

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131614.D
 Acq On : 13 Dec 2022 16:07
 Operator : CG\JU
 Sample : N6005-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP

Quant Time: Dec 13 16:31:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 15:45:05 2022
 Response via : Initial Calibration

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

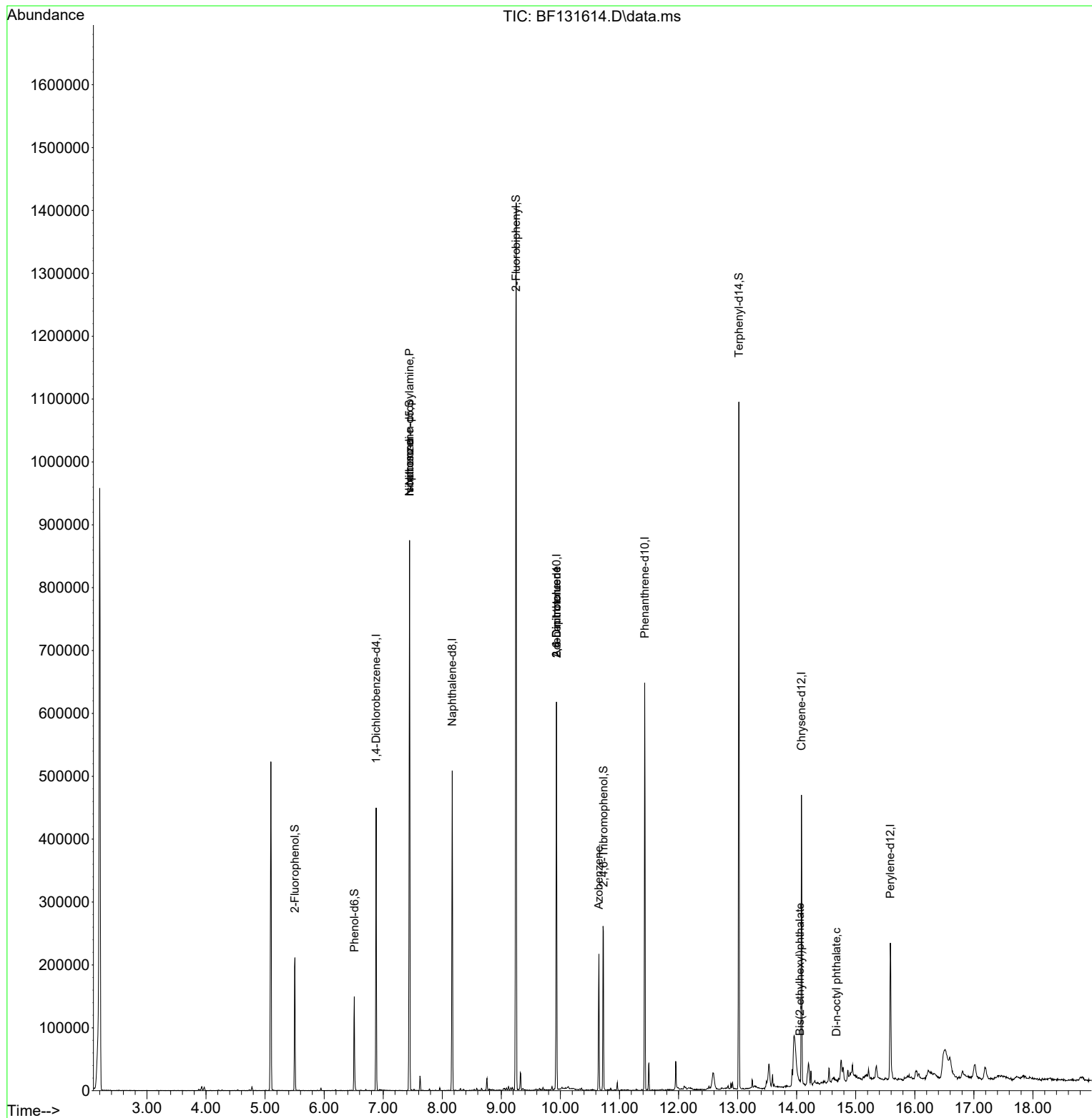
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	56697	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	202046	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	114524	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	220495	20.000	ng	0.00
76) Chrysene-d12	14.080	240	143699	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	102026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	49414	14.540	ng	0.00
7) Phenol-d6	6.510	99	41598	9.340	ng	-0.01
23) Nitrobenzene-d5	7.445	82	288129	53.915	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	28597	22.475	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	440598	48.508	ng	0.00
79) Terphenyl-d14	13.022	244	335007	31.972	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	40280	12.062	ng	# 75
25) Isophorone	7.445	82	288126	33.471	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	14329	7.950	ng	# 11
57) 2,4-Dinitrotoluene	9.933	165	14329	5.993	ng	# 17
63) Azobenzene	10.651	77	37248	3.898	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.057	149	1091	3.215	ng	# 87
85) Di-n-octyl phthalate	14.674	149	825	5.299	ng	# 1

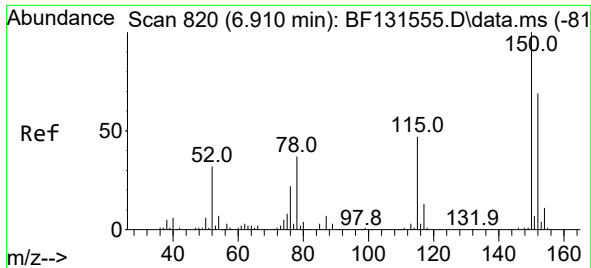
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
Data File : BF131614.D
Acq On : 13 Dec 2022 16:07
Operator : CG\JU
Sample : N6005-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP

Quant Time: Dec 13 16:31:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 15:45:05 2022
Response via : Initial Calibration

