

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131619.D
 Acq On : 13 Dec 2022 18:49
 Operator : CG\JU
 Sample : N5964-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-03

Quant Time: Dec 14 03:34:47 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)

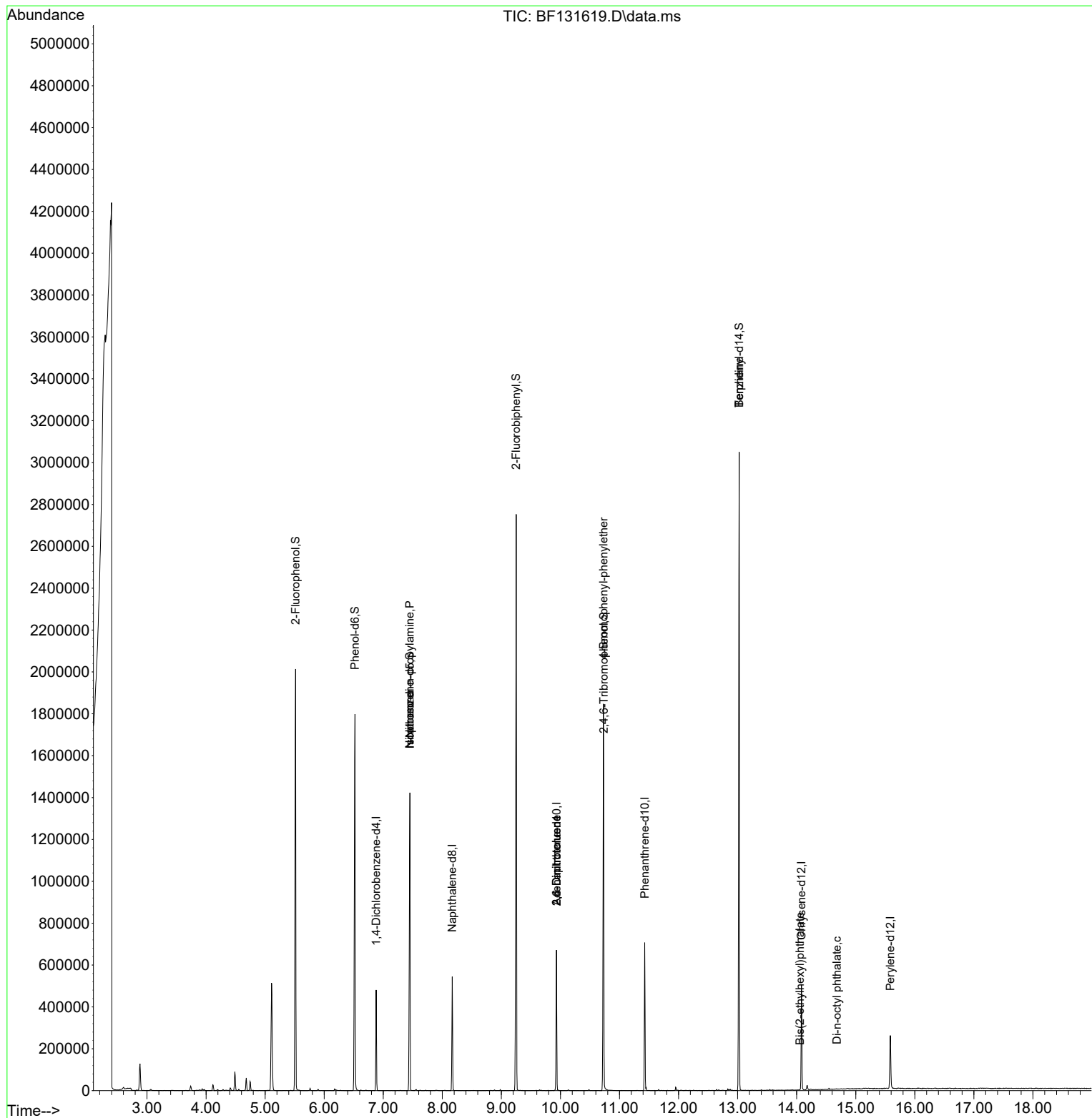
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	58490	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	209298	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	121754	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	230814	20.000	ng	0.00
76) Chrysene-d12	14.080	240	162044	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	118895	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	497027	141.765	ng	0.02
7) Phenol-d6	6.522	99	595838	129.689	ng	0.00
23) Nitrobenzene-d5	7.451	82	481565	86.988	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	210211	155.398	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	830028	85.957	ng	0.00
79) Terphenyl-d14	13.027	244	1041297	88.127	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	68719	19.947	ng	# 76
25) Isophorone	7.451	82	481556	54.004	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	15767	8.229	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	15767	6.203	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	14199	4.782	ng	# 1
77) Benzidine	13.027	184	15739	3.625	ng	# 95
84) Bis(2-ethylhexyl)phtha...	14.057	149	613	3.123	ng	# 80
85) Di-n-octyl phthalate	14.680	149	533	5.265	ng	# 1

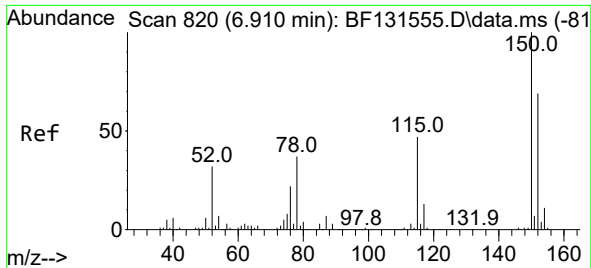
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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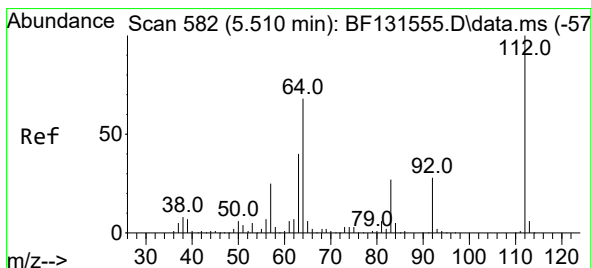
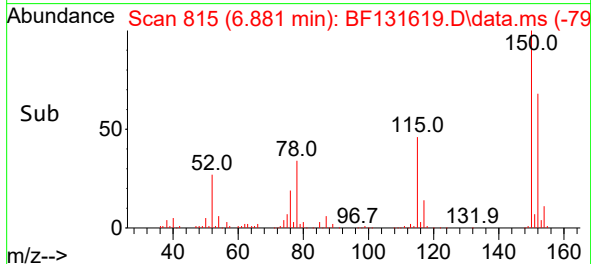
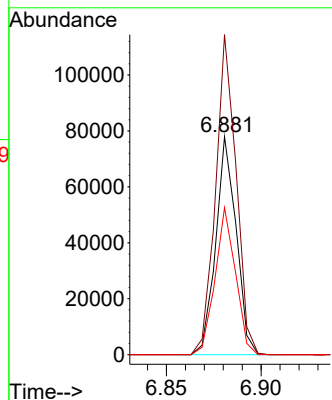
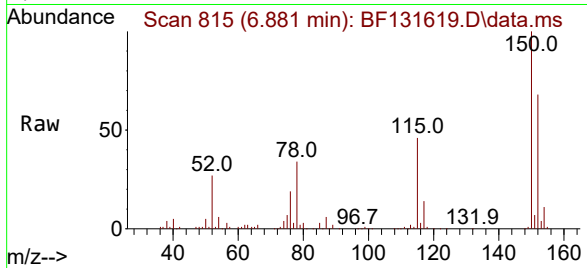




