

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131620.D
 Acq On : 13 Dec 2022 19:21
 Operator : CG\JU
 Sample : N5964-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-04

Quant Time: Dec 14 03:35:03 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)

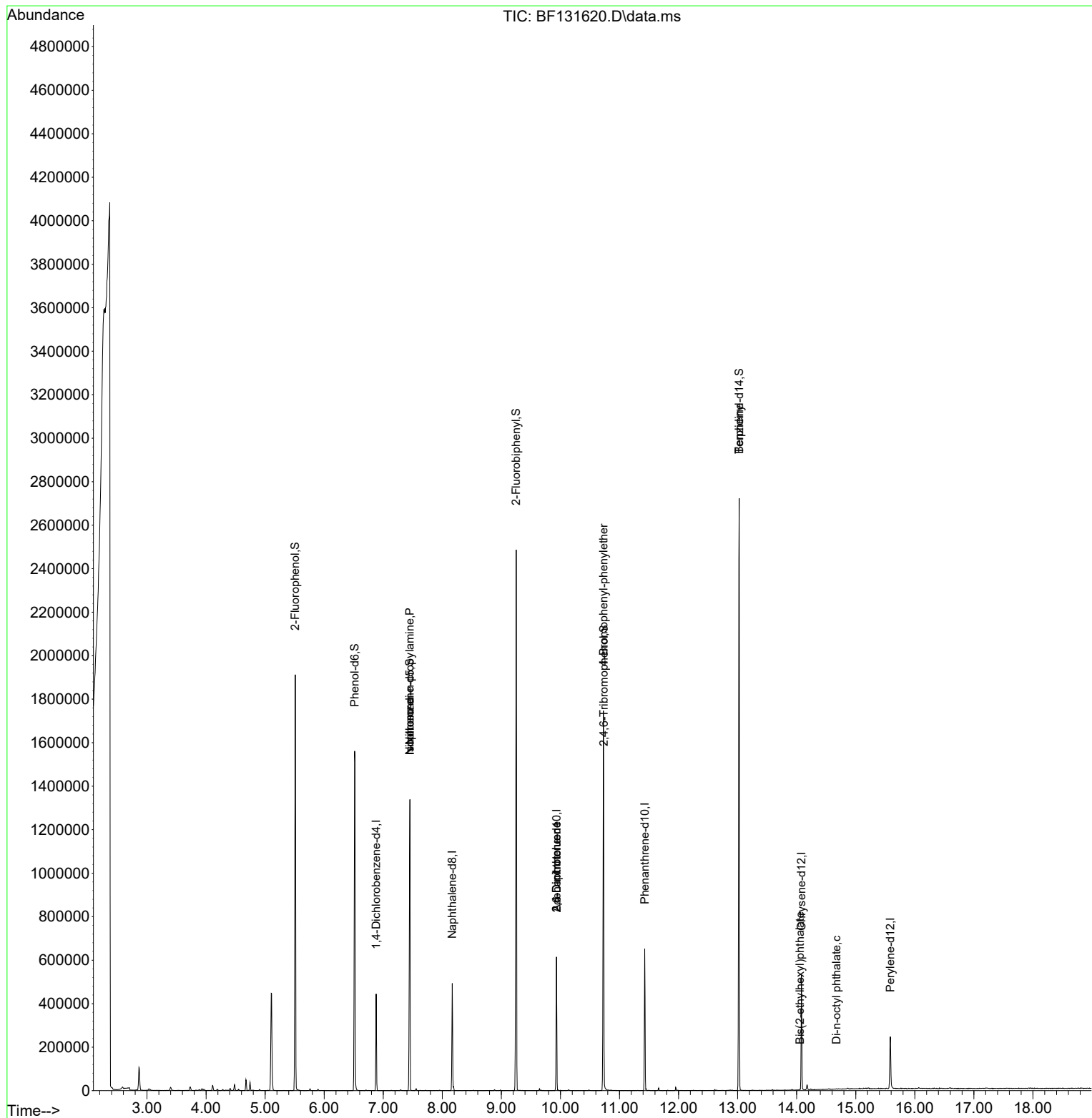
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	54076	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	192942	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	112030	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	219944	20.000	ng	0.00
76) Chrysene-d12	14.080	240	160473	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	113570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	459970	141.904	ng	0.01
7) Phenol-d6	6.516	99	556520	131.019	ng	0.00
23) Nitrobenzene-d5	7.451	82	447669	87.720	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	198340	159.349	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	770063	86.669	ng	0.00
79) Terphenyl-d14	13.027	244	956133	81.711	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	63606	19.970	ng	# 77
25) Isophorone	7.451	82	447664	54.459	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	14701	8.338	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	14701	6.286	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	13785	4.872	ng	# 1
77) Benzidine	13.027	184	14556	3.385	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.057	149	751	3.145	ng	# 88
85) Di-n-octyl phthalate	14.674	149	643	5.275	ng	# 93

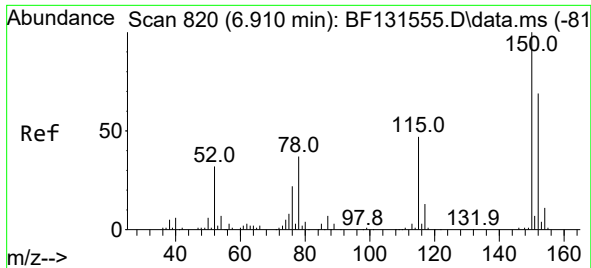
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 14 03:35:03 2022
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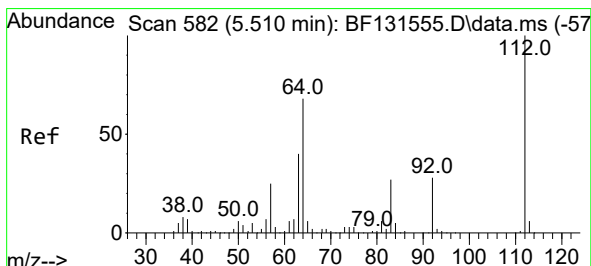
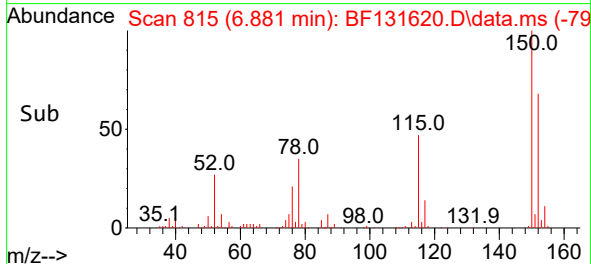
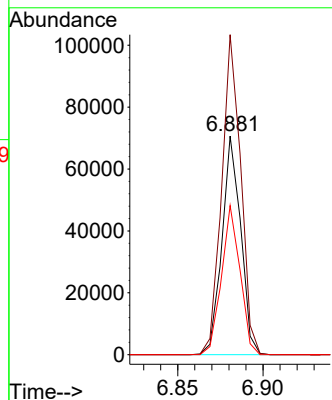
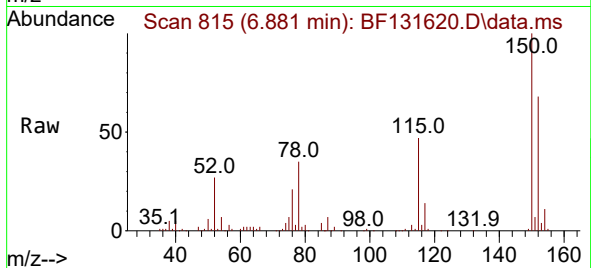