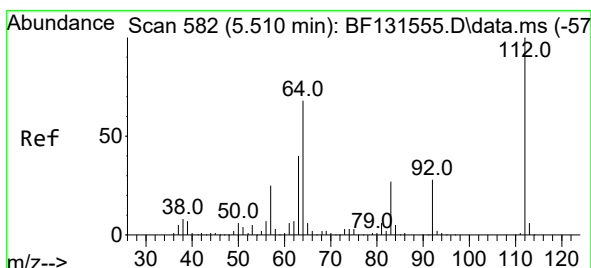
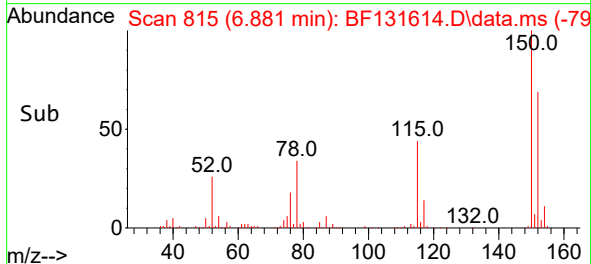
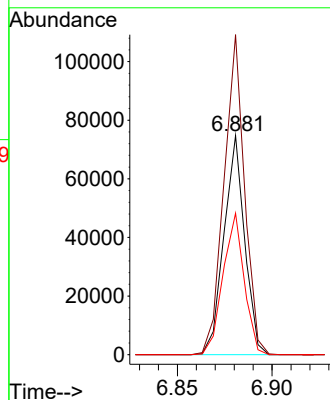
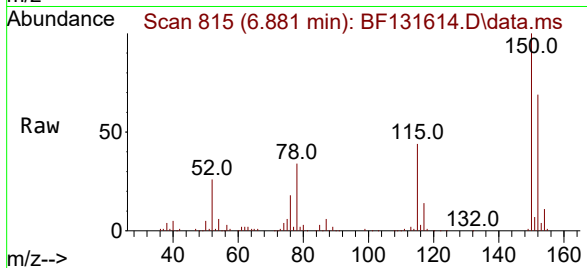




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

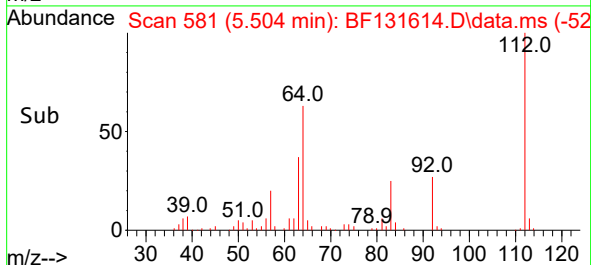
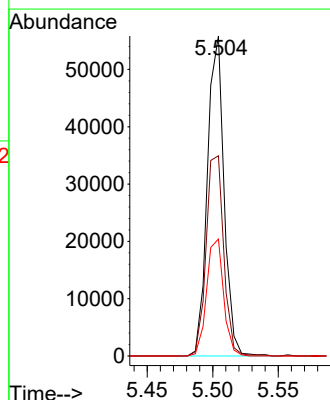
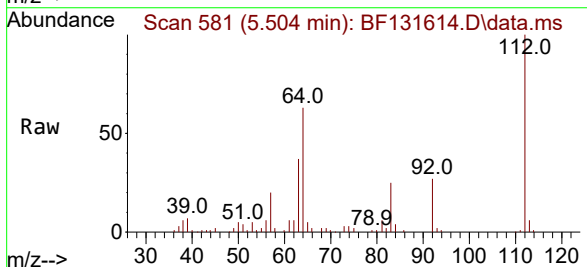
Instrument :
BNA_F
ClientSampleId :
TP

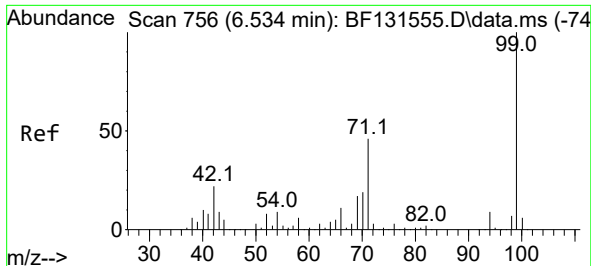
Tgt Ion:152 Resp: 56697
Ion Ratio Lower Upper
152 100
150 146.0 116.7 175.1
115 64.5 54.6 82.0



#5
2-Fluorophenol
Concen: 14.540 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

Tgt Ion:112 Resp: 49414
Ion Ratio Lower Upper
112 100
64 62.6 54.5 81.7
63 36.6 31.9 47.9

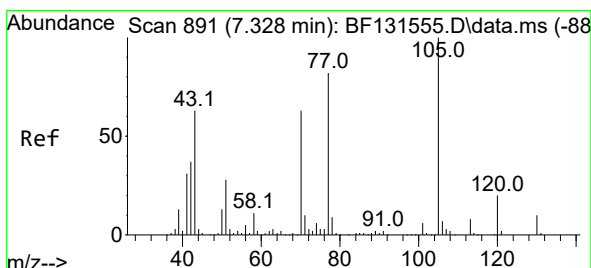
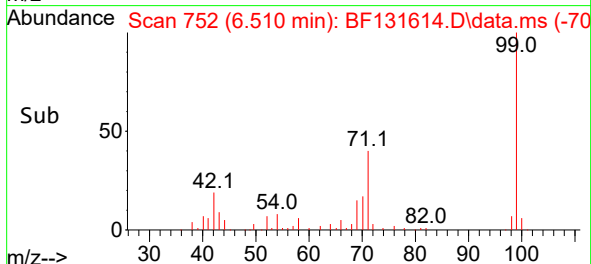
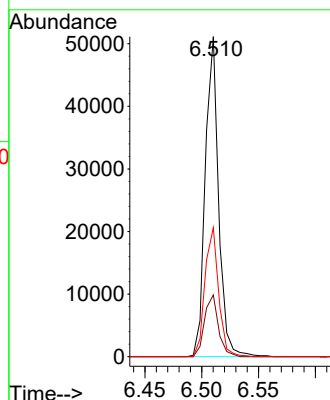
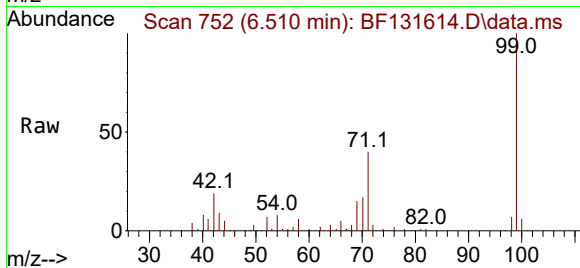




