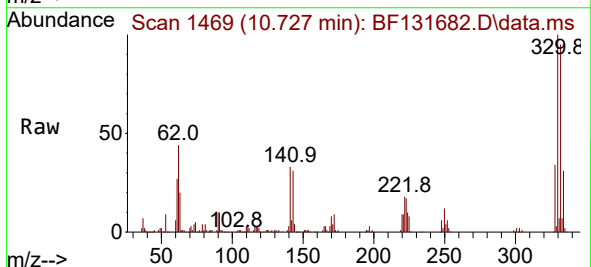
Instrument :
BNA_F
ClientSampleId :
TP-Q

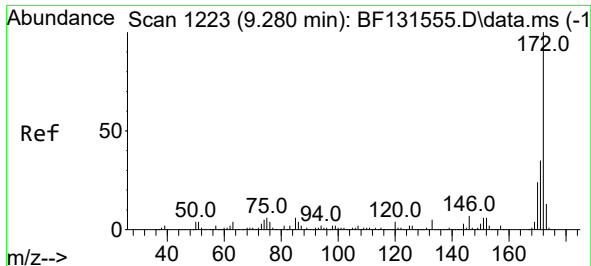
Tgt Ion:164 Resp: 144661
Ion Ratio Lower Upper
164 100
162 103.9 81.0 121.6
160 46.2 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 92.487 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

Tgt Ion:330 Resp: 148648
Ion Ratio Lower Upper
330 100
332 95.9 78.3 117.5
141 38.9 32.6 49.0





#45

2-Fluorobiphenyl

Concen: 58.502 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131682.D

Acq: 16 Dec 2022 23:39

Instrument :

BNA_F

ClientSampleId :

TP-Q

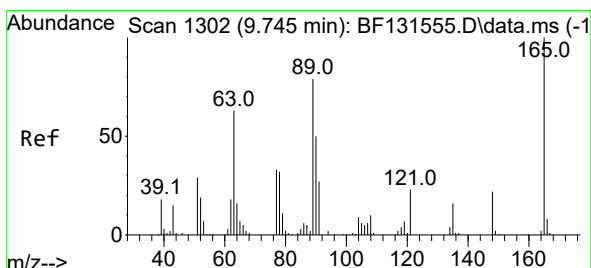
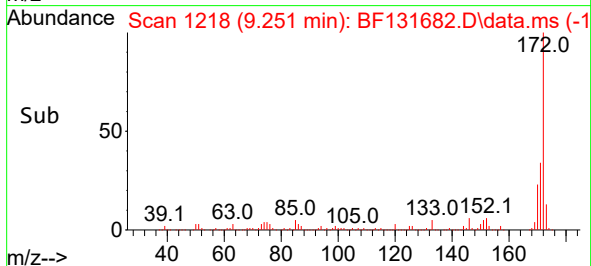
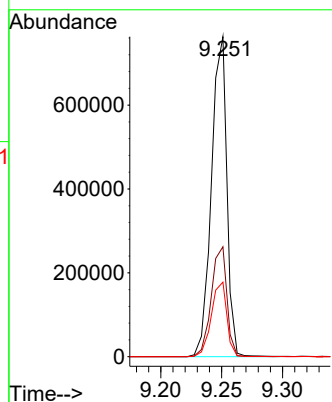
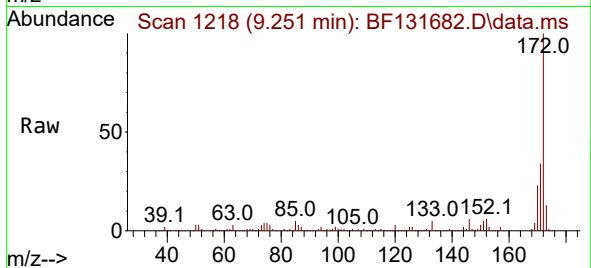
Tgt Ion:172 Resp: 671200

Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.3 19.3 28.9



#51

2,6-Dinitrotoluene

Concen: 8.190 ng

RT: 9.933 min Scan# 1334

Delta R.T. 0.212 min

Lab File: BF131682.D

Acq: 16 Dec 2022 23:39

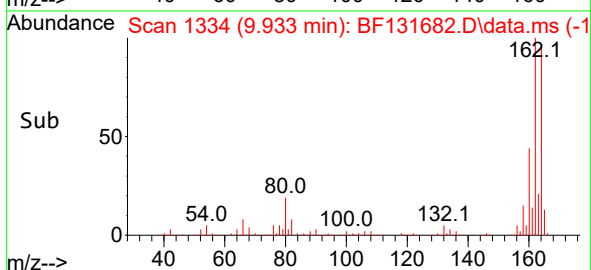
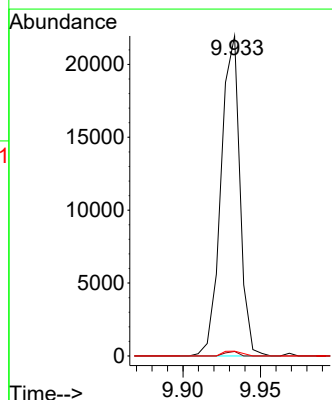
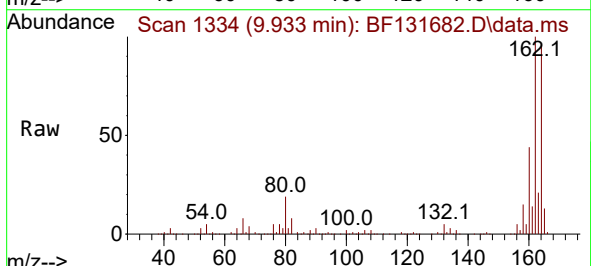
Tgt Ion:165 Resp: 18645

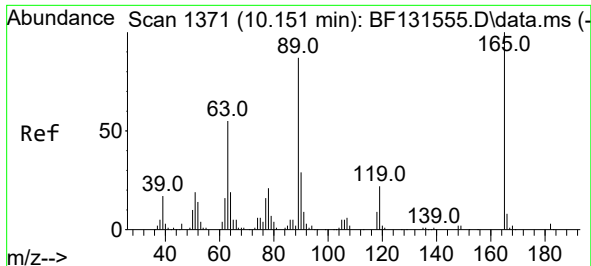
Ion Ratio Lower Upper

165 100

63 1.4 67.9 101.9#

89 1.5 63.2 94.8#

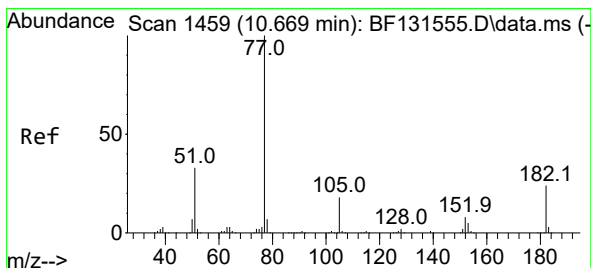
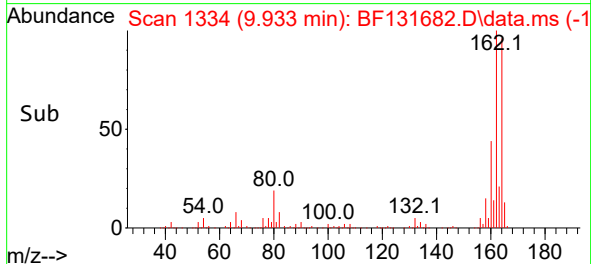
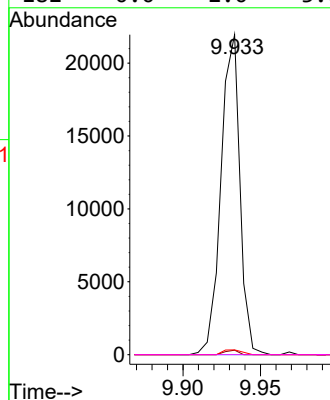
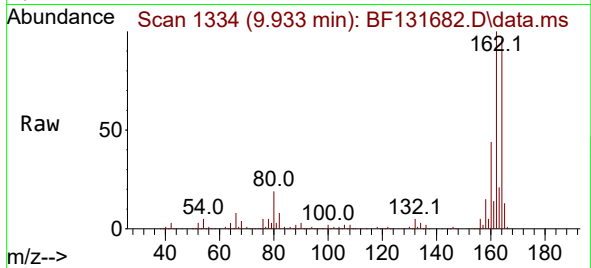




