

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102122\
 Data File : BF130744.D
 Acq On : 21 Oct 2022 14:41
 Operator : CG\JU
 Sample : N5186-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEXAS-SP-1019

Quant Time: Oct 21 18:17:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

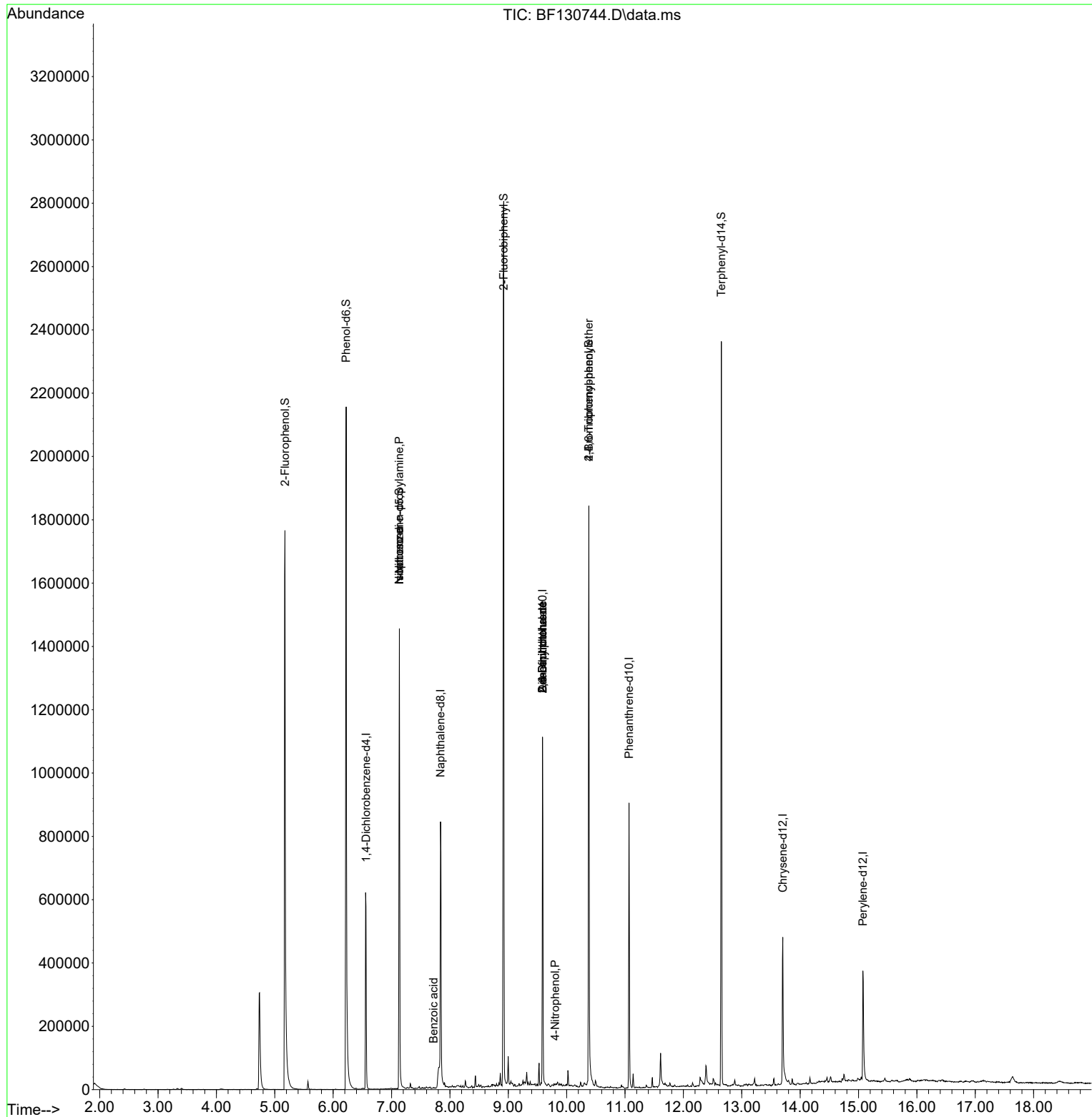
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	99728	20.000	ng	0.00
21) Naphthalene-d8	7.839	136	377847	20.000	ng	0.00
39) Acenaphthene-d10	9.586	164	216211	20.000	ng	0.00
64) Phenanthrene-d10	11.069	188	297786	20.000	ng	0.00
76) Chrysene-d12	13.704	240	161179	20.000	ng	# 0.00
86) Perylene-d12	15.074	264	155023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	634959	109.791	ng	0.01
7) Phenol-d6	6.222	99	831947	118.895	ng	0.00
23) Nitrobenzene-d5	7.134	82	466389	65.479	ng	0.00
42) 2,4,6-Tribromophenol	10.380	330	228058	110.915	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	945057	66.611	ng	0.00
79) Terphenyl-d14	12.651	244	755277	78.967	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.134	70	62995	13.323	ng	# 76
25) Isophorone	7.134	82	466385	39.741	ng	# 65
32) Benzoic acid	7.722	122	57	6.027	ng	# 30
50) Dimethylphthalate	9.586	163	40556	2.789	ng	# 1
51) 2,6-Dinitrotoluene	9.586	165	28495	8.750	ng	# 30
56) 4-Nitrophenol	9.804	139	320	5.037	ng	# 41
57) 2,4-Dinitrotoluene	9.586	165	28495	6.495	ng	# 28
67) 4-Bromophenyl-phenylether	10.380	248	14159	3.953	ng	# 1
77) Benzidine	12.651	184	10310	Below Cal		# 94