#7
Phenol-d6
Concen: 9.340 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

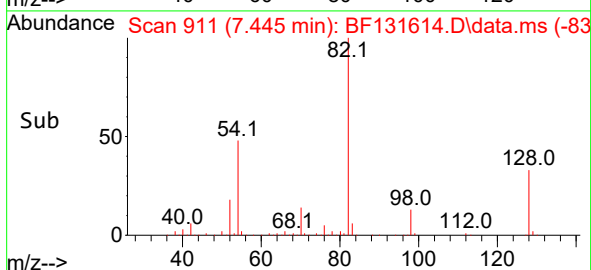
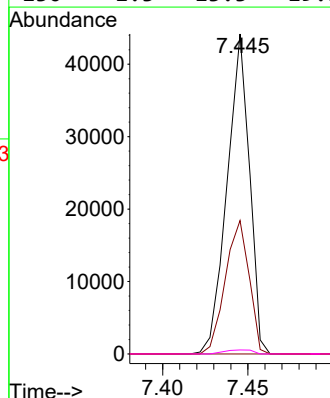
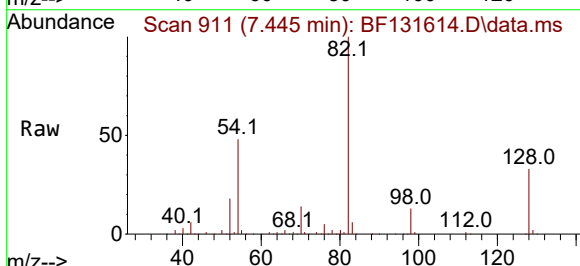
Instrument :
BNA_F
ClientSampleId :
TP

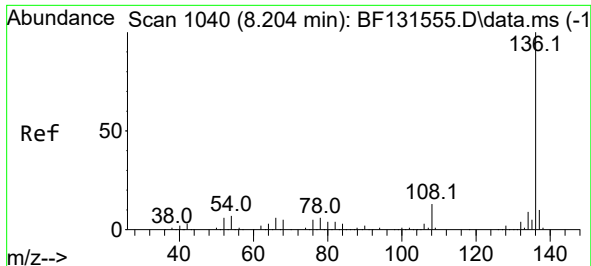
Tgt Ion: 99 Resp: 41598
Ion Ratio Lower Upper
99 100
42 19.3 17.9 26.9
71 40.3 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.062 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

Tgt Ion: 70 Resp: 40280
Ion Ratio Lower Upper
70 100
42 41.7 46.4 69.6#
101 0.0 7.2 10.8#
130 1.3 13.3 19.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131614.D

Acq: 13 Dec 2022 16:07

Instrument :

BNA_F

ClientSampleId :

TP

Tgt Ion:136 Resp: 202046

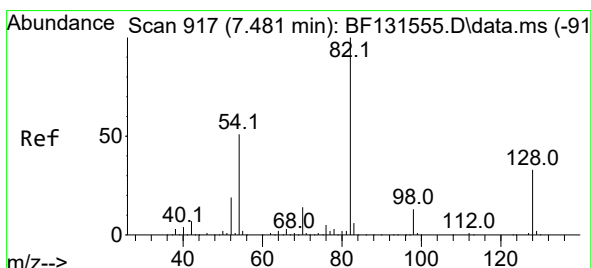
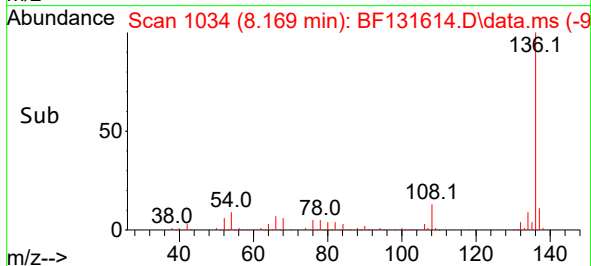
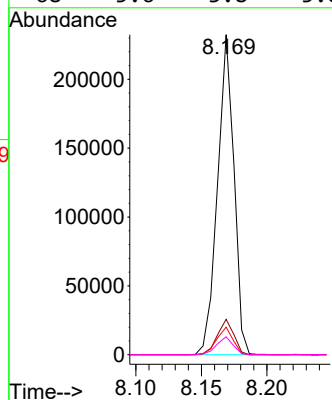
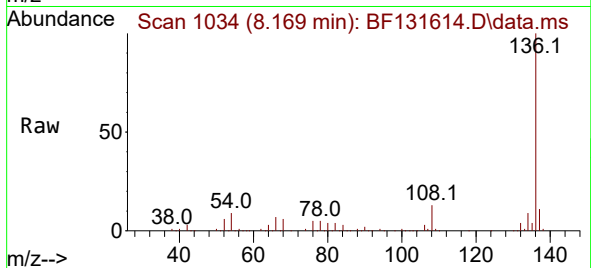
Ion Ratio Lower Upper

