

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131618.D
 Acq On : 13 Dec 2022 18:17
 Operator : CG\JU
 Sample : N5964-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-02

Quant Time: Dec 14 03:34:35 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)

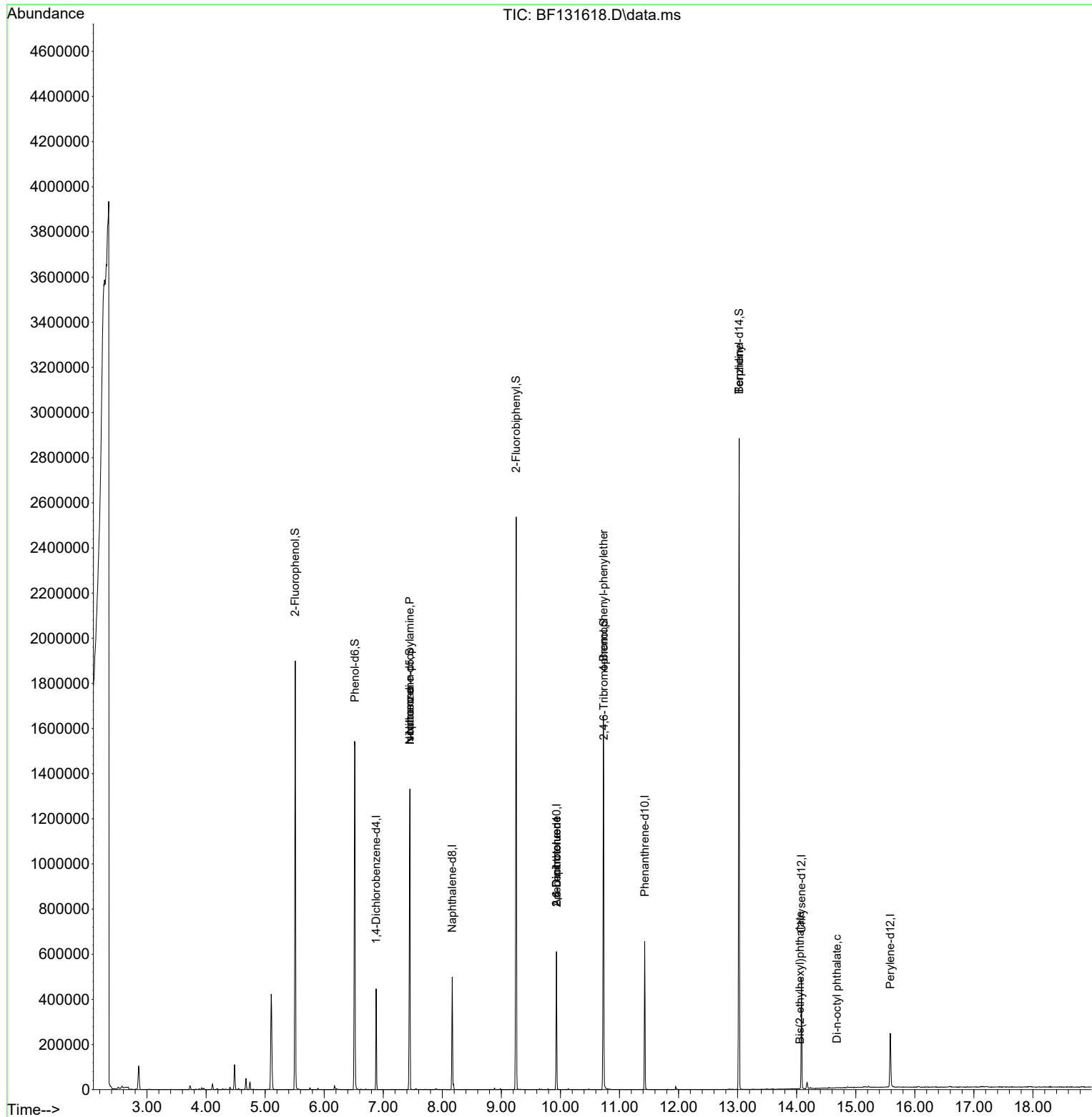
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	53793	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	192209	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	111625	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	215743	20.000	ng	0.00
76) Chrysene-d12	14.080	240	150879	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	112578	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	446489	138.470	ng	0.01
7) Phenol-d6	6.522	99	545993	129.217	ng	0.00
23) Nitrobenzene-d5	7.451	82	437267	86.009	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	186927	150.725	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	743203	83.949	ng	0.00
79) Terphenyl-d14	13.027	244	973041	88.444	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	62236	19.643	ng	# 78
25) Isophorone	7.451	82	437263	53.396	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	13852	7.885	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	13852	5.944	ng	# 16
67) 4-Bromophenyl-phenylether	10.728	248	13104	4.722	ng	# 1
77) Benzidine	13.027	184	14917	3.690	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.057	149	502	3.112	ng	# 76
85) Di-n-octyl phthalate	14.680	149	930	5.305	ng	# 67

