

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
 Data File : BF131592.D
 Acq On : 12 Dec 2022 14:54
 Operator : CG\JU
 Sample : N5964-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Dec 13 04:14:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 04:12:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

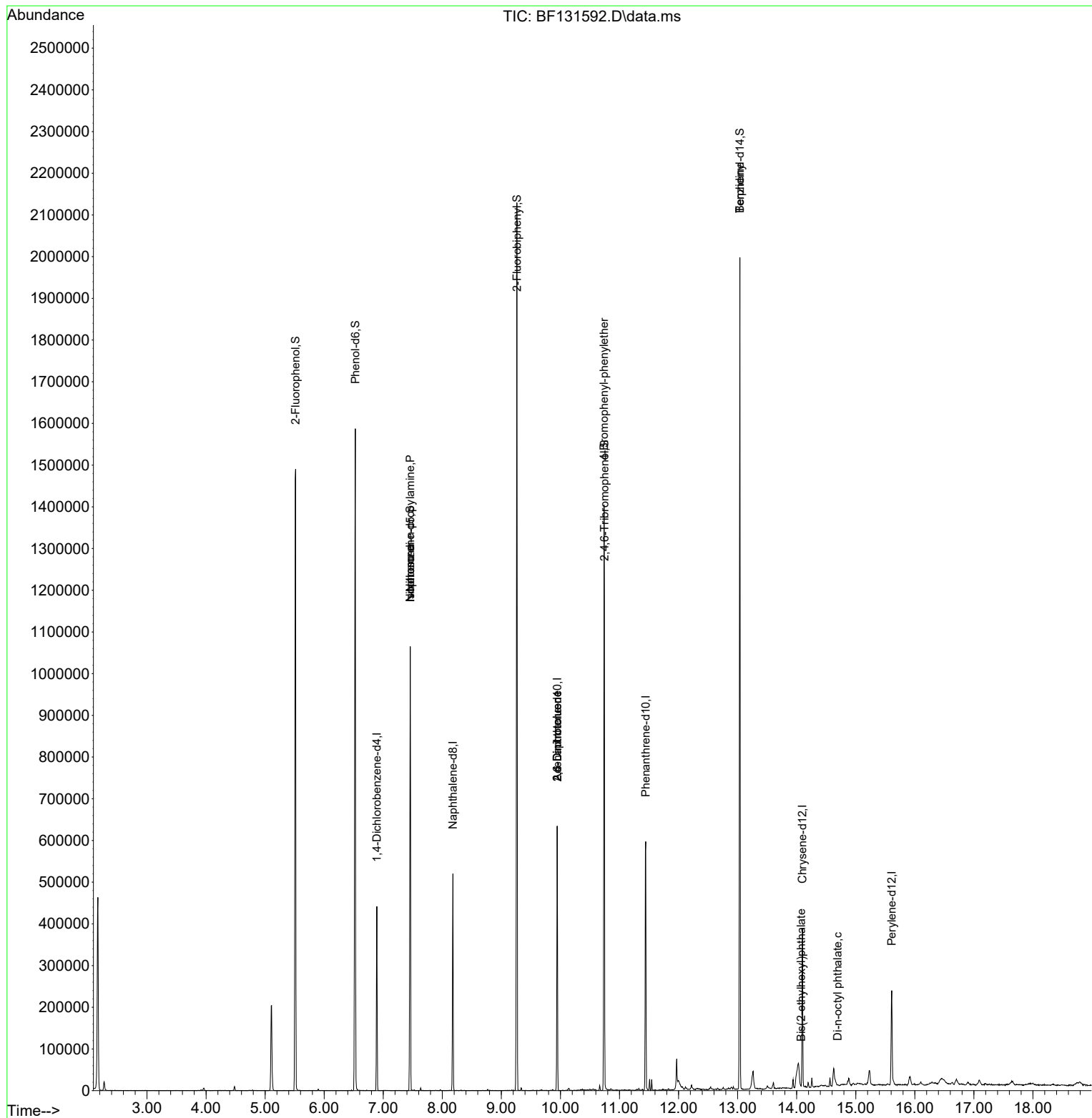
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	53482	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	195508	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	115659	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	221718	20.000	ng	0.00
76) Chrysene-d12	14.098	240	121806	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	111998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	390538	121.822	ng	0.00
7) Phenol-d6	6.528	99	510414	121.499	ng	0.00
23) Nitrobenzene-d5	7.457	82	354574	68.567	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	149541	116.374	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	611185	66.629	ng	0.00
79) Terphenyl-d14	13.039	244	622690	70.108	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	50204	15.937	ng	# 75
25) Isophorone	7.457	82	354567	42.567	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	14557	7.997	ng	# 10
57) 2,4-Dinitrotoluene	9.945	165	14557	6.029	ng	# 16
67) 4-Bromophenyl-phenylether	10.739	248	10142	3.556	ng	# 1
77) Benzidine	13.039	184	9744	2.986	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.074	149	274	3.086	ng	# 54
85) Di-n-octyl phthalate	14.692	149	506	5.277	ng	# 74