#57
2,4-Dinitrotoluene
Concen: 6.174 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

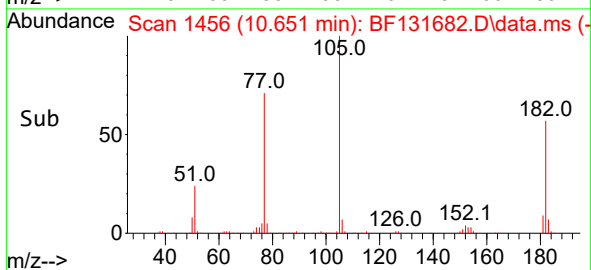
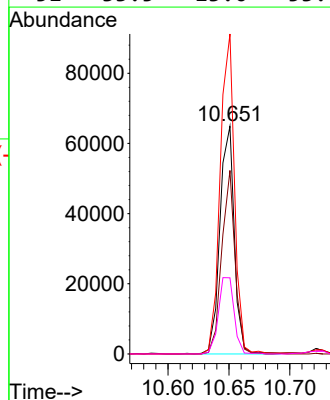
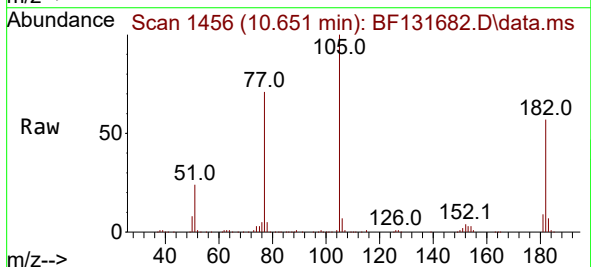
Instrument :
BNA_F
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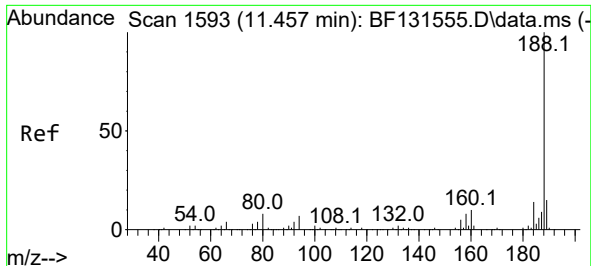
Tgt Ion:165 Resp: 18645
Ion Ratio Lower Upper
165 100
63 1.4 44.4 66.6#
89 1.5 69.6 104.4#
182 0.0 2.0 3.0#



#63
Azobenzene
Concen: 4.451 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.012 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

Tgt Ion: 77 Resp: 53724
Ion Ratio Lower Upper
77 100
182 80.6 3.9 43.9#
105 140.5 0.0 38.3#
51 33.5 13.0 53.0

