

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130496.D
 Acq On : 03 Oct 2022 13:55
 Operator : CG\JU
 Sample : N4888-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-3

Quant Time: Oct 04 03:14:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

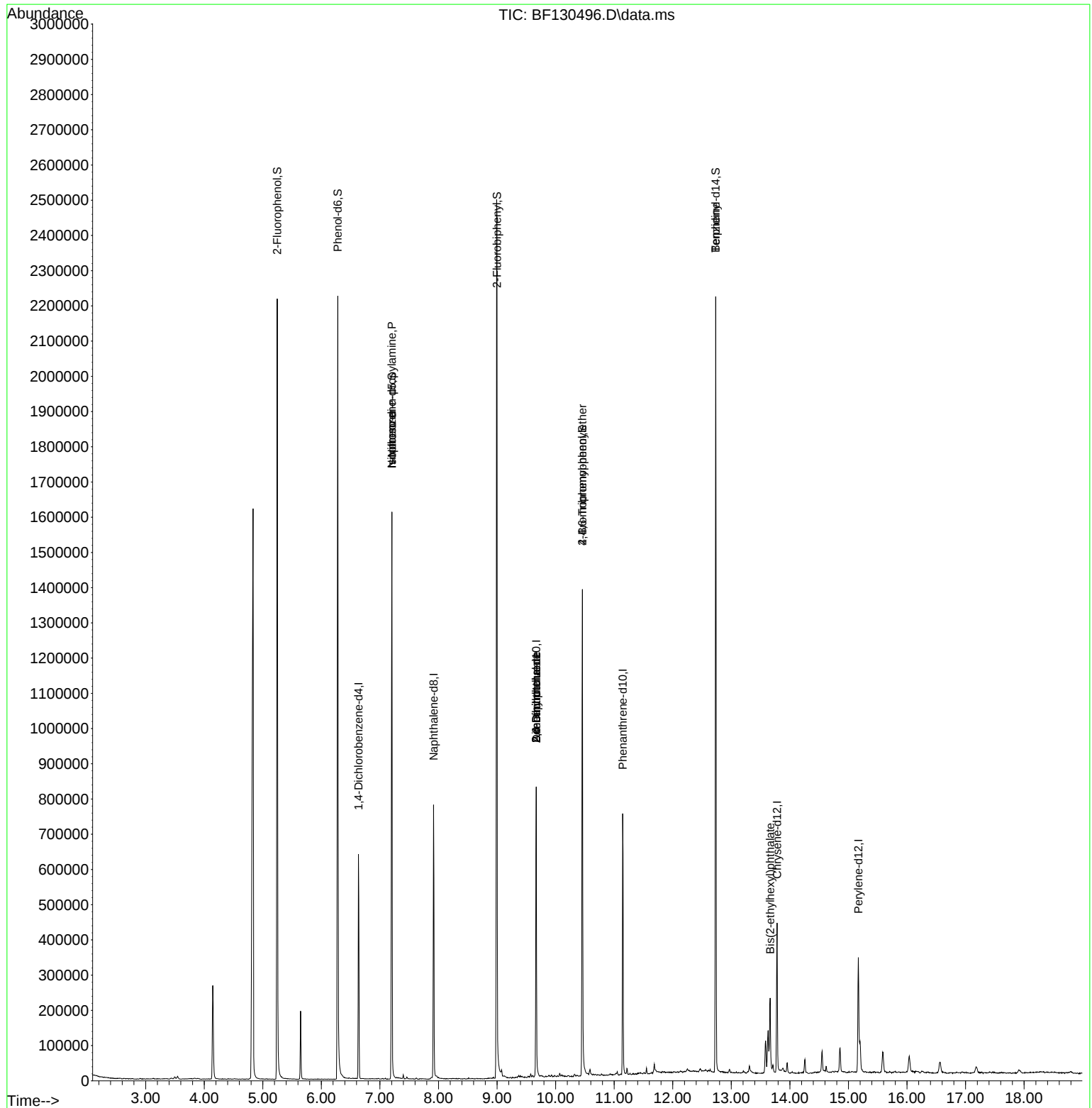
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	82017	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	326026	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	166235	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	259250	20.000	ng	#-0.01
76) Chrysene-d12	13.780	240	141634	20.000	ng	-0.01
86) Perylene-d12	15.169	264	153802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	544835	115.220	ng	0.00
7) Phenol-d6	6.281	99	694705	117.415	ng	-0.01
23) Nitrobenzene-d5	7.204	82	491024	76.944	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	148247	93.070	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	836330	73.261	ng	-0.01
79) Terphenyl-d14	12.733	244	676742	79.149	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	68205	17.084	ng	# 77
25) Isophorone	7.204	82	491016	47.738	ng	# 66
50) Dimethylphthalate	9.669	163	29562	2.574	ng	# 1
51) 2,6-Dinitrotoluene	9.669	165	21255	8.851	ng	# 16
57) 2,4-Dinitrotoluene	9.669	165	21255	6.925	ng	# 16
67) 4-Bromophenyl-phenylether	10.457	248	9152	3.200	ng	# 1
77) Benzidine	12.733	184	11268	2.741	ng	# 94
84) Bis(2-ethylhexyl)phtha...	13.663	149	69773	13.271	ng	# 54

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

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ALS Vial : 5 Sample Multiplier: 1

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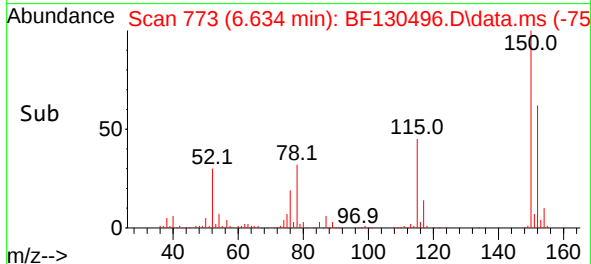
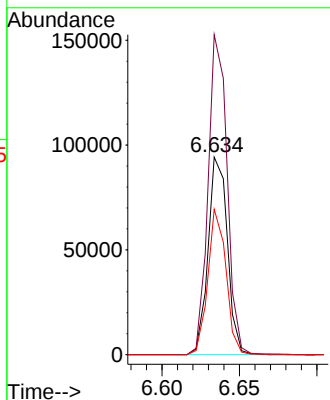
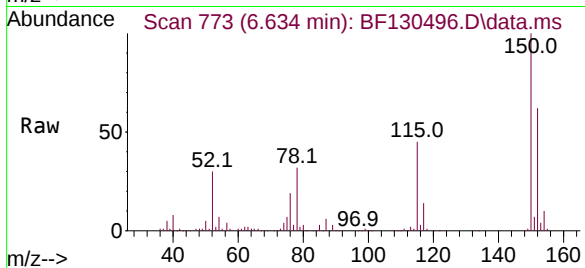