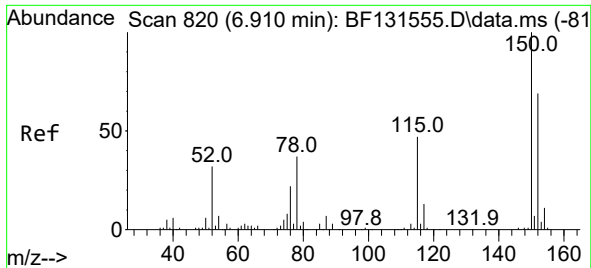
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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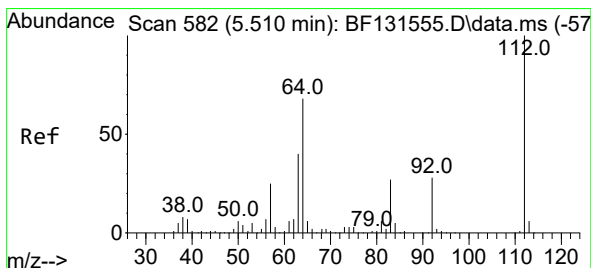
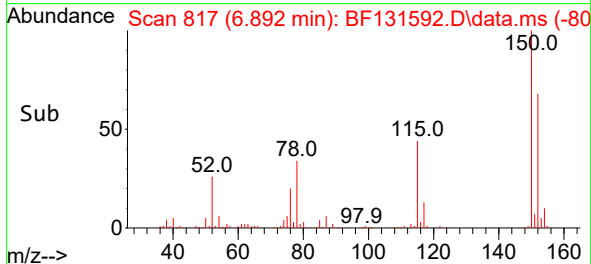
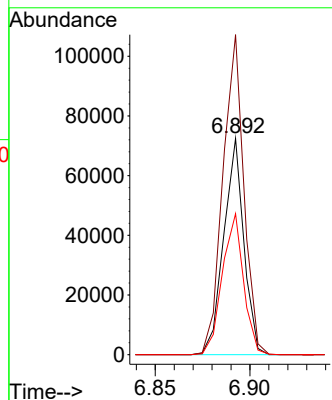
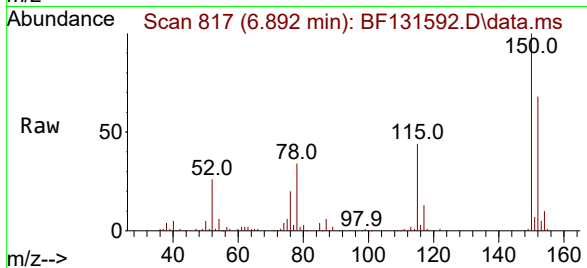




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131592.D
 Acq: 12 Dec 2022 14:54

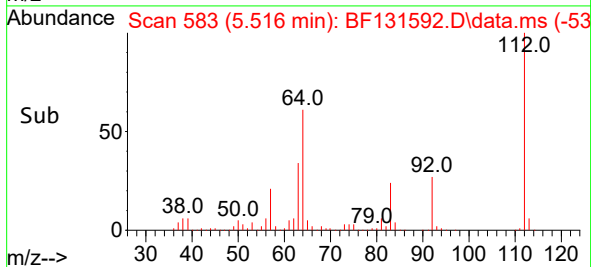
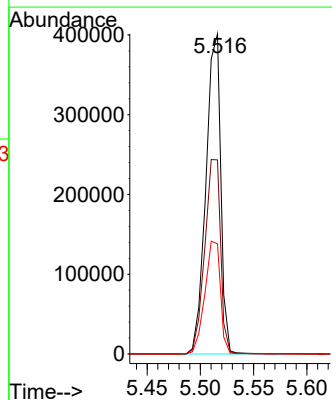
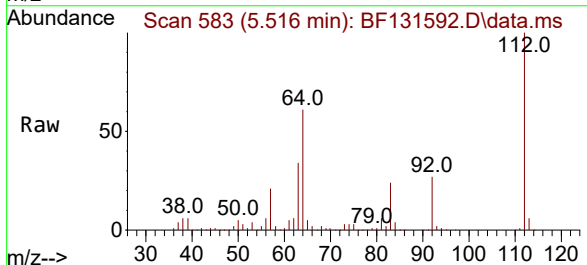
Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-05

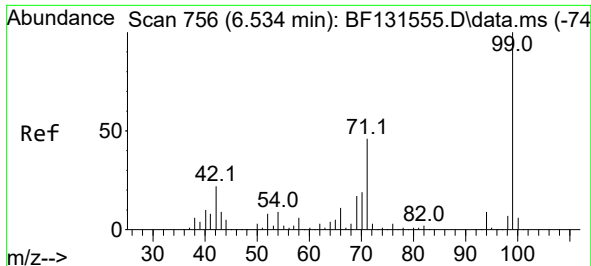
Tgt Ion:152 Resp: 53482
 Ion Ratio Lower Upper
 152 100
 150 147.9 116.7 175.1
 115 65.2 54.6 82.0



#5
 2-Fluorophenol
 Concen: 121.822 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.006 min
 Lab File: BF131592.D
 Acq: 12 Dec 2022 14:54

Tgt Ion:112 Resp: 390538
 Ion Ratio Lower Upper
 112 100
 64 60.7 54.5 81.7
 63 34.4 31.9 47.9

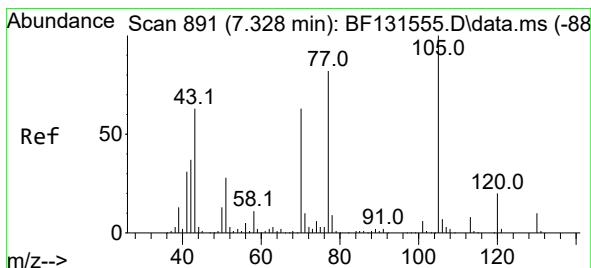
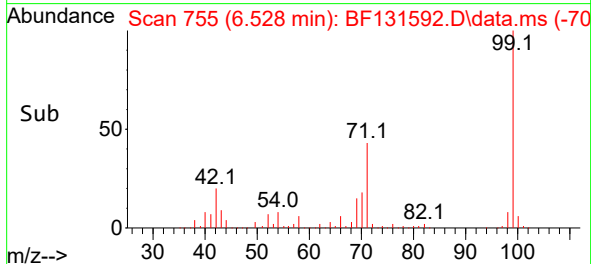
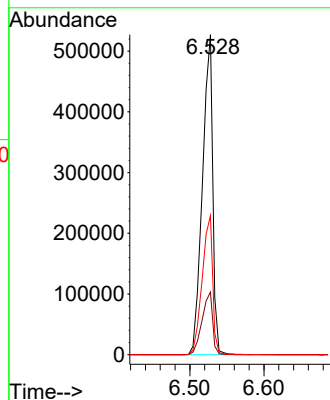
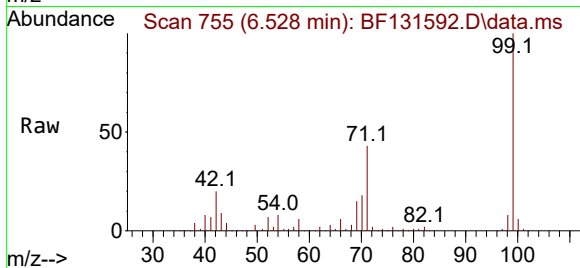




#7
Phenol-d6
Concen: 121.499 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131592.D
Acq: 12 Dec 2022 14:54

