

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131615.D
 Acq On : 13 Dec 2022 16:39
 Operator : CG\JU
 Sample : N5964-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-01

Quant Time: Dec 14 03:33:17 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)

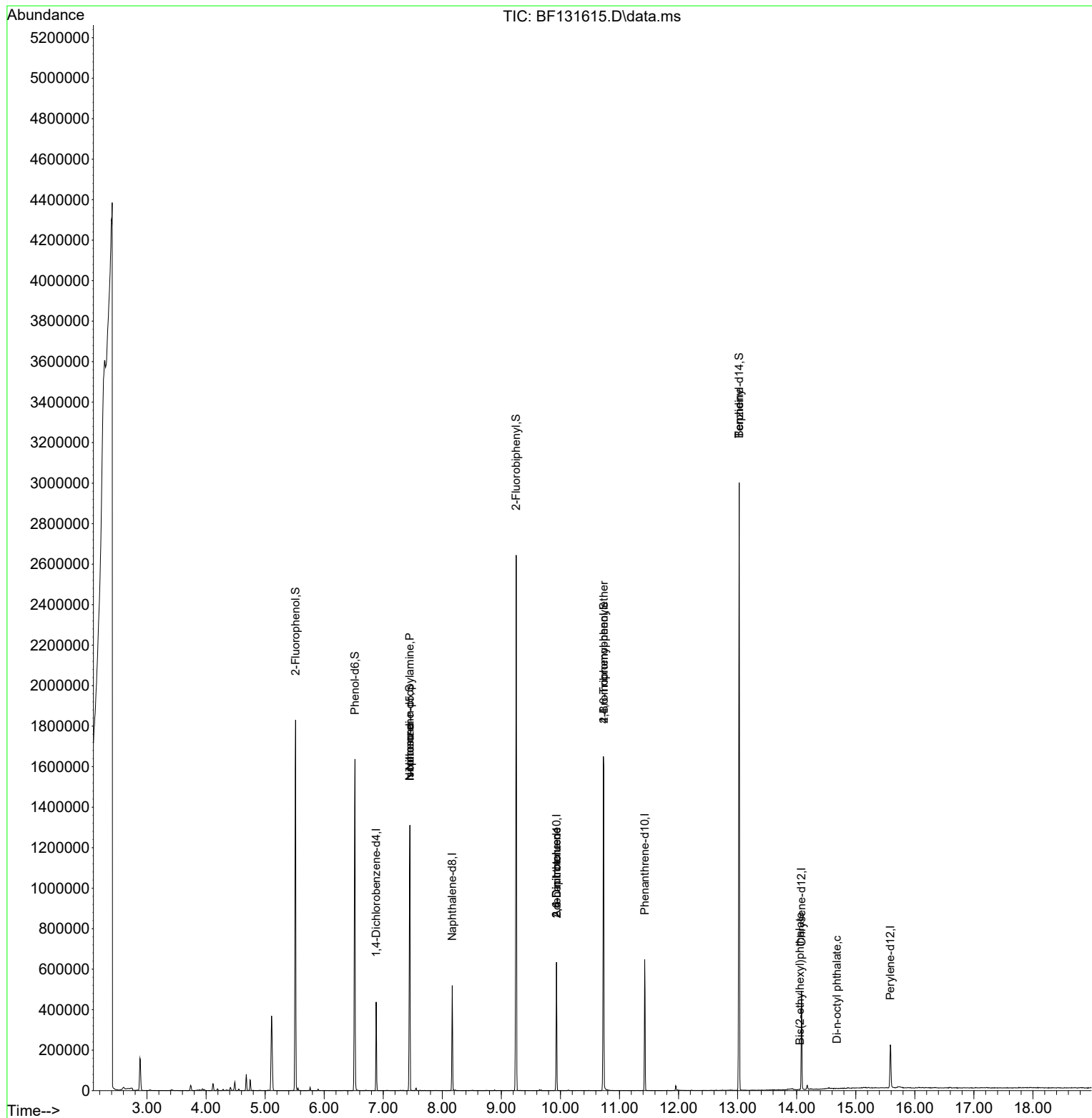
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	54871	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	199221	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	116139	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	222559	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	154882	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	106600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	450681	137.024	ng	0.02
7) Phenol-d6	6.522	99	530564	123.098	ng	0.00
23) Nitrobenzene-d5	7.451	82	449691	85.339	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	195309	151.362	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	784539	85.174	ng	0.00
79) Terphenyl-d14	13.027	244	1003518	88.857	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	63564	19.668	ng	# 77
25) Isophorone	7.451	82	449685	52.980	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	14610	7.993	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	14610	6.026	ng	# 16
67) 4-Bromophenyl-phenylether	10.733	248	12681	4.429	ng	# 1
77) Benzidine	13.027	184	16106	3.881	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.057	149	667	3.136	ng	# 85
85) Di-n-octyl phthalate	14.680	149	717	5.284	ng	# 74

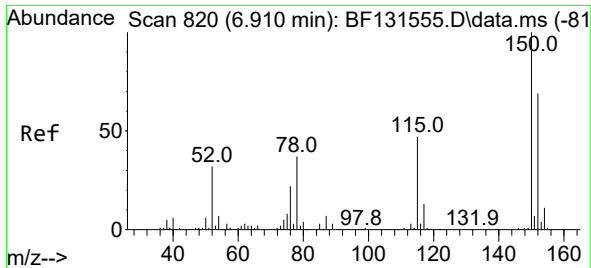
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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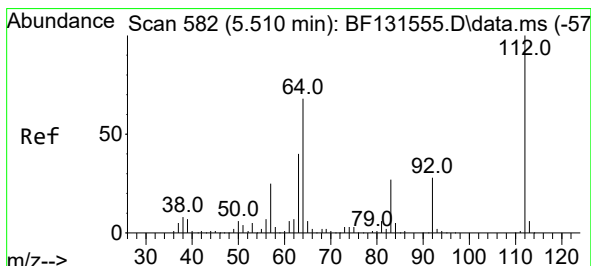
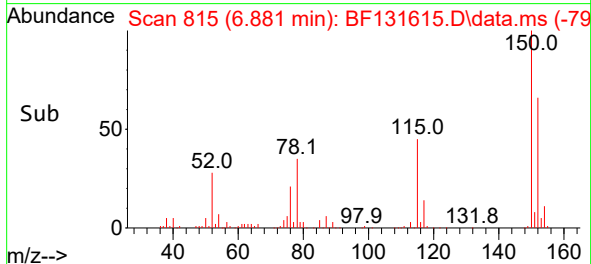
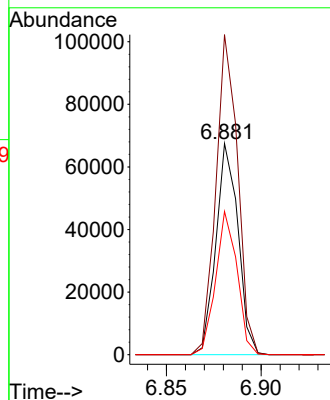
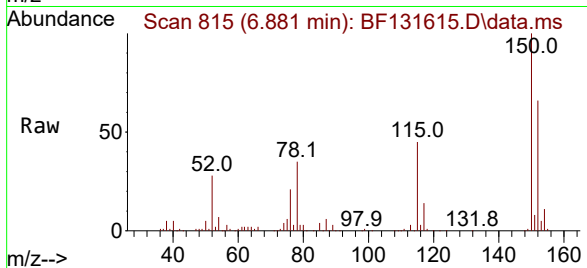