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131620.D
Acq: 13 Dec 2022 19:21

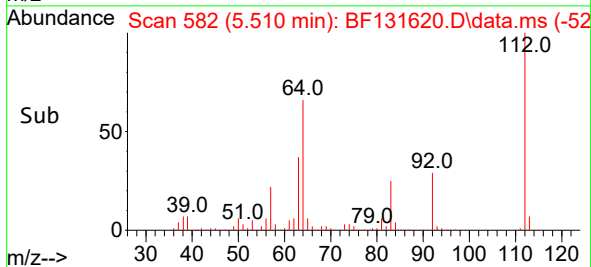
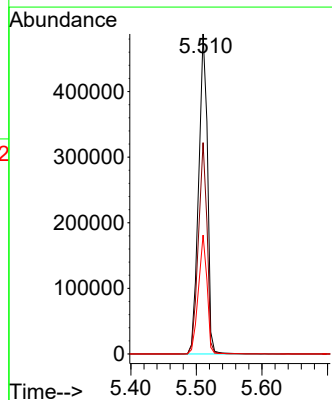
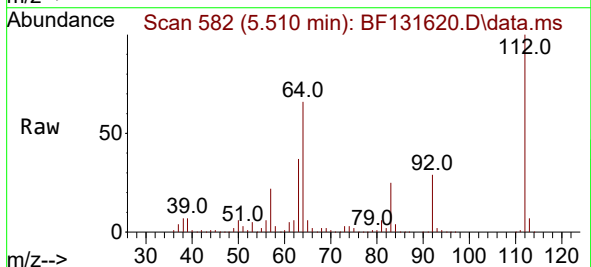
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-04

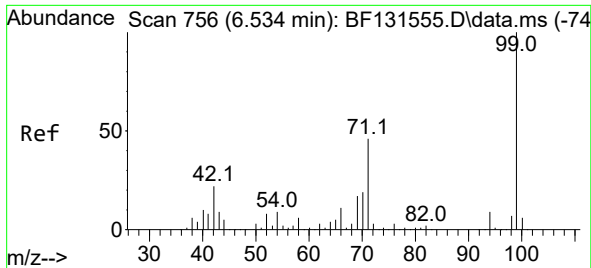
Tgt Ion:152 Resp: 54076
Ion Ratio Lower Upper
152 100
150 146.4 116.7 175.1
115 68.2 54.6 82.0



#5
2-Fluorophenol
Concen: 141.904 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF131620.D
Acq: 13 Dec 2022 19:21

Tgt Ion:112 Resp: 459970
Ion Ratio Lower Upper
112 100
64 66.0 54.5 81.7
63 37.2 31.9 47.9

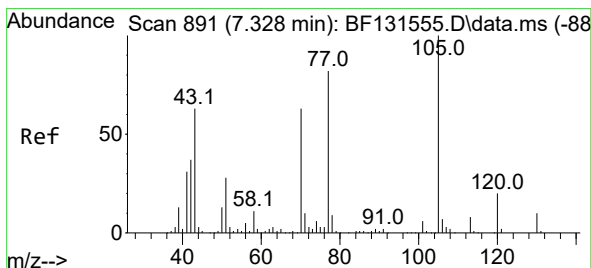
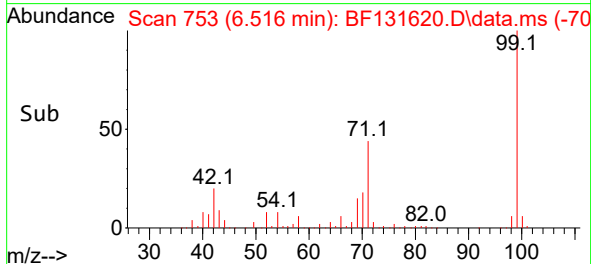
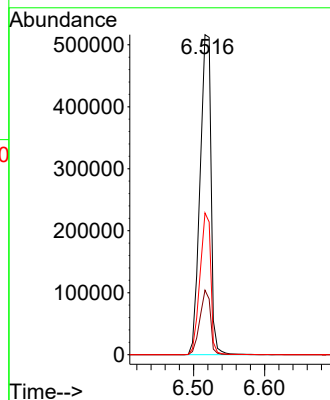
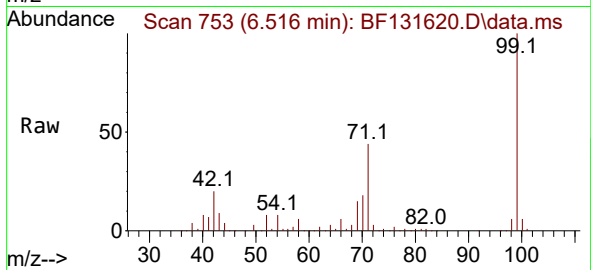




#7
Phenol-d6
Concen: 131.019 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131620.D
Acq: 13 Dec 2022 19:21