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

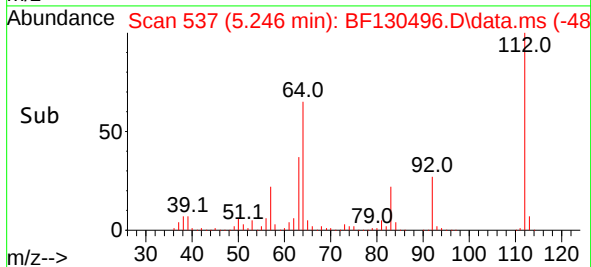
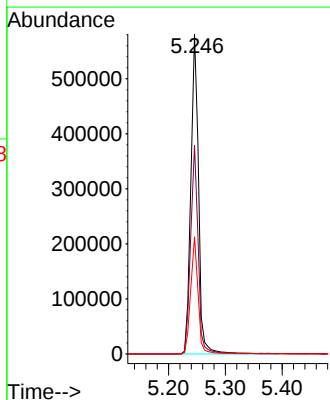
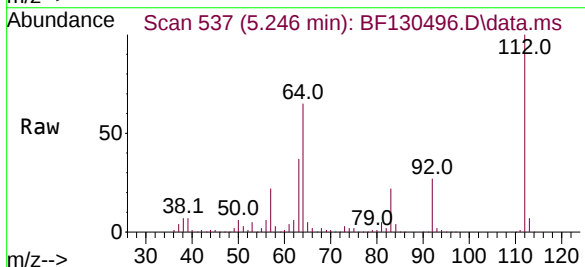
Instrument :
BNA_F
ClientSampleId :
T-3

Tgt Ion:152 Resp: 82017
Ion Ratio Lower Upper
152 100
150 162.0 122.8 184.2
115 73.6 53.8 80.8



#5
2-Fluorophenol
Concen: 115.220 ng
RT: 5.246 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

Tgt Ion:112 Resp: 544835
Ion Ratio Lower Upper
112 100
64 65.1 51.4 77.0
63 36.6 28.8 43.2

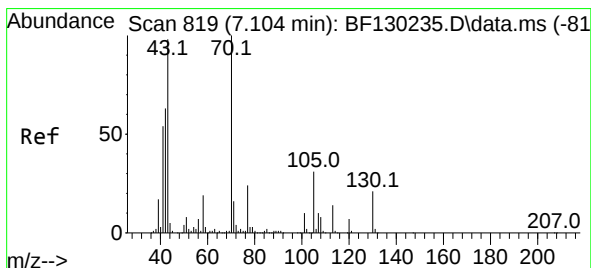
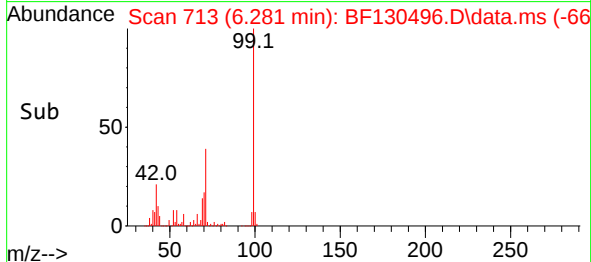
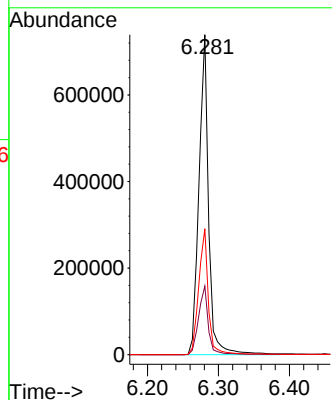
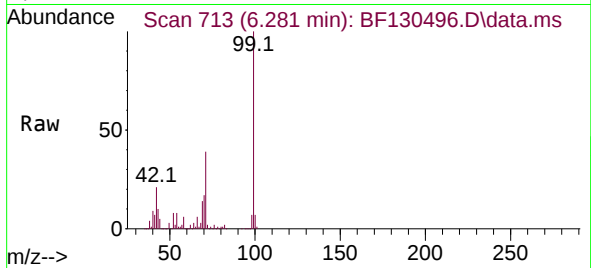




#7
Phenol-d6
Concen: 117.415 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

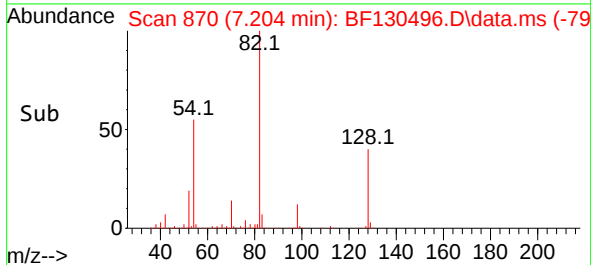
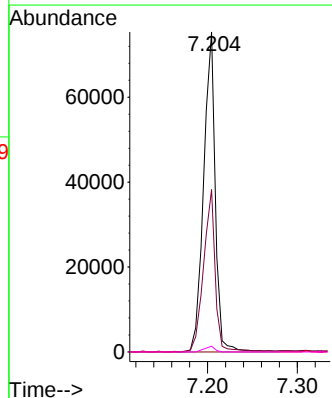
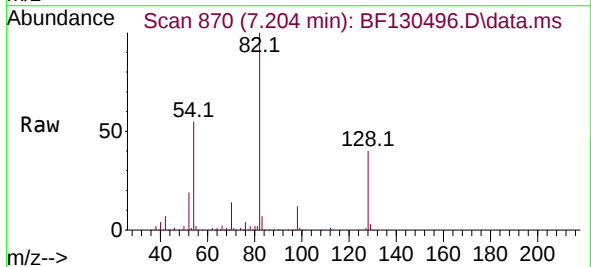
Instrument :
BNA_F
ClientSampleId :
T-3