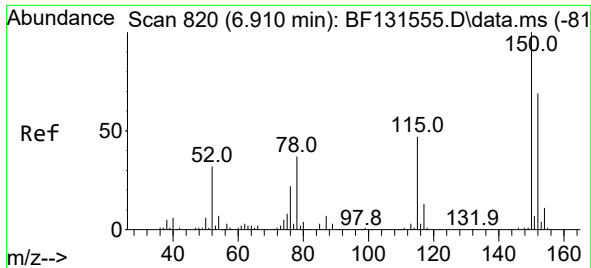
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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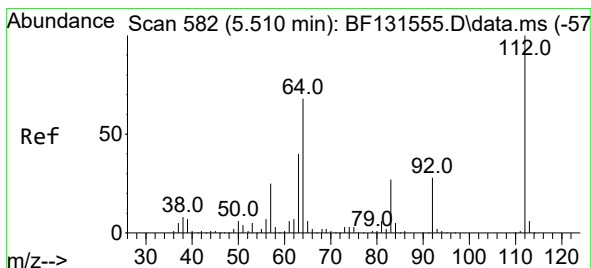
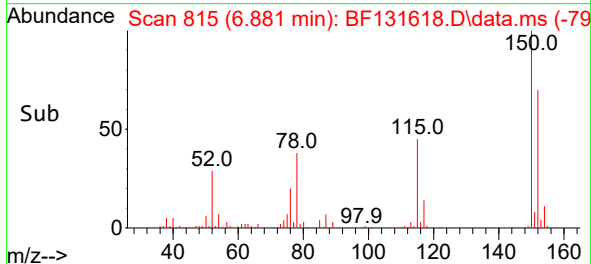
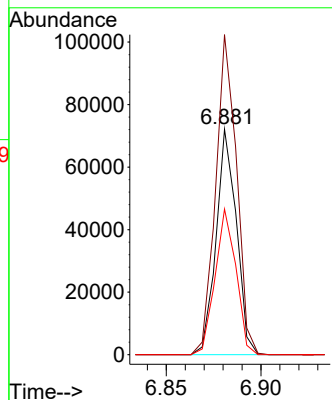
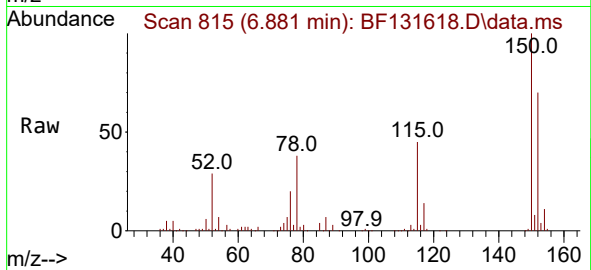




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131618.D
Acq: 13 Dec 2022 18:17

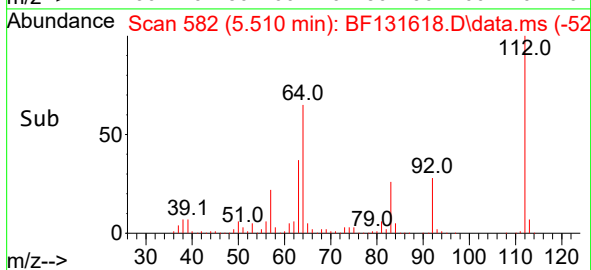
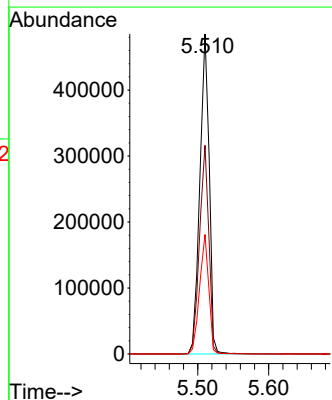
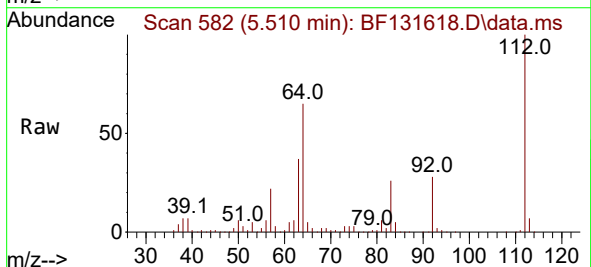
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-02

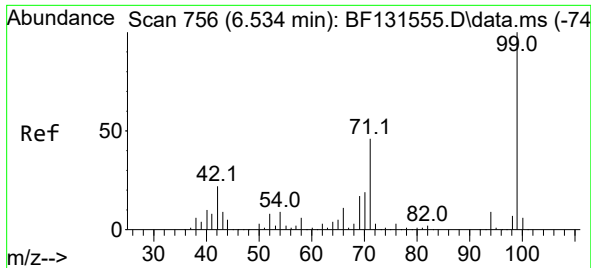
Tgt Ion:152 Resp: 53793
Ion Ratio Lower Upper
152 100
150 142.0 116.7 175.1
115 64.6 54.6 82.0



#5
2-Fluorophenol
Concen: 138.470 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF131618.D
Acq: 13 Dec 2022 18:17

Tgt Ion:112 Resp: 446489
Ion Ratio Lower Upper
112 100
64 65.2 54.5 81.7
63 37.4 31.9 47.9

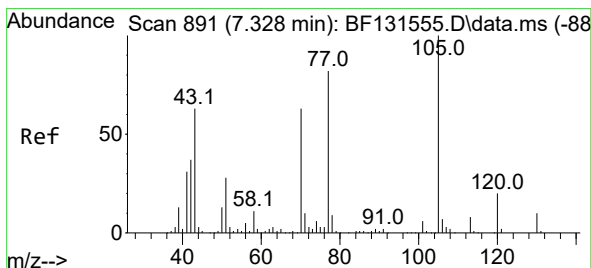
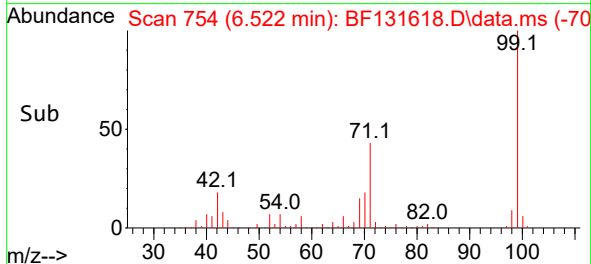
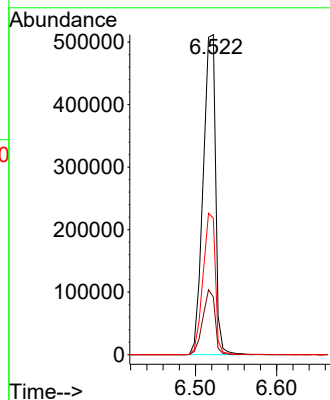
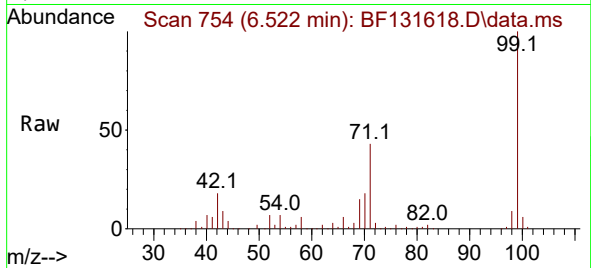




#7
Phenol-d6
Concen: 129.217 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131618.D
Acq: 13 Dec 2022 18:17