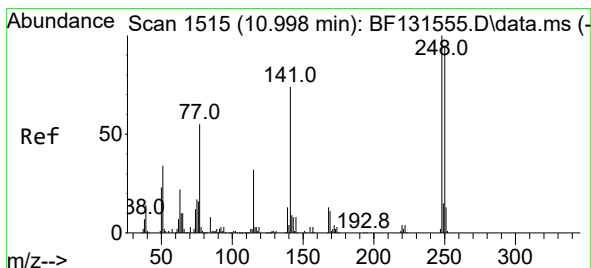
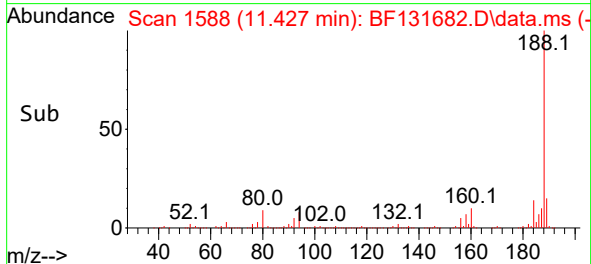
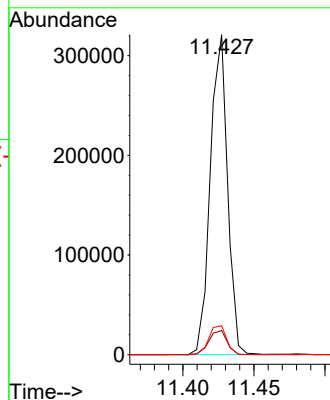
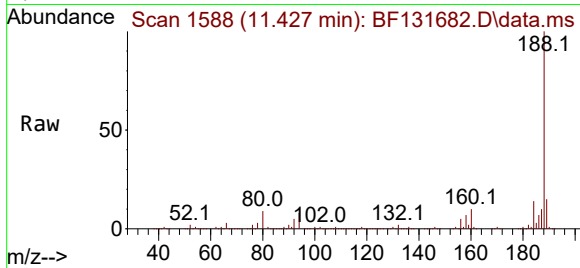




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

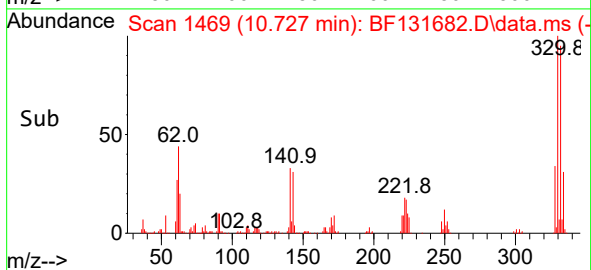
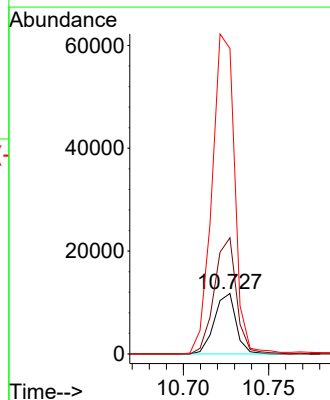
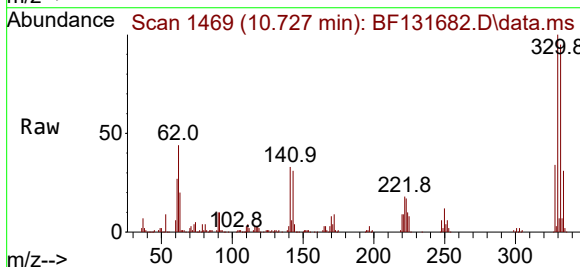
Instrument :
BNA_F
ClientSampleId :
TP-Q

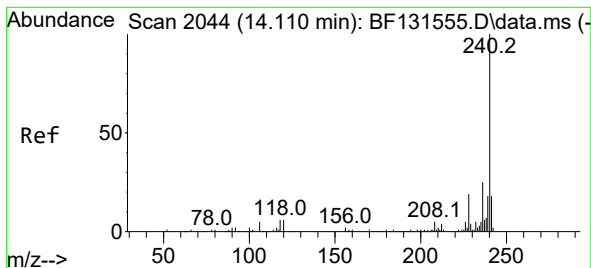
Tgt Ion:188 Resp: 270726
Ion Ratio Lower Upper
188 100
94 7.6 5.5 8.3
80 9.1 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 2.988 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

Tgt Ion:248 Resp: 10408
Ion Ratio Lower Upper
248 100
250 192.1 76.2 114.2#
141 505.1 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: BF131682.D

Acq: 16 Dec 2022 23:39

Instrument :

BNA_F

ClientSampleId :