136 100

137 11.1 8.1 12.1

54 8.6 6.0 9.0

68 5.6 3.8 5.8



#23

Nitrobenzene-d5

Concen: 53.915 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF131614.D

Acq: 13 Dec 2022 16:07

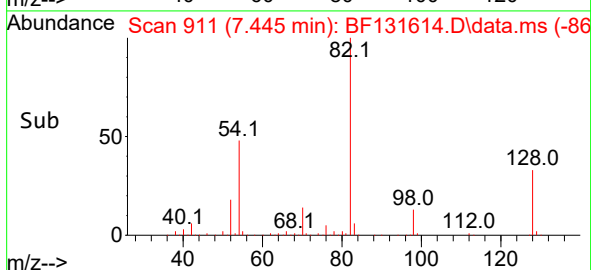
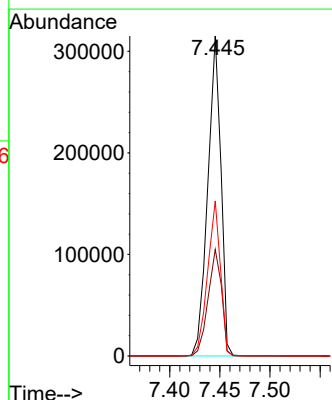
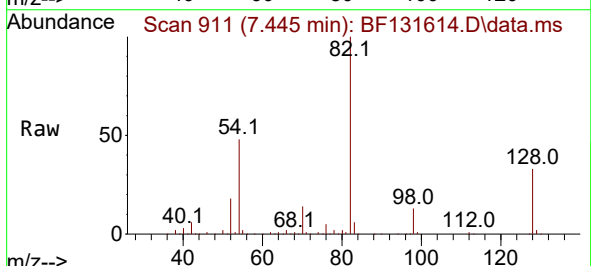
Tgt Ion: 82 Resp: 288129

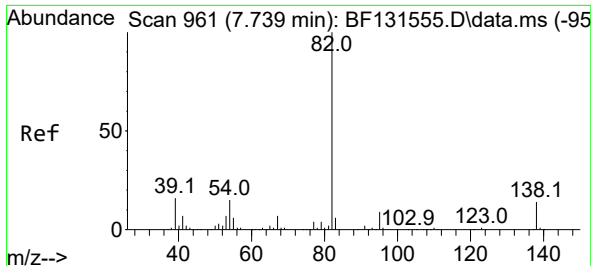
Ion Ratio Lower Upper

82 100

128 33.3 26.1 39.1

54 48.5 40.6 60.8

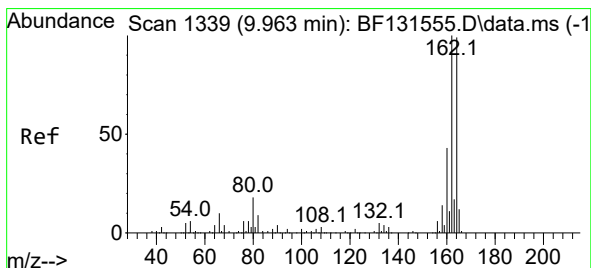
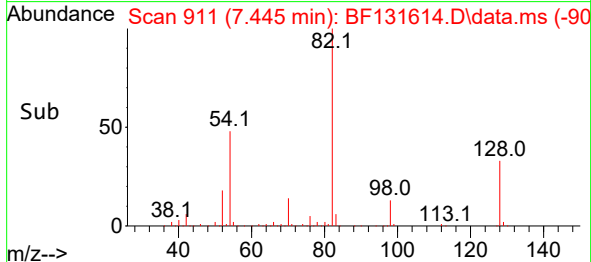
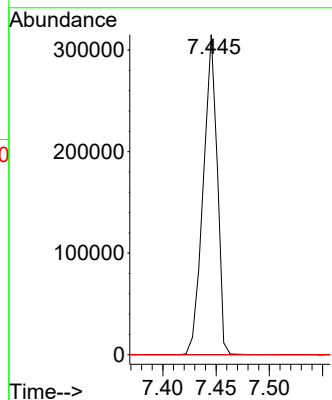
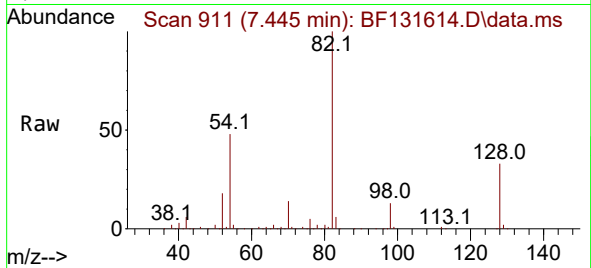




#25
Isophorone
Concen: 33.471 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

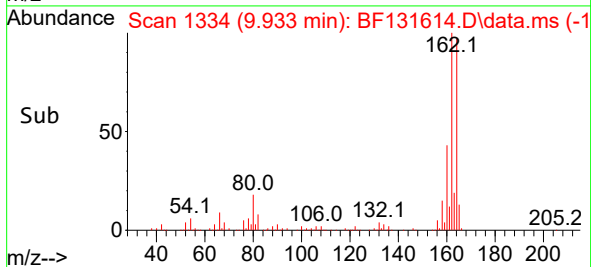
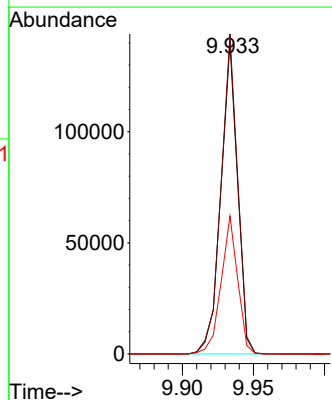
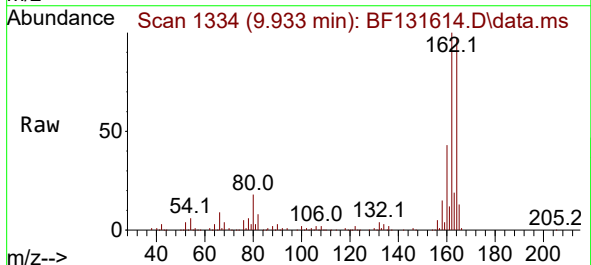
Instrument :
BNA_F
ClientSampleId :
TP

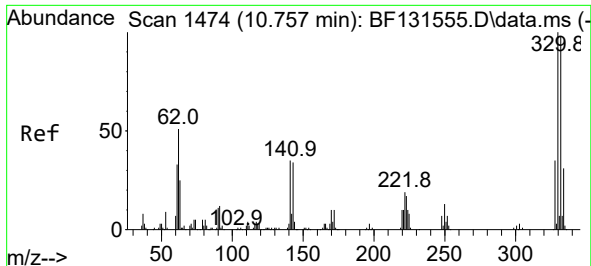
Tgt Ion: 82 Resp: 288126
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

Tgt Ion:164 Resp: 114524
Ion Ratio Lower Upper
164 100
162 102.8 81.0 121.6
160 44.4 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 22.475 ng