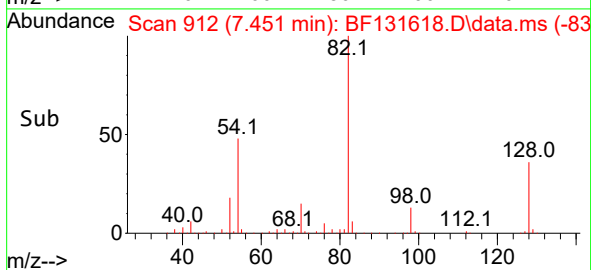
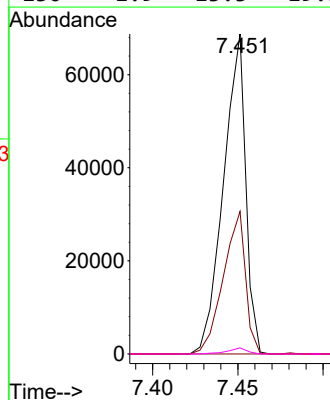
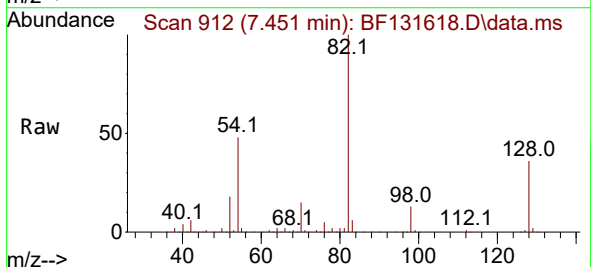
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-02

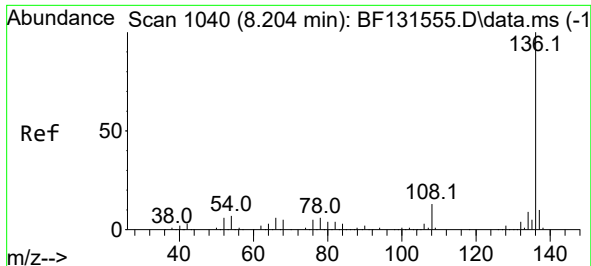
Tgt Ion: 99 Resp: 545993
Ion Ratio Lower Upper
99 100
42 18.0 17.9 26.9
71 42.6 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.643 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.153 min
Lab File: BF131618.D
Acq: 13 Dec 2022 18:17

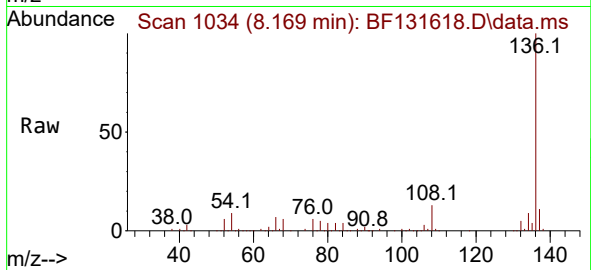
Tgt Ion: 70 Resp: 62236
Ion Ratio Lower Upper
70 100
42 44.5 46.4 69.6#
101 0.0 7.2 10.8#
130 1.9 13.3 19.9#



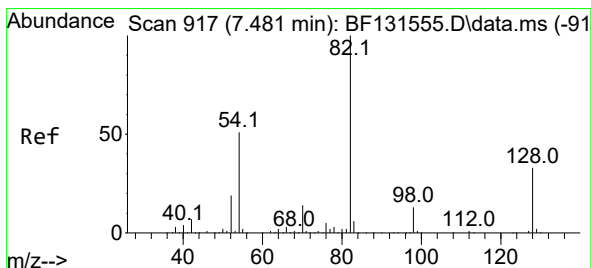
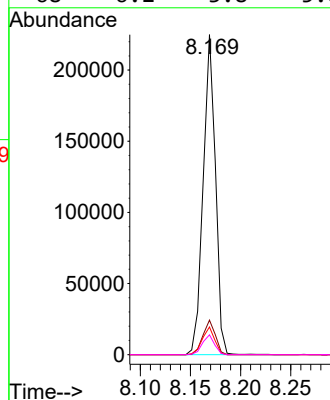
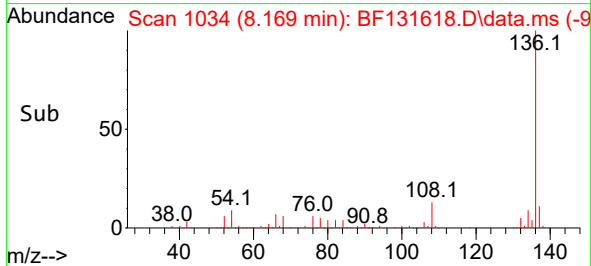


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131618.D
Acq: 13 Dec 2022 18:17

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-02

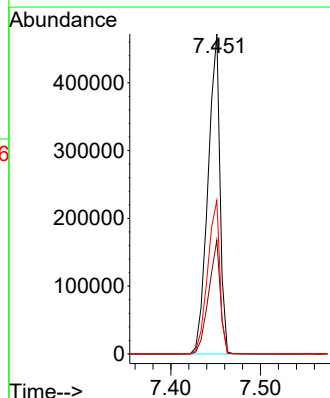
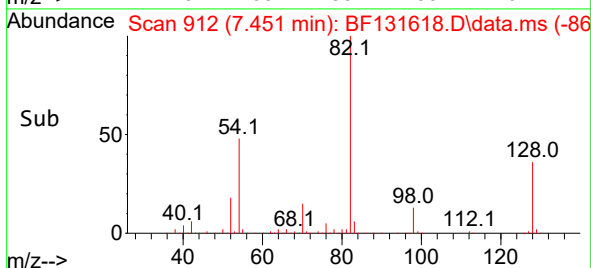
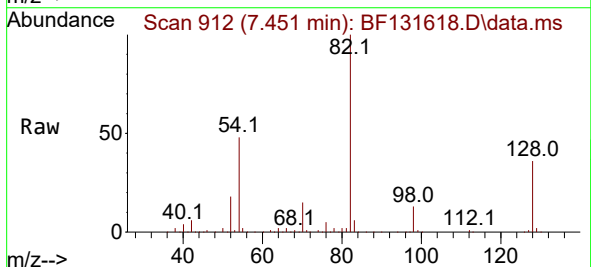