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131615.D
Acq: 13 Dec 2022 16:39

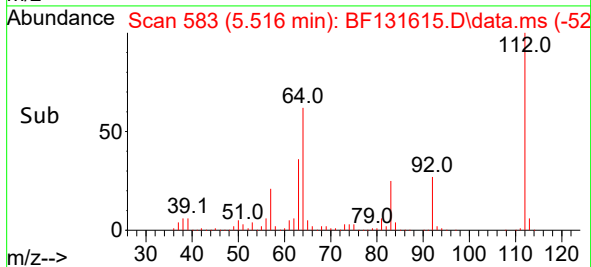
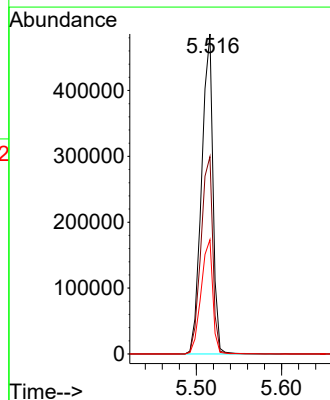
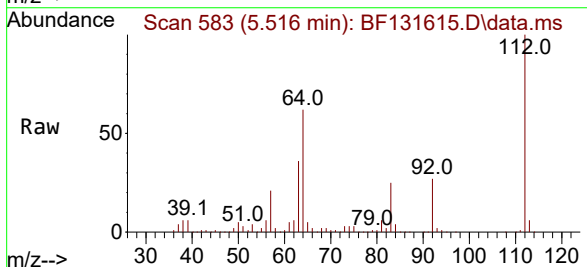
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01

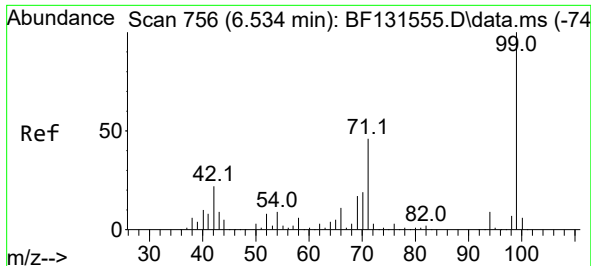
Tgt Ion:152 Resp: 54871
Ion Ratio Lower Upper
152 100
150 151.5 116.7 175.1
115 67.8 54.6 82.0



#5
2-Fluorophenol
Concen: 137.024 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF131615.D
Acq: 13 Dec 2022 16:39

Tgt Ion:112 Resp: 450681
Ion Ratio Lower Upper
112 100
64 61.7 54.5 81.7
63 35.7 31.9 47.9

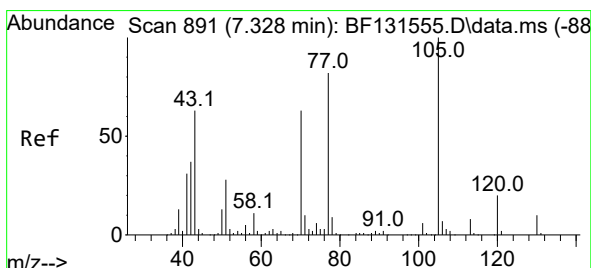
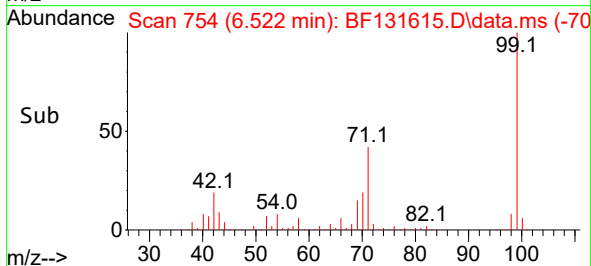
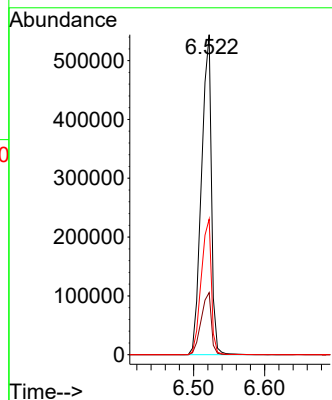
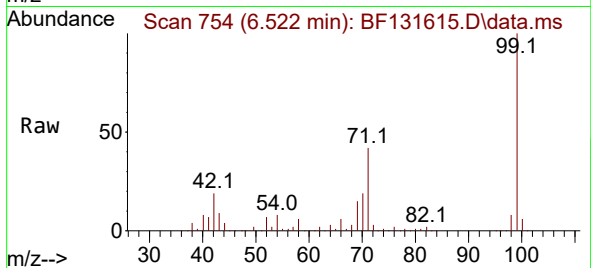




#7
Phenol-d6
Concen: 123.098 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131615.D
Acq: 13 Dec 2022 16:39