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131619.D
Acq: 13 Dec 2022 18:49

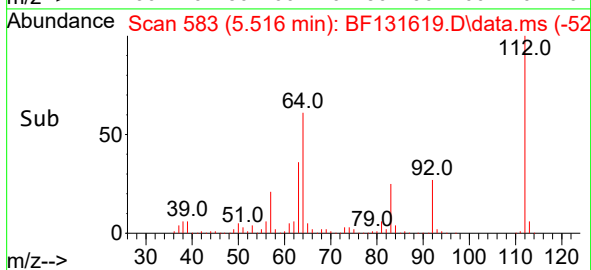
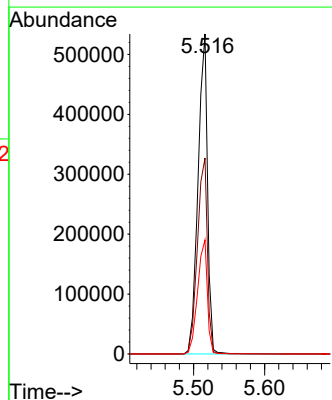
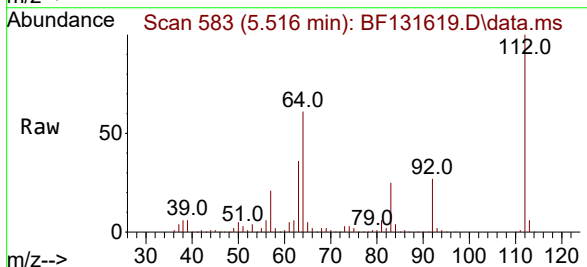
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-03

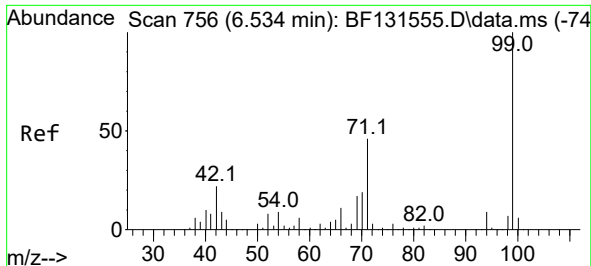
Tgt Ion:152 Resp: 58490
Ion Ratio Lower Upper
152 100
150 146.7 116.7 175.1
115 67.4 54.6 82.0



#5
2-Fluorophenol
Concen: 141.765 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF131619.D
Acq: 13 Dec 2022 18:49

Tgt Ion:112 Resp: 497027
Ion Ratio Lower Upper
112 100
64 61.3 54.5 81.7
63 35.7 31.9 47.9

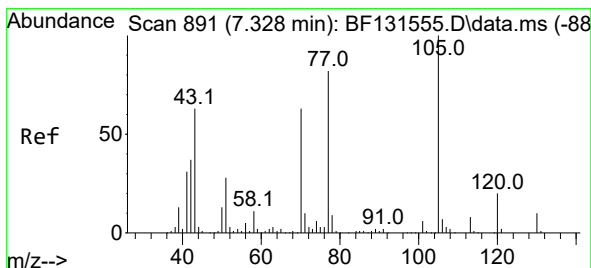
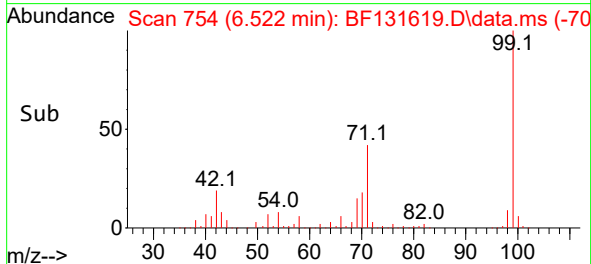
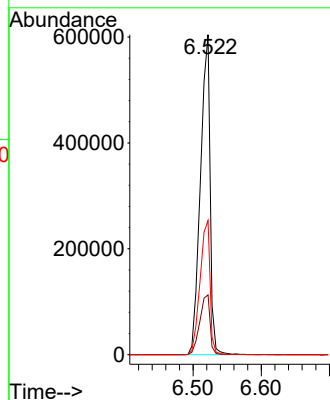
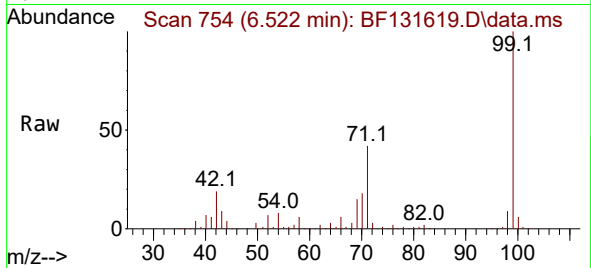




#7
Phenol-d6
Concen: 129.689 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131619.D
Acq: 13 Dec 2022 18:49