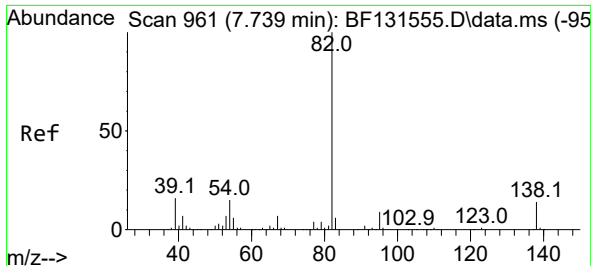
Tgt Ion:136 Resp: 192209
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.7 6.0 9.0
68 6.2 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 86.009 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF131618.D
Acq: 13 Dec 2022 18:17

Tgt Ion: 82 Resp: 437267
Ion Ratio Lower Upper
82 100
128 35.6 26.1 39.1
54 48.0 40.6 60.8

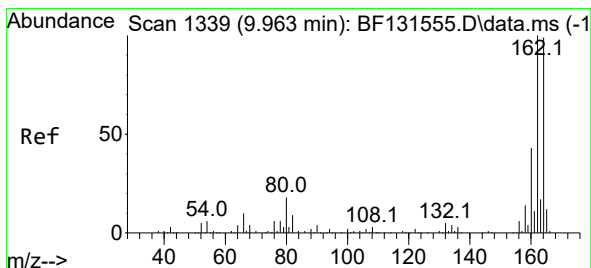
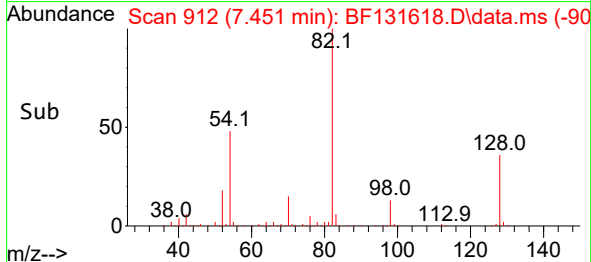
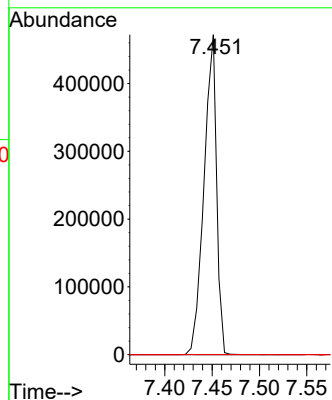
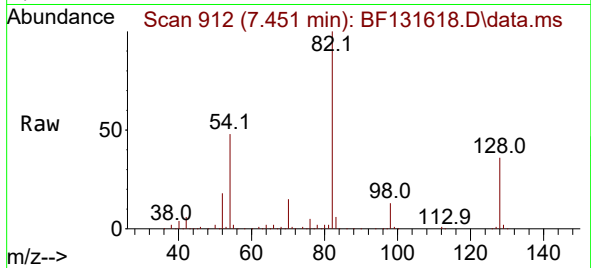




#25
Isophorone
Concen: 53.396 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131618.D
Acq: 13 Dec 2022 18:17

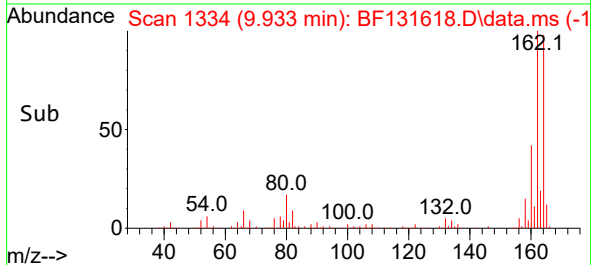
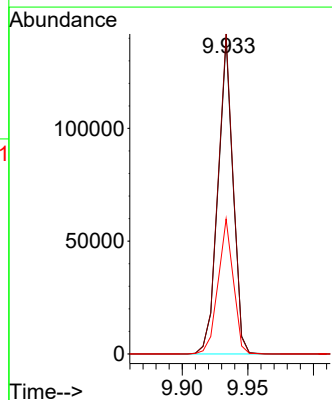
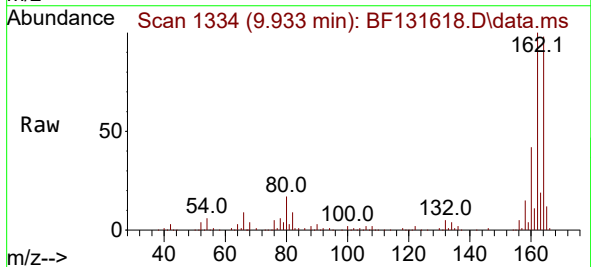
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-02

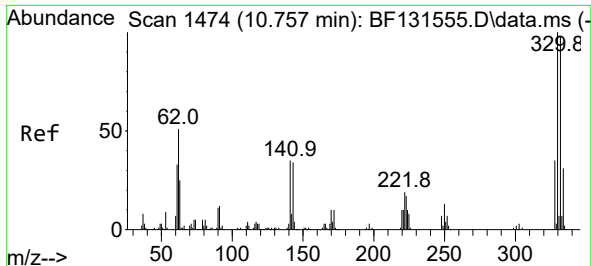
Tgt Ion: 82 Resp: 437263
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131618.D
Acq: 13 Dec 2022 18:17

Tgt Ion:164 Resp: 111625
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.6
160 42.9 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 150.725 ng