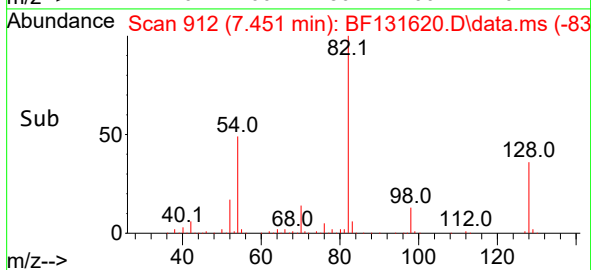
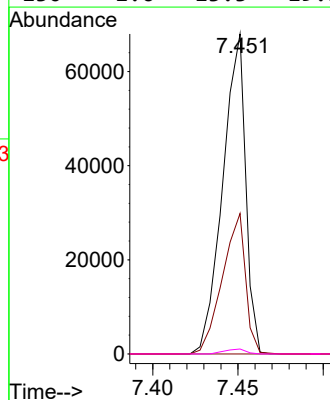
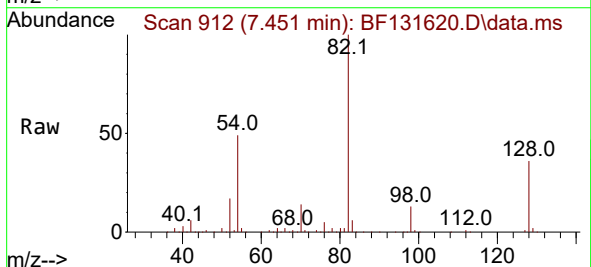
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-04

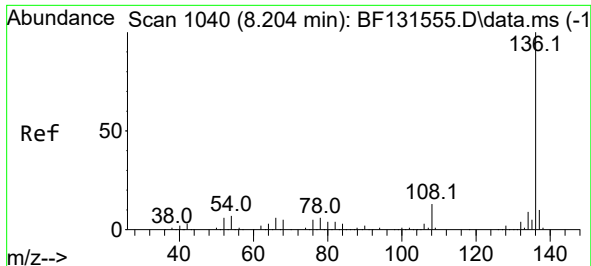
Tgt Ion: 99 Resp: 556520
Ion Ratio Lower Upper
99 100
42 20.1 17.9 26.9
71 44.3 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.970 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.153 min
Lab File: BF131620.D
Acq: 13 Dec 2022 19:21

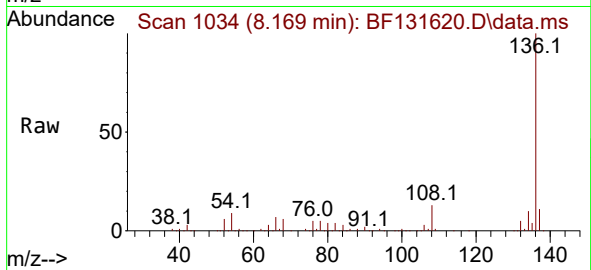
Tgt Ion: 70 Resp: 63606
Ion Ratio Lower Upper
70 100
42 43.9 46.4 69.6#
101 0.0 7.2 10.8#
130 1.6 13.3 19.9#



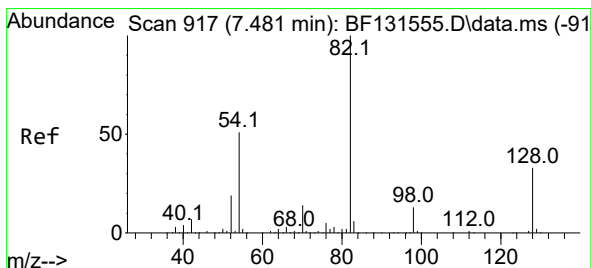
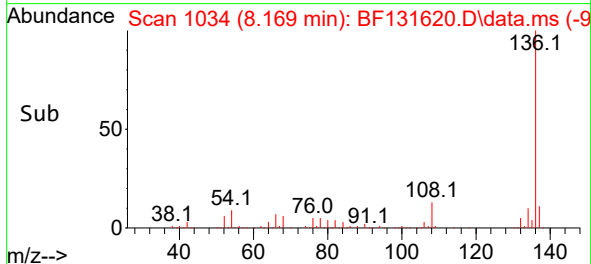
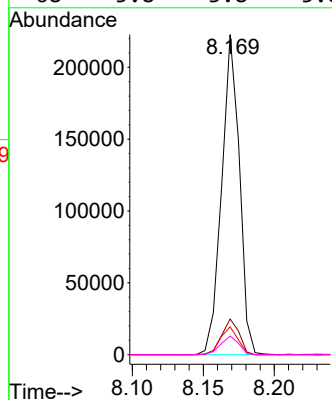


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131620.D
Acq: 13 Dec 2022 19:21

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-04

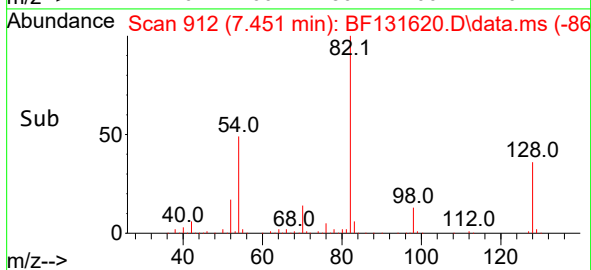
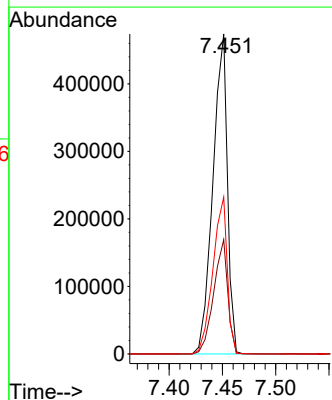
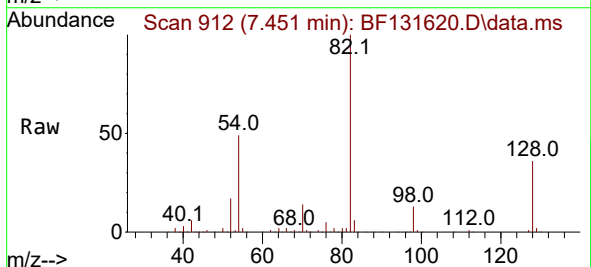