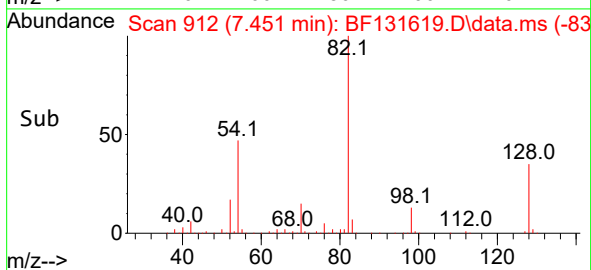
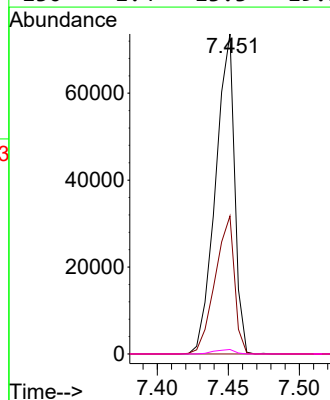
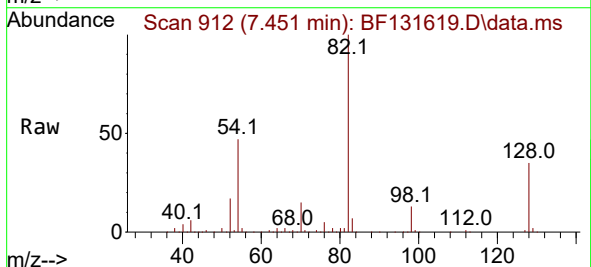
Instrument :
BNA_F
ClientSampleId :
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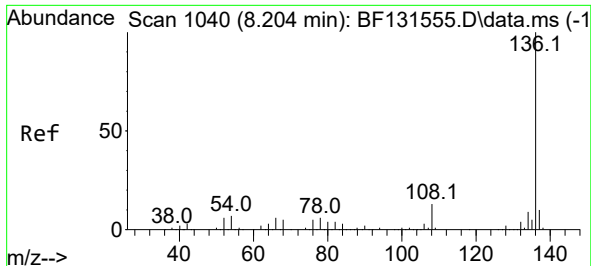
Tgt Ion: 99 Resp: 595838
Ion Ratio Lower Upper
99 100
42 18.7 17.9 26.9
71 41.9 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.947 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.153 min
Lab File: BF131619.D
Acq: 13 Dec 2022 18:49

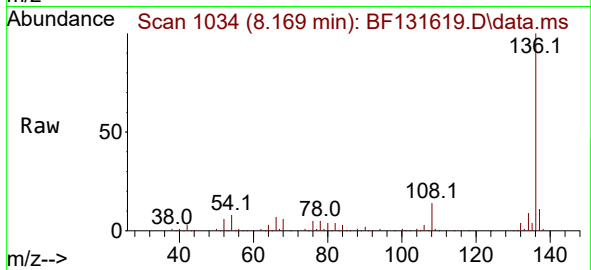
Tgt Ion: 70 Resp: 68719
Ion Ratio Lower Upper
70 100
42 43.1 46.4 69.6#
101 0.0 7.2 10.8#
130 1.4 13.3 19.9#



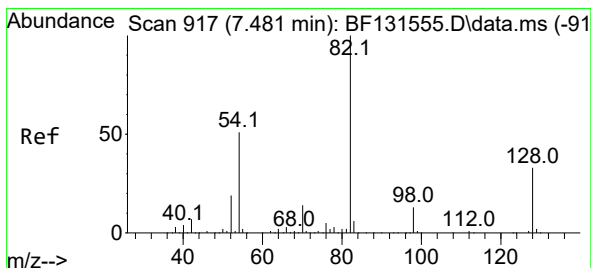
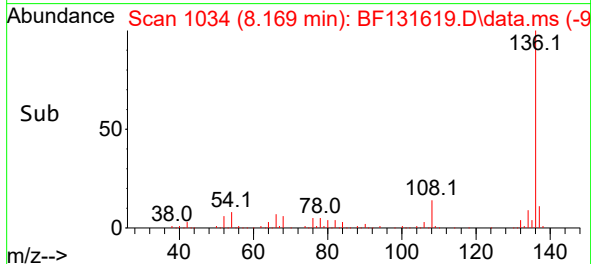
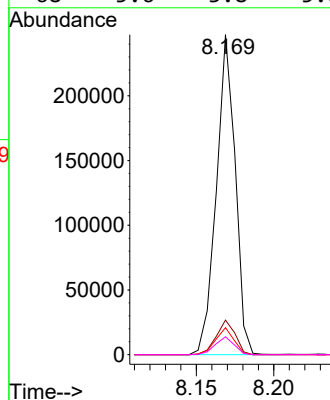


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131619.D
Acq: 13 Dec 2022 18:49

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-03

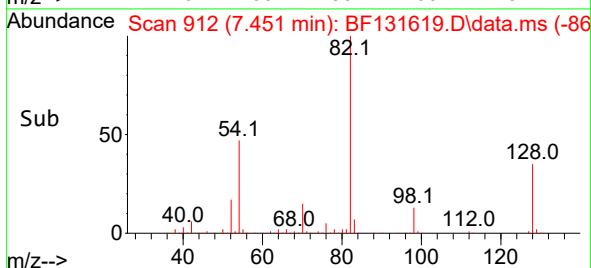
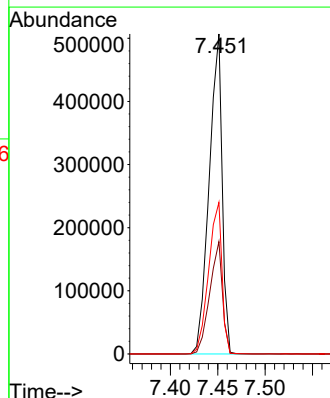
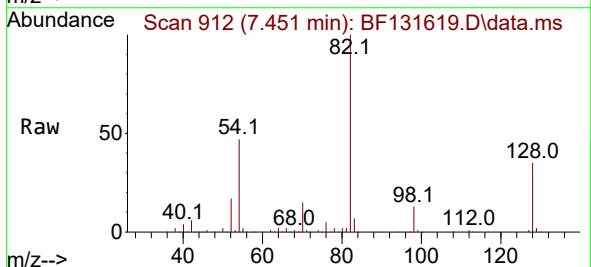