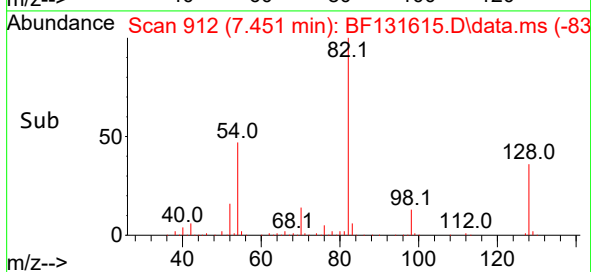
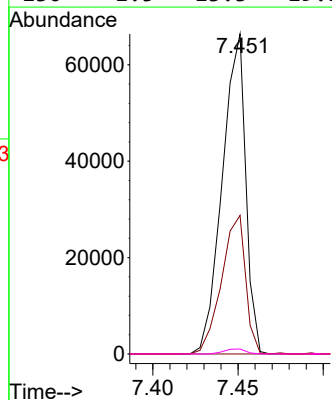
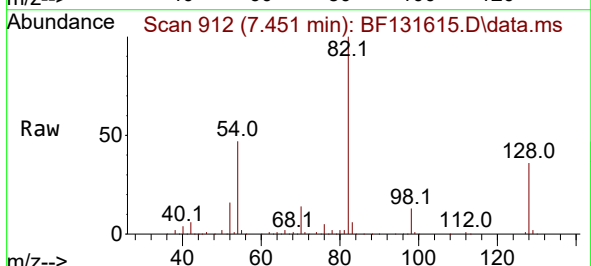
Instrument :
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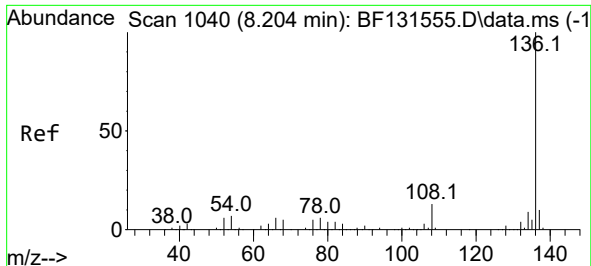
Tgt Ion: 99 Resp: 530564
Ion Ratio Lower Upper
99 100
42 19.4 17.9 26.9
71 42.4 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.668 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.153 min
Lab File: BF131615.D
Acq: 13 Dec 2022 16:39

Tgt Ion: 70 Resp: 63564
Ion Ratio Lower Upper
70 100
42 43.3 46.4 69.6#
101 0.0 7.2 10.8#
130 1.5 13.3 19.9#

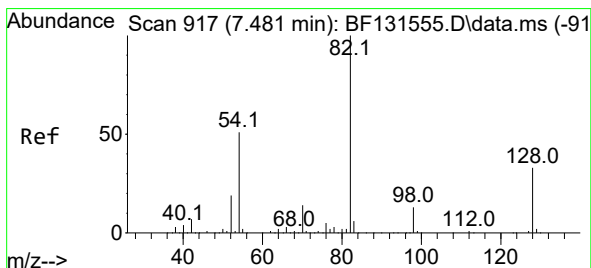
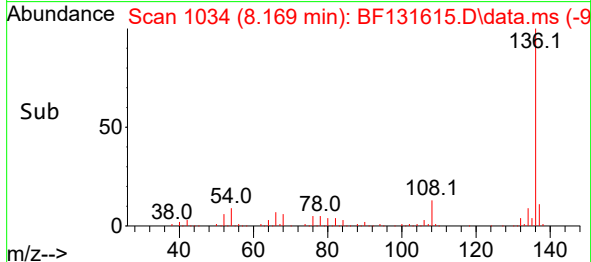
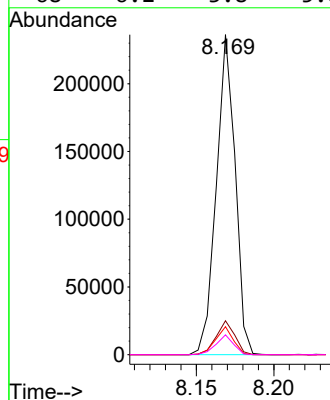
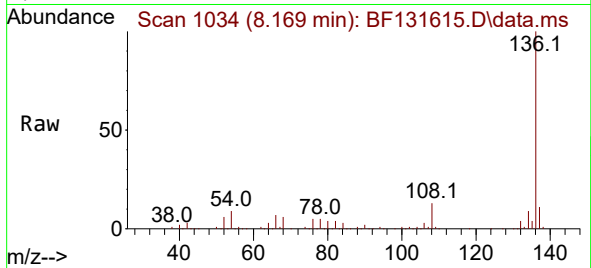




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131615.D
Acq: 13 Dec 2022 16:39

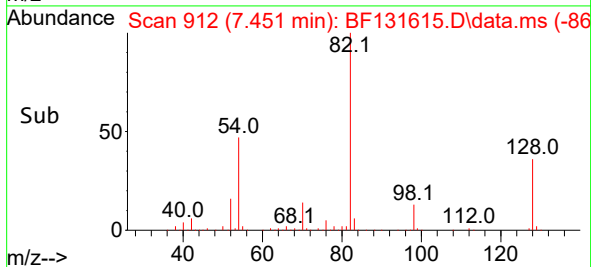
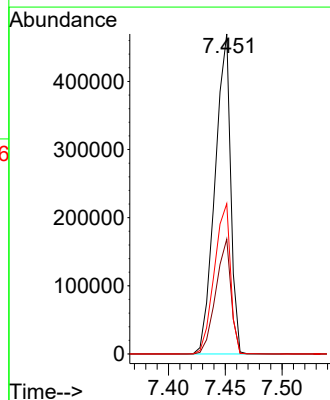
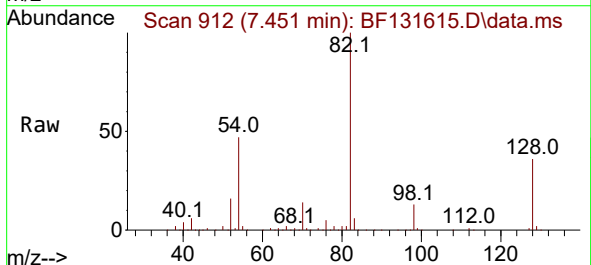
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ClientSampleId :
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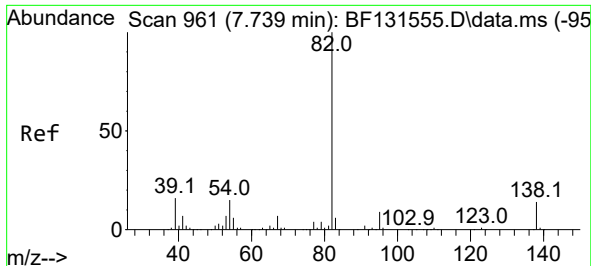
Tgt Ion:136 Resp: 199221
Ion Ratio Lower Upper
136 100
137 10.6 8.1 12.1
54 8.7 6.0 9.0
68 6.2 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 85.339 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF131615.D
Acq: 13 Dec 2022 16:39