RT: 10.733 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BF131618.D

Acq: 13 Dec 2022 18:17

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-02

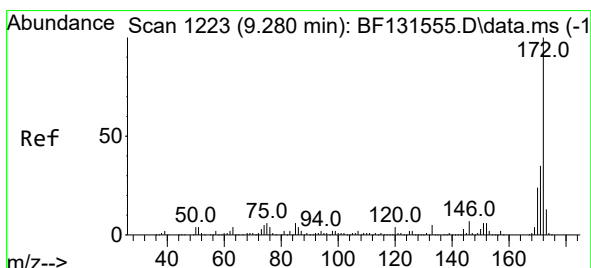
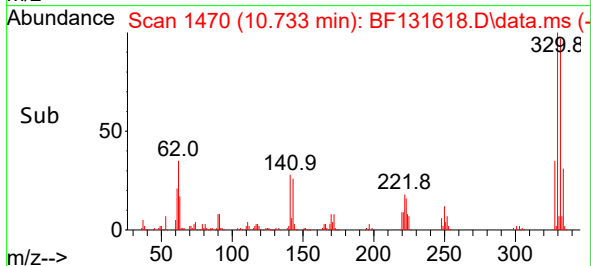
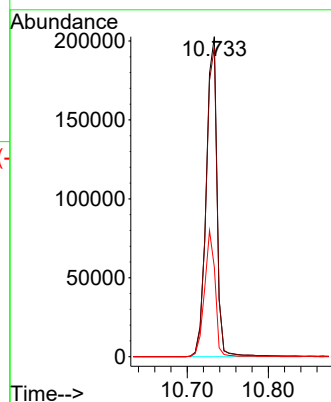
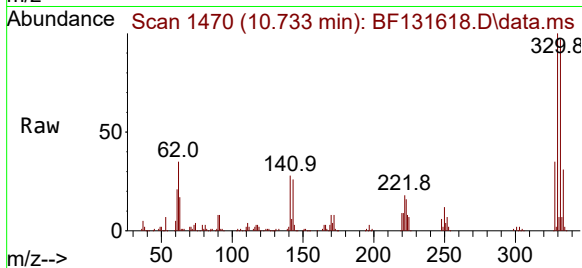
Tgt Ion:330 Resp: 186927

Ion Ratio Lower Upper

330 100

332 97.7 78.3 117.5

141 38.9 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 83.949 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131618.D

Acq: 13 Dec 2022 18:17

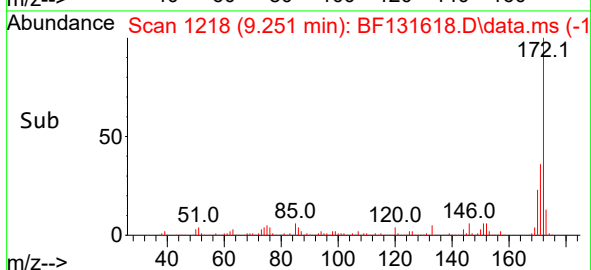
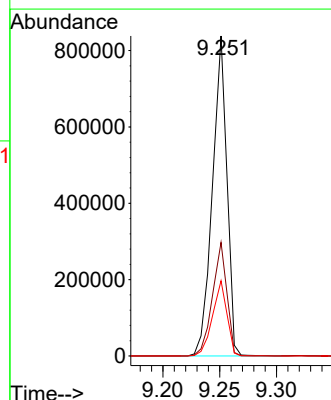
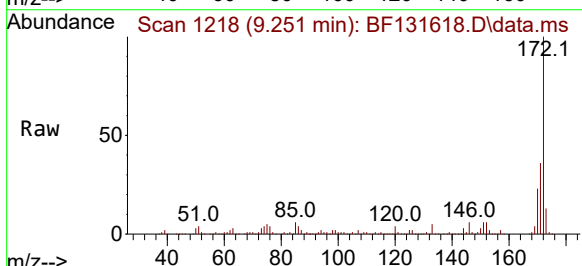
Tgt Ion:172 Resp: 743203

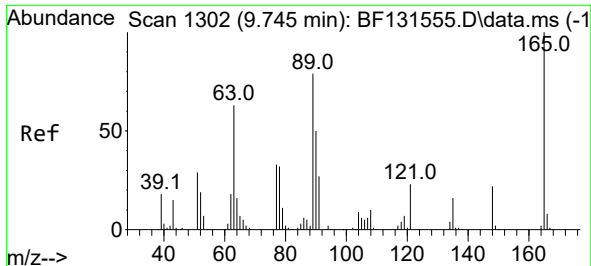
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 19.3 28.9

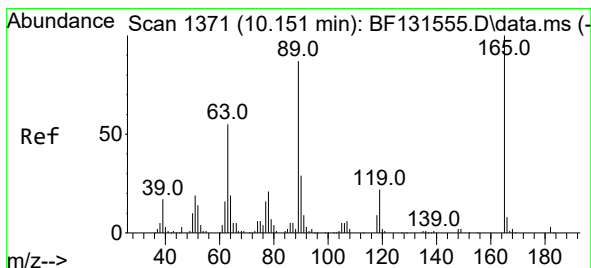
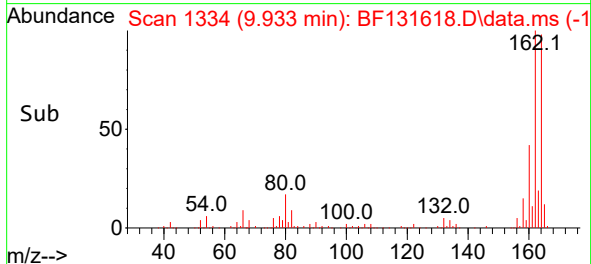
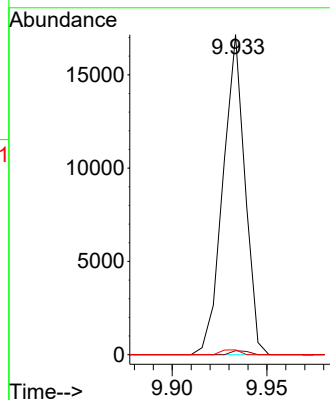
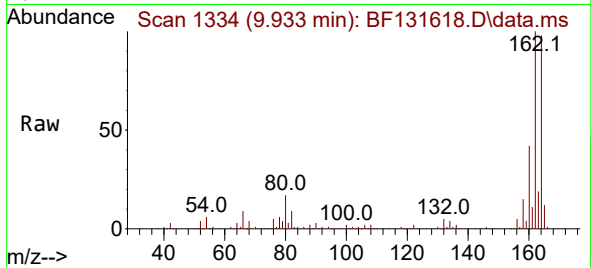




#51
2,6-Dinitrotoluene
Concen: 7.885 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131618.D
Acq: 13 Dec 2022 18:17