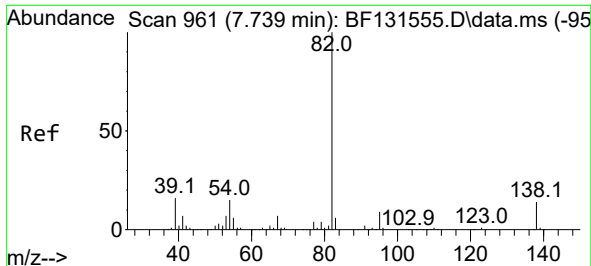
Tgt Ion:136 Resp: 209298
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.5 6.0 9.0
68 5.6 3.8 5.8



#23
Nitrobenzene-d5
Concen: 86.988 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF131619.D
Acq: 13 Dec 2022 18:49

Tgt Ion: 82 Resp: 481565
Ion Ratio Lower Upper
82 100
128 35.1 26.1 39.1
54 47.3 40.6 60.8

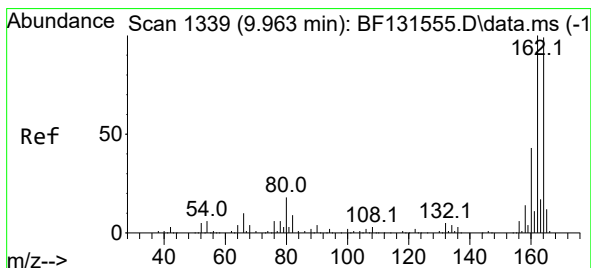
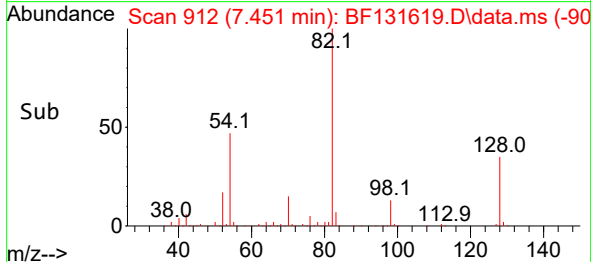
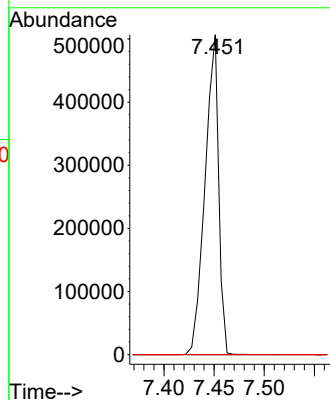
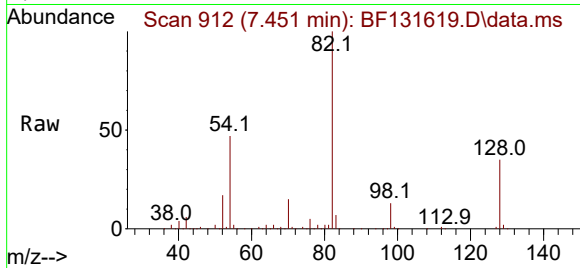




#25
Isophorone
Concen: 54.004 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131619.D
Acq: 13 Dec 2022 18:49

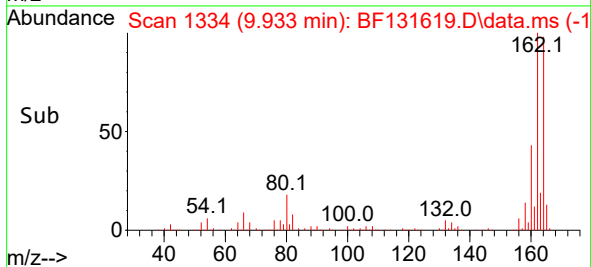
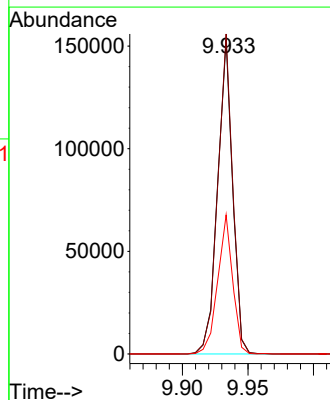
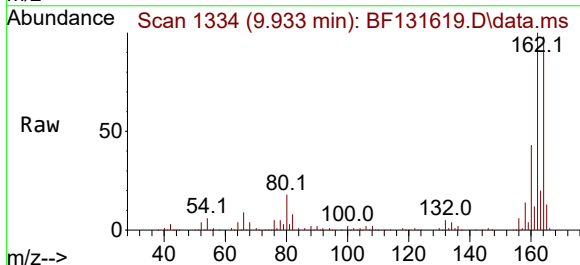
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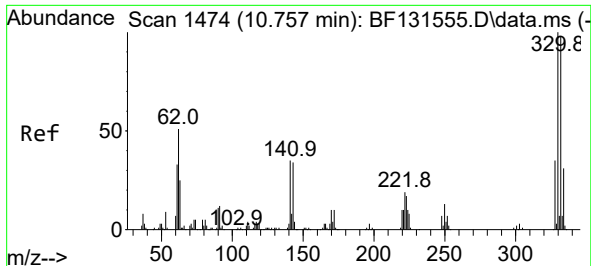
Tgt Ion: 82 Resp: 481556
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131619.D
Acq: 13 Dec 2022 18:49

Tgt Ion:164 Resp: 121754
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.6
160 44.2 35.0 52.6