RT: 10.728 min Scan# 1474

Delta R.T. -0.006 min

Lab File: BF131614.D

Acq: 13 Dec 2022 16:07

Instrument :

BNA_F

ClientSampleId :

TP

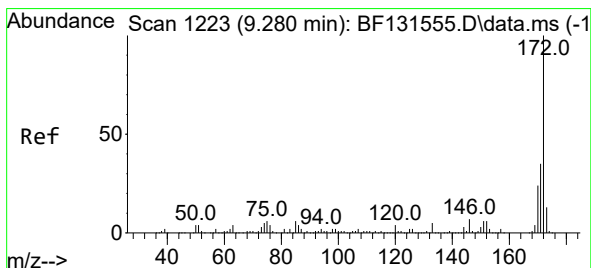
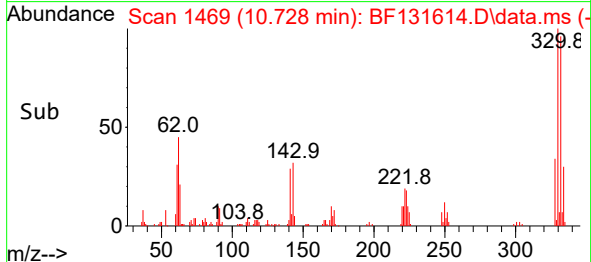
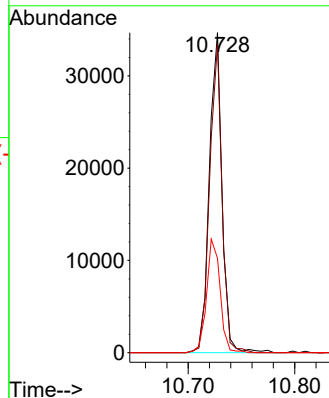
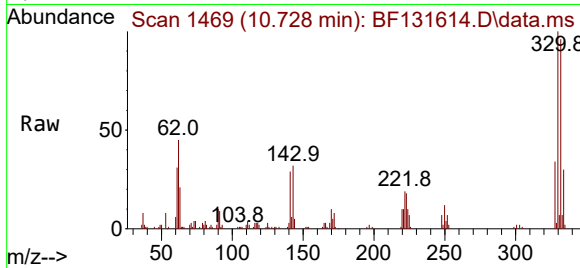
Tgt Ion:330 Resp: 28597

Ion Ratio Lower Upper

330 100

332 94.8 78.3 117.5

141 37.8 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 48.508 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131614.D

Acq: 13 Dec 2022 16:07

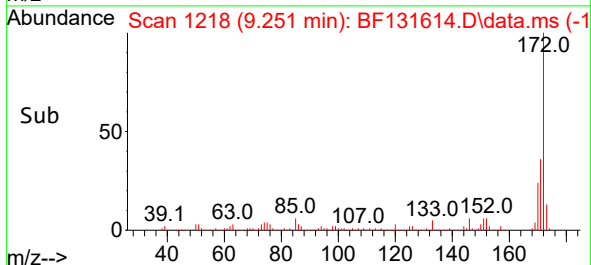
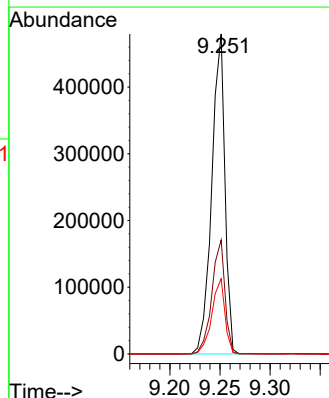
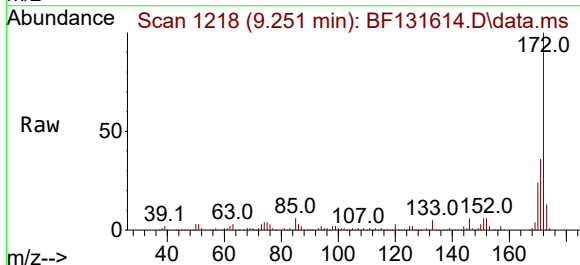
Tgt Ion:172 Resp: 440598

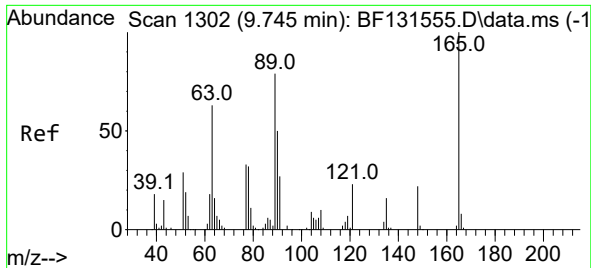
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.5 19.3 28.9

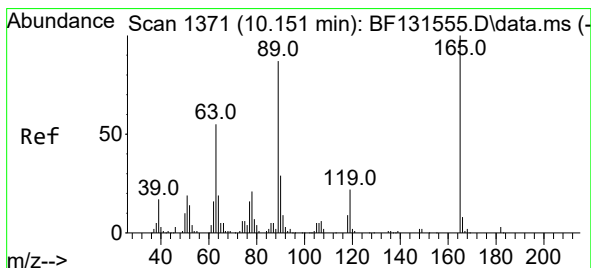
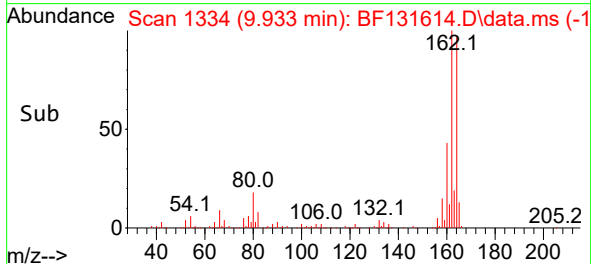
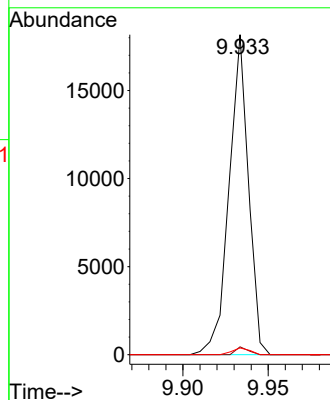
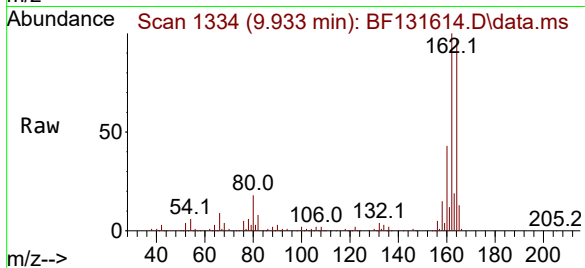