Tgt Ion: 82 Resp: 449691
Ion Ratio Lower Upper
82 100
128 35.9 26.1 39.1
54 47.0 40.6 60.8

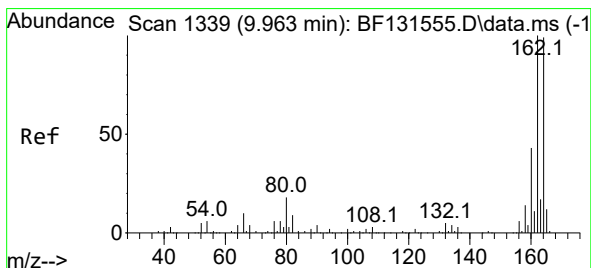
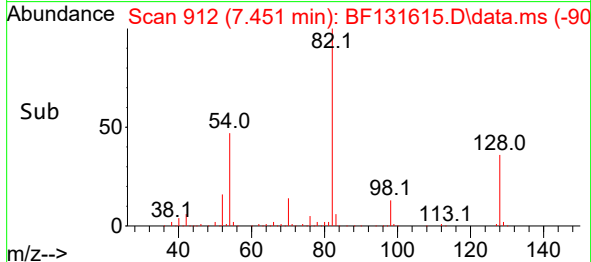
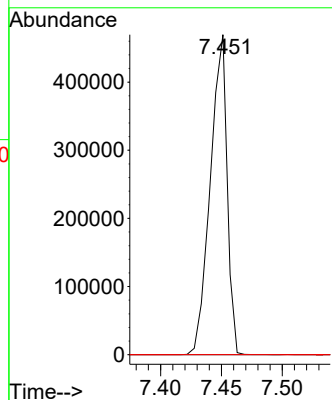
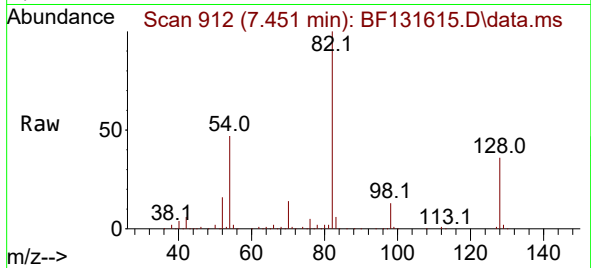




#25
Isophorone
Concen: 52.980 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131615.D
Acq: 13 Dec 2022 16:39

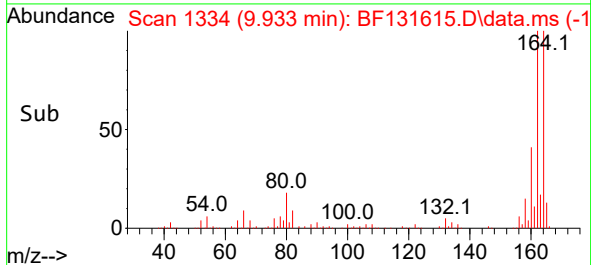
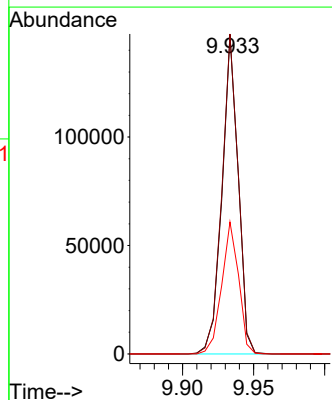
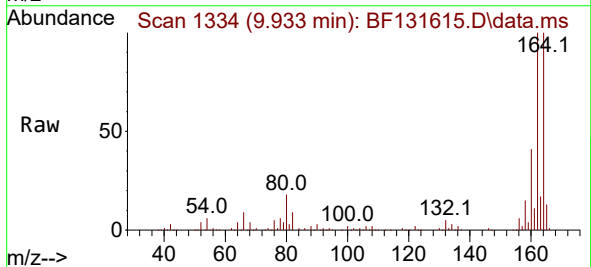
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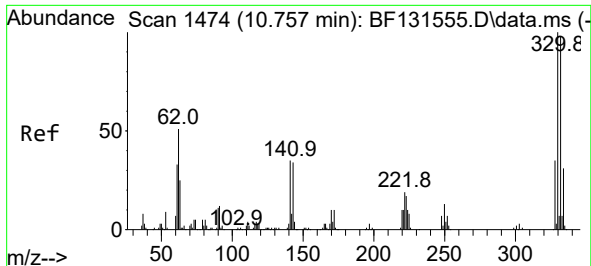
Tgt Ion: 82 Resp: 449685
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131615.D
Acq: 13 Dec 2022 16:39

Tgt Ion:164 Resp: 116139
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.6
160 41.4 35.0 52.6