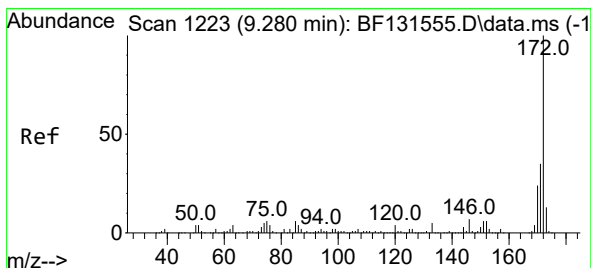
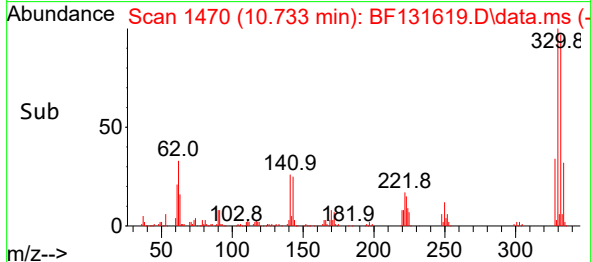
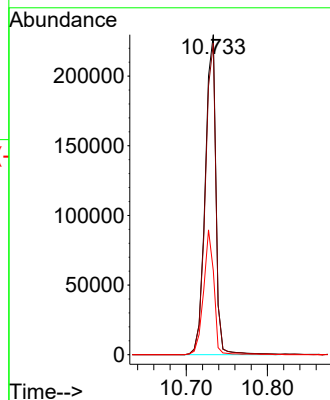
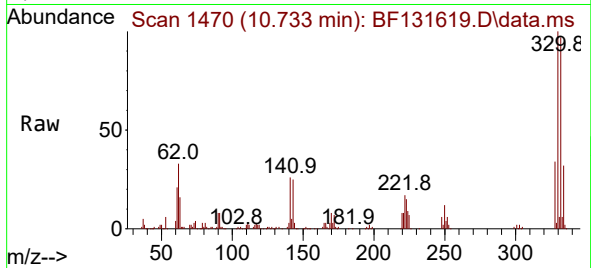




#42
2,4,6-Tribromophenol
Concen: 155.398 ng
RT: 10.733 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF131619.D
Acq: 13 Dec 2022 18:49

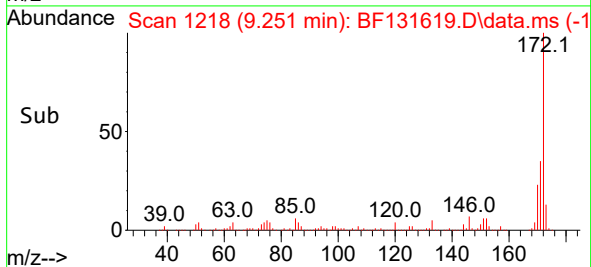
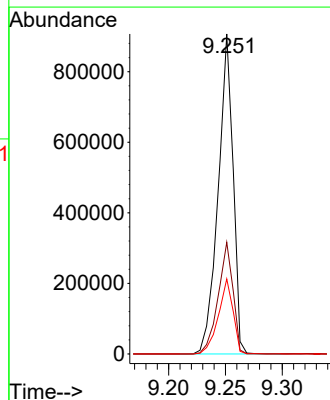
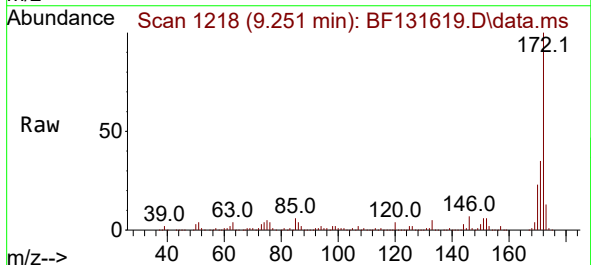
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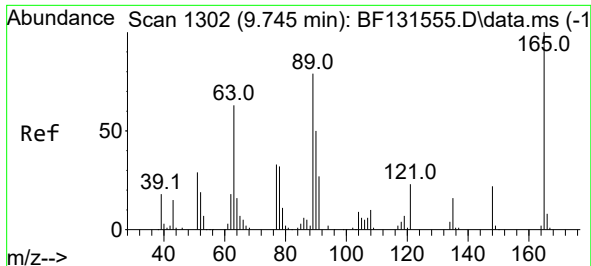
Tgt Ion:330 Resp: 210211
Ion Ratio Lower Upper
330 100
332 97.0 78.3 117.5
141 37.7 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 85.957 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131619.D
Acq: 13 Dec 2022 18:49

Tgt Ion:172 Resp: 830028
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.4 19.3 28.9

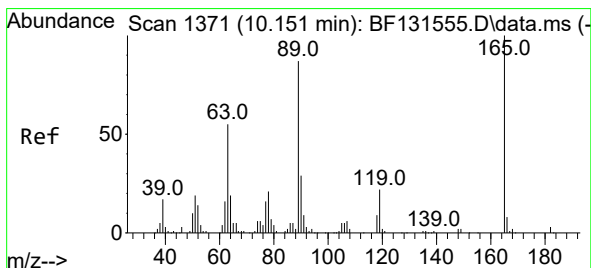
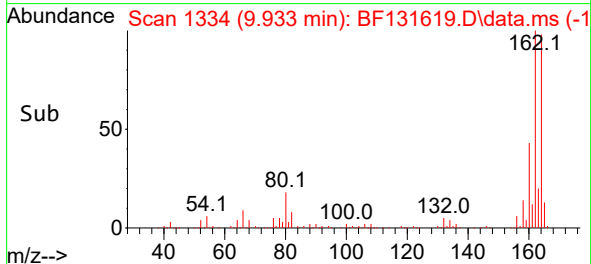
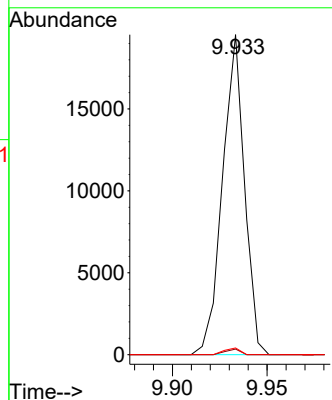
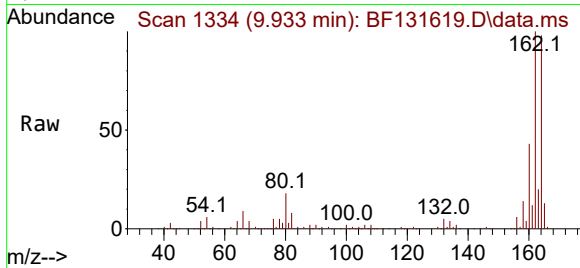




#51
2,6-Dinitrotoluene
Concen: 8.229 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131619.D
Acq: 13 Dec 2022 18:49