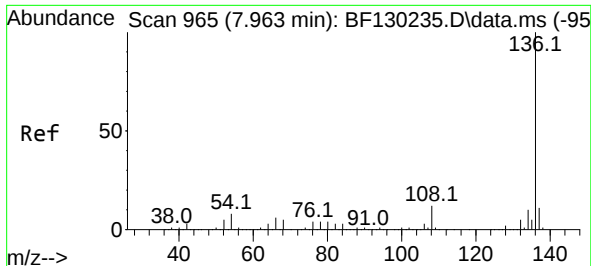
Tgt Ion: 99 Resp: 694705
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 39.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.084 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

Tgt Ion: 70 Resp: 68205
Ion Ratio Lower Upper
70 100
42 50.7 50.8 76.2#
101 0.0 8.2 12.4#
130 1.8 16.6 25.0#



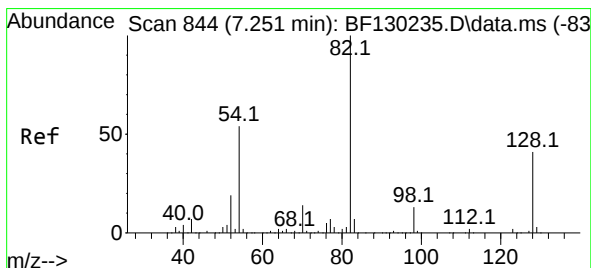
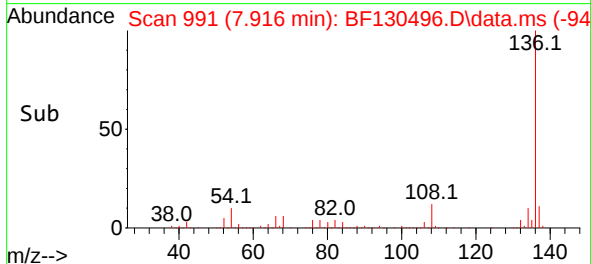
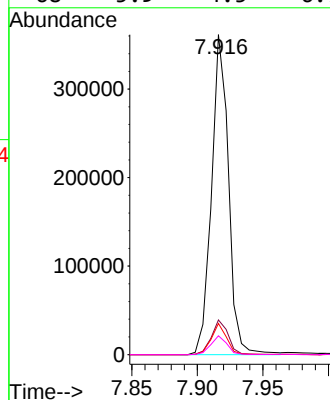
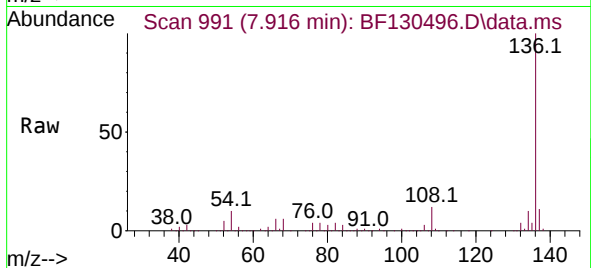


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

Instrument :
BNA_F
ClientSampleId :
T-3

Tgt Ion:136 Resp: 326026

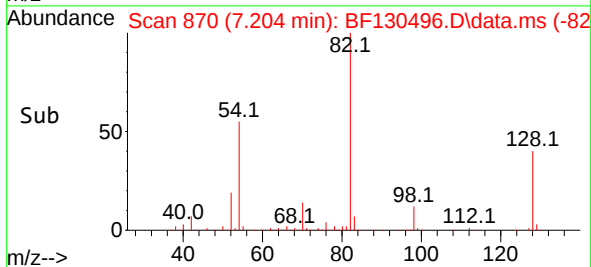
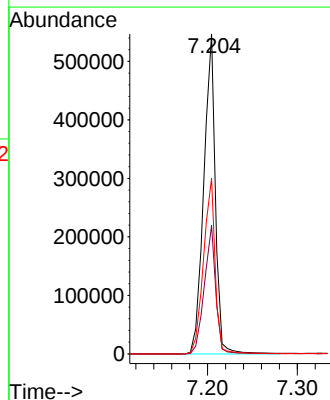
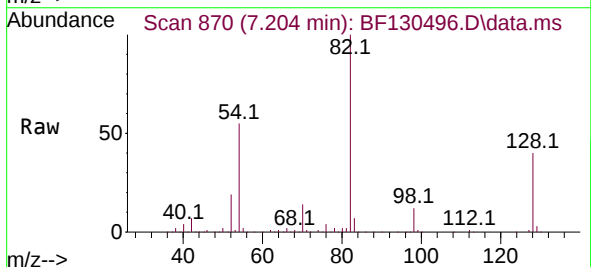
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.7	7.1	10.7
68	5.9	4.5	6.7

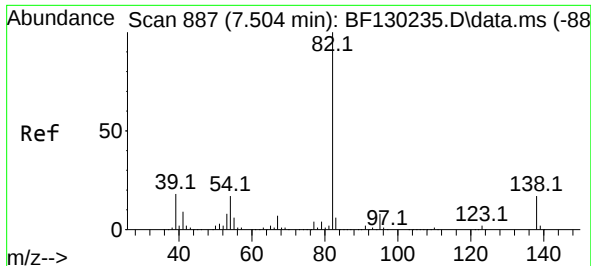


#23
Nitrobenzene-d5
Concen: 76.944 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