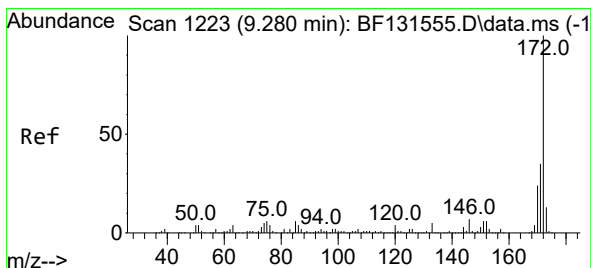
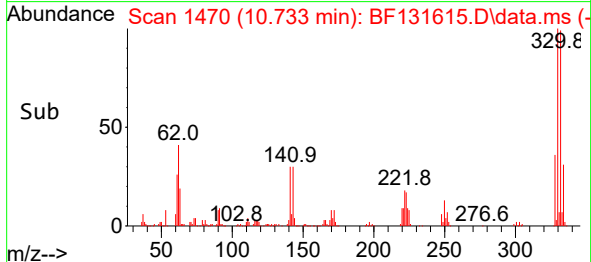
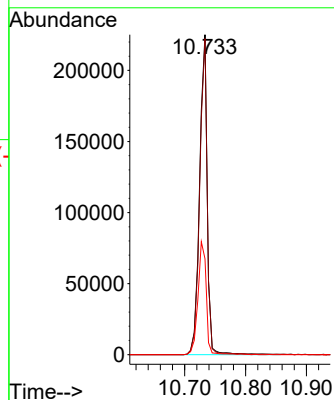
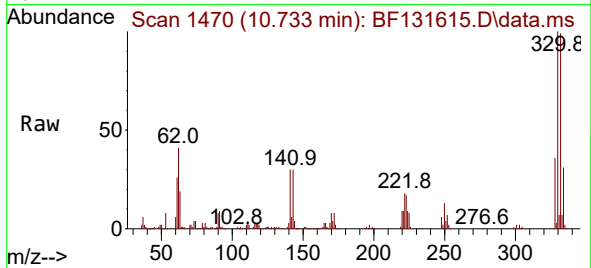




#42
2,4,6-Tribromophenol
Concen: 151.362 ng
RT: 10.733 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF131615.D
Acq: 13 Dec 2022 16:39

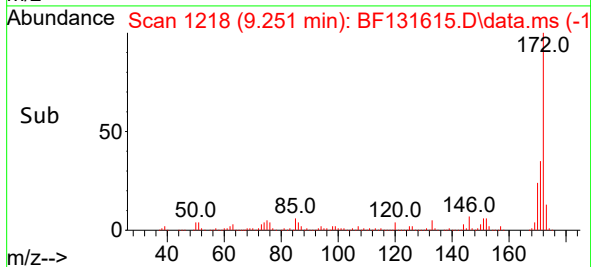
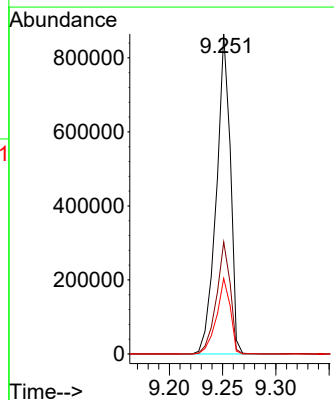
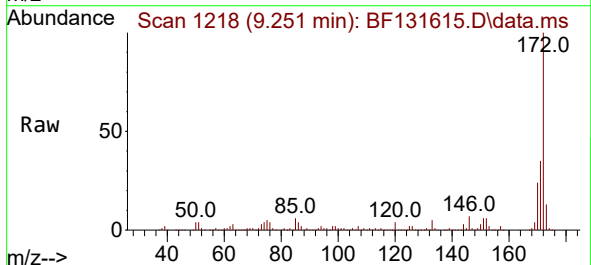
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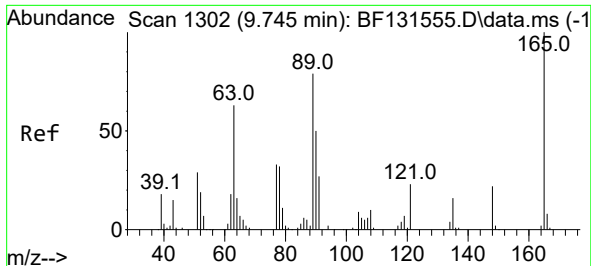
Tgt Ion:330 Resp: 195309
Ion Ratio Lower Upper
330 100
332 96.8 78.3 117.5
141 38.4 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 85.174 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131615.D
Acq: 13 Dec 2022 16:39

Tgt Ion:172 Resp: 784539
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.6 19.3 28.9

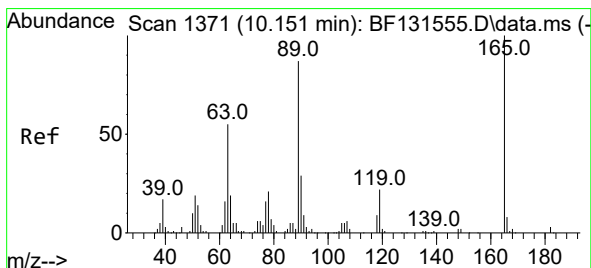
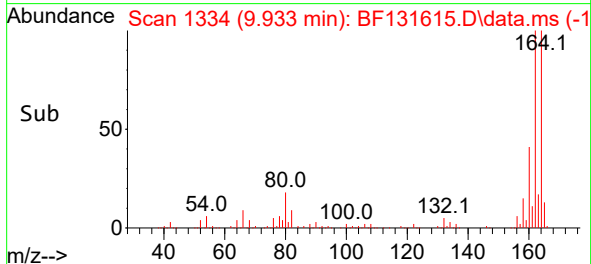
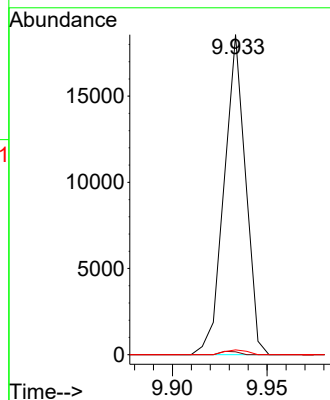
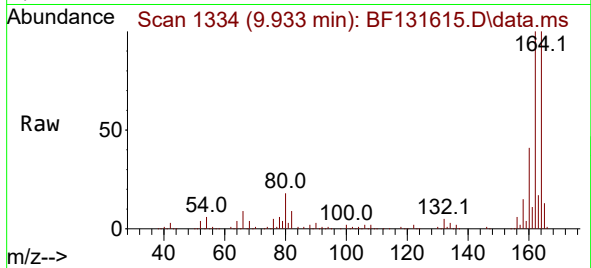




#51
2,6-Dinitrotoluene
Concen: 7.993 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131615.D
Acq: 13 Dec 2022 16:39