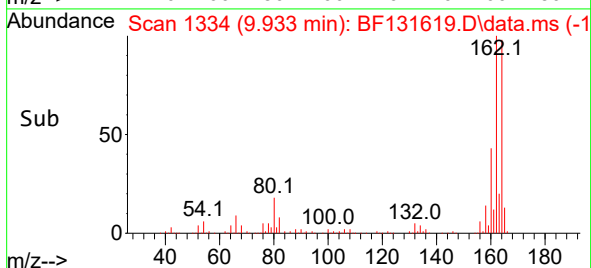
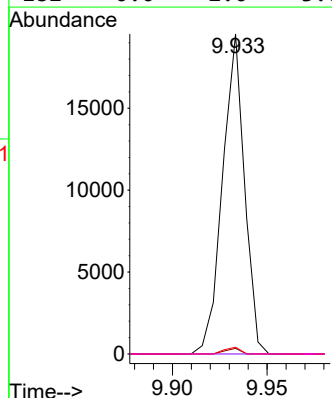
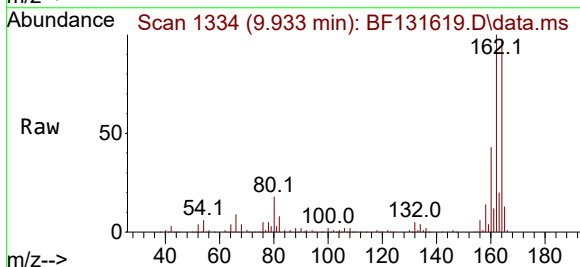
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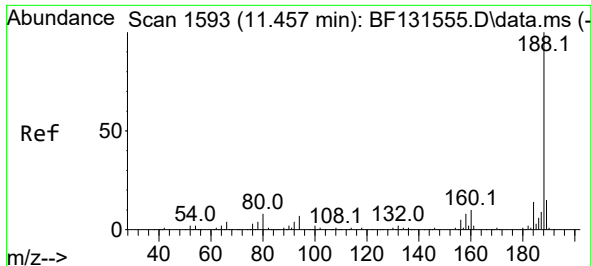
Tgt Ion:165 Resp: 15767
Ion Ratio Lower Upper
165 100
63 1.8 67.9 101.9#
89 2.1 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.203 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131619.D
Acq: 13 Dec 2022 18:49

Tgt Ion:165 Resp: 15767
Ion Ratio Lower Upper
165 100
63 1.8 44.4 66.6#
89 2.1 69.6 104.4#
182 0.0 2.0 3.0#

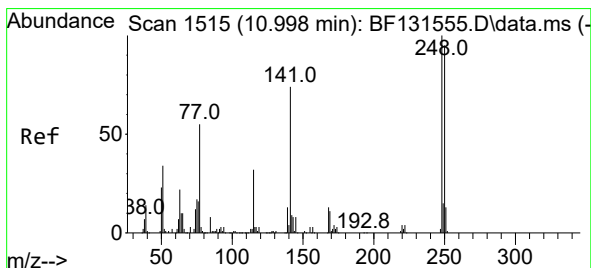
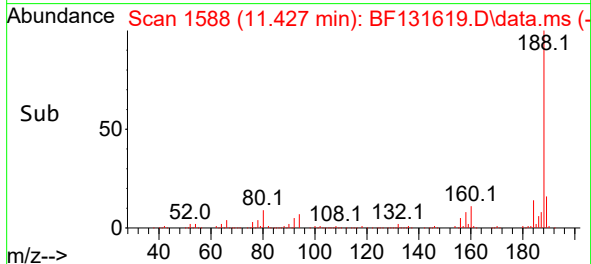
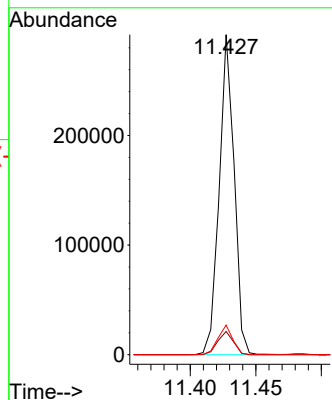
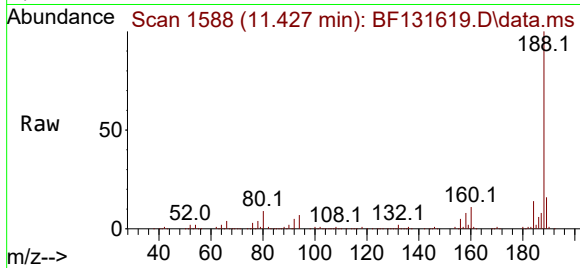




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131619.D
Acq: 13 Dec 2022 18:49

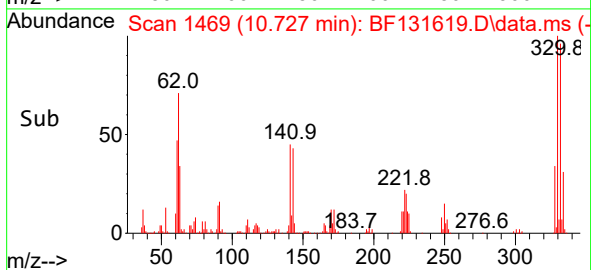
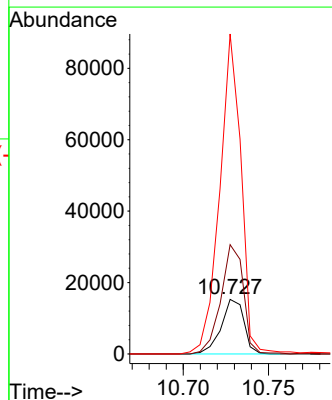
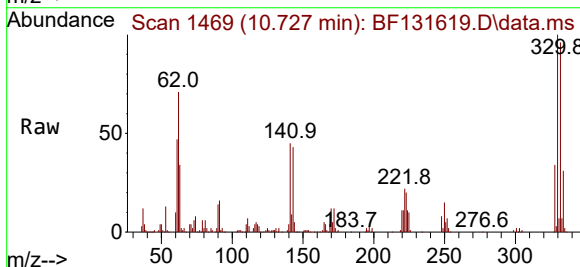
Instrument :
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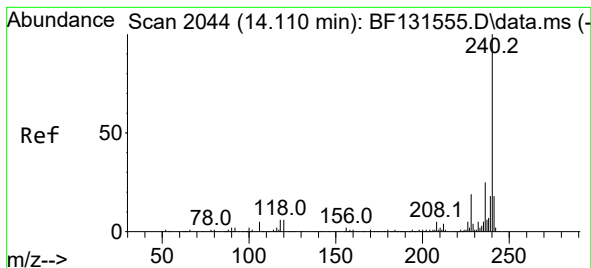
Tgt Ion:188 Resp: 230814
Ion Ratio Lower Upper
188 100
94 7.2 5.5 8.3
80 9.3 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.782 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF131619.D
Acq: 13 Dec 2022 18:49

