

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131621.D
 Acq On : 13 Dec 2022 19:53
 Operator : CG\JU
 Sample : N5964-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-05

Quant Time: Dec 14 03:35:17 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)

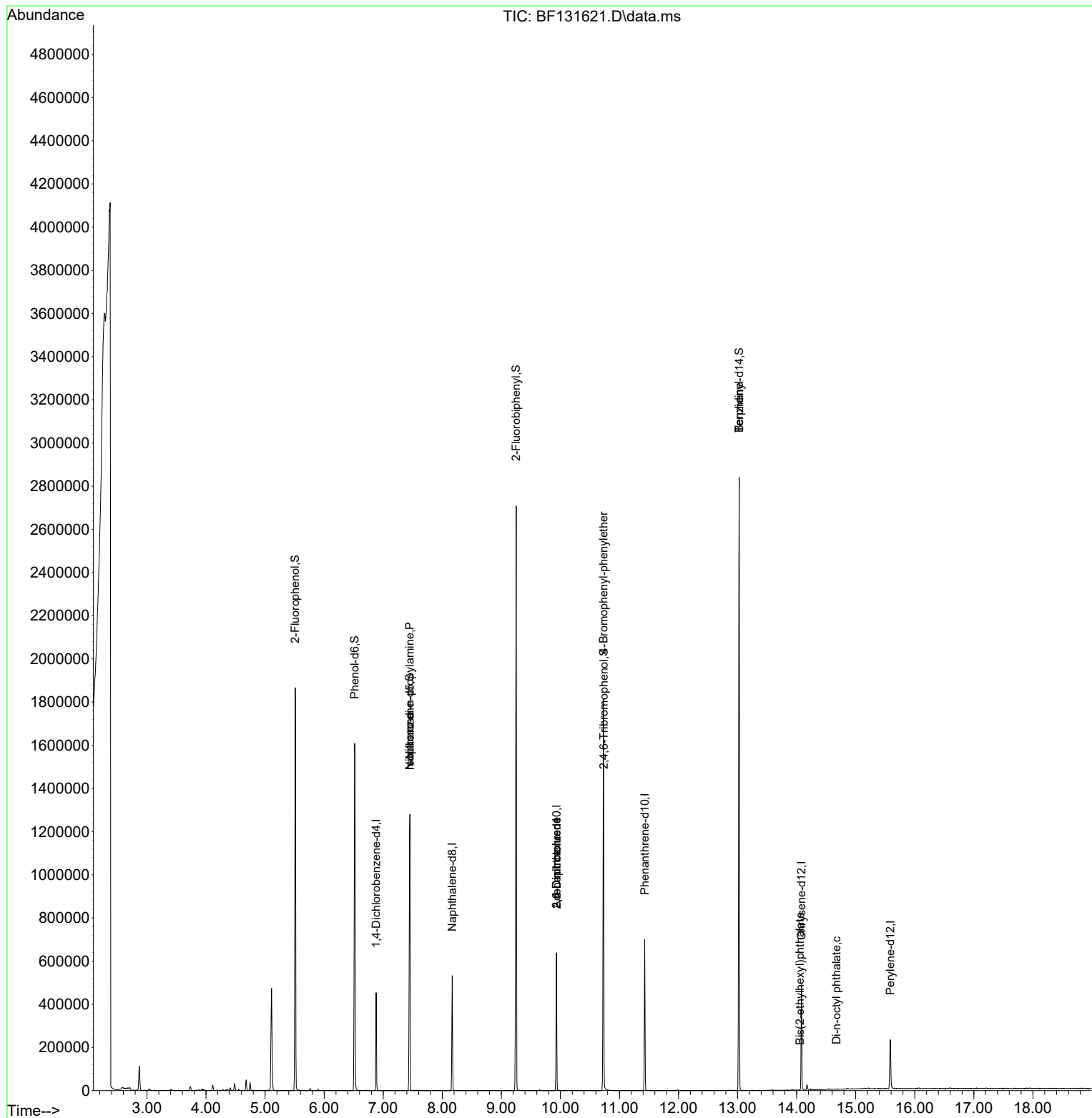
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	54837	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	200210	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	117492	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	222807	20.000	ng	0.00
76) Chrysene-d12	14.080	240	145552	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	110308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	475201	144.569	ng	0.01
7) Phenol-d6	6.516	99	573765	133.204	ng	0.00
23) Nitrobenzene-d5	7.451	82	461298	87.109	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	197617	151.387	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	792435	85.041	ng	0.00
79) Terphenyl-d14	13.027	244	989618	93.243	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	64366	19.928	ng	# 77
25) Isophorone	7.451	82	461293	54.079	ng	# 69
51) 2,6-Dinitrotoluene	9.934	165	14782	7.994	ng	# 10
57) 2,4-Dinitrotoluene	9.934	165	14782	6.027	ng	# 16
67) 4-Bromophenyl-phenylether	10.728	248	13595	4.743	ng	# 1
77) Benzidine	13.027	184	15569	3.992	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.057	149	481	3.112	ng	# 71
85) Di-n-octyl phthalate	14.674	149	601	5.277	ng	# 46

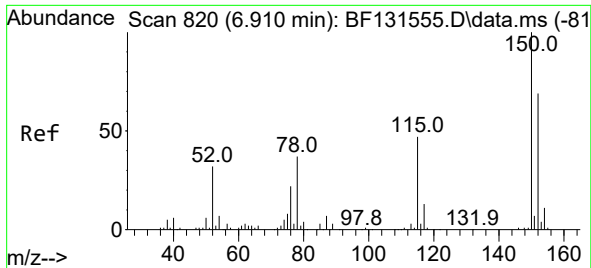
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
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Misc :
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Quant Time: Dec 14 03:35:17 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