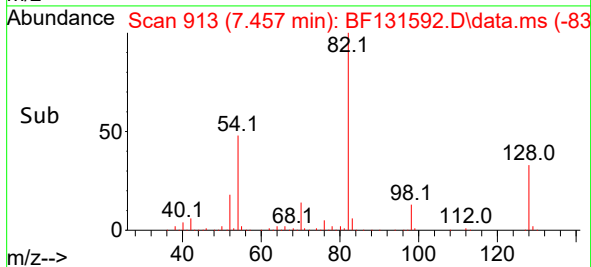
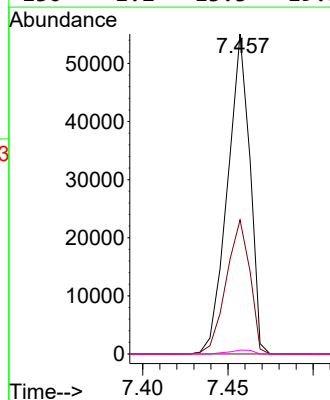
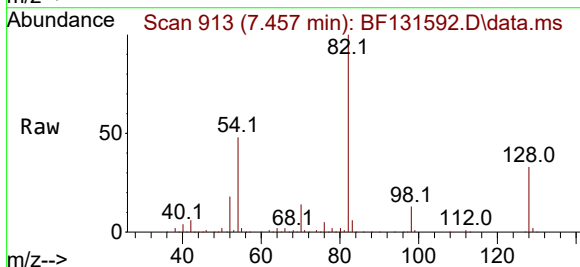
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05

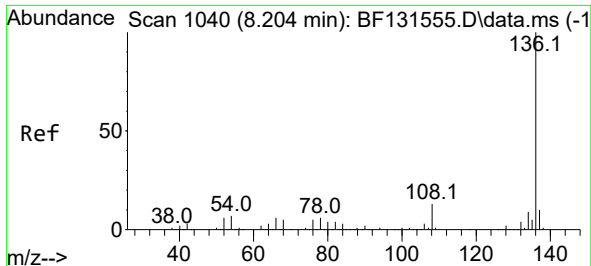
Tgt Ion: 99 Resp: 510414
Ion Ratio Lower Upper
99 100
42 19.6 17.9 26.9
71 43.5 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.937 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF131592.D
Acq: 12 Dec 2022 14:54

Tgt Ion: 70 Resp: 50204
Ion Ratio Lower Upper
70 100
42 41.9 46.4 69.6#
101 0.0 7.2 10.8#
130 1.2 13.3 19.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131592.D

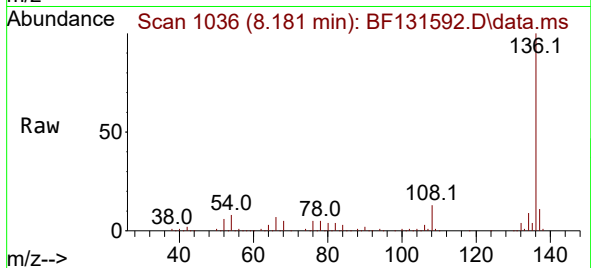
Acq: 12 Dec 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05



Tgt Ion:136 Resp: 195508

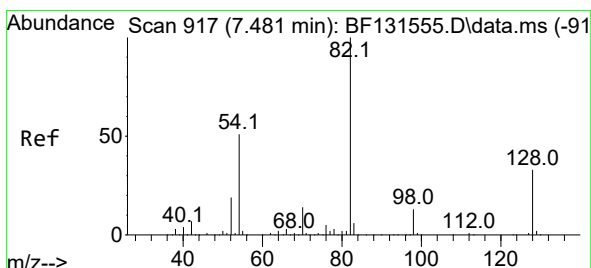
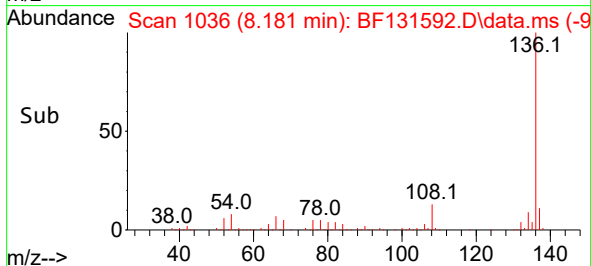
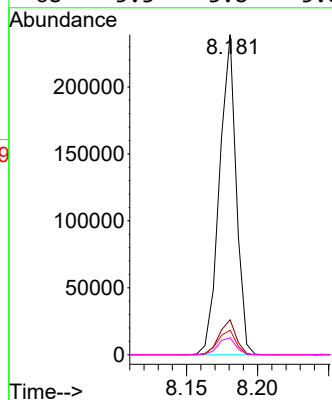
Ion Ratio Lower Upper

136 100

137 10.9 8.1 12.1

54 7.6 6.0 9.0

68 5.3 3.8 5.8



#23

Nitrobenzene-d5

Concen: 68.567 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF131592.D

Acq: 12 Dec 2022 14:54

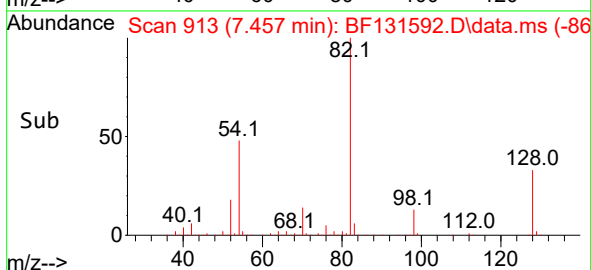
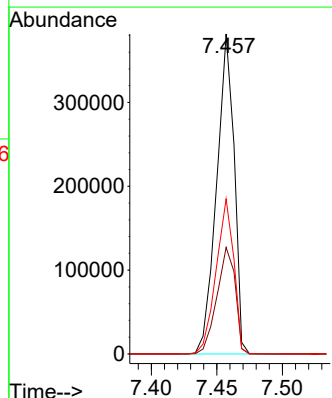
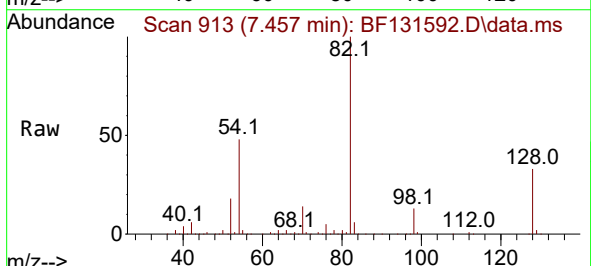
Tgt Ion: 82 Resp: 354574