Tgt Ion: 82 Resp: 491024

Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.6	49.0
54	54.9	43.8	65.6

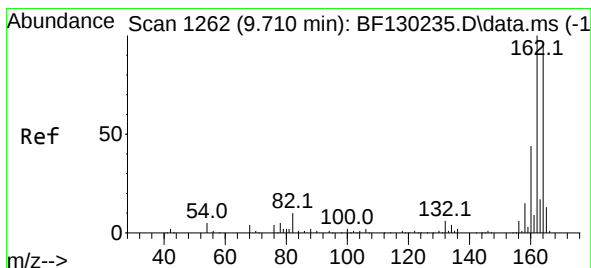
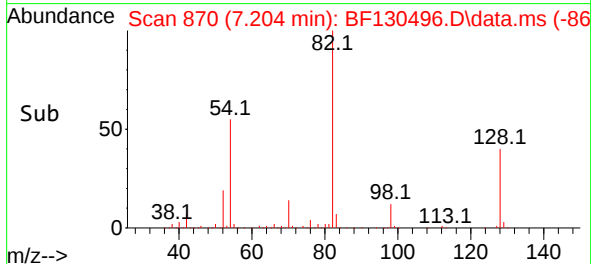
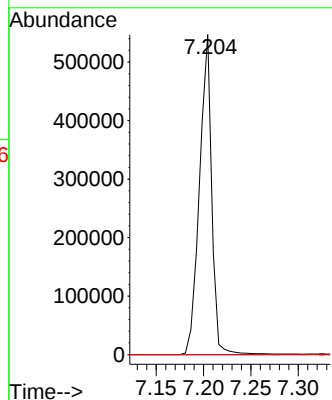
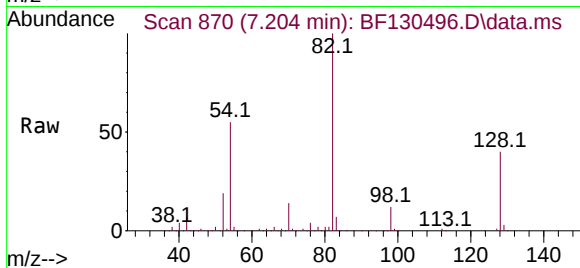




#25
Isophorone
Concen: 47.738 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

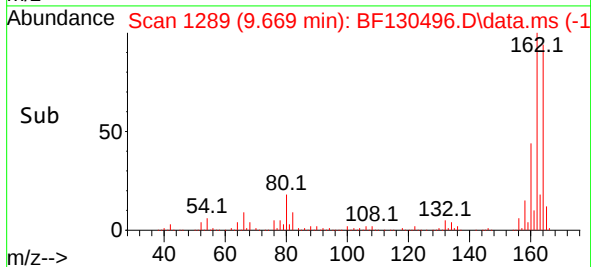
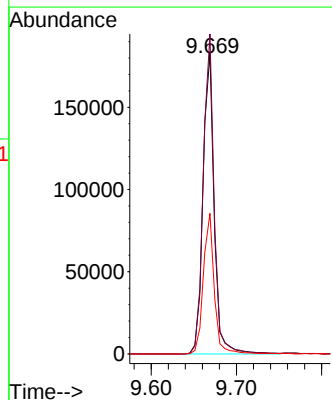
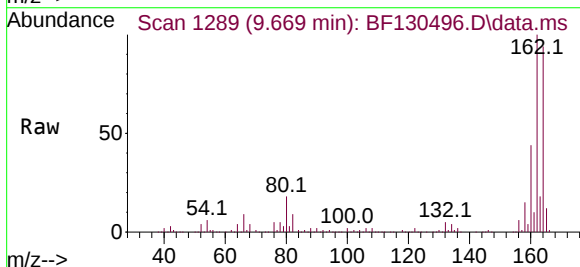
Instrument :
BNA_F
ClientSampleId :
T-3

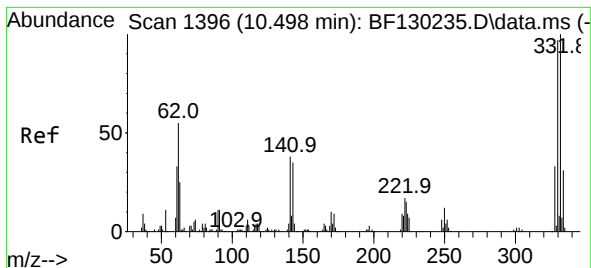
Tgt Ion: 82 Resp: 491016
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

Tgt Ion: 164 Resp: 166235
Ion Ratio Lower Upper
164 100
162 106.4 81.4 122.0
160 46.7 36.2 54.4

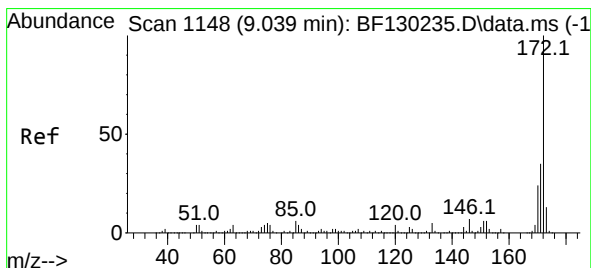
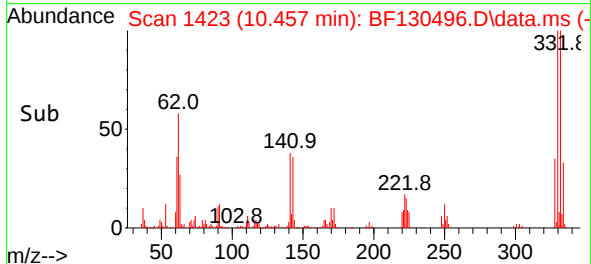
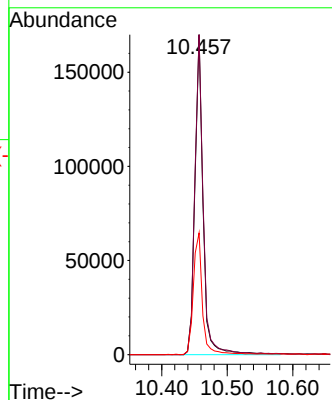
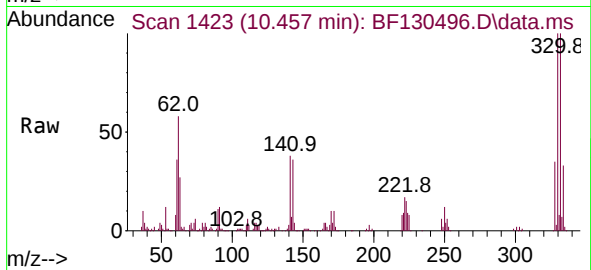