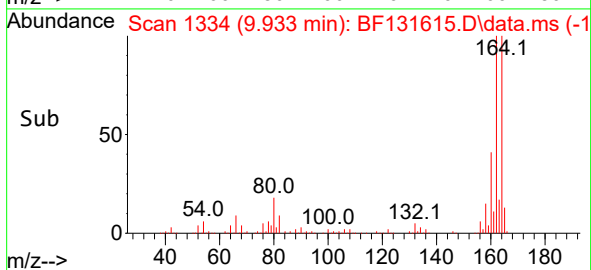
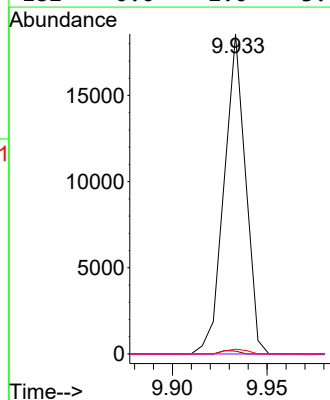
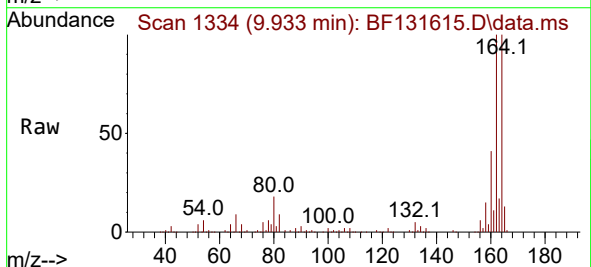
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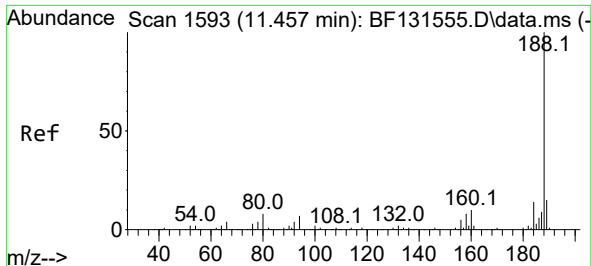
Tgt Ion:165 Resp: 14610
Ion Ratio Lower Upper
165 100
63 0.9 67.9 101.9#
89 1.5 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.026 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131615.D
Acq: 13 Dec 2022 16:39

Tgt Ion:165 Resp: 14610
Ion Ratio Lower Upper
165 100
63 0.9 44.4 66.6#
89 1.5 69.6 104.4#
182 0.0 2.0 3.0#

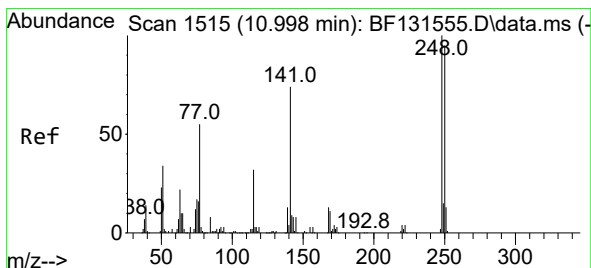
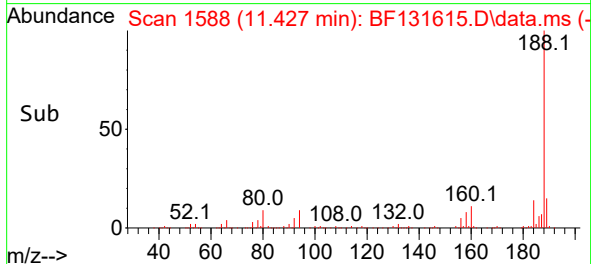
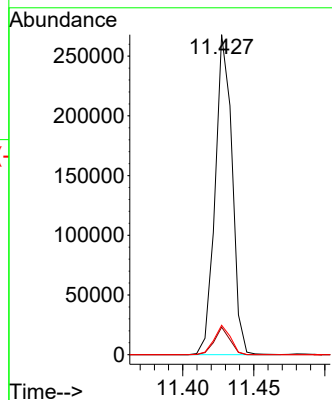
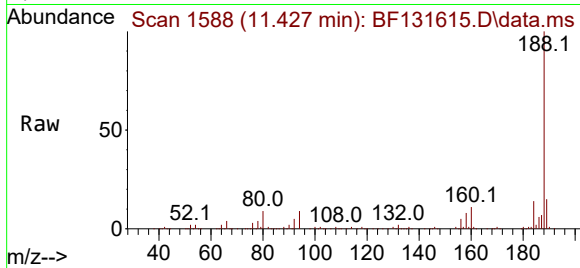




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131615.D
Acq: 13 Dec 2022 16:39

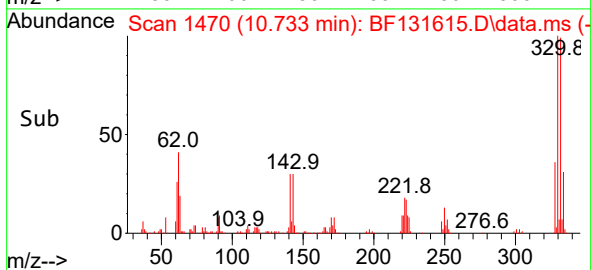
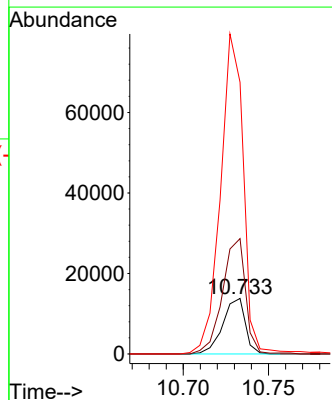
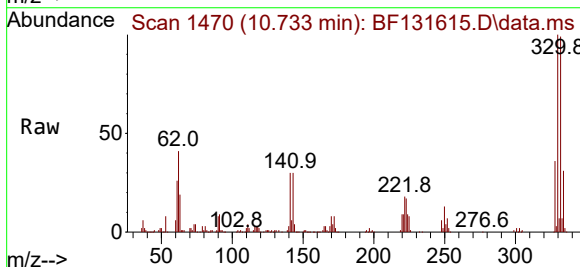
Instrument :
BNA_F
ClientSampleId :
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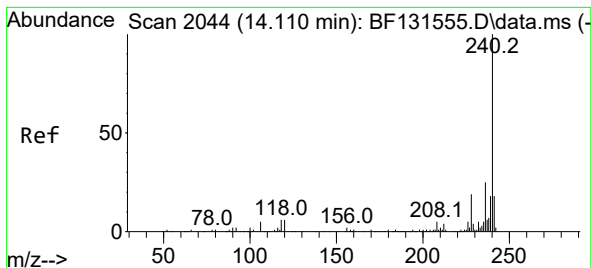
Tgt Ion:188 Resp: 222559
Ion Ratio Lower Upper
188 100
94 8.6 5.5 8.3#
80 9.2 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.429 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF131615.D
Acq: 13 Dec 2022 16:39