Tgt Ion:248 Resp: 14199
Ion Ratio Lower Upper
248 100
250 200.3 76.2 114.2#
141 586.4 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: BF131619.D

Acq: 13 Dec 2022 18:49

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-03

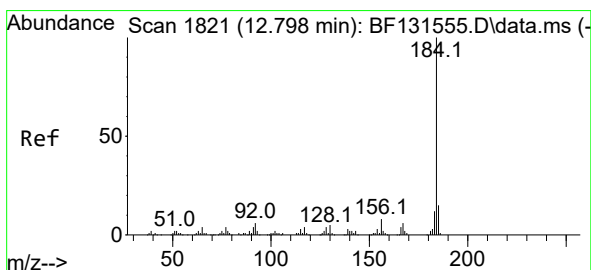
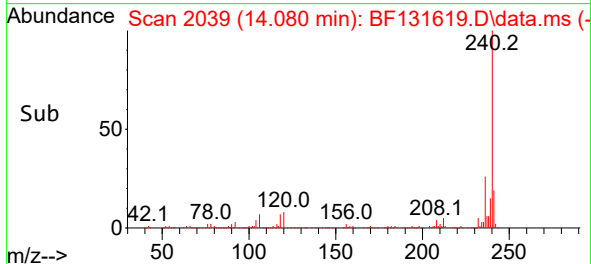
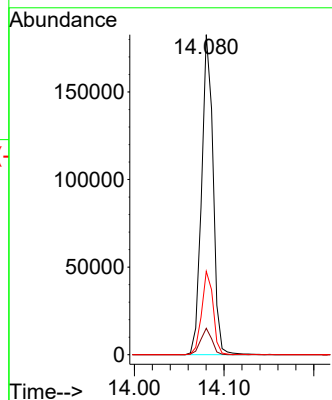
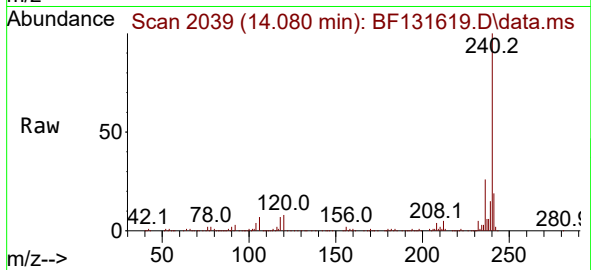
Tgt Ion:240 Resp: 162044

Ion Ratio Lower Upper

240 100

120 8.2 4.6 7.0#

236 26.1 20.2 30.2



#77

Benzidine

Concen: 3.625 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.253 min

Lab File: BF131619.D

Acq: 13 Dec 2022 18:49

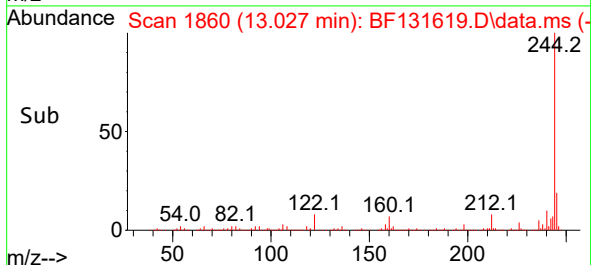
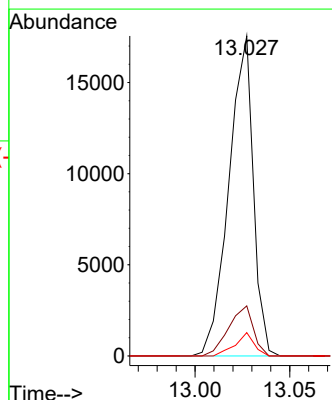
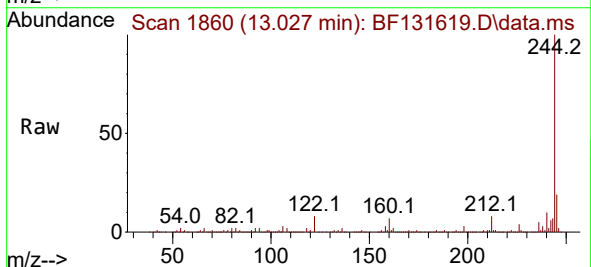
Tgt Ion:184 Resp: 15739