#42
2,4,6-Tribromophenol
Concen: 93.070 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

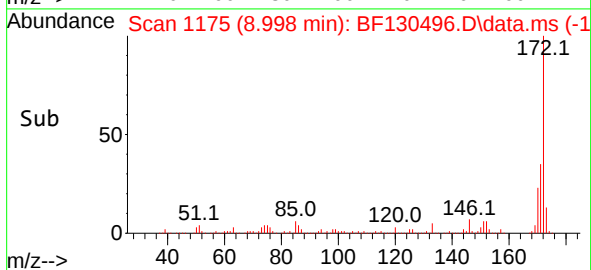
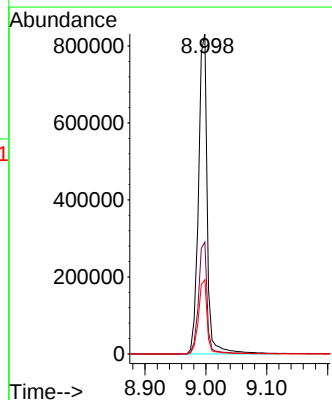
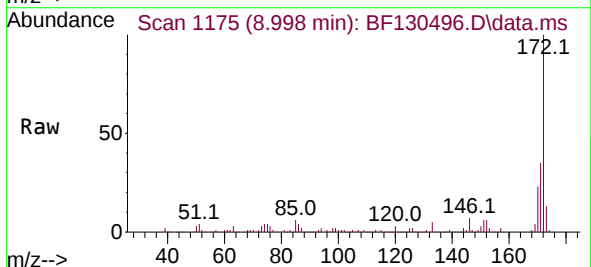
Instrument :
BNA_F
ClientSampleId :
T-3

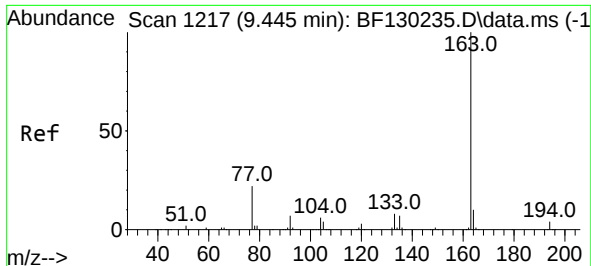
Tgt Ion:330 Resp: 148247
Ion Ratio Lower Upper
330 100
332 101.6 83.4 125.2
141 42.1 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 73.261 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

Tgt Ion:172 Resp: 836330
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.2 18.7 28.1

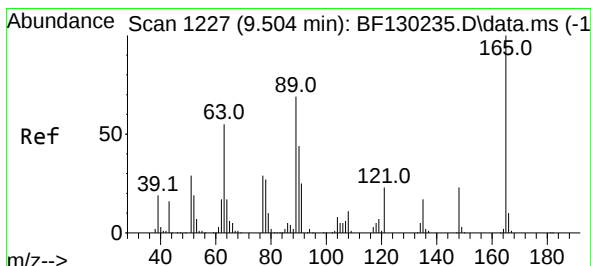
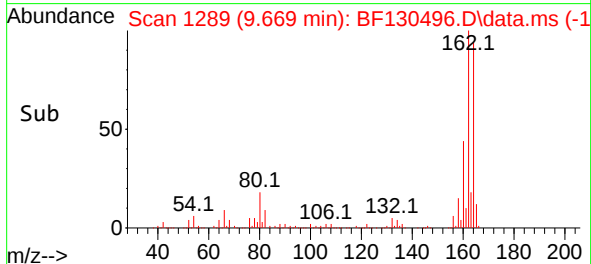
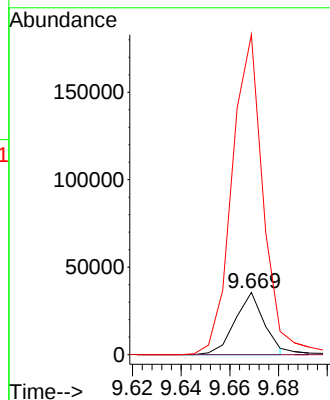
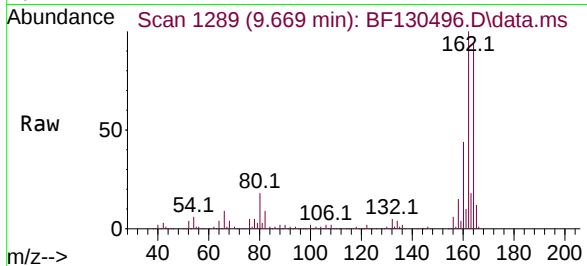




#50
Dimethylphthalate
Concen: 2.574 ng
RT: 9.669 min Scan# 1217
Delta R.T. 0.253 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