Tgt Ion:248 Resp: 12681
Ion Ratio Lower Upper
248 100
250 208.0 76.2 114.2#
141 489.4 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: BF131615.D

Acq: 13 Dec 2022 16:39

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01

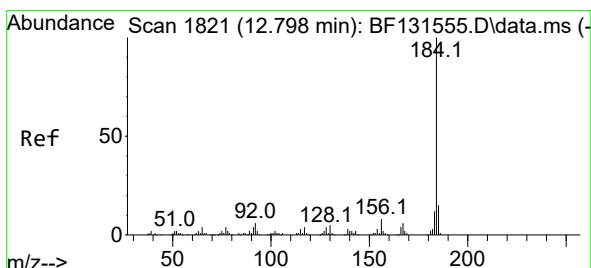
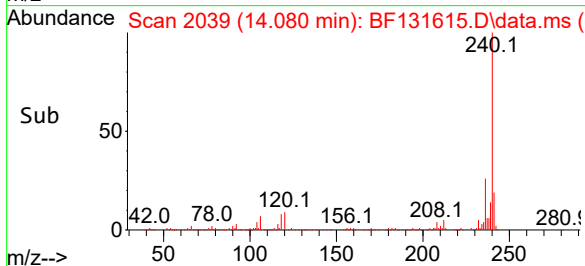
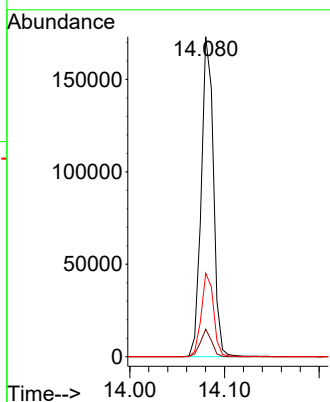
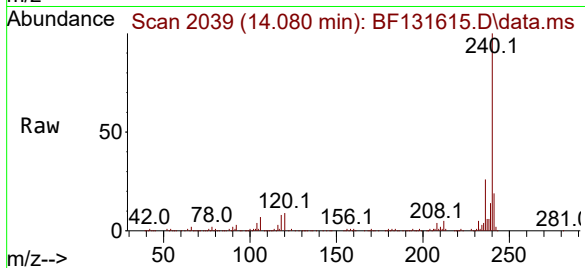
Tgt Ion:240 Resp: 154882

Ion Ratio Lower Upper

240 100

120 8.6 4.6 7.0#

236 26.1 20.2 30.2



#77

Benzidine

Concen: 3.881 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.253 min

Lab File: BF131615.D

Acq: 13 Dec 2022 16:39

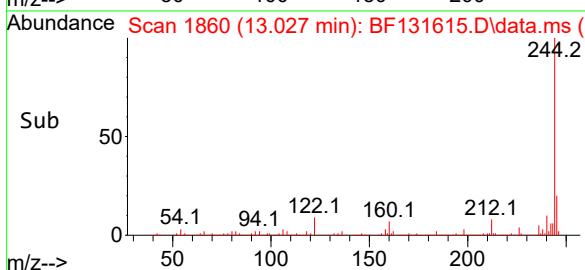
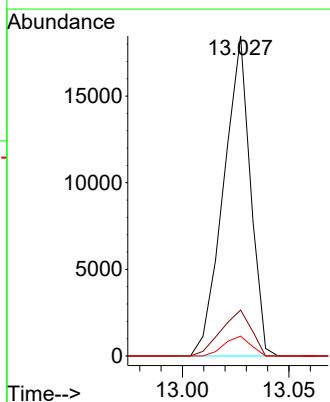
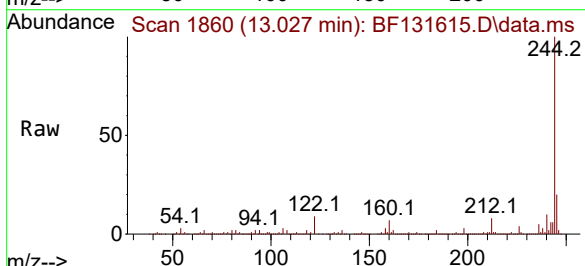
Tgt Ion:184 Resp: 16106

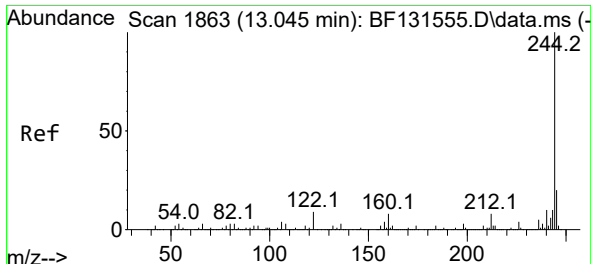
Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.2