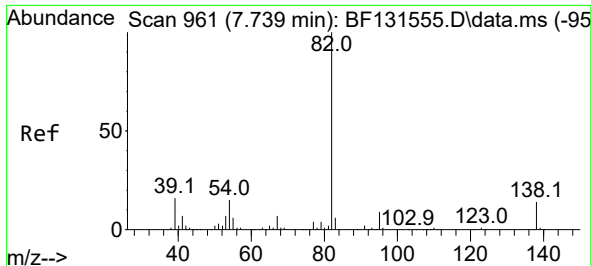
Tgt Ion:136 Resp: 192942
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 8.7 6.0 9.0
68 5.8 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 87.720 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF131620.D
Acq: 13 Dec 2022 19:21

Tgt Ion: 82 Resp: 447669
Ion Ratio Lower Upper
82 100
128 35.7 26.1 39.1
54 49.0 40.6 60.8

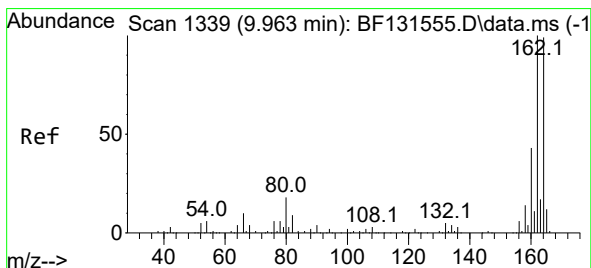
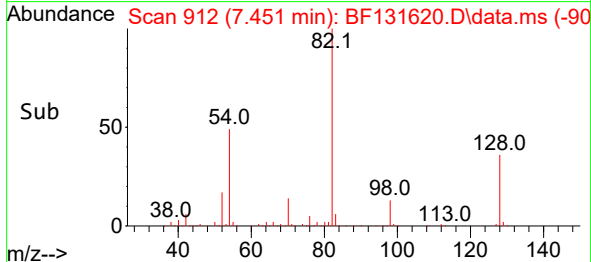
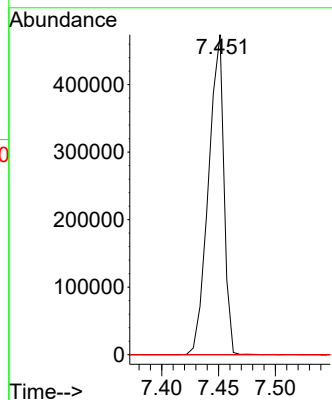
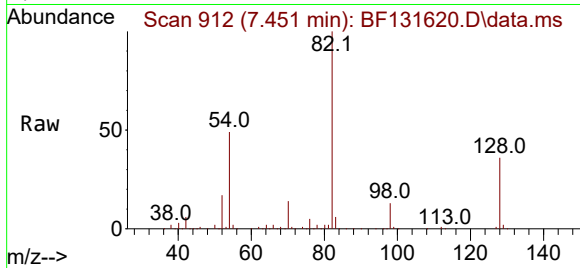




#25
Isophorone
Concen: 54.459 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131620.D
Acq: 13 Dec 2022 19:21

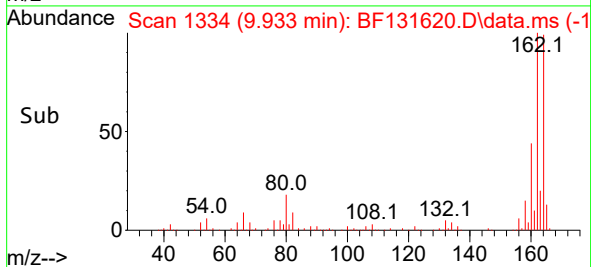
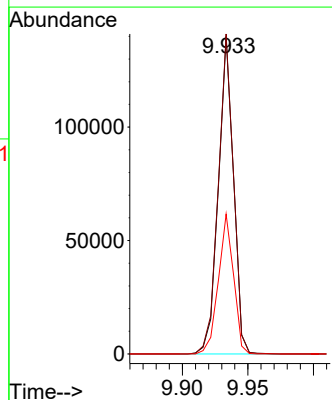
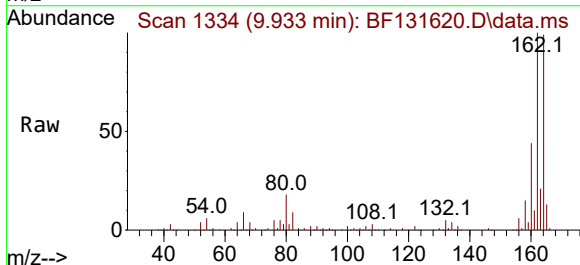
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-04

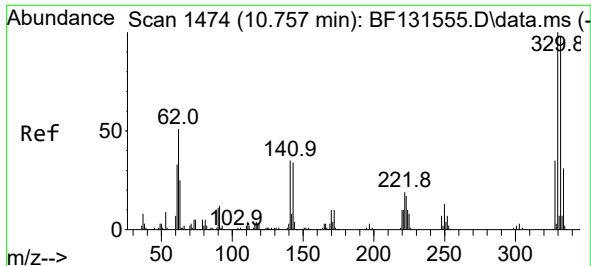
Tgt Ion: 82 Resp: 447664
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131620.D
Acq: 13 Dec 2022 19:21

Tgt Ion:164 Resp: 112030
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.6
160 44.1 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 159.349 ng