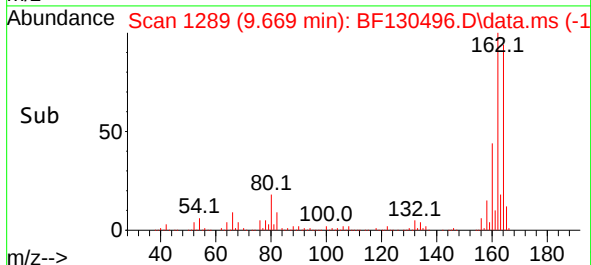
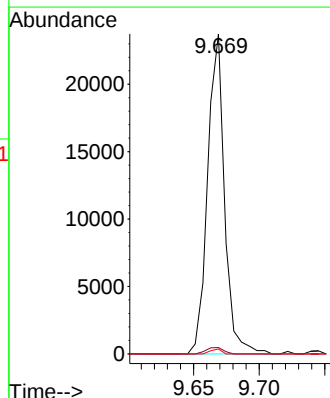
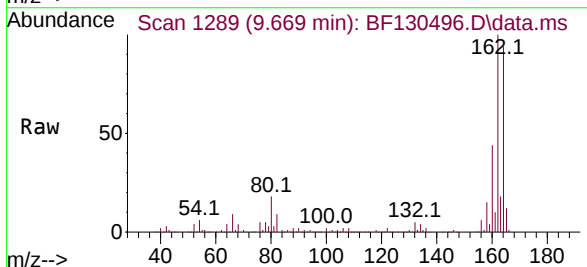
Instrument :
BNA_F
ClientSampleId :
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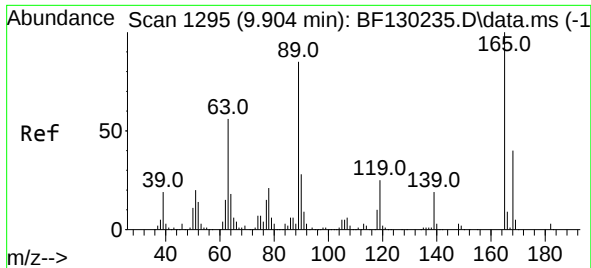
Tgt Ion:163 Resp: 29562
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 514.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.851 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

Tgt Ion:165 Resp: 21255
Ion Ratio Lower Upper
165 100
63 2.0 58.8 88.2#
89 1.5 54.5 81.7#

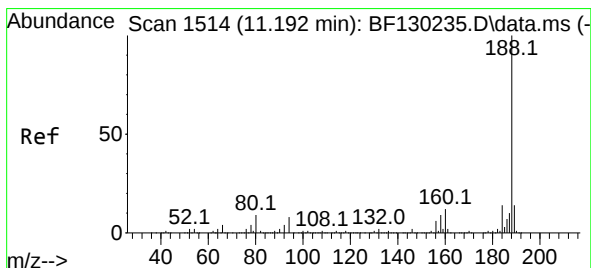
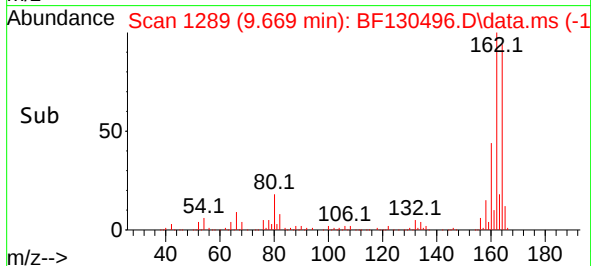
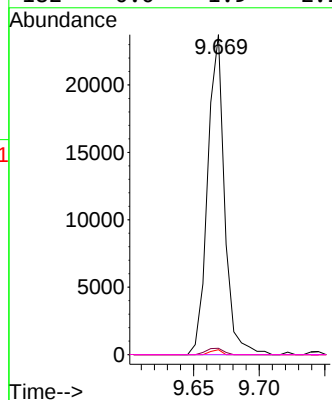
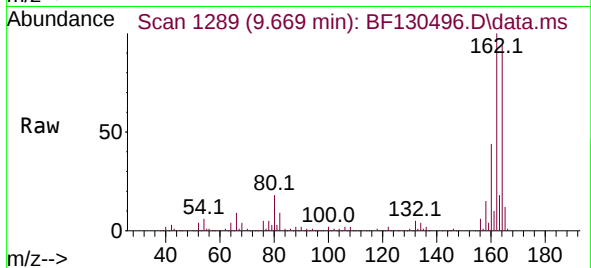




#57
2,4-Dinitrotoluene
Concen: 6.925 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

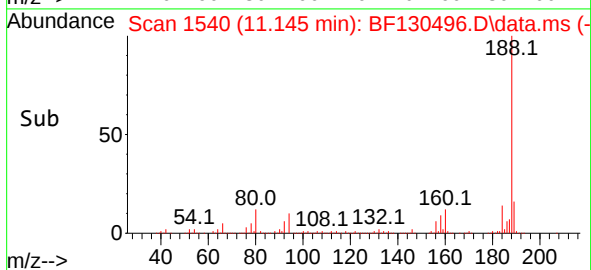
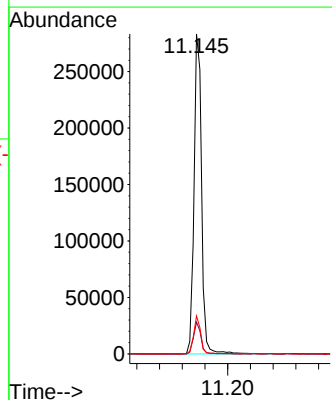
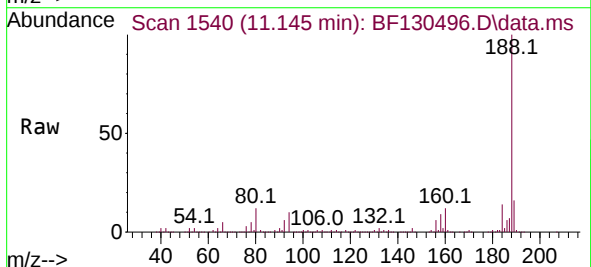
Instrument :
BNA_F
ClientSampleId :
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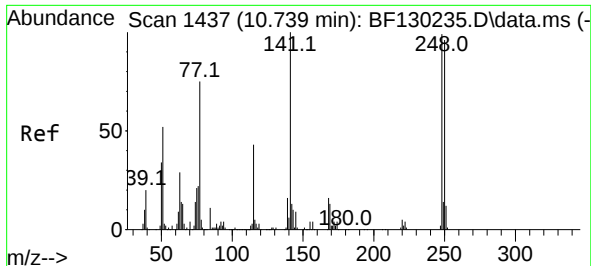
Tgt Ion:	165	Resp:	21255
Ion Ratio	Lower	Upper	
165	100		
63	2.0	44.7	67.1#
89	1.5	69.0	103.4#
182	0.0	1.9	2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

Tgt Ion:	188	Resp:	259250
Ion Ratio	Lower	Upper	
188	100		
94	9.9	7.4	11.2
80	11.9	7.9	11.9#