183 6.2 9.3 13.9#

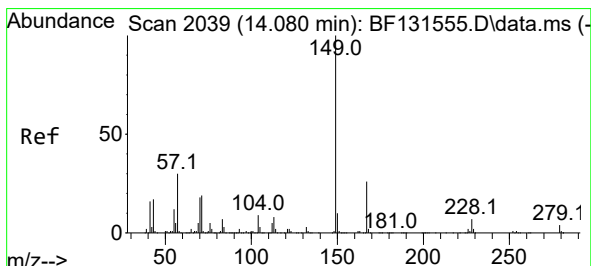
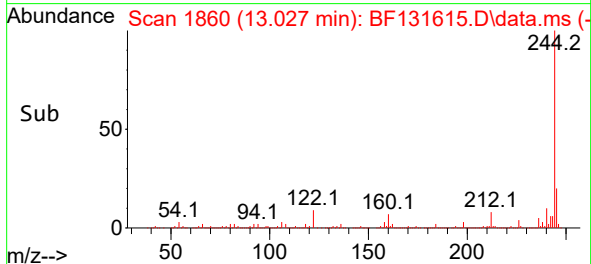
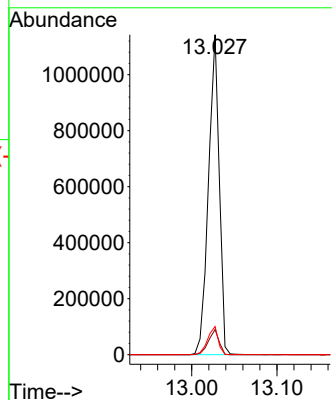
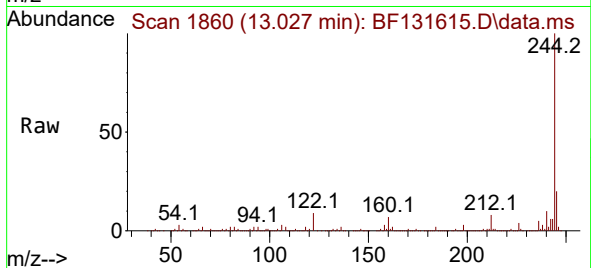




#79
 Terphenyl-d14
 Concen: 88.857 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF131615.D
 Acq: 13 Dec 2022 16:39

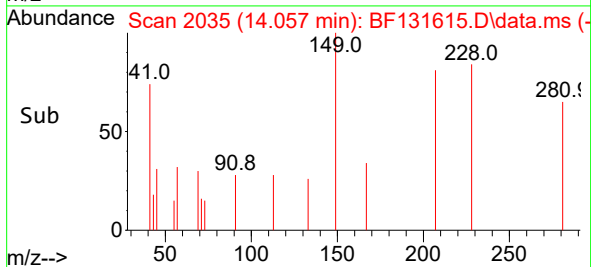
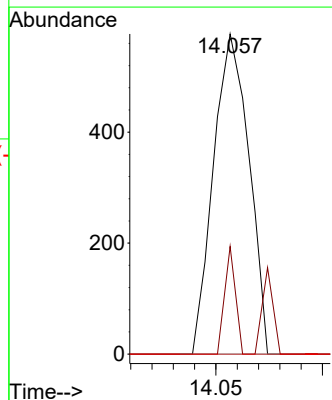
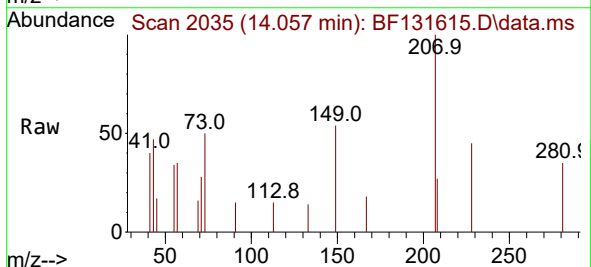
Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-01

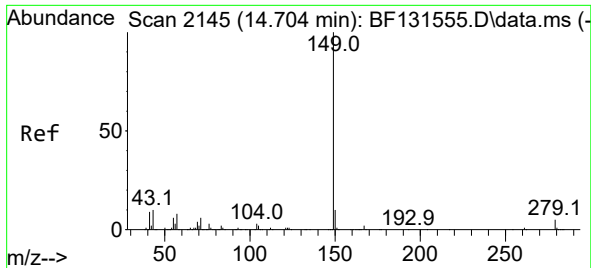
Tgt Ion:244 Resp: 1003518
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 8.8 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.136 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. -0.006 min
 Lab File: BF131615.D
 Acq: 13 Dec 2022 16:39

Tgt Ion:149 Resp: 667
 Ion Ratio Lower Upper
 149 100
 167 33.6 20.8 31.2#
 279 0.0 3.3 4.9#

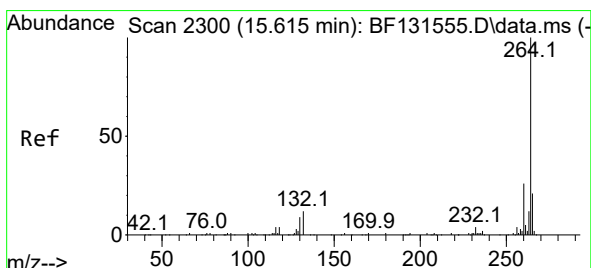
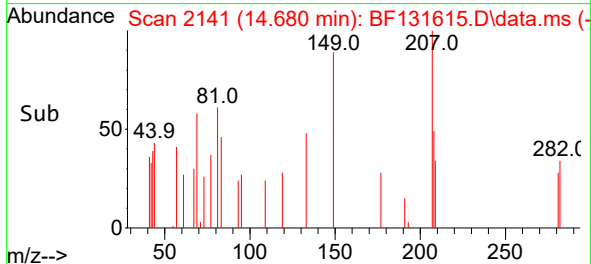
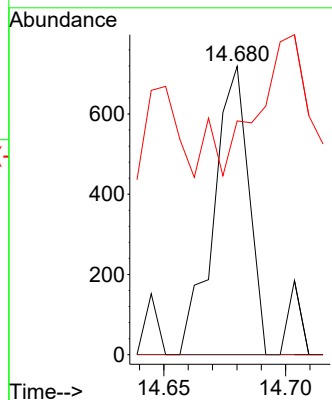
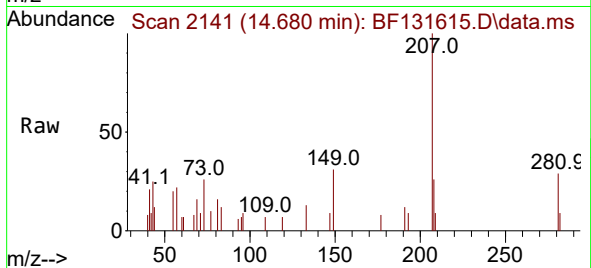




#85
Di-n-octyl phthalate
Concen: 5.284 ng
RT: 14.680 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131615.D
Acq: 13 Dec 2022 16:39

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01

Tgt Ion:149 Resp: 717
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: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF131615.D
Acq: 13 Dec 2022 16:39

Tgt Ion:264 Resp: 106600
Ion Ratio Lower Upper
264 100
260 23.4 20.6 30.8
265 19.7 16.8 25.2