RT: 10.733 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BF131620.D

Acq: 13 Dec 2022 19:21

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-04

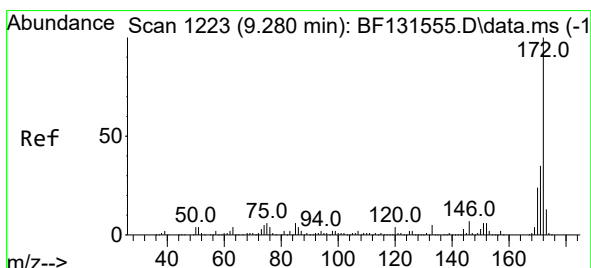
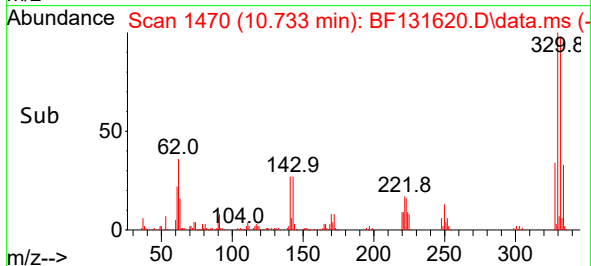
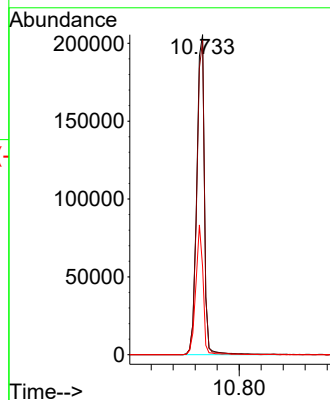
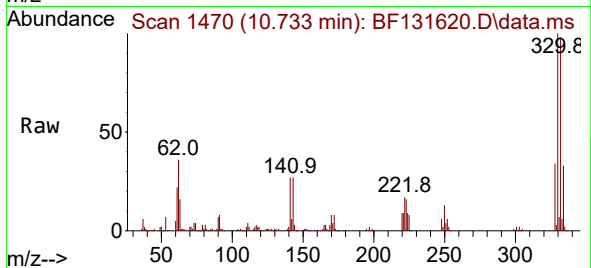
Tgt Ion:330 Resp: 198340

Ion Ratio Lower Upper

330 100

332 97.2 78.3 117.5

141 38.4 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 86.669 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131620.D

Acq: 13 Dec 2022 19:21

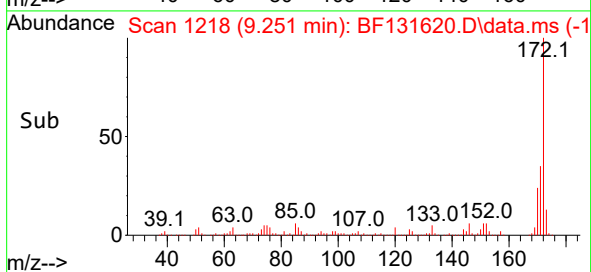
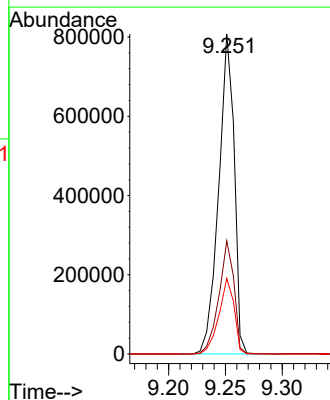
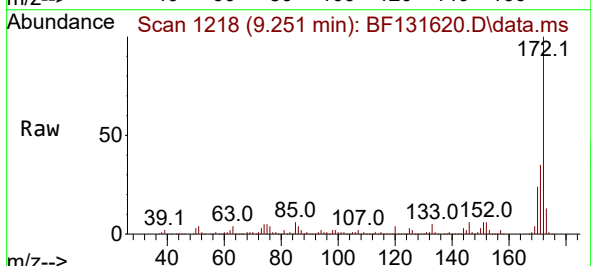
Tgt Ion:172 Resp: 770063

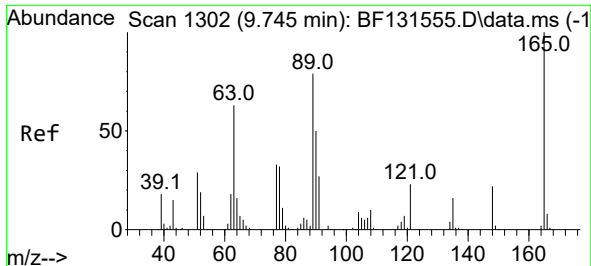
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.6 19.3 28.9

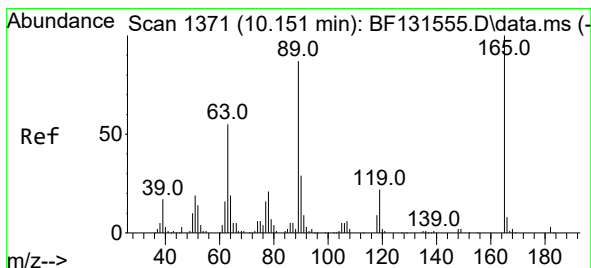
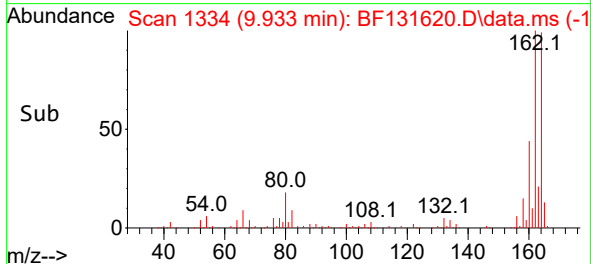
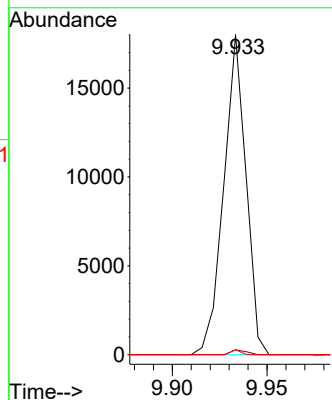
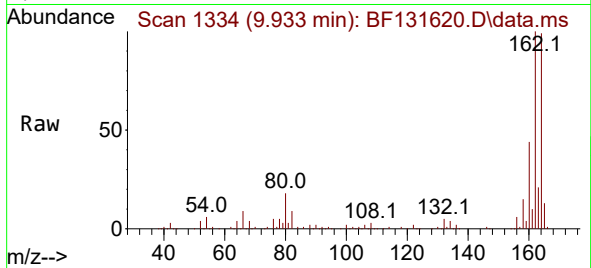




#51
2,6-Dinitrotoluene
Concen: 8.338 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131620.D
Acq: 13 Dec 2022 19:21