TP-Q

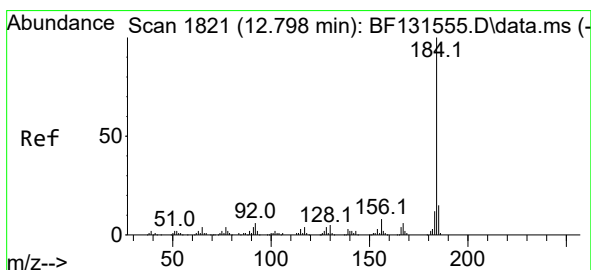
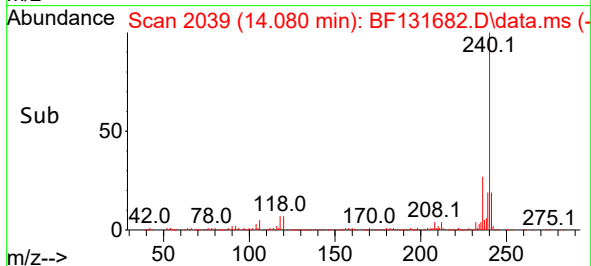
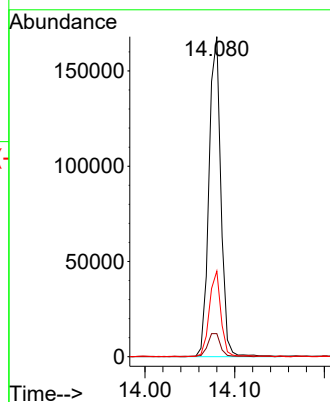
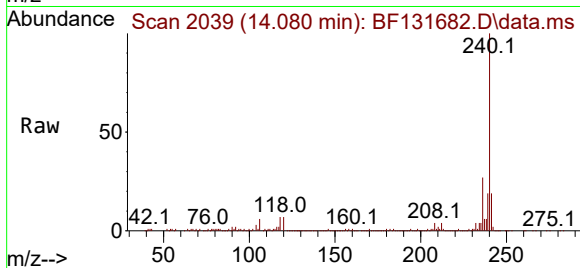
Tgt Ion:240 Resp: 154899

Ion Ratio Lower Upper

240 100

120 7.2 4.6 7.0#

236 26.7 20.2 30.2



#77

Benzidine

Concen: 2.410 ng

RT: 13.021 min Scan# 1859

Delta R.T. 0.247 min

Lab File: BF131682.D

Acq: 16 Dec 2022 23:39

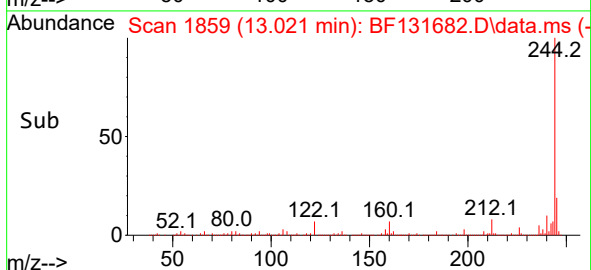
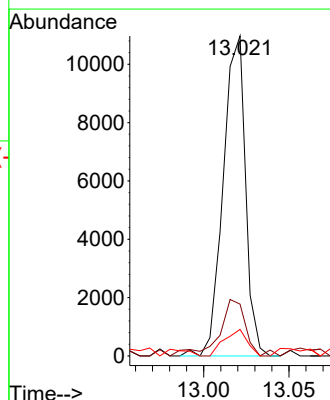
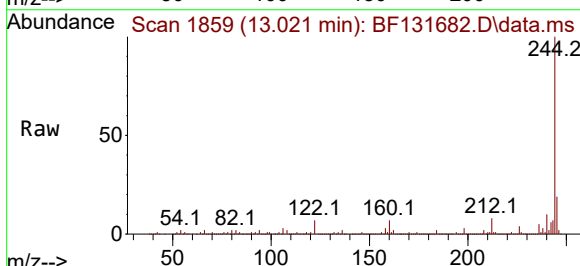
Tgt Ion:184 Resp: 10003