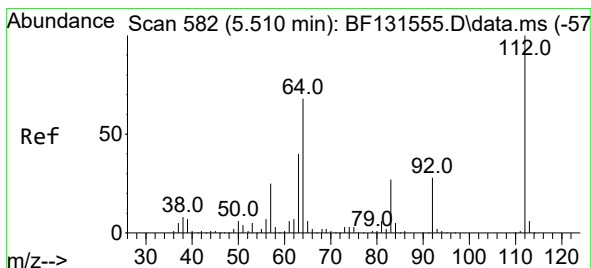
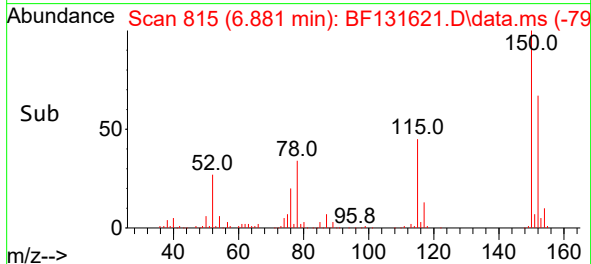
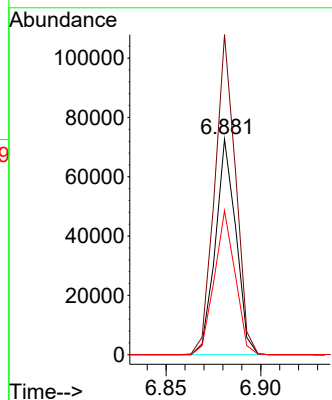
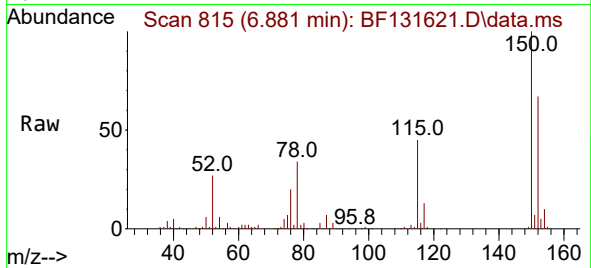




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.005 min
Lab File: BF131621.D
Acq: 13 Dec 2022 19:53

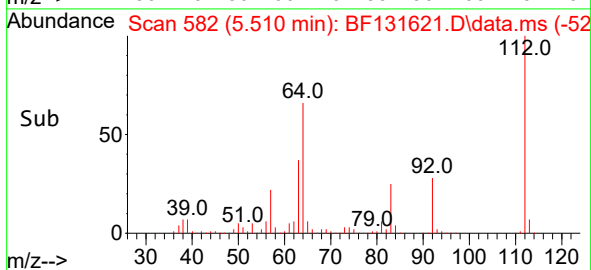
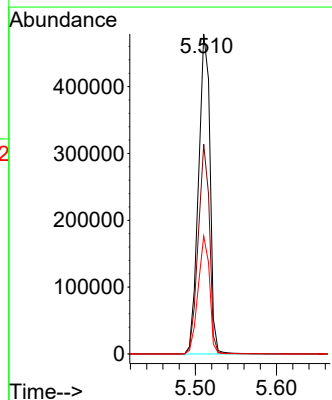
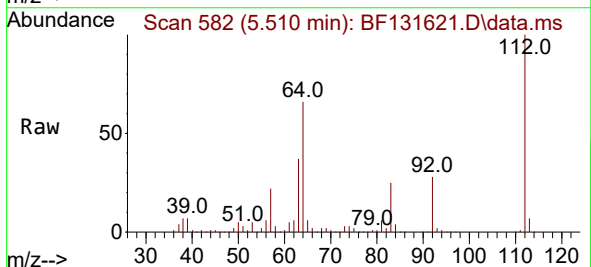
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05

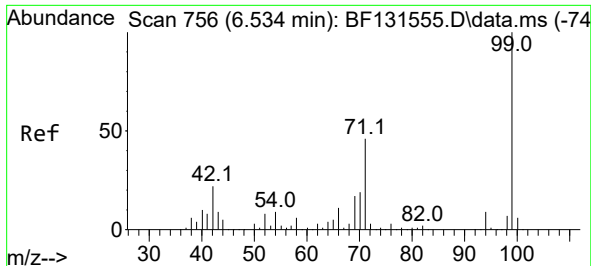
Tgt Ion:152 Resp: 54837
Ion Ratio Lower Upper
152 100
150 148.5 116.7 175.1
115 66.8 54.6 82.0



#5
2-Fluorophenol
Concen: 144.569 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF131621.D
Acq: 13 Dec 2022 19:53

Tgt Ion:112 Resp: 475201
Ion Ratio Lower Upper
112 100
64 65.6 54.5 81.7
63 36.8 31.9 47.9

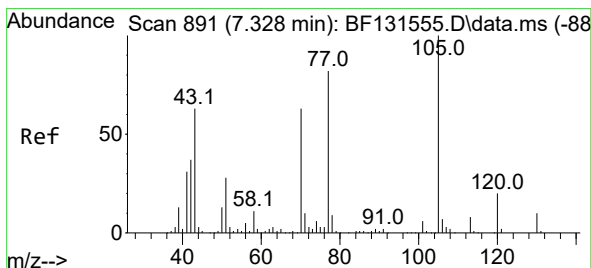
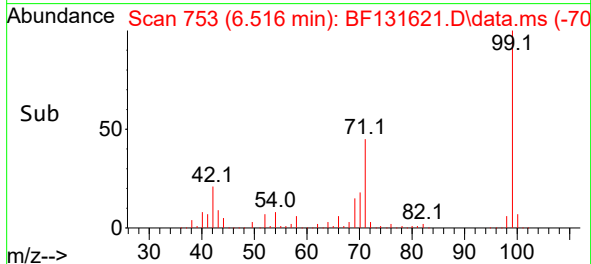
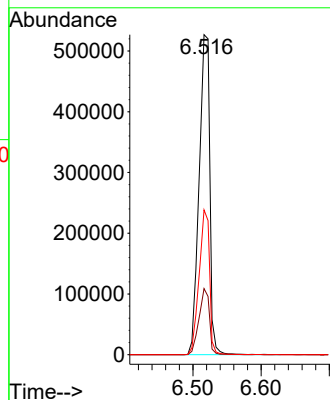
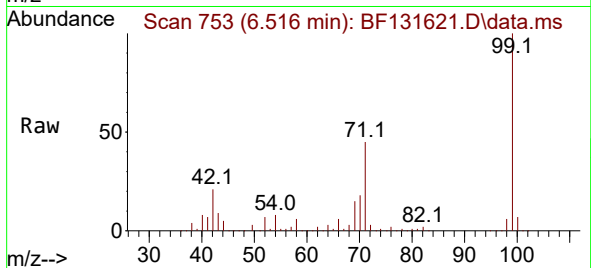