#51
2,6-Dinitrotoluene
Concen: 7.950 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

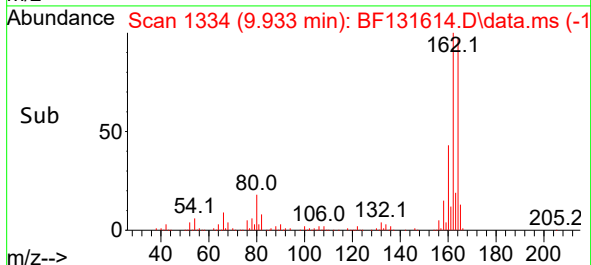
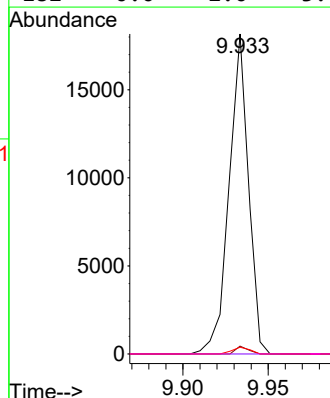
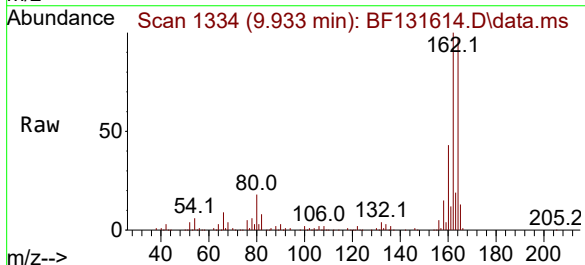
Instrument :
BNA_F
ClientSampleId :
TP

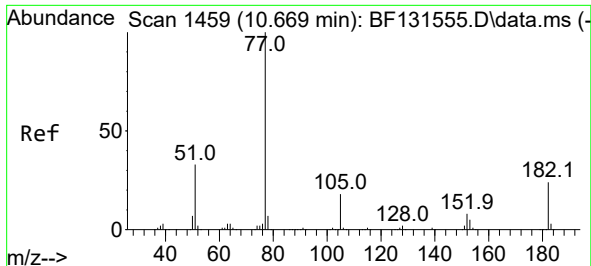
Tgt Ion:165 Resp: 14329
Ion Ratio Lower Upper
165 100
63 2.5 67.9 101.9#
89 2.1 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 5.993 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

Tgt Ion:165 Resp: 14329
Ion Ratio Lower Upper
165 100
63 2.5 44.4 66.6#
89 2.1 69.6 104.4#
182 0.0 2.0 3.0#

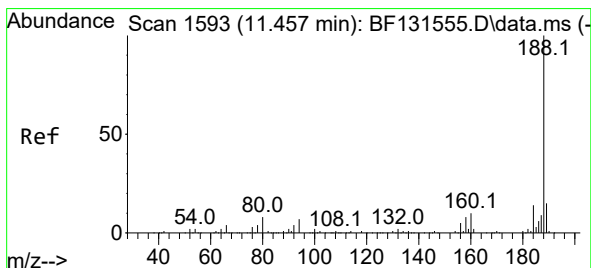
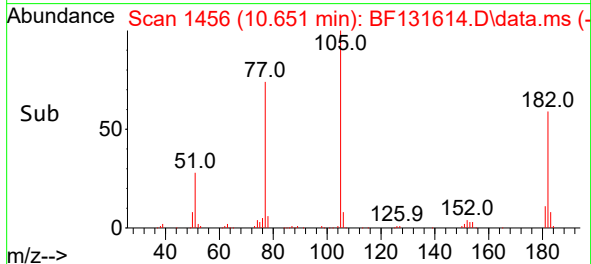
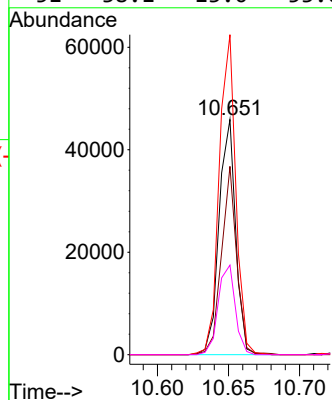
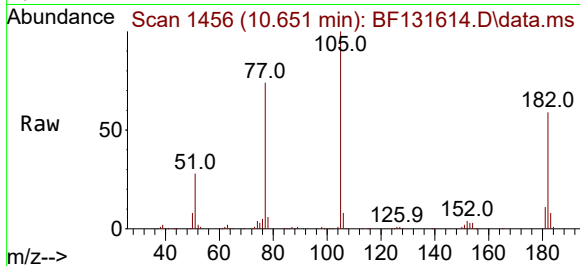




#63
Azobenzene
Concen: 3.898 ng
RT: 10.651 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