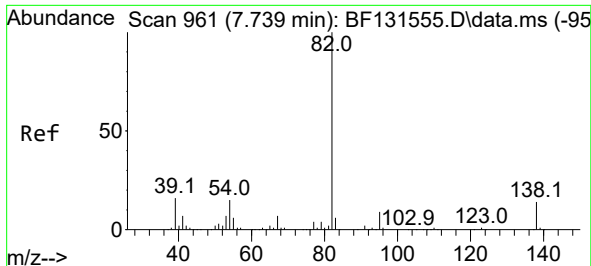
Ion Ratio Lower Upper

82 100

128 33.3 26.1 39.1

54 48.4 40.6 60.8

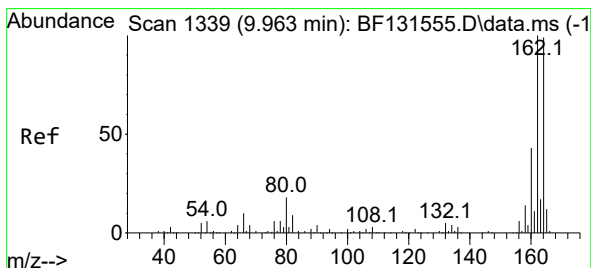
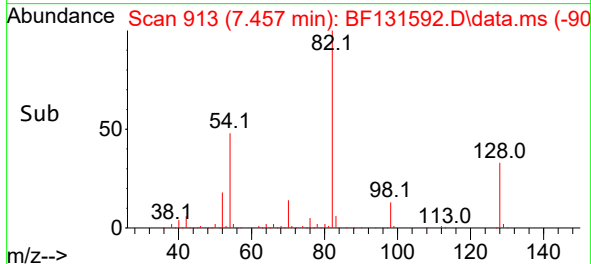
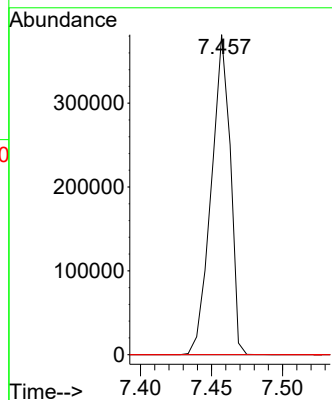
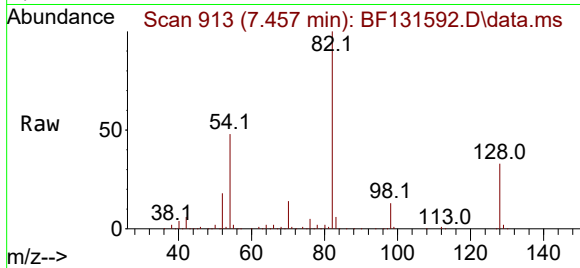




#25
Isophorone
Concen: 42.567 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131592.D
Acq: 12 Dec 2022 14:54

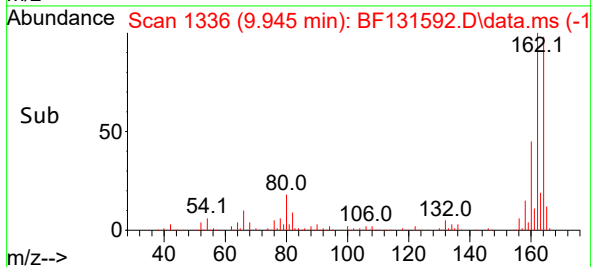
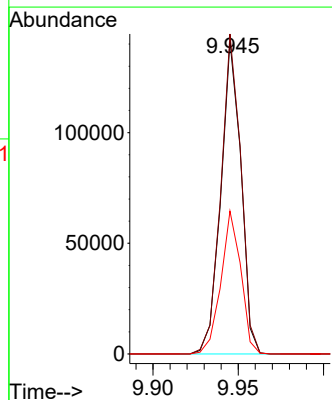
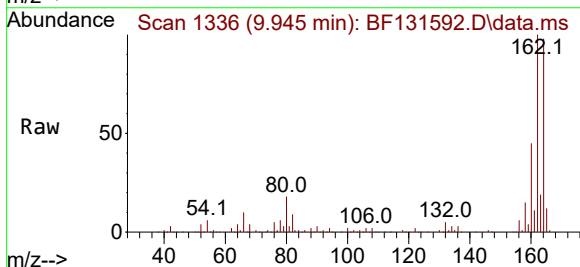
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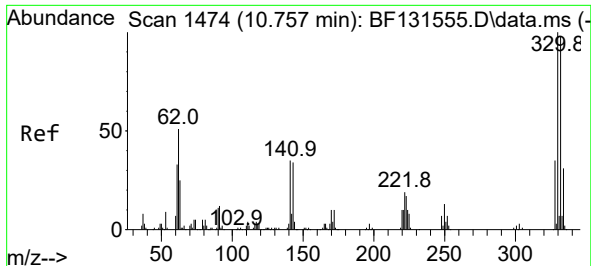
Tgt Ion: 82 Resp: 354567
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131592.D
Acq: 12 Dec 2022 14:54

Tgt Ion:164 Resp: 115659
Ion Ratio Lower Upper
164 100
162 102.2 81.0 121.6
160 45.6 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 116.374 ng