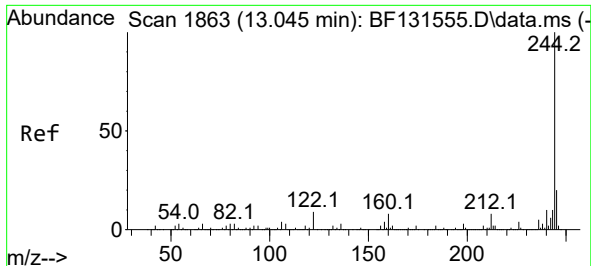
Ion Ratio Lower Upper

184 100

185 15.7 12.2 18.2

183 7.3 9.3 13.9#

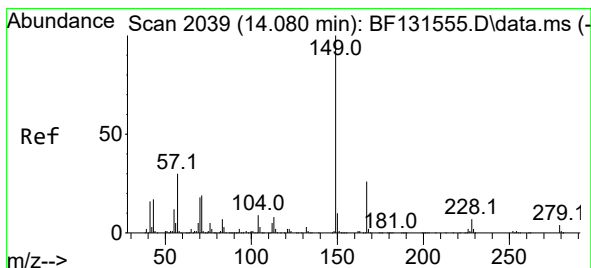
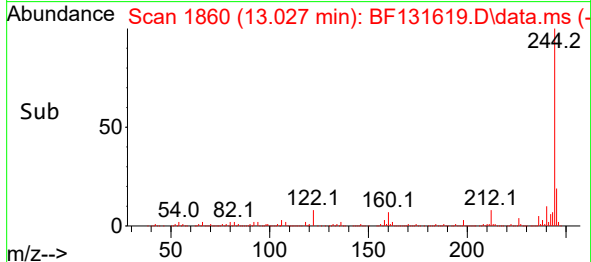
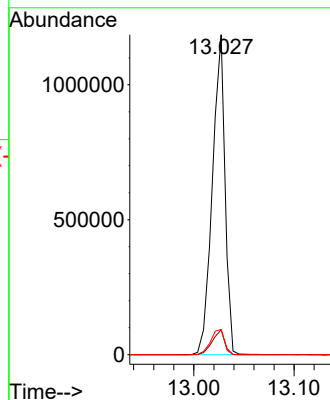
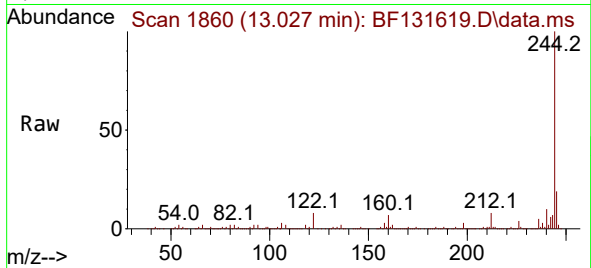




#79
 Terphenyl-d14
 Concen: 88.127 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF131619.D
 Acq: 13 Dec 2022 18:49

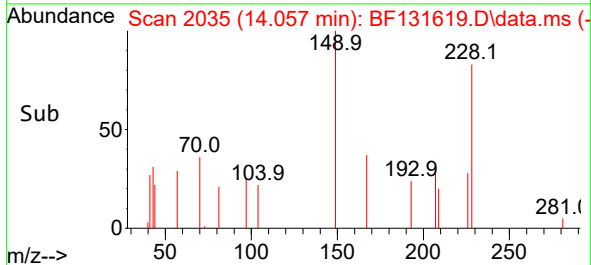
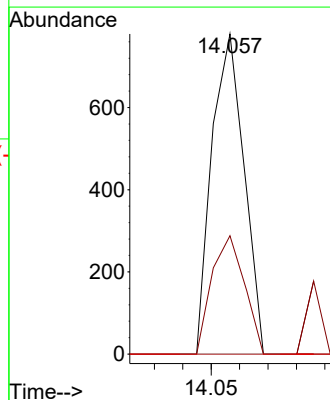
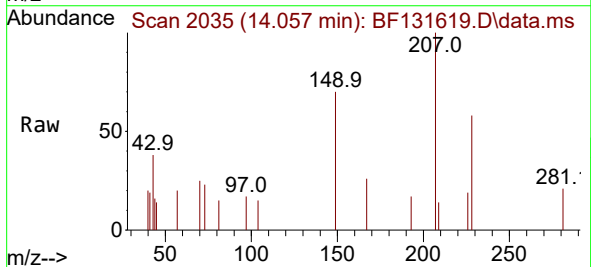
Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-03

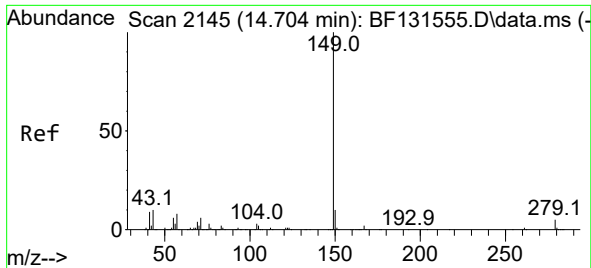
Tgt Ion:244 Resp: 1041297
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 7.9 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.123 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. -0.006 min
 Lab File: BF131619.D
 Acq: 13 Dec 2022 18:49

Tgt Ion:149 Resp: 613
 Ion Ratio Lower Upper
 149 100
 167 37.0 20.8 31.2#
 279 0.0 3.3 4.9#

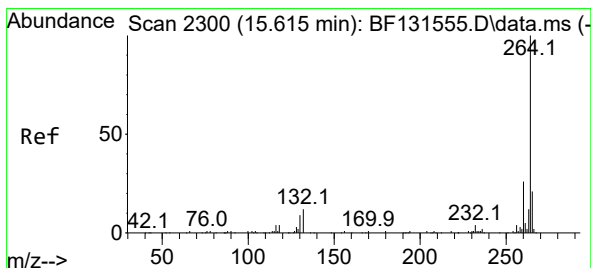
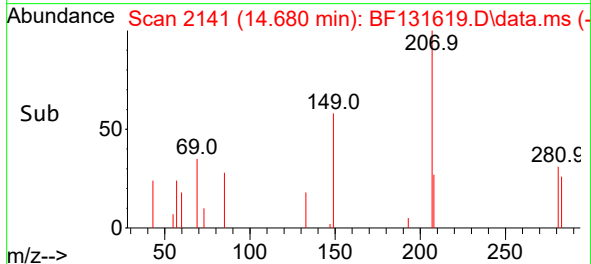
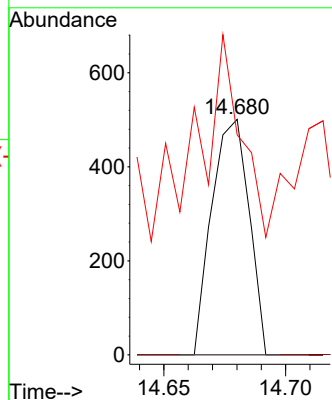
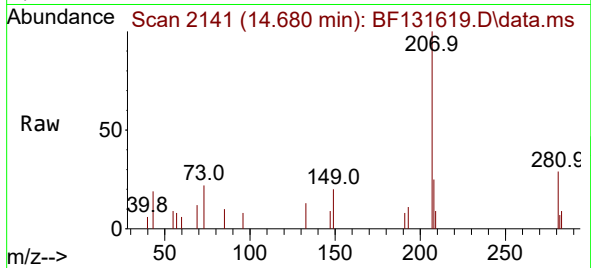




#85
Di-n-octyl phthalate
Concen: 5.265 ng
RT: 14.680 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131619.D
Acq: 13 Dec 2022 18:49

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-03

Tgt Ion:149 Resp: 533
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 109.4 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: BF131619.D
Acq: 13 Dec 2022 18:49

Tgt Ion:264 Resp: 118895
Ion Ratio Lower Upper
264 100
260 24.3 20.6 30.8
265 22.1 16.8 25.2