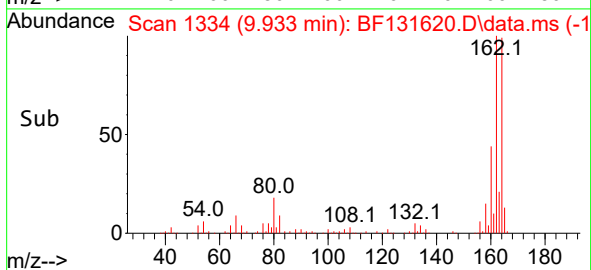
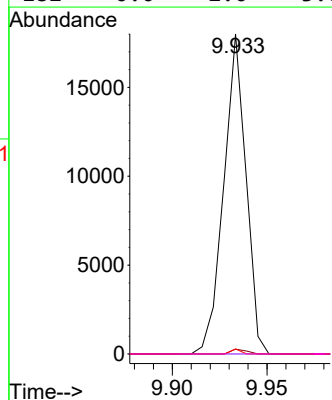
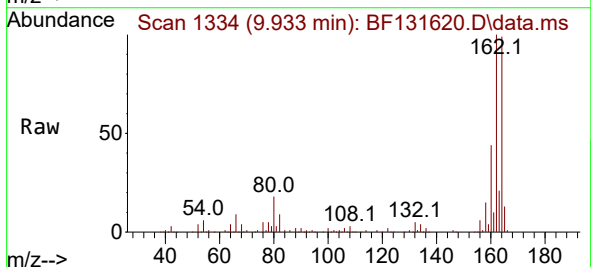
Instrument :
BNA_F
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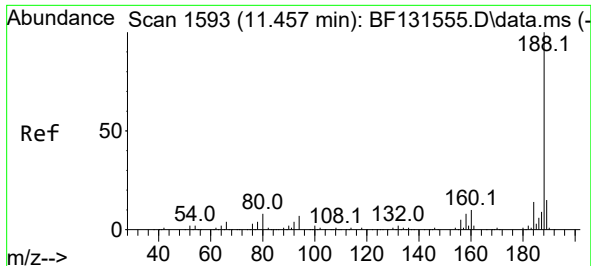
Tgt Ion:165 Resp: 14701
Ion Ratio Lower Upper
165 100
63 1.5 67.9 101.9#
89 1.6 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.286 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131620.D
Acq: 13 Dec 2022 19:21

Tgt Ion:165 Resp: 14701
Ion Ratio Lower Upper
165 100
63 1.5 44.4 66.6#
89 1.6 69.6 104.4#
182 0.0 2.0 3.0#

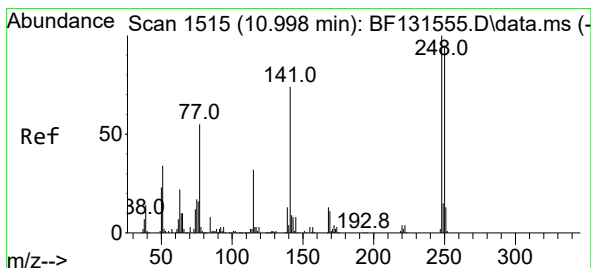
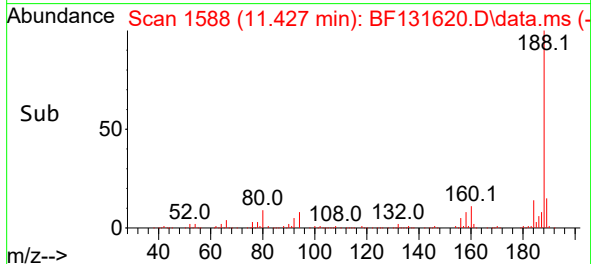
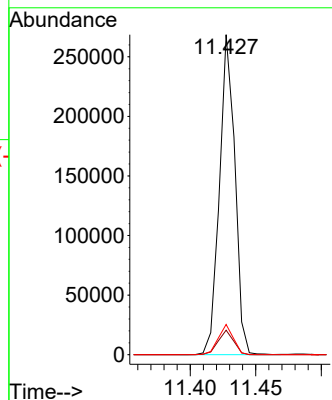
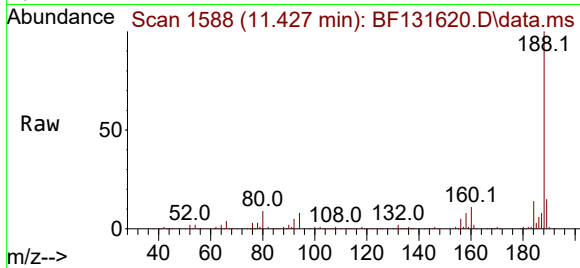




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131620.D
Acq: 13 Dec 2022 19:21

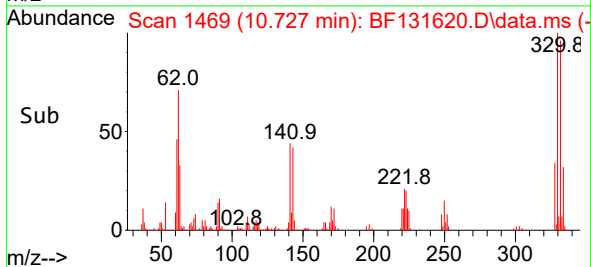
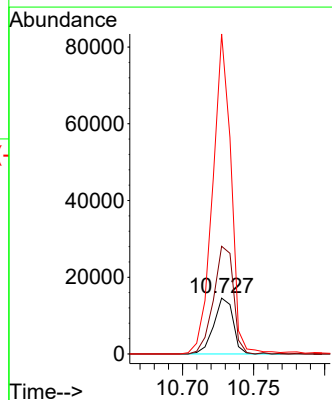
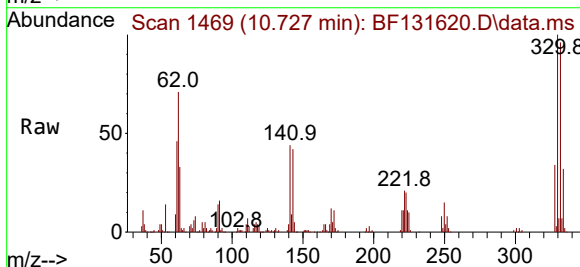
Instrument :
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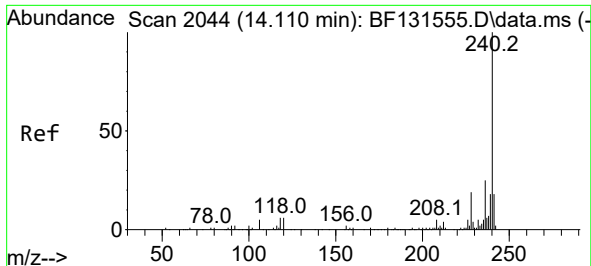
Tgt Ion:188 Resp: 219944
Ion Ratio Lower Upper
188 100
94 7.6 5.5 8.3
80 9.5 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.872 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF131620.D
Acq: 13 Dec 2022 19:21