RT: 10.745 min Scan# 1474

Delta R.T. -0.006 min

Lab File: BF131592.D

Acq: 12 Dec 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05

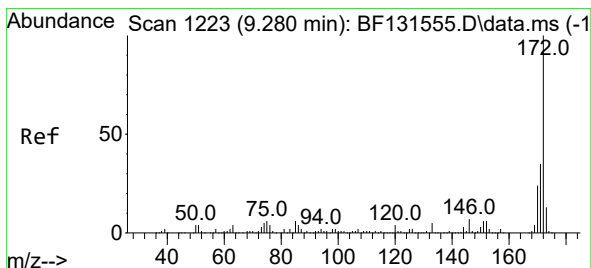
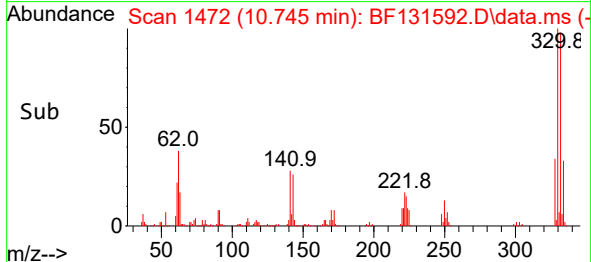
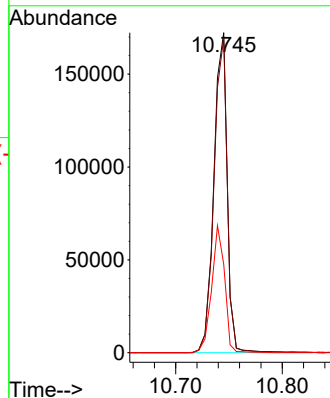
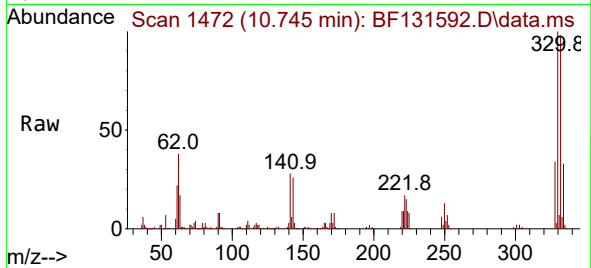
Tgt Ion:330 Resp: 149541

Ion Ratio Lower Upper

330 100

332 97.6 78.3 117.5

141 38.6 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 66.629 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131592.D

Acq: 12 Dec 2022 14:54

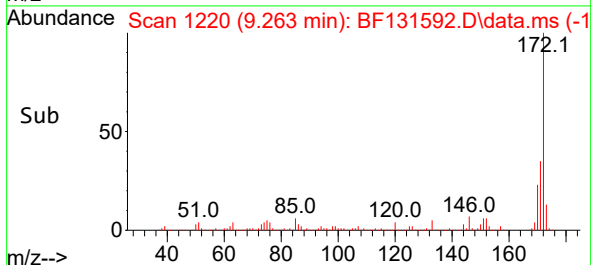
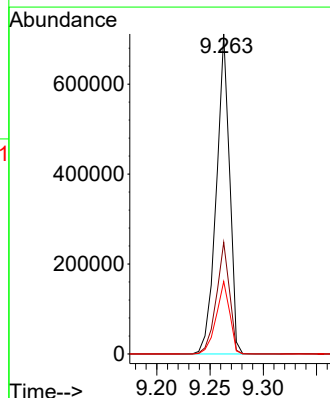
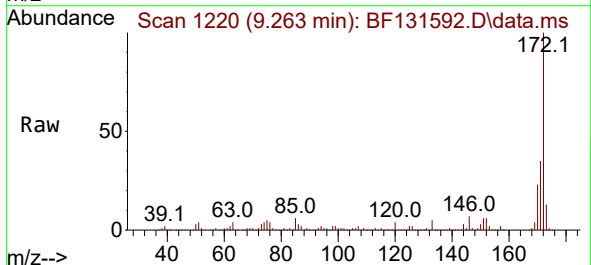
Tgt Ion:172 Resp: 611185

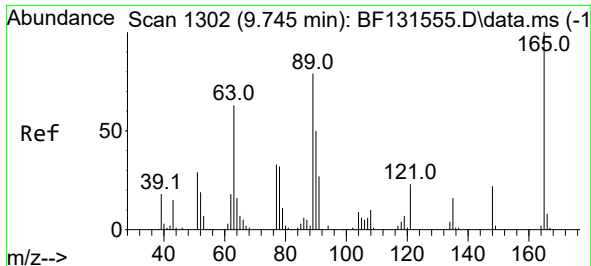
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 22.7 19.3 28.9

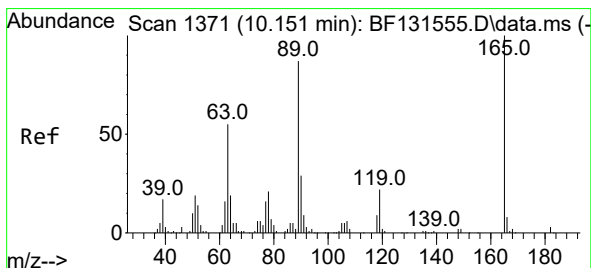
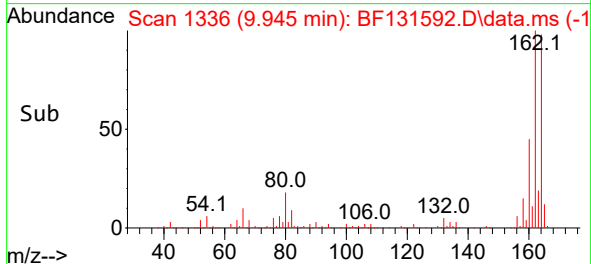
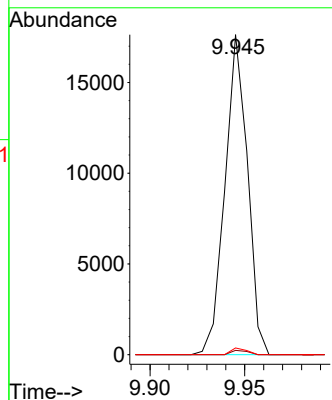
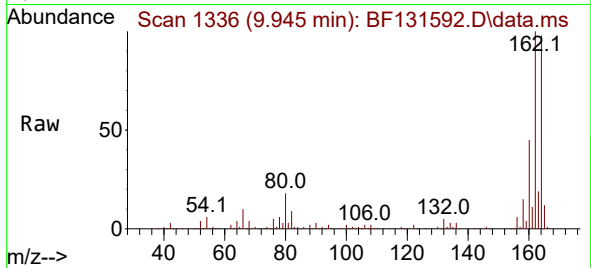




#51
2,6-Dinitrotoluene
Concen: 7.997 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131592.D
Acq: 12 Dec 2022 14:54