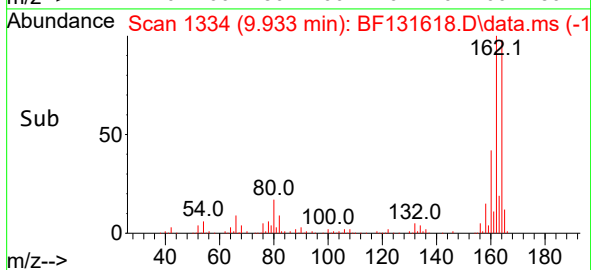
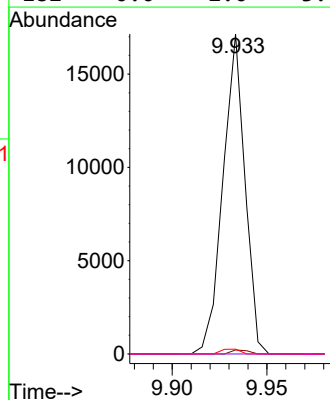
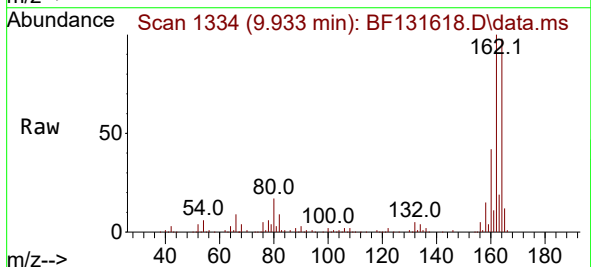
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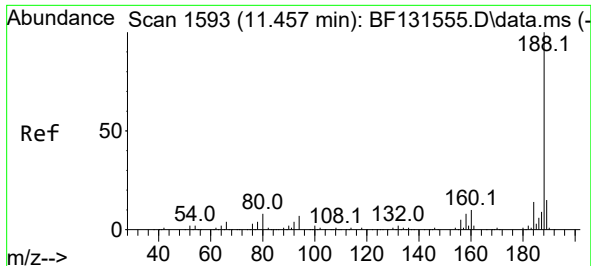
Tgt Ion:165 Resp: 13852
Ion Ratio Lower Upper
165 100
63 1.2 67.9 101.9#
89 1.5 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 5.944 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131618.D
Acq: 13 Dec 2022 18:17

Tgt Ion:165 Resp: 13852
Ion Ratio Lower Upper
165 100
63 1.2 44.4 66.6#
89 1.5 69.6 104.4#
182 0.0 2.0 3.0#

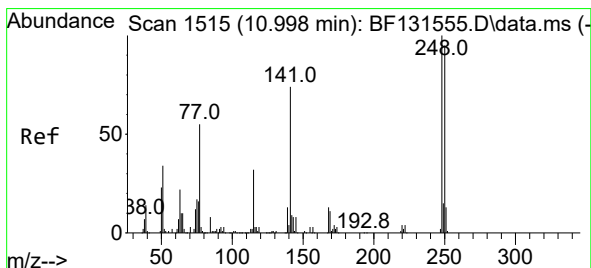
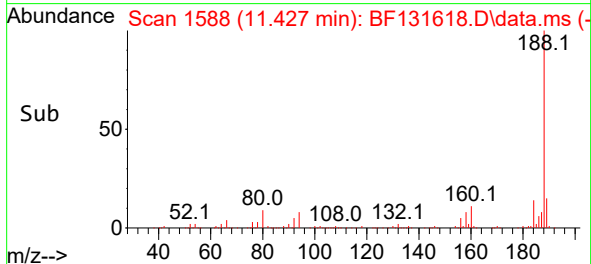
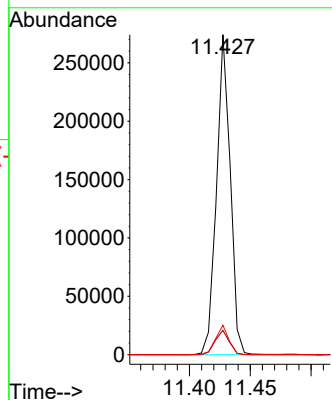
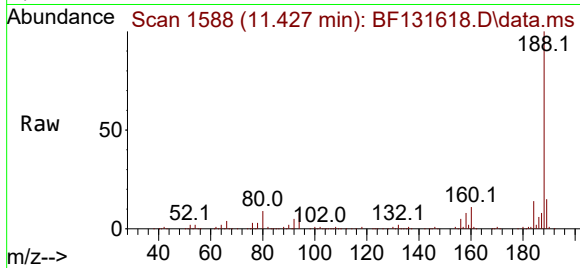




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131618.D
Acq: 13 Dec 2022 18:17

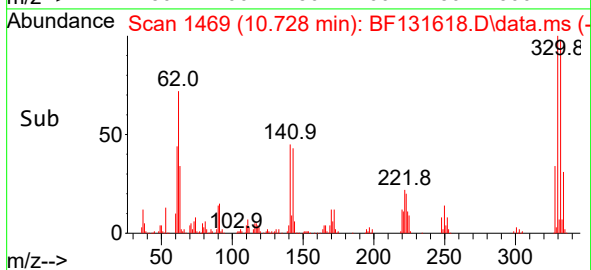
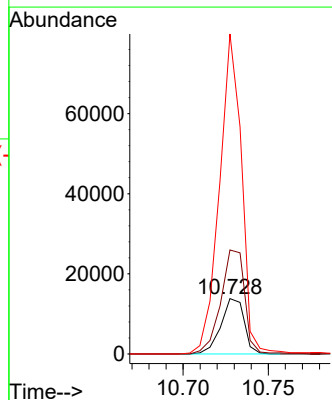
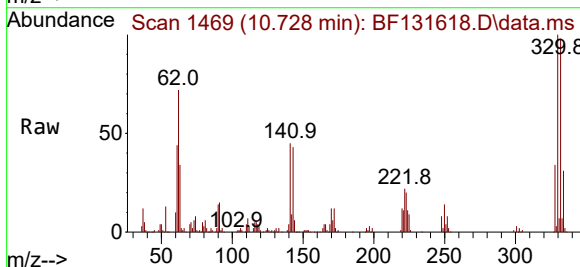
Instrument :
BNA_F
ClientSampleId :
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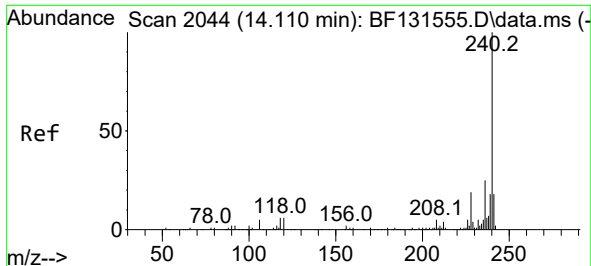
Tgt Ion:188 Resp: 215743
Ion Ratio Lower Upper
188 100
94 7.6 5.5 8.3
80 9.2 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.722 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF131618.D
Acq: 13 Dec 2022 18:17