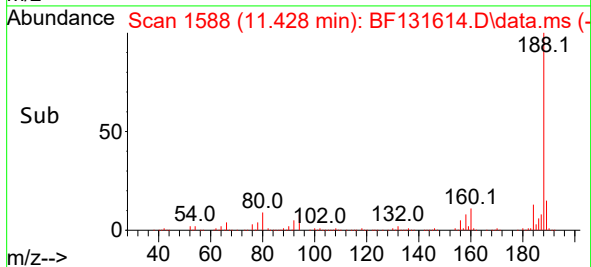
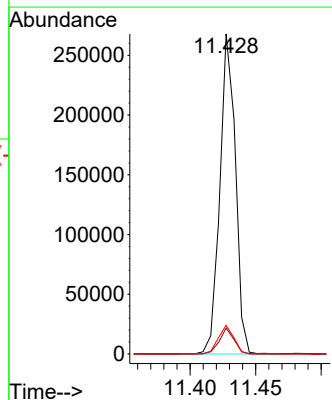
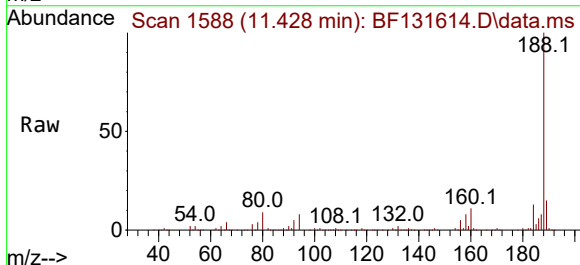
Instrument :
BNA_F
ClientSampleId :
TP

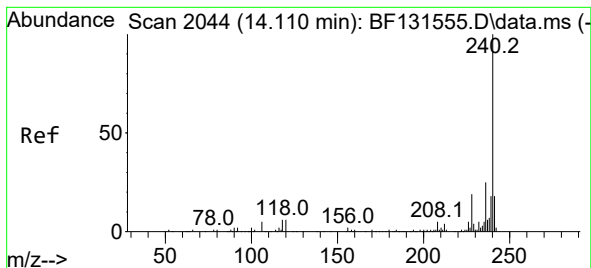
Tgt Ion: 77 Resp: 37248
Ion Ratio Lower Upper
77 100
182 80.1 3.9 43.9#
105 136.0 0.0 38.3#
51 38.1 13.0 53.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

Tgt Ion:188 Resp: 220495
Ion Ratio Lower Upper
188 100
94 8.1 5.5 8.3
80 9.0 6.6 10.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2044

Delta R.T. -0.006 min

Lab File: BF131614.D

Acq: 13 Dec 2022 16:07

Instrument :

BNA_F

ClientSampleId :

TP

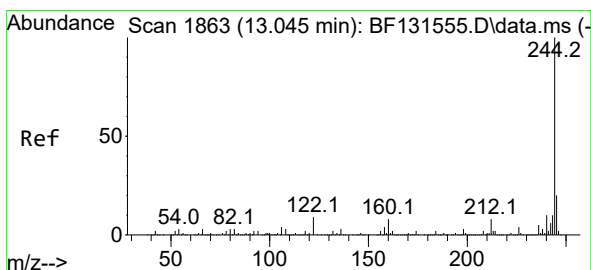
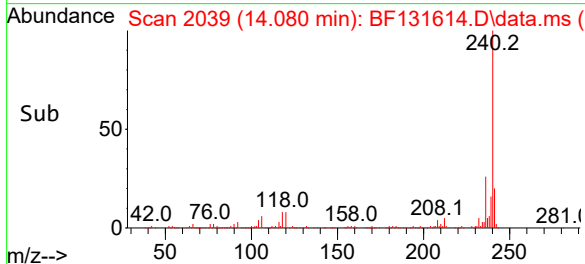
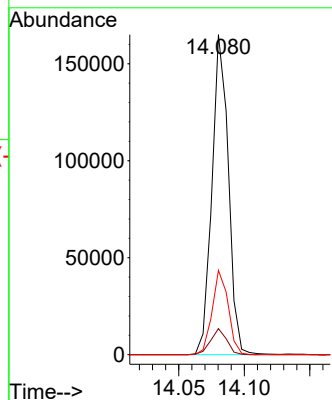
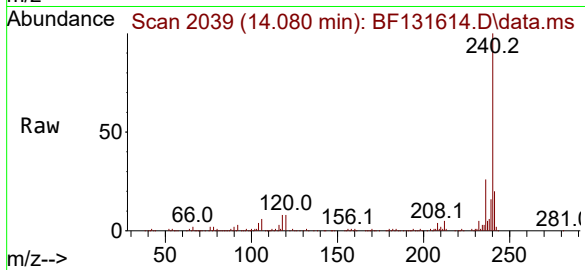
Tgt Ion:240 Resp: 143699

Ion Ratio Lower Upper

240 100

120 8.2 4.6 7.0#

236 26.4 20.2 30.2



#79

Terphenyl-d14

Concen: 31.972 ng

RT: 13.022 min Scan# 1859

Delta R.T. -0.006 min

Lab File: BF131614.D

Acq: 13 Dec 2022 16:07

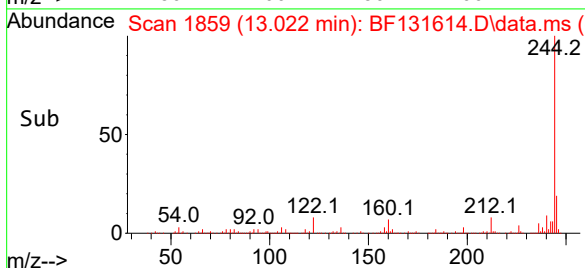
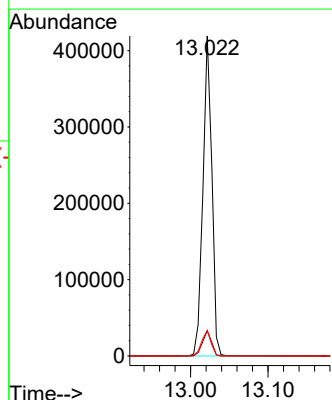
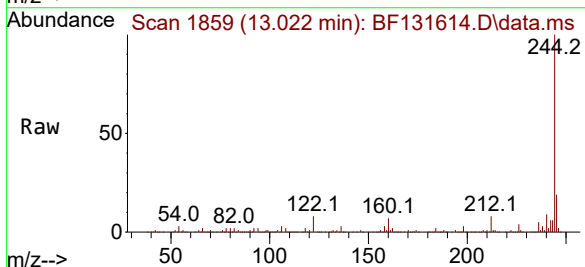
Tgt Ion:244 Resp: 335007