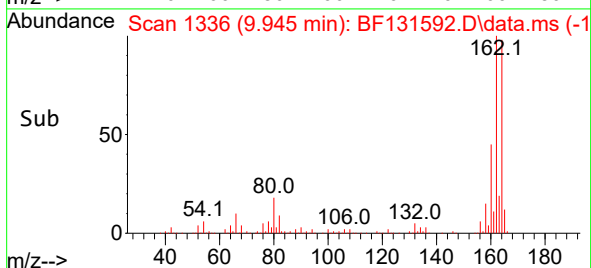
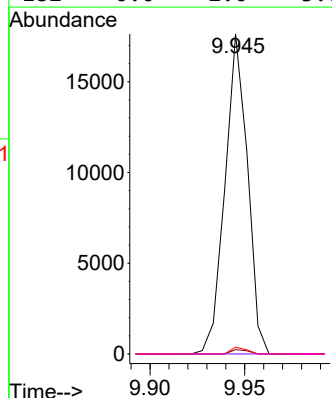
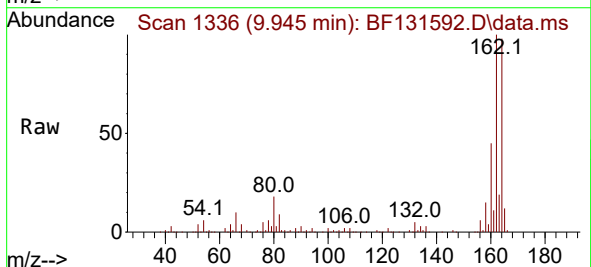
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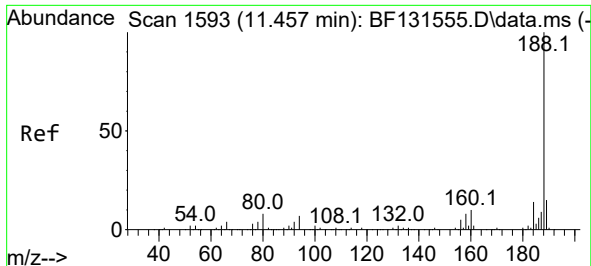
Tgt Ion:165 Resp: 14557
Ion Ratio Lower Upper
165 100
63 1.3 67.9 101.9#
89 2.1 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.029 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.200 min
Lab File: BF131592.D
Acq: 12 Dec 2022 14:54

Tgt Ion:165 Resp: 14557
Ion Ratio Lower Upper
165 100
63 1.3 44.4 66.6#
89 2.1 69.6 104.4#
182 0.0 2.0 3.0#

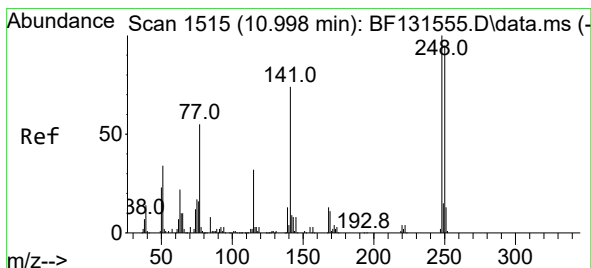
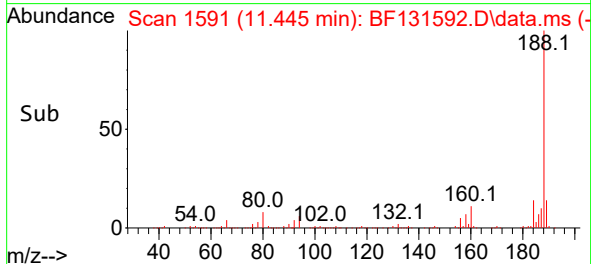
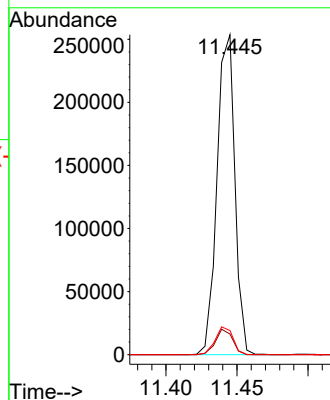
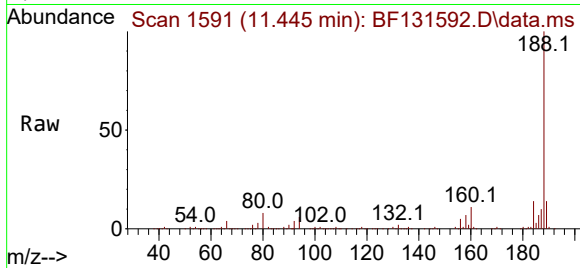




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131592.D
Acq: 12 Dec 2022 14:54

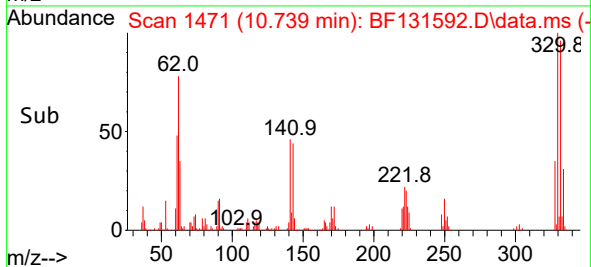
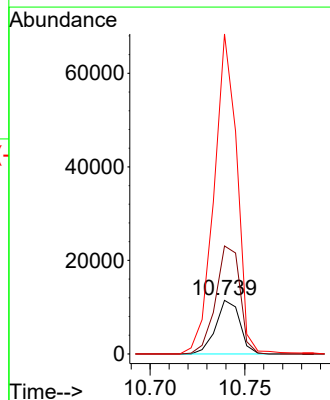
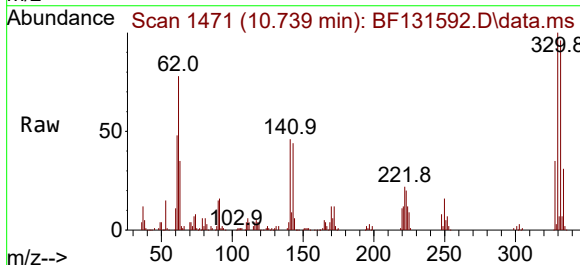
Instrument :
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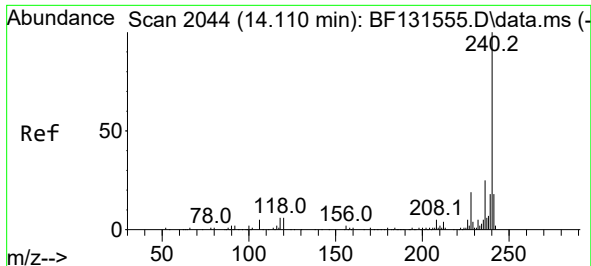
Tgt Ion:188 Resp: 221718
Ion Ratio Lower Upper
188 100
94 6.5 5.5 8.3
80 7.5 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.556 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.253 min
Lab File: BF131592.D
Acq: 12 Dec 2022 14:54