Tgt Ion:248 Resp: 13104
Ion Ratio Lower Upper
248 100
250 187.8 76.2 114.2#
141 577.6 59.5 89.3#

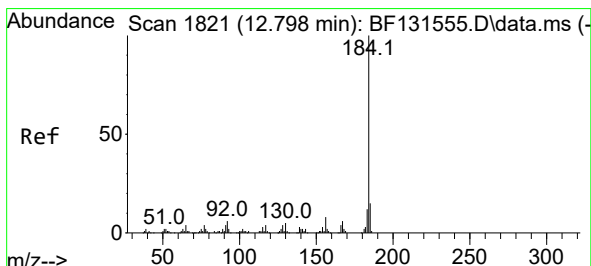
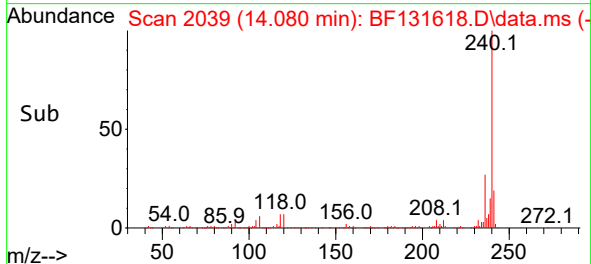
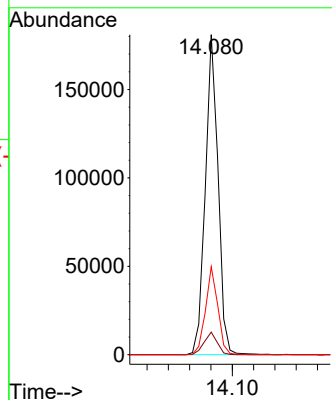
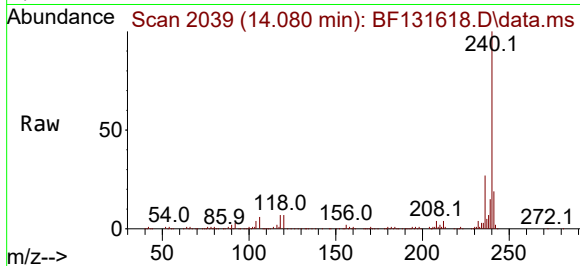




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131618.D
Acq: 13 Dec 2022 18:17

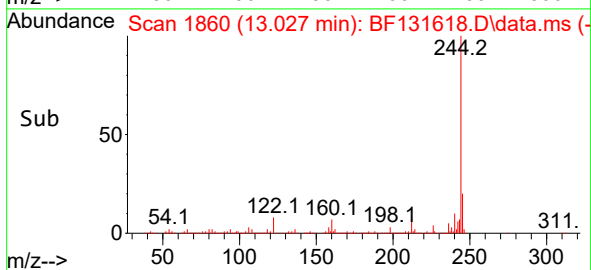
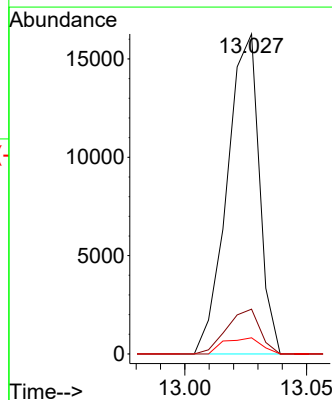
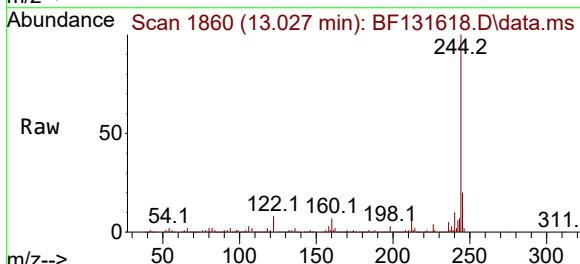
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-02

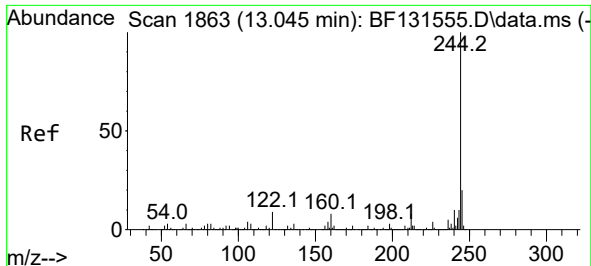
Tgt Ion:240 Resp: 150879
Ion Ratio Lower Upper
240 100
120 7.0 4.6 7.0#
236 27.5 20.2 30.2



#77
Benzidine
Concen: 3.690 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.253 min
Lab File: BF131618.D
Acq: 13 Dec 2022 18:17

Tgt Ion:184 Resp: 14917
Ion Ratio Lower Upper
184 100
185 14.0 12.2 18.2
183 5.0 9.3 13.9#