#7
Phenol-d6
Concen: 133.204 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131621.D
Acq: 13 Dec 2022 19:53

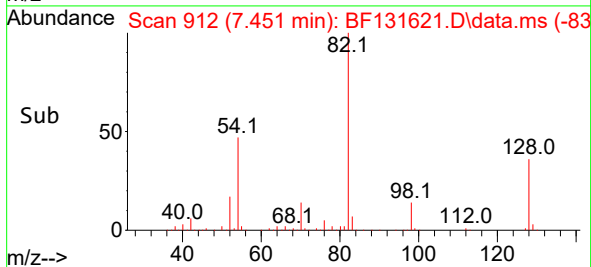
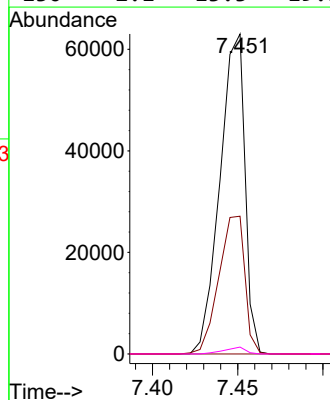
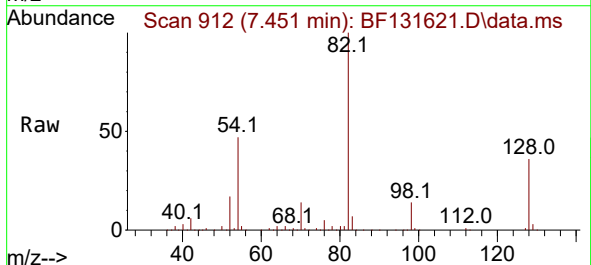
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05

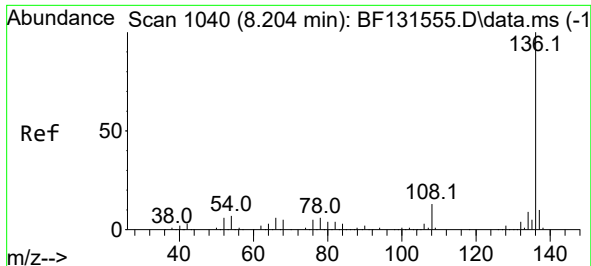
Tgt Ion: 99 Resp: 573765
Ion Ratio Lower Upper
99 100
42 20.7 17.9 26.9
71 45.2 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.928 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.153 min
Lab File: BF131621.D
Acq: 13 Dec 2022 19:53

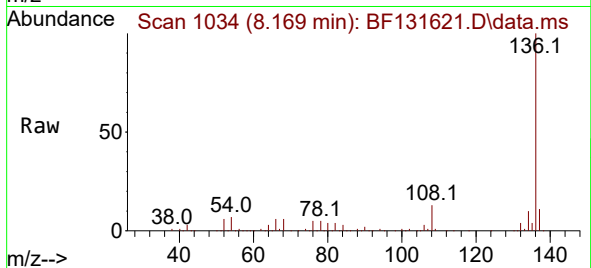
Tgt Ion: 70 Resp: 64366
Ion Ratio Lower Upper
70 100
42 43.1 46.4 69.6#
101 0.0 7.2 10.8#
130 2.1 13.3 19.9#



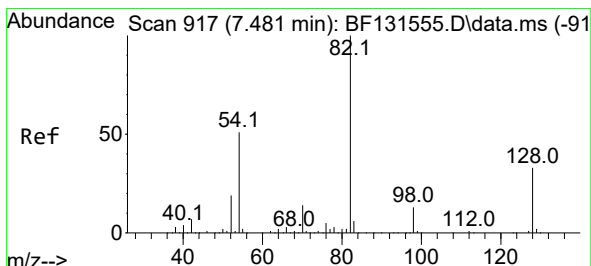
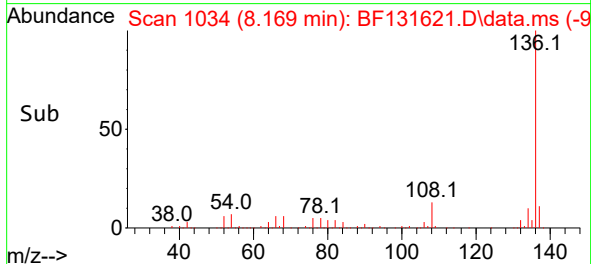
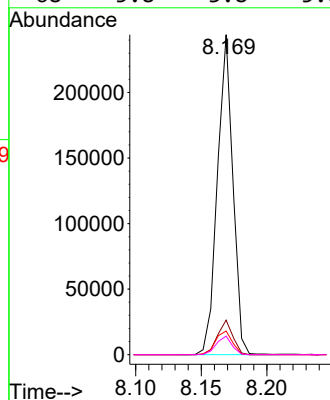


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131621.D
Acq: 13 Dec 2022 19:53

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05

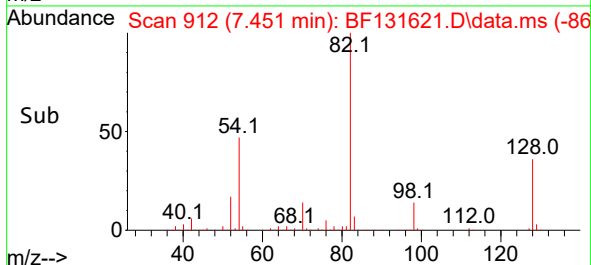
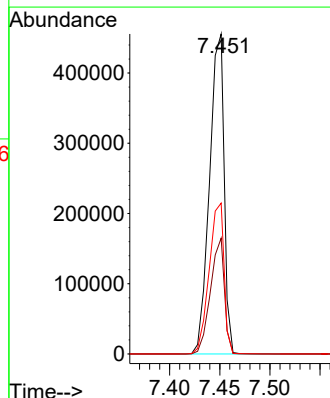
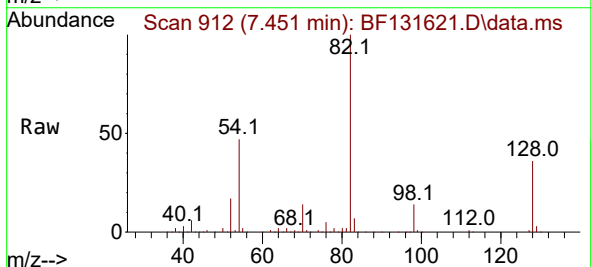