Tgt Ion:248 Resp: 10142
Ion Ratio Lower Upper
248 100
250 201.5 76.2 114.2#
141 596.6 59.5 89.3#

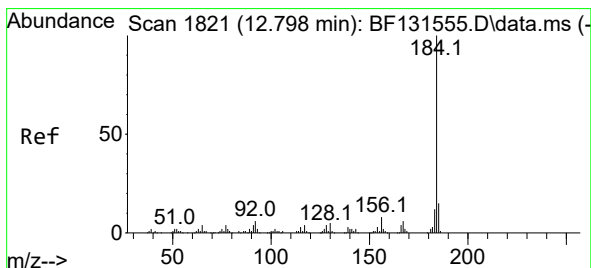
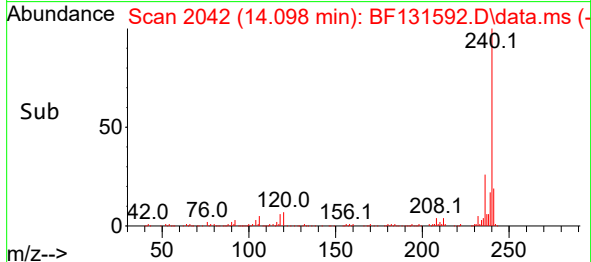
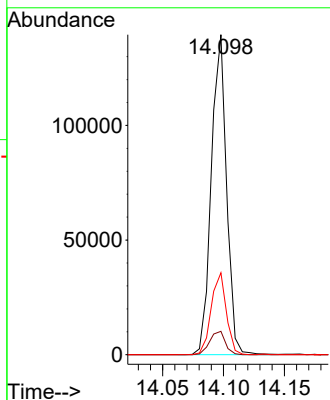
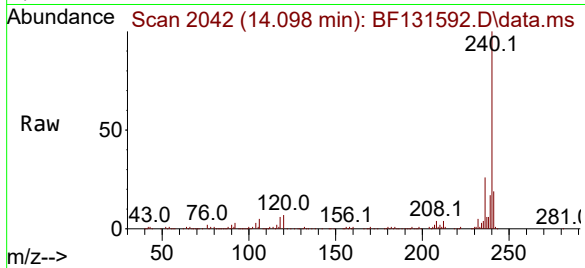




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131592.D
Acq: 12 Dec 2022 14:54

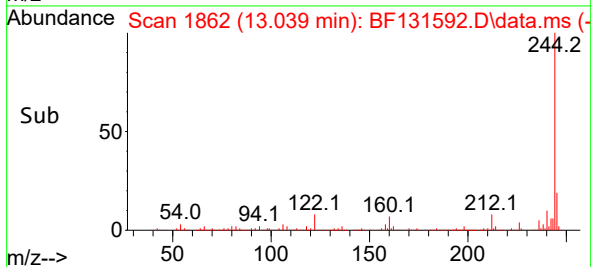
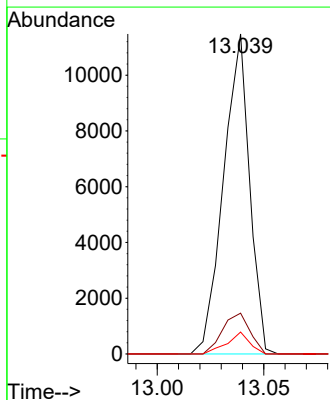
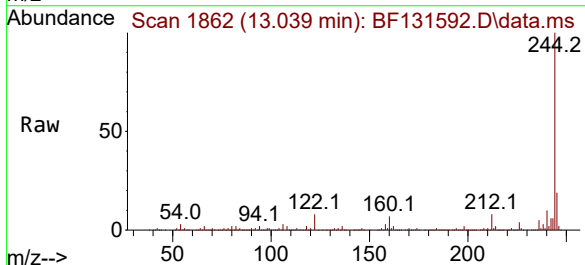
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05

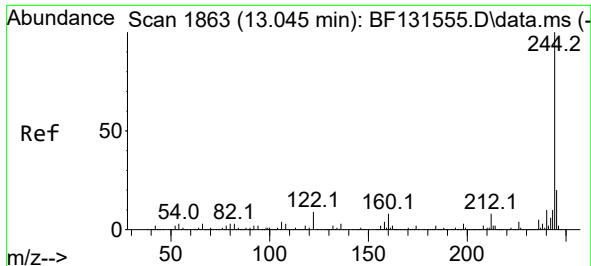
Tgt Ion:240 Resp: 121806
Ion Ratio Lower Upper
240 100
120 7.3 4.6 7.0#
236 25.6 20.2 30.2



#77
Benzidine
Concen: 2.986 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.247 min
Lab File: BF131592.D
Acq: 12 Dec 2022 14:54

Tgt Ion:184 Resp: 9744
Ion Ratio Lower Upper
184 100
185 12.8 12.2 18.2
183 6.8 9.3 13.9#