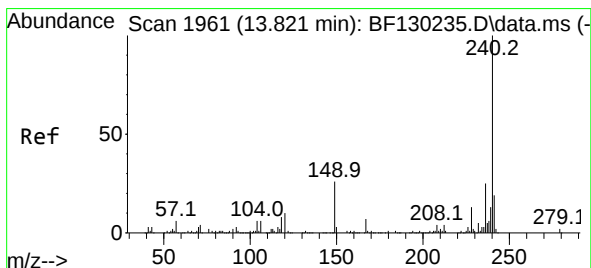
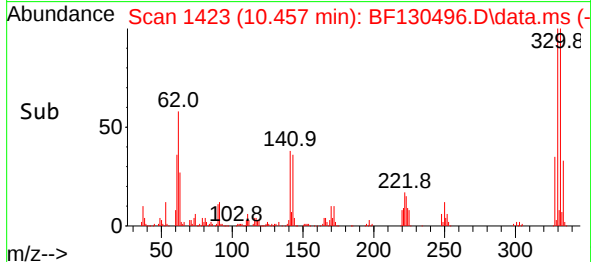
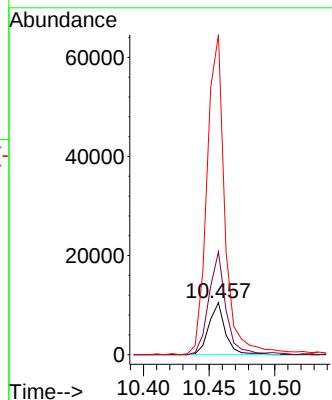
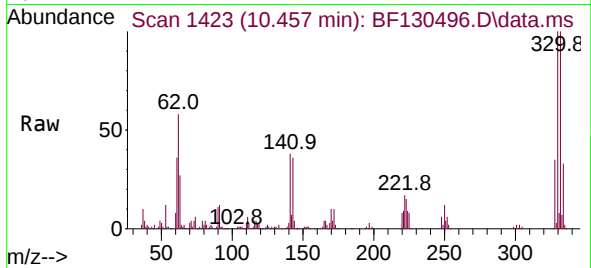




#67
4-Bromophenyl-phenylether
Concen: 3.200 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

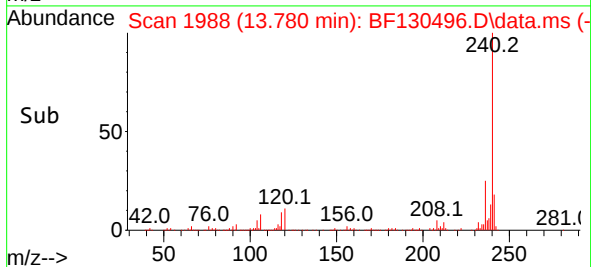
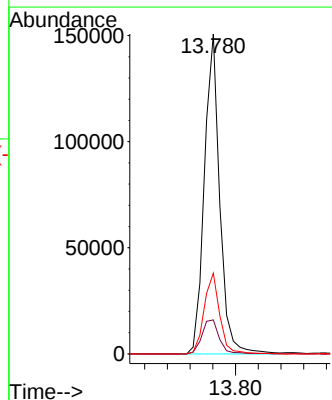
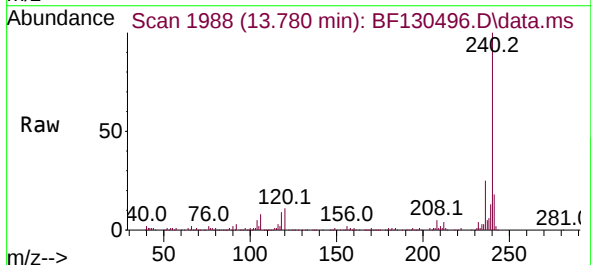
Instrument :
BNA_F
ClientSampleId :
T-3

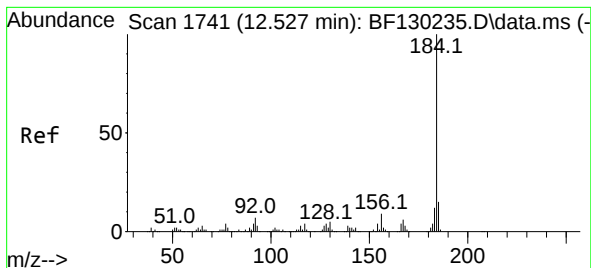
Tgt Ion:248 Resp: 9152
Ion Ratio Lower Upper
248 100
250 198.1 80.0 120.0#
141 616.2 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

Tgt Ion:240 Resp: 141634
Ion Ratio Lower Upper
240 100
120 10.6 8.7 13.1
236 25.2 20.9 31.3





#77

Benzidine

Concen: 2.741 ng

RT: 12.733 min Scan# 1810

Delta R.T. 0.235 min

Lab File: BF130496.D

Acq: 03 Oct 2022 13:55

Instrument :

BNA_F

ClientSampleId :

T-3

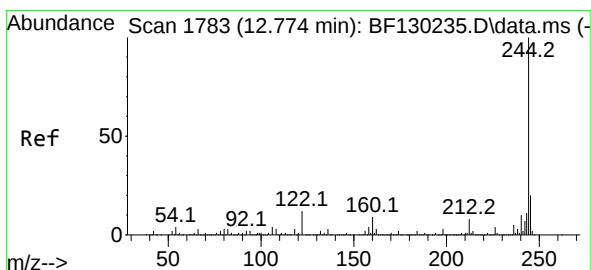
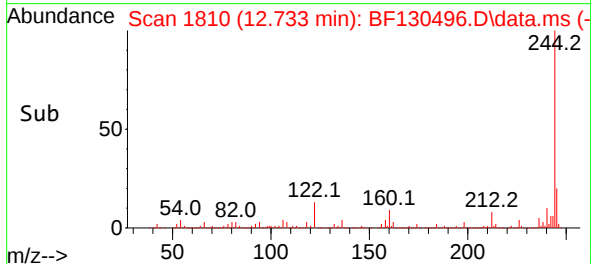
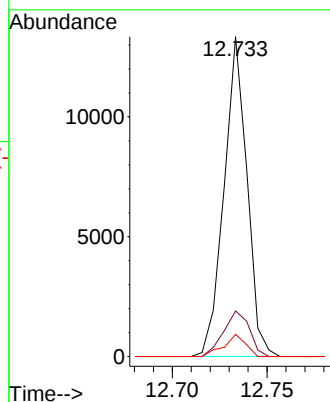
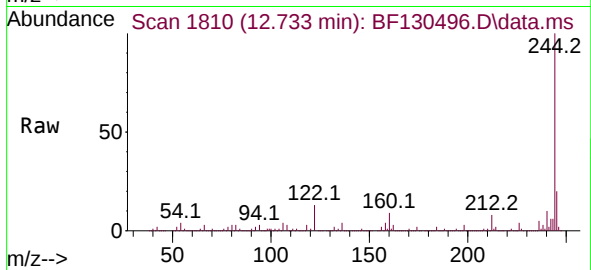
Tgt Ion:184 Resp: 11268