Tgt Ion:248 Resp: 13785
Ion Ratio Lower Upper
248 100
250 192.9 76.2 114.2#
141 573.5 59.5 89.3#

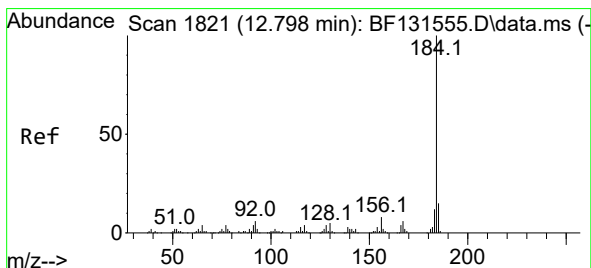
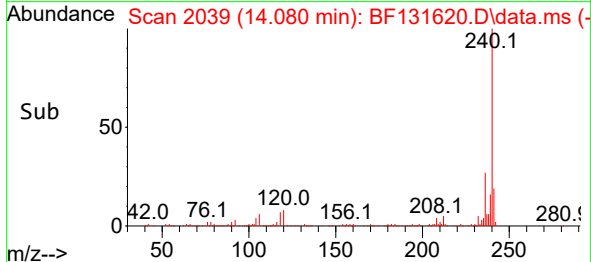
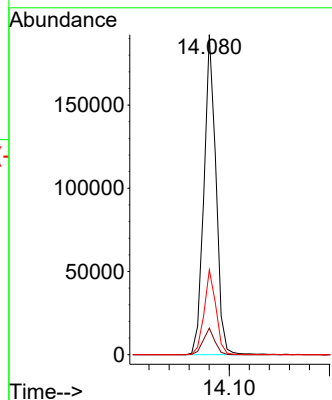
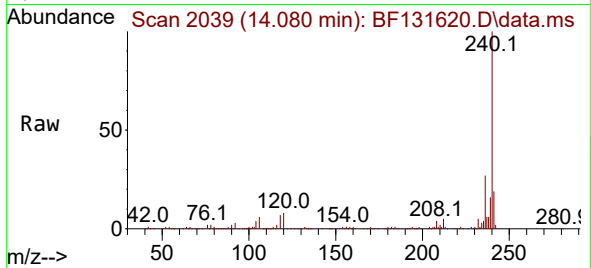




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131620.D
Acq: 13 Dec 2022 19:21

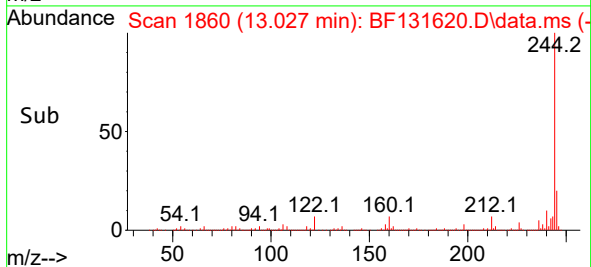
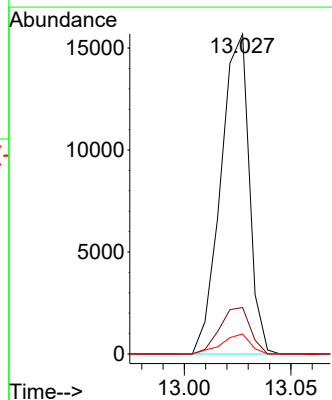
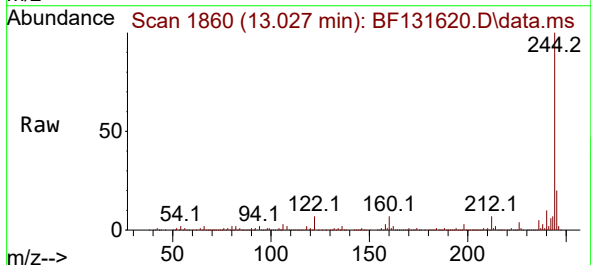
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-04

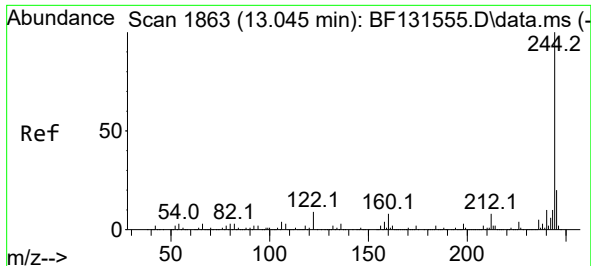
Tgt Ion:240 Resp: 160473
Ion Ratio Lower Upper
240 100
120 8.3 4.6 7.0#
236 26.5 20.2 30.2



#77
Benzidine
Concen: 3.385 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.253 min
Lab File: BF131620.D
Acq: 13 Dec 2022 19:21

Tgt Ion:184 Resp: 14556
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.2
183 6.3 9.3 13.9#