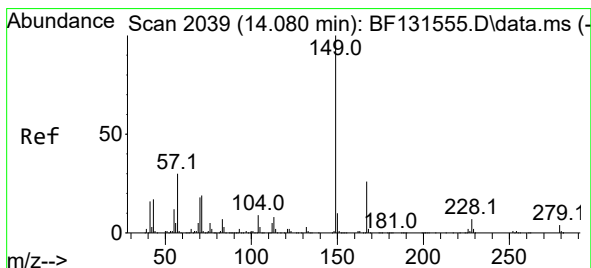
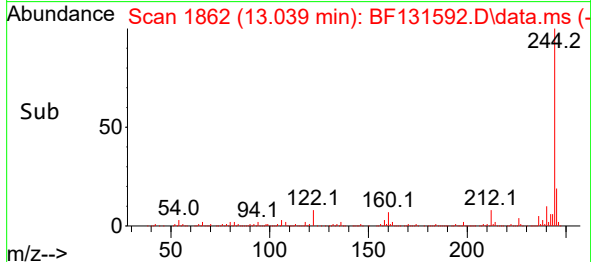
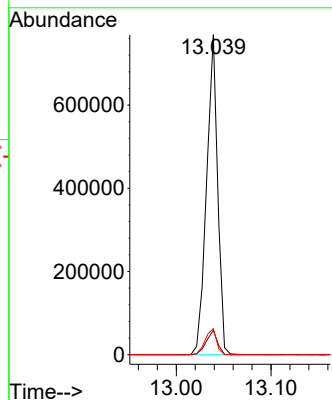
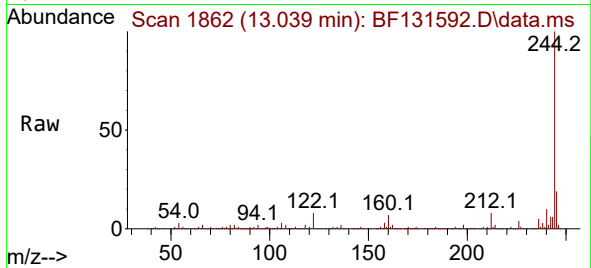




#79
 Terphenyl-d14
 Concen: 70.108 ng
 RT: 13.039 min Scan# 1862
 Delta R.T. -0.006 min
 Lab File: BF131592.D
 Acq: 12 Dec 2022 14:54

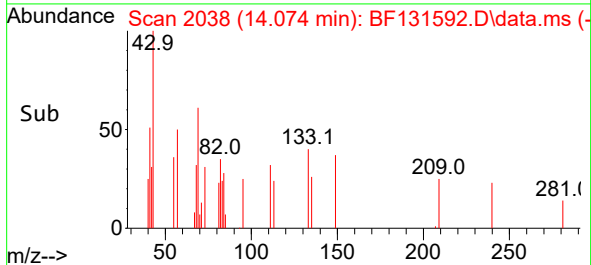
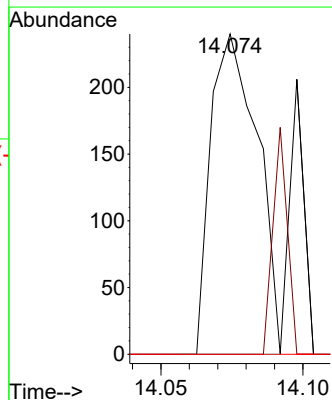
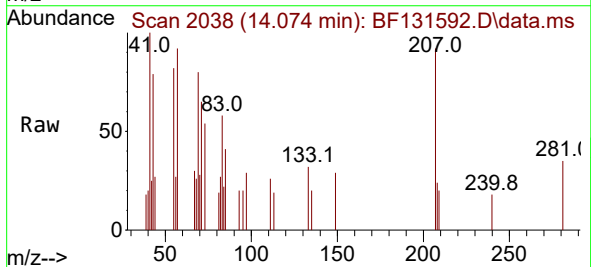
Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-05

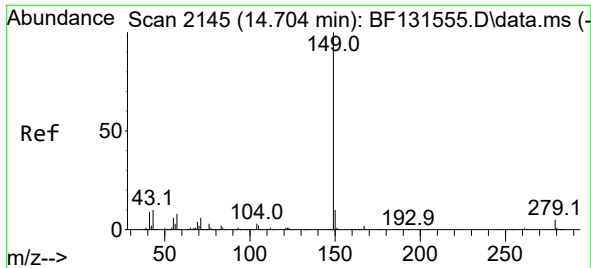
Tgt Ion:244 Resp: 622690
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 8.2 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.086 ng
 RT: 14.074 min Scan# 2038
 Delta R.T. -0.006 min
 Lab File: BF131592.D
 Acq: 12 Dec 2022 14:54

Tgt Ion:149 Resp: 274
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.8 31.2#
 279 0.0 3.3 4.9#

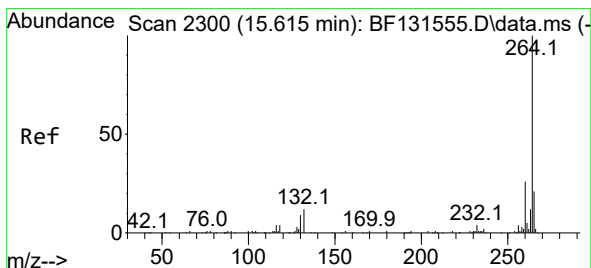
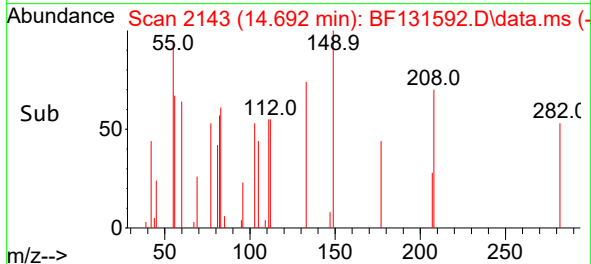
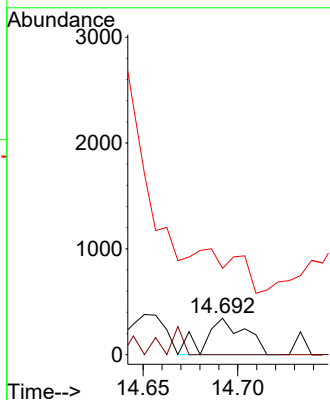
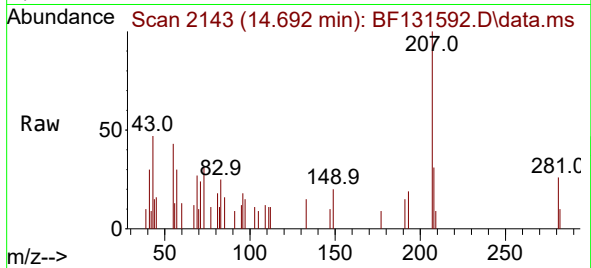




#85
Di-n-octyl phthalate
Concen: 5.277 ng
RT: 14.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BF131592.D
Acq: 12 Dec 2022 14:54

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

Tgt Ion:149 Resp: 506
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: 15.610 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BF131592.D
Acq: 12 Dec 2022 14:54

Tgt Ion:264 Resp: 111998
Ion Ratio Lower Upper
264 100
260 22.8 20.6 30.8
265 20.9 16.8 25.2