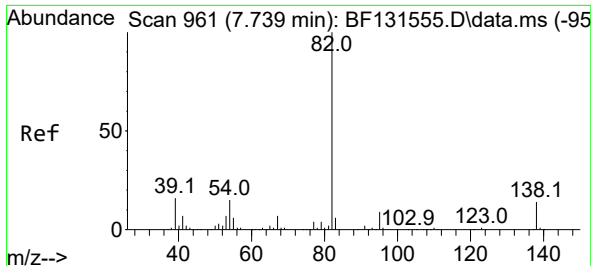
Tgt Ion:136 Resp: 200210
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 7.4 6.0 9.0
68 5.8 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 87.109 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF131621.D
Acq: 13 Dec 2022 19:53

Tgt Ion: 82 Resp: 461298
Ion Ratio Lower Upper
82 100
128 36.2 26.1 39.1
54 47.2 40.6 60.8

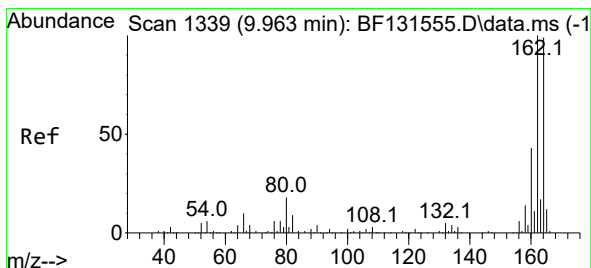
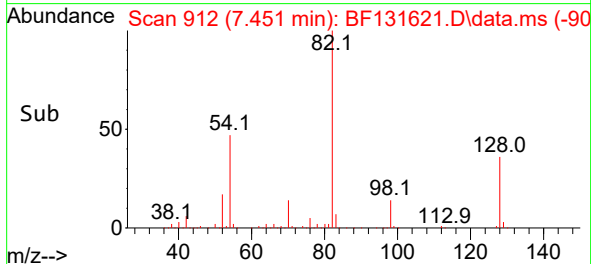
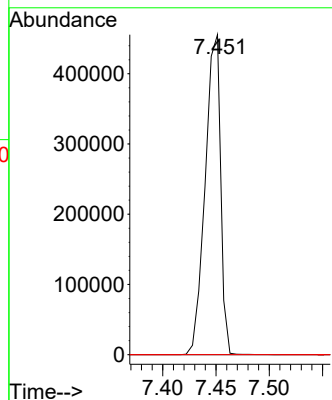
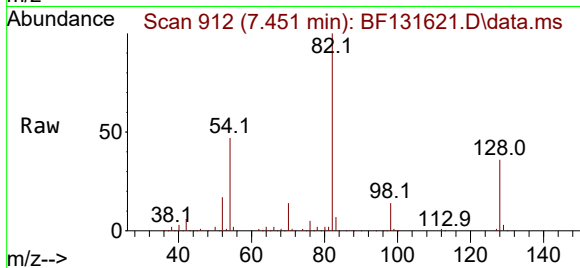




#25
Isophorone
Concen: 54.079 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131621.D
Acq: 13 Dec 2022 19:53

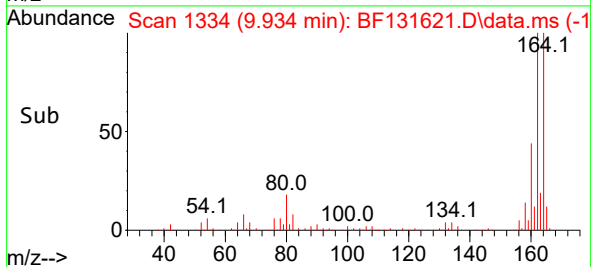
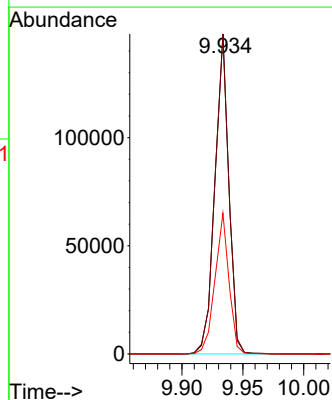
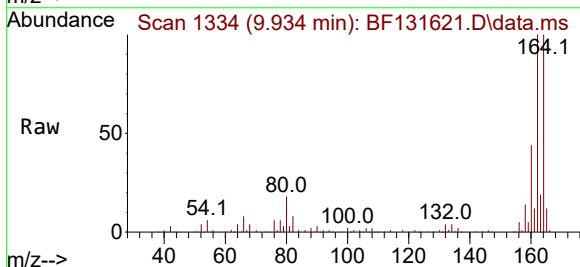
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05

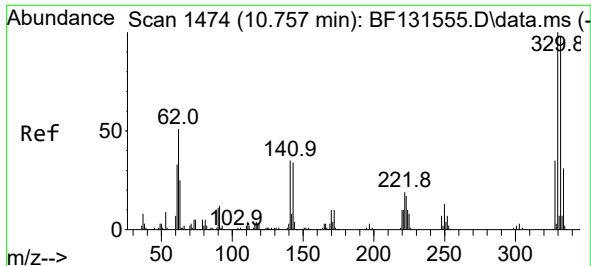
Tgt Ion: 82 Resp: 461293
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131621.D
Acq: 13 Dec 2022 19:53

Tgt Ion:164 Resp: 117492
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.6
160 44.0 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 151.387 ng