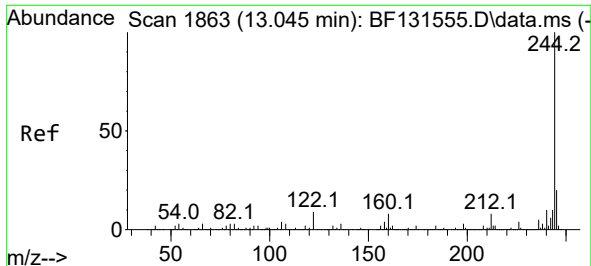
Ion Ratio Lower Upper

184 100

185 16.2 12.2 18.2

183 8.3 9.3 13.9#

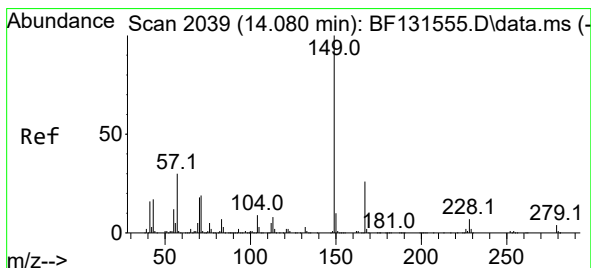
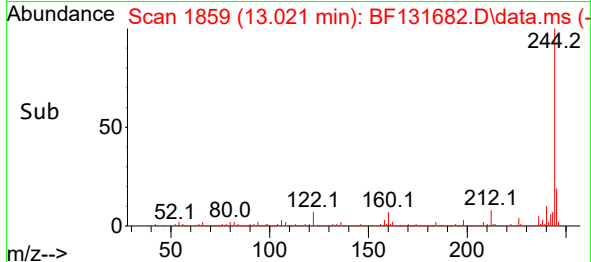
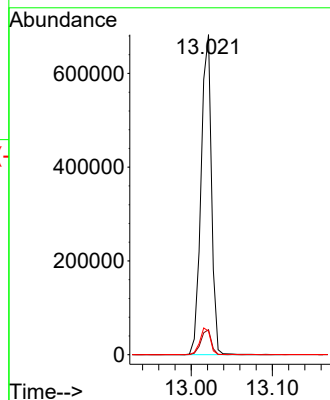
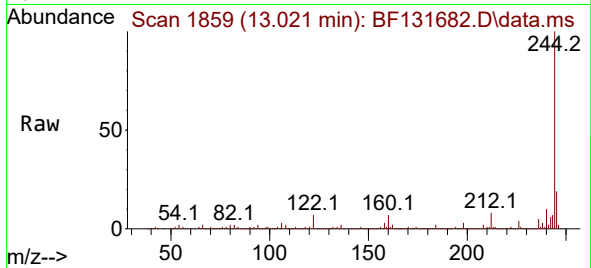




#79
 Terphenyl-d14
 Concen: 53.962 ng
 RT: 13.021 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: BF131682.D
 Acq: 16 Dec 2022 23:39

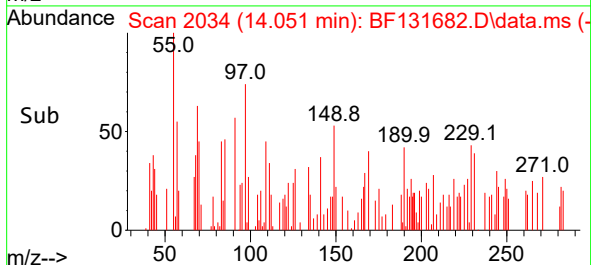
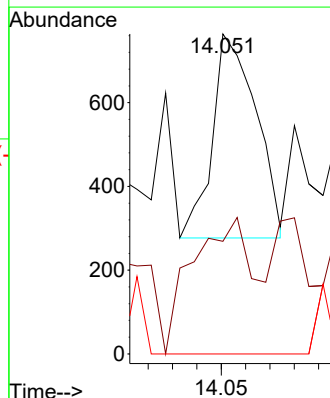
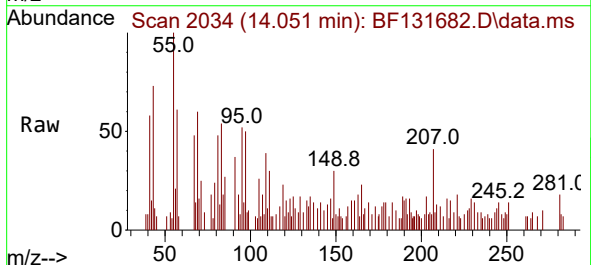
Instrument :
 BNA_F
 ClientSampleId :
 TP-Q