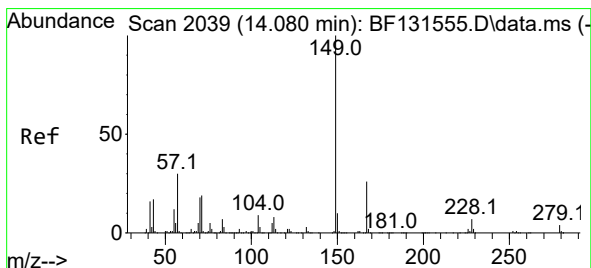
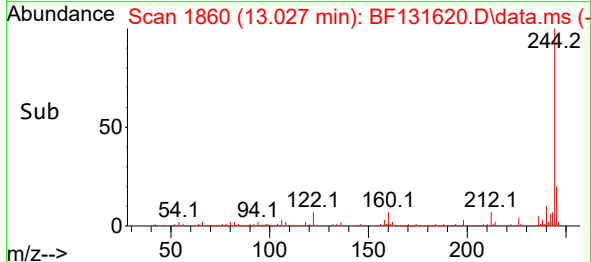
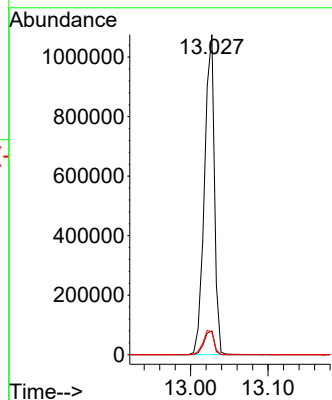
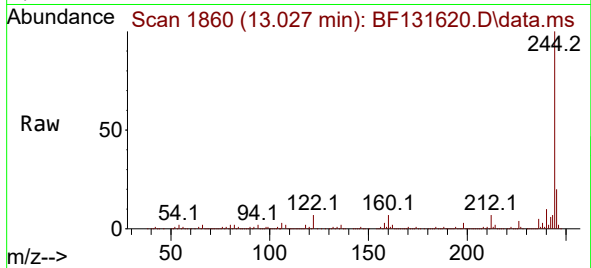




#79
 Terphenyl-d14
 Concen: 81.711 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF131620.D
 Acq: 13 Dec 2022 19:21

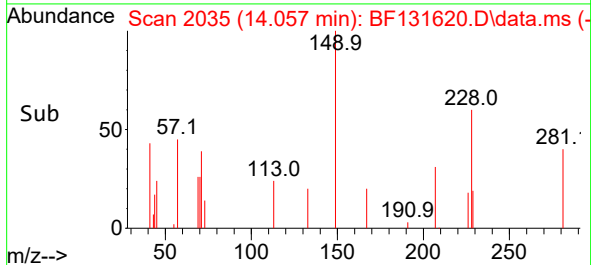
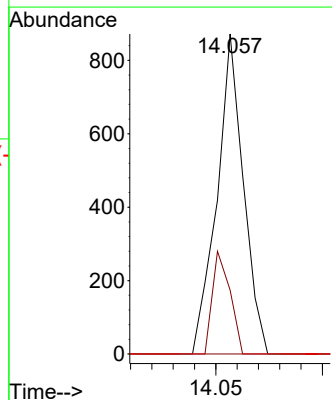
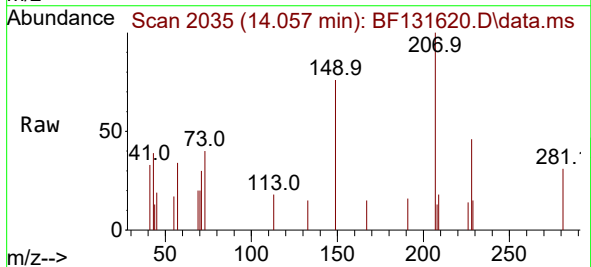
Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-04

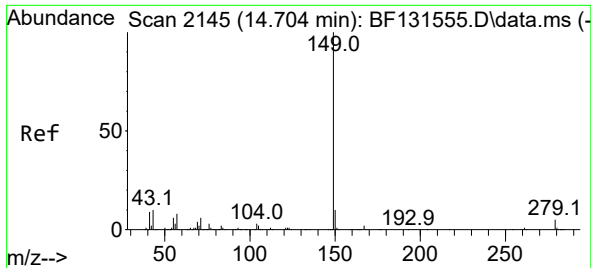
Tgt Ion:244 Resp: 956133
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 7.1 7.1 10.7#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.145 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. -0.006 min
 Lab File: BF131620.D
 Acq: 13 Dec 2022 19:21

Tgt Ion:149 Resp: 751
 Ion Ratio Lower Upper
 149 100
 167 20.0 20.8 31.2#
 279 0.0 3.3 4.9#

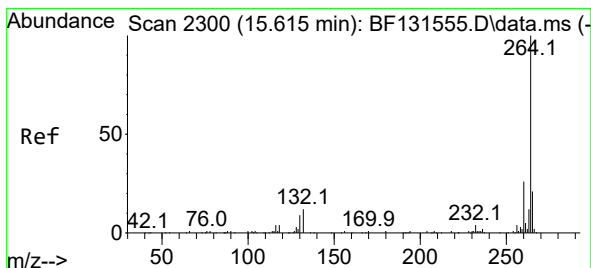
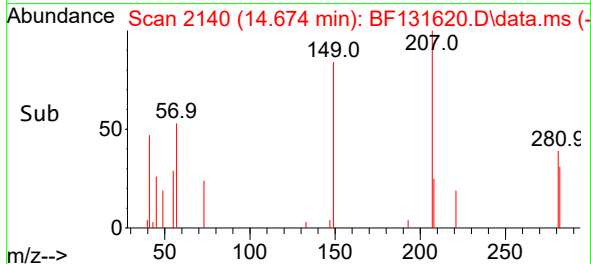
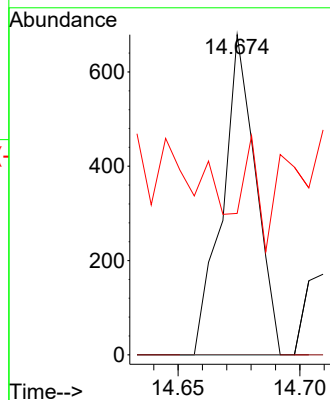
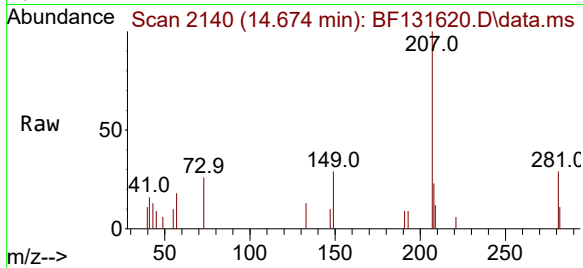




#85
Di-n-octyl phthalate
Concen: 5.275 ng
RT: 14.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BF131620.D
Acq: 13 Dec 2022 19:21

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-04

Tgt Ion:149 Resp: 643
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 13.5 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: BF131620.D
Acq: 13 Dec 2022 19:21

Tgt Ion:264 Resp: 113570
Ion Ratio Lower Upper
264 100
260 24.1 20.6 30.8
265 20.5 16.8 25.2