RT: 10.734 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BF131621.D

Acq: 13 Dec 2022 19:53

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05

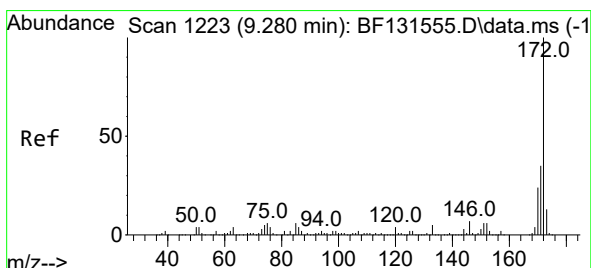
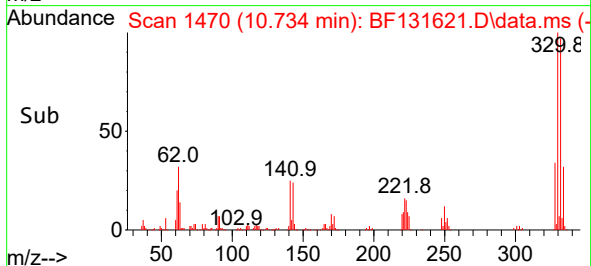
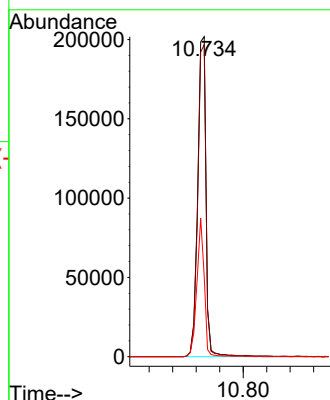
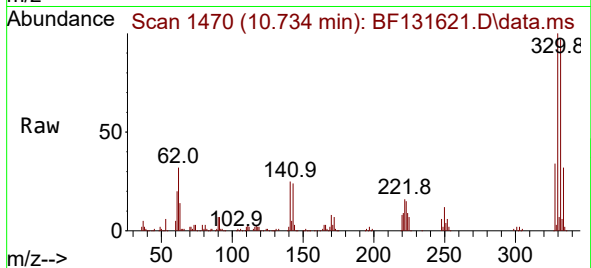
Tgt Ion:330 Resp: 197617

Ion Ratio Lower Upper

330 100

332 96.5 78.3 117.5

141 38.3 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 85.041 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131621.D

Acq: 13 Dec 2022 19:53

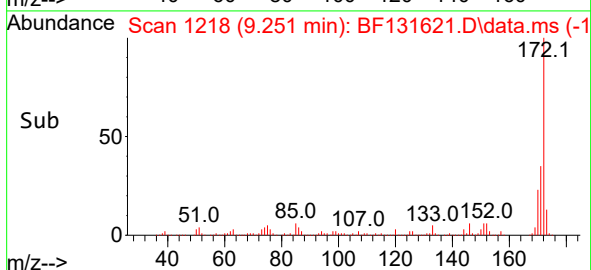
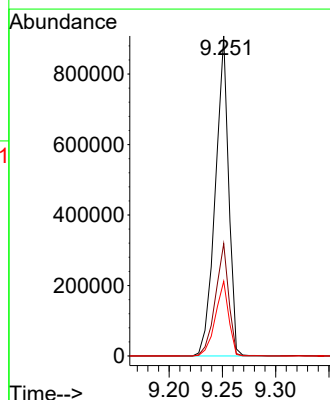
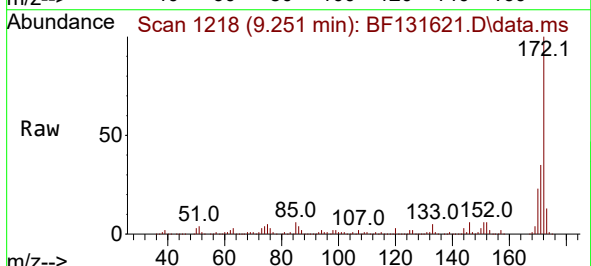
Tgt Ion:172 Resp: 792435

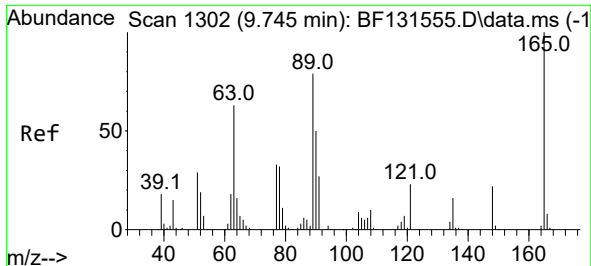
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.3 19.3 28.9

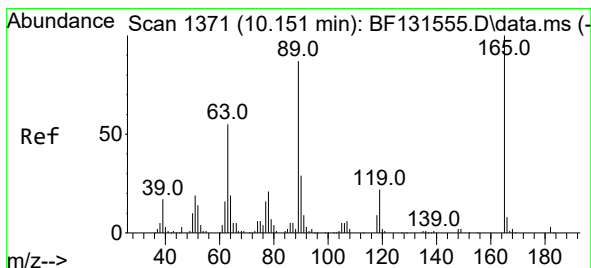
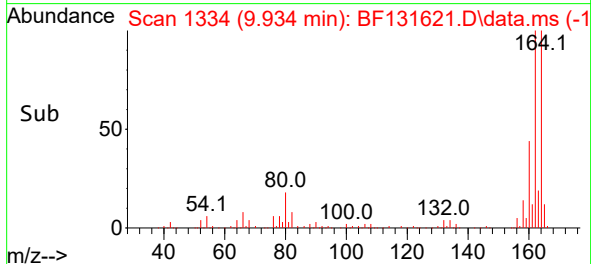
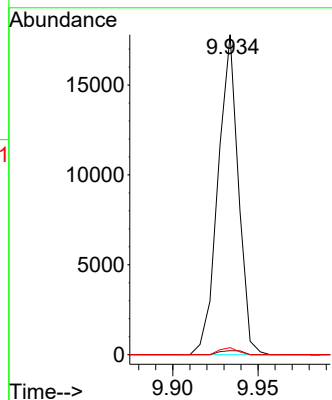
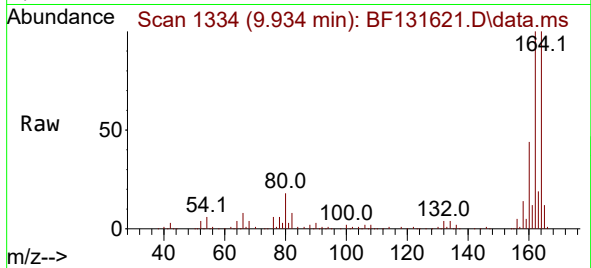