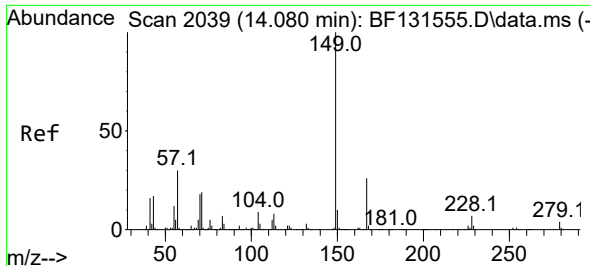
Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 8.0 7.1 10.7

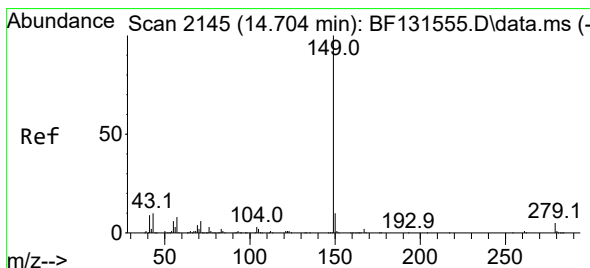
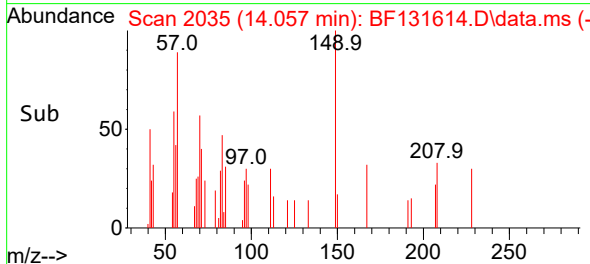
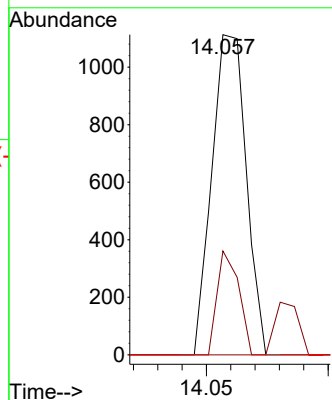
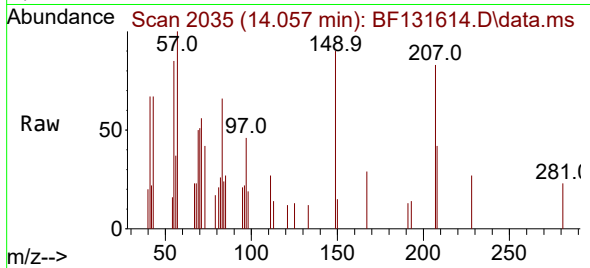




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.215 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

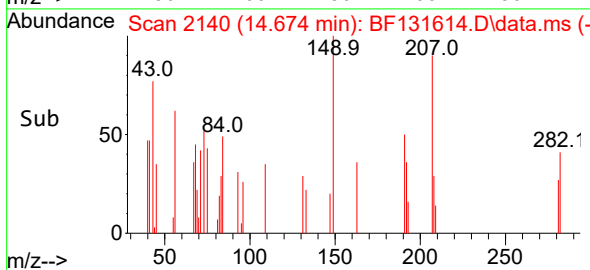
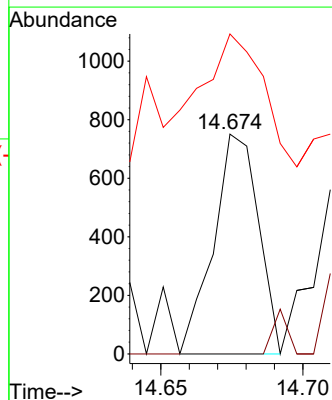
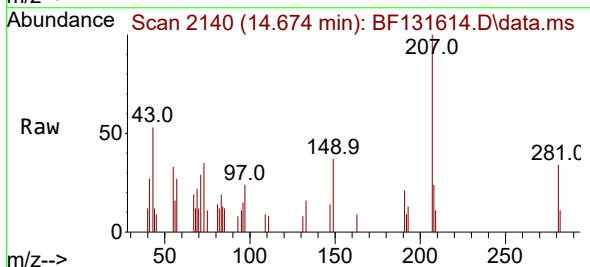
Instrument :
BNA_F
ClientSampleId :
TP

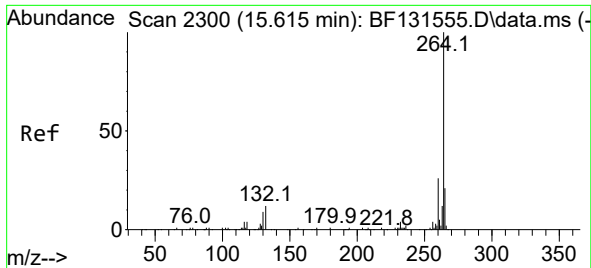
Tgt Ion:149 Resp: 1091
Ion Ratio Lower Upper
149 100
167 32.4 20.8 31.2#
279 0.0 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 5.299 ng
RT: 14.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

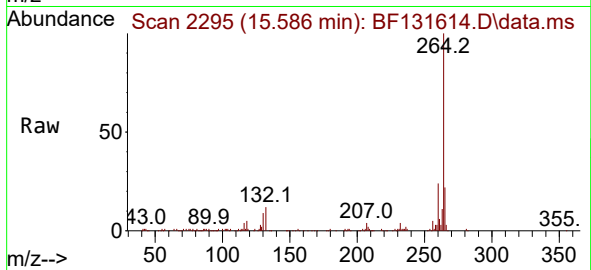
Tgt Ion:149 Resp: 825
Ion Ratio Lower Upper
149 100
167 6.5 1.2 1.8#
43 104.4 8.6 13.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131614.D
Acq: 13 Dec 2022 16:07

Instrument :
BNA_F
ClientSampleId :
TP



Tgt Ion:264 Resp: 102026
Ion Ratio Lower Upper
264 100
260 23.6 20.6 30.8
265 21.8 16.8 25.2