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.6

183 7.0 9.1 13.7#



#79

Terphenyl-d14

Concen: 79.149 ng

RT: 12.733 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF130496.D

Acq: 03 Oct 2022 13:55

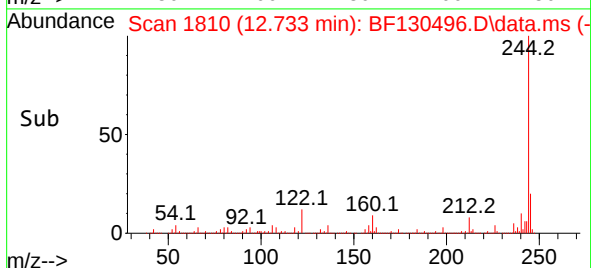
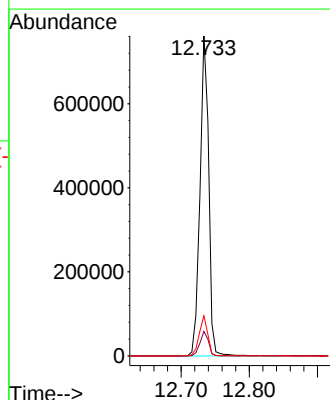
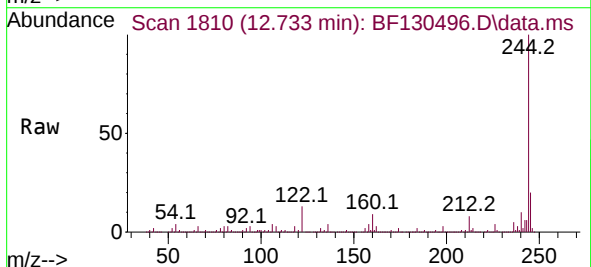
Tgt Ion:244 Resp: 676742

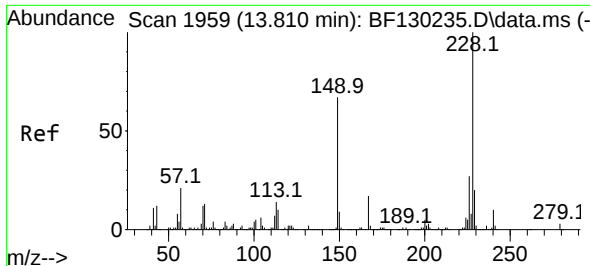
Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

122 12.5 8.5 12.7

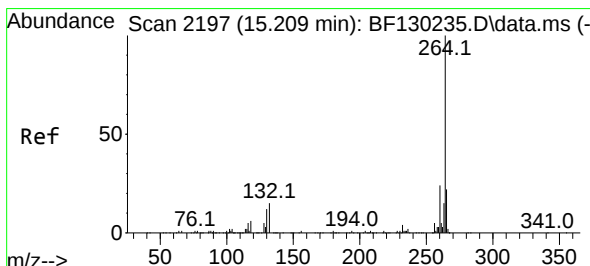
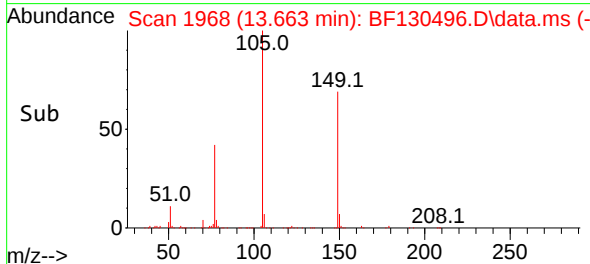
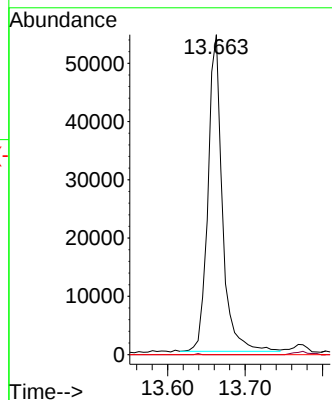
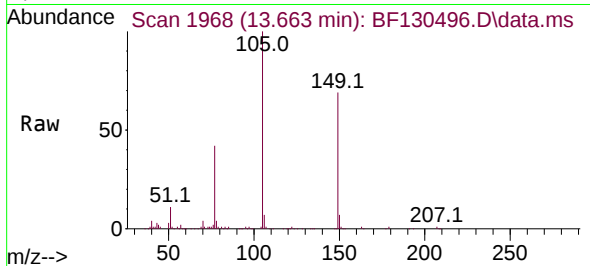




#84
Bis(2-ethylhexyl)phthalate
Concen: 13.271 ng
RT: 13.663 min Scan# 1959
Delta R.T. -0.117 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

Instrument :
BNA_F
ClientSampleId :
T-3

Tgt Ion:149 Resp: 69773
Ion Ratio Lower Upper
149 100
167 0.0 20.5 30.7#
279 0.0 2.9 4.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.169 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BF130496.D
Acq: 03 Oct 2022 13:55

Tgt Ion:264 Resp: 153802
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 22.8 17.0 25.4