#51
2,6-Dinitrotoluene
Concen: 7.994 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131621.D
Acq: 13 Dec 2022 19:53

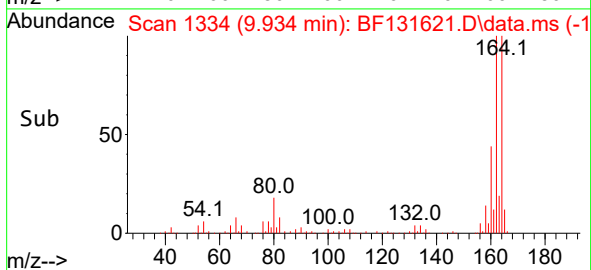
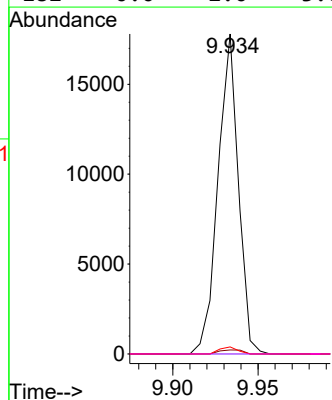
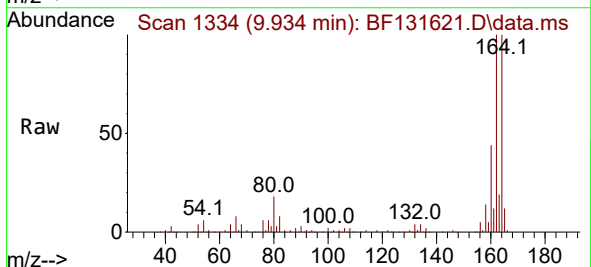
Instrument :
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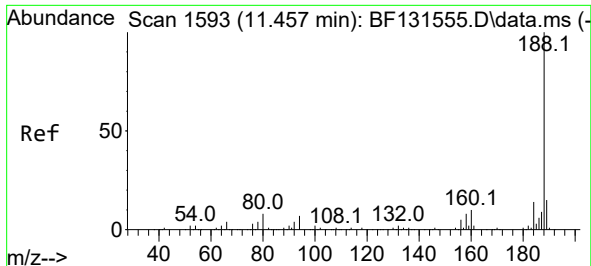
Tgt Ion:165 Resp: 14782
Ion Ratio Lower Upper
165 100
63 1.3 67.9 101.9#
89 2.2 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.027 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131621.D
Acq: 13 Dec 2022 19:53

Tgt Ion:165 Resp: 14782
Ion Ratio Lower Upper
165 100
63 1.3 44.4 66.6#
89 2.2 69.6 104.4#
182 0.0 2.0 3.0#

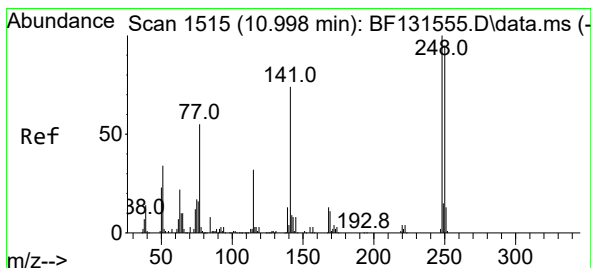
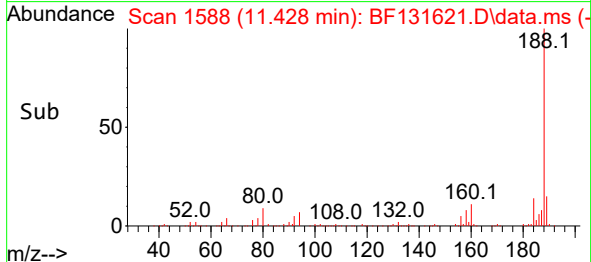
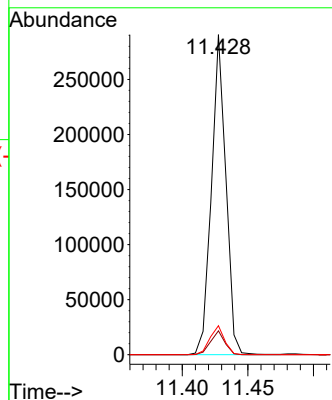
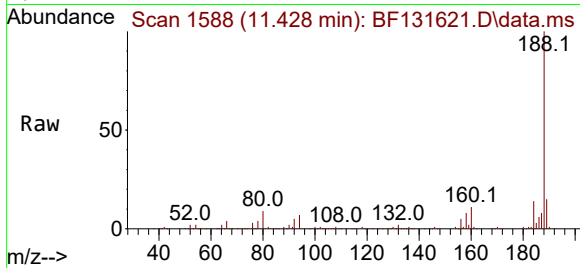




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131621.D
Acq: 13 Dec 2022 19:53

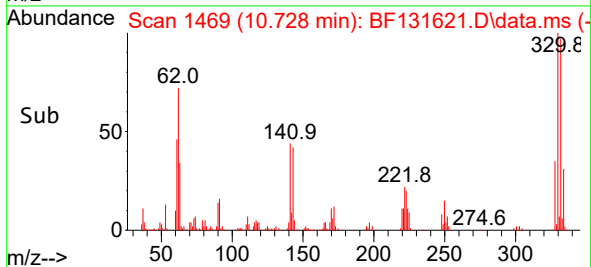
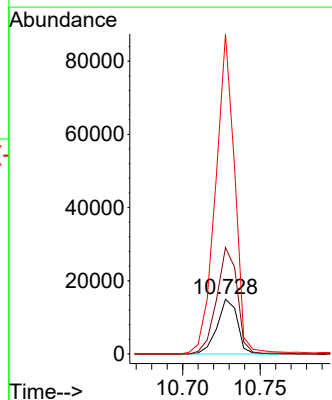
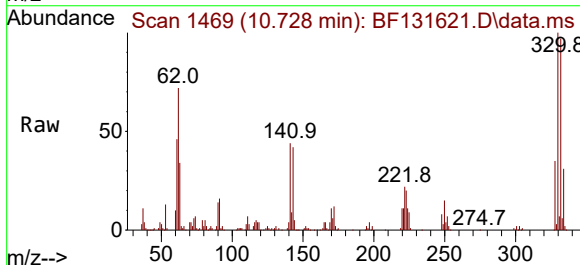
Instrument :
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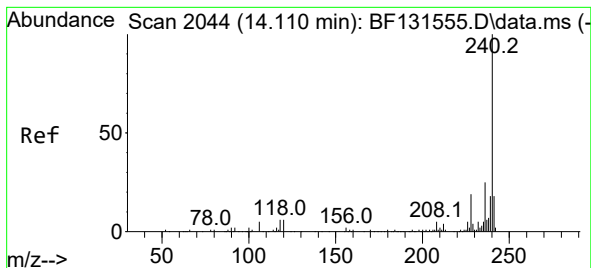
Tgt Ion:188 Resp: 222807
Ion Ratio Lower Upper
188 100
94 7.5 5.5 8.3
80 9.1 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.743 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF131621.D
Acq: 13 Dec 2022 19:53