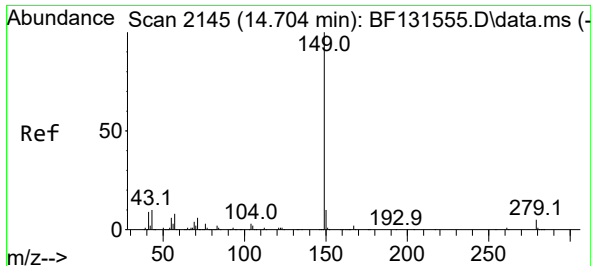
Tgt Ion:244 Resp: 609494
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 7.4 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.127 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.006 min
 Lab File: BF131682.D
 Acq: 16 Dec 2022 23:39

Tgt Ion:149 Resp: 608
 Ion Ratio Lower Upper
 149 100
 167 35.2 20.8 31.2#
 279 0.0 3.3 4.9#

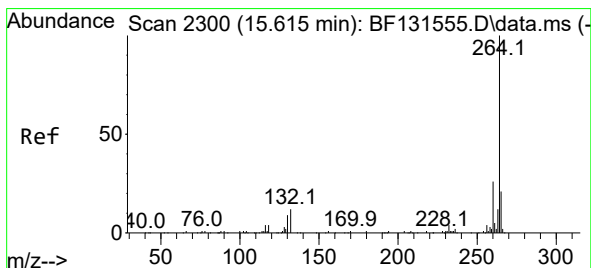
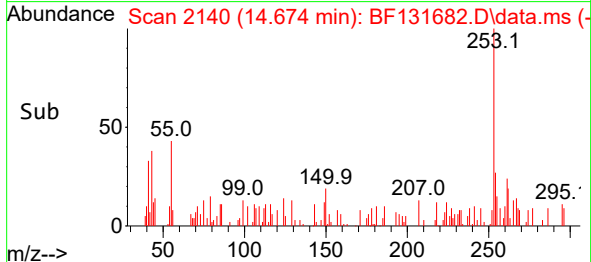
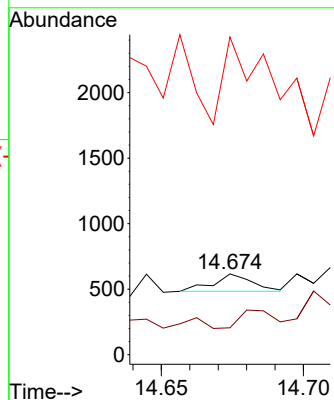
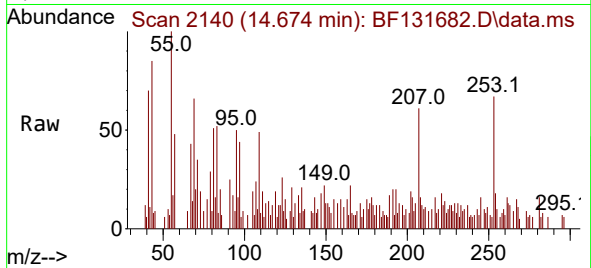




#85
Di-n-octyl phthalate
Concen: 5.230 ng
RT: 14.674 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

Instrument :
BNA_F
ClientSampleId :
TP-Q

Tgt Ion:149 Resp: 126
Ion Ratio Lower Upper
149 100
167 139.7 1.2 1.8#
43 704.8 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.006 min
Lab File: BF131682.D
Acq: 16 Dec 2022 23:39

Tgt Ion:264 Resp: 175964
Ion Ratio Lower Upper
264 100
260 23.0 20.6 30.8
265 22.6 16.8 25.2