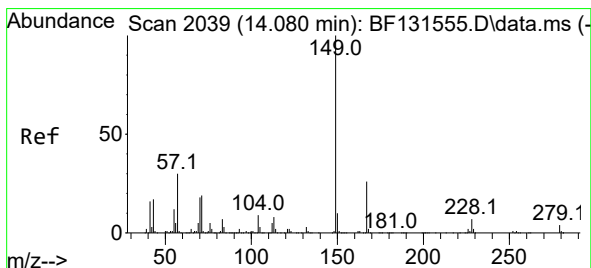
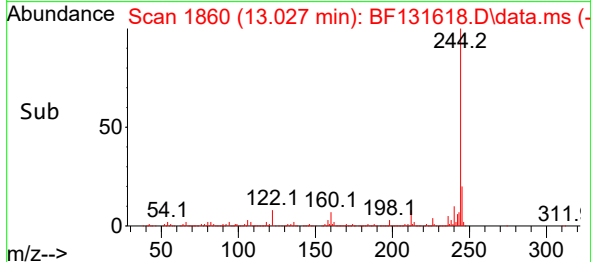
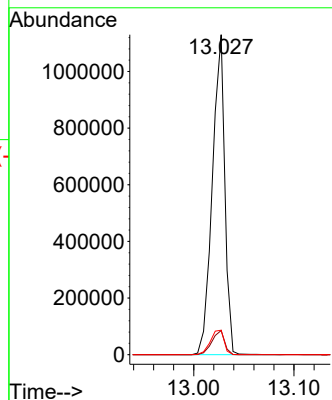
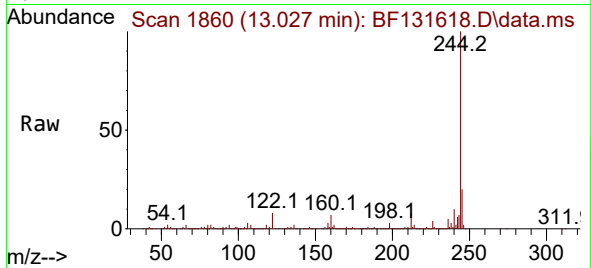




#79
 Terphenyl-d14
 Concen: 88.444 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF131618.D
 Acq: 13 Dec 2022 18:17

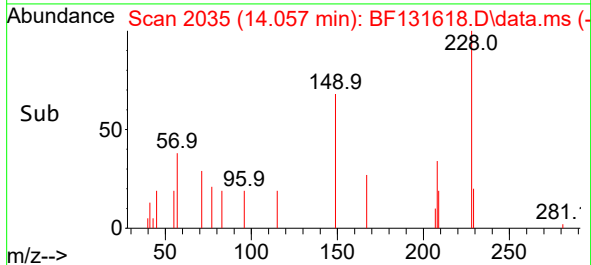
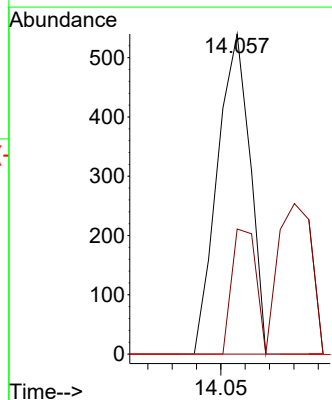
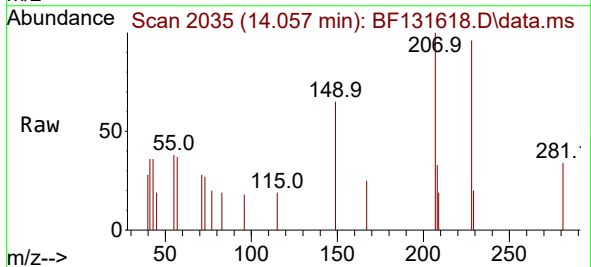
Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-02

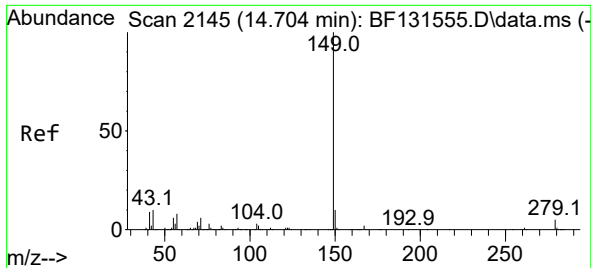
Tgt Ion:244 Resp: 973041
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 7.7 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.112 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. -0.006 min
 Lab File: BF131618.D
 Acq: 13 Dec 2022 18:17

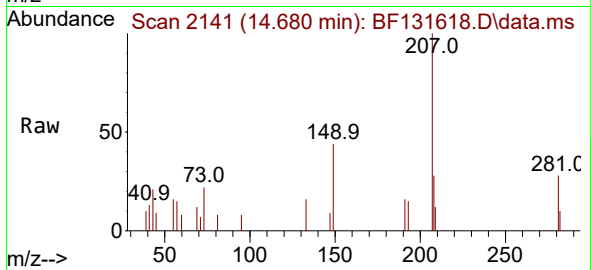
Tgt Ion:149 Resp: 502
 Ion Ratio Lower Upper
 149 100
 167 39.1 20.8 31.2#
 279 0.0 3.3 4.9#



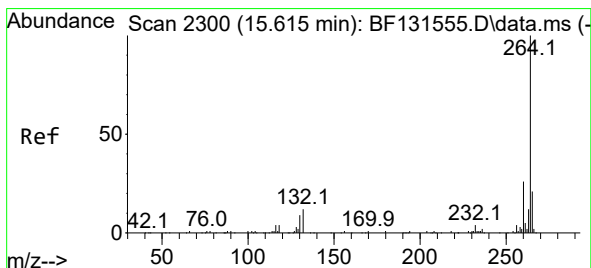
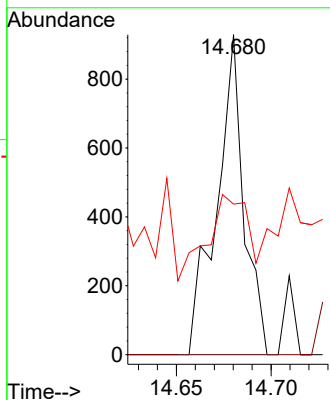
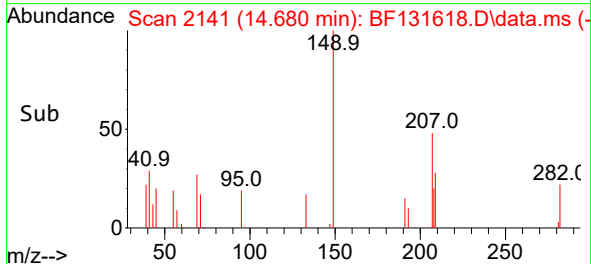


#85
Di-n-octyl phthalate
Concen: 5.305 ng
RT: 14.680 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131618.D
Acq: 13 Dec 2022 18:17

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-02



Tgt Ion:149 Resp: 930
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 24.7 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: BF131618.D
Acq: 13 Dec 2022 18:17

Tgt Ion:264 Resp: 112578
Ion Ratio Lower Upper
264 100
260 24.8 20.6 30.8
265 22.0 16.8 25.2