Tgt Ion:248 Resp: 13595
Ion Ratio Lower Upper
248 100
250 194.7 76.2 114.2#
141 585.5 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: BF131621.D

Acq: 13 Dec 2022 19:53

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05

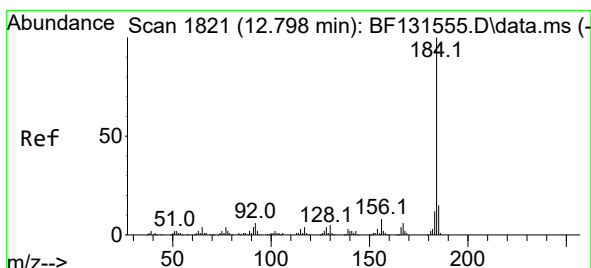
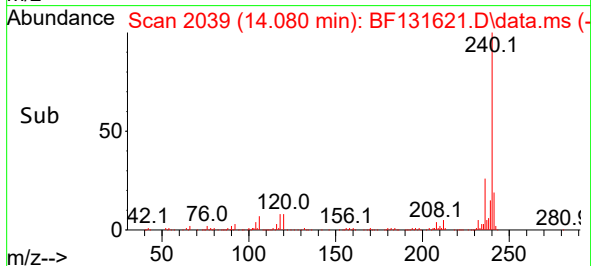
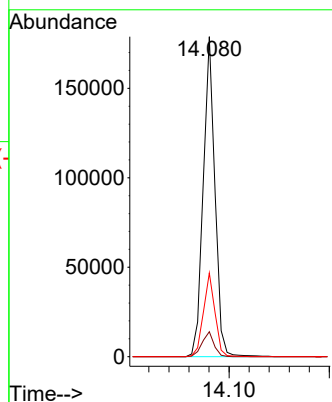
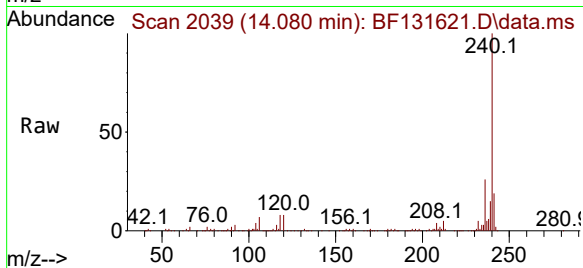
Tgt Ion:240 Resp: 145552

Ion Ratio Lower Upper

240 100

120 7.8 4.6 7.0#

236 26.1 20.2 30.2



#77

Benzidine

Concen: 3.992 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.253 min

Lab File: BF131621.D

Acq: 13 Dec 2022 19:53

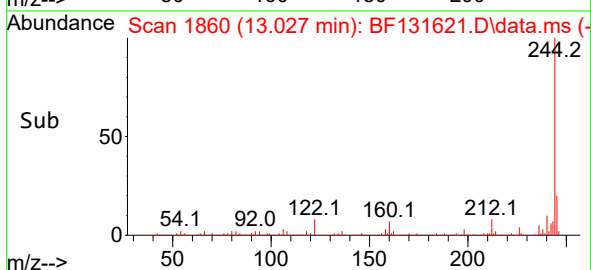
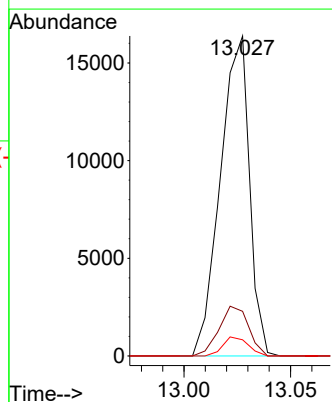
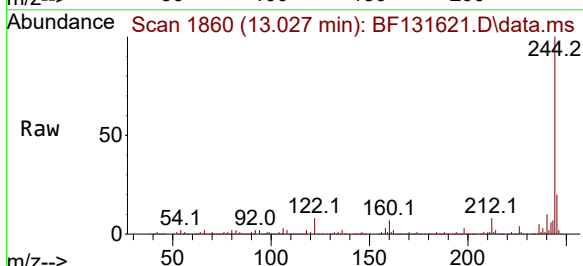
Tgt Ion:184 Resp: 15569

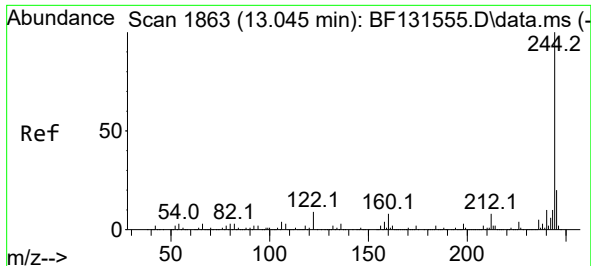
Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.2

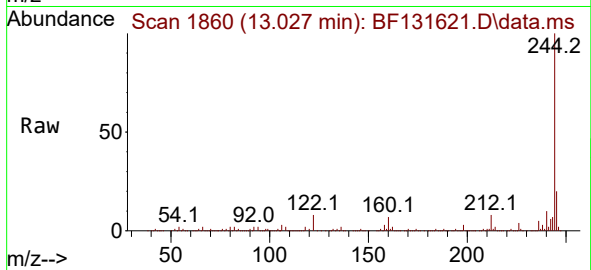
183 5.1 9.3 13.9#



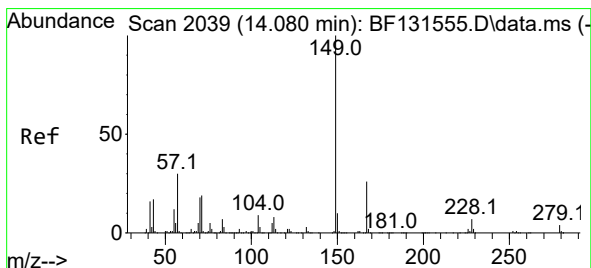
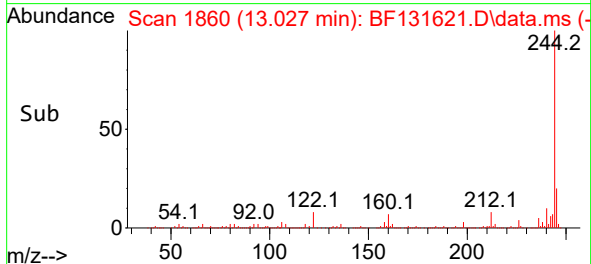
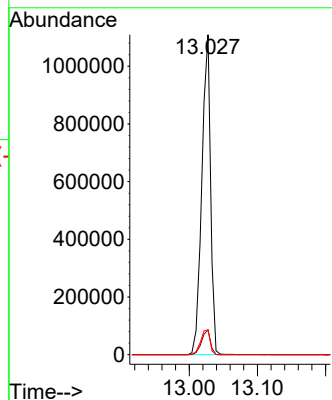


#79
 Terphenyl-d14
 Concen: 93.243 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF131621.D
 Acq: 13 Dec 2022 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-05

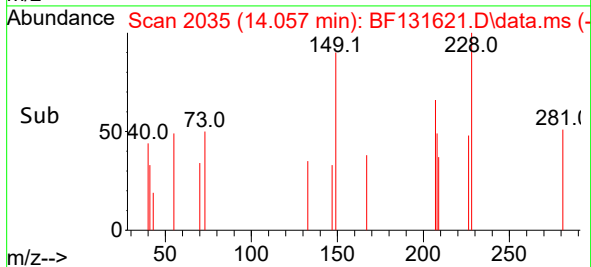
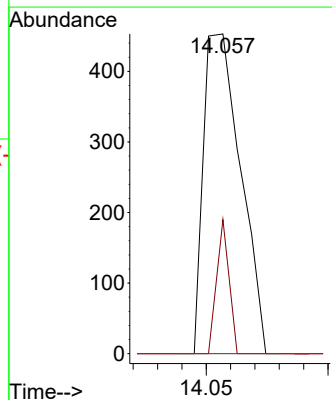
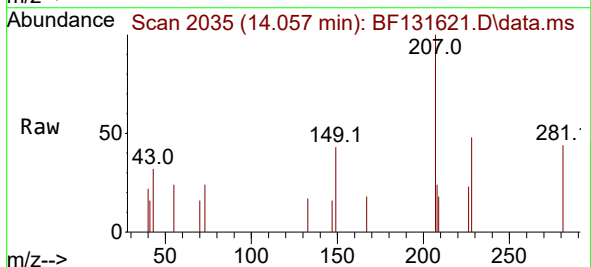


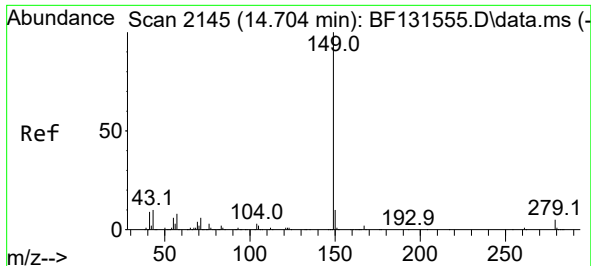
Tgt Ion:244 Resp: 989618
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 7.7 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.112 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. -0.006 min
 Lab File: BF131621.D
 Acq: 13 Dec 2022 19:53

Tgt Ion:149 Resp: 481
 Ion Ratio Lower Upper
 149 100
 167 41.9 20.8 31.2#
 279 0.0 3.3 4.9#

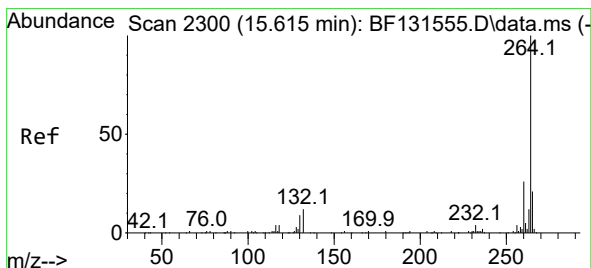
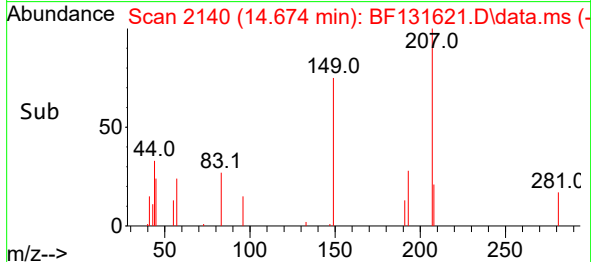
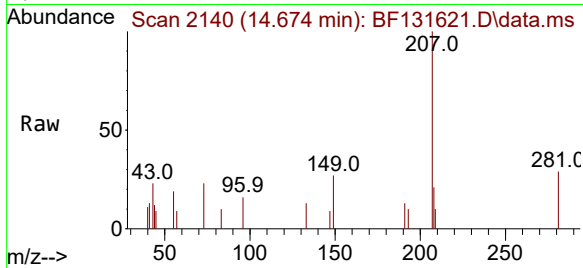




#85
Di-n-octyl phthalate
Concen: 5.277 ng
RT: 14.674 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BF131621.D
Acq: 13 Dec 2022 19:53

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05

Tgt Ion:149 Resp: 601
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 33.8 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: BF131621.D
Acq: 13 Dec 2022 19:53

Tgt Ion:264 Resp: 110308
Ion Ratio Lower Upper
264 100
260 24.5 20.6 30.8
265 21.4 16.8 25.2