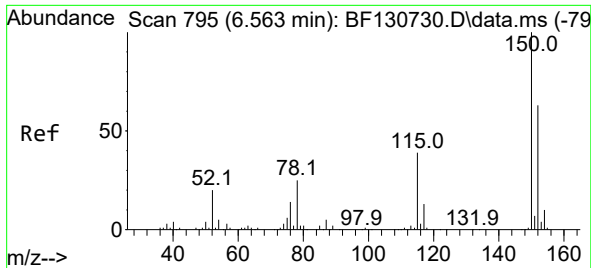
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102122\
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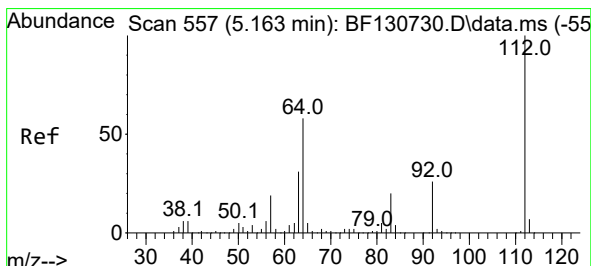
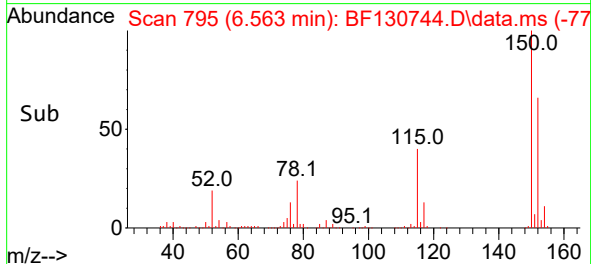
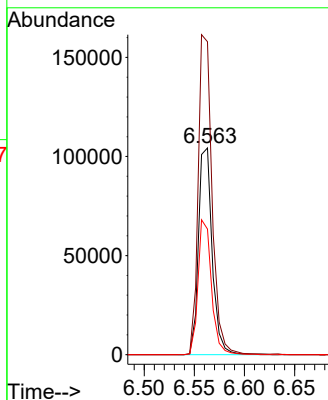
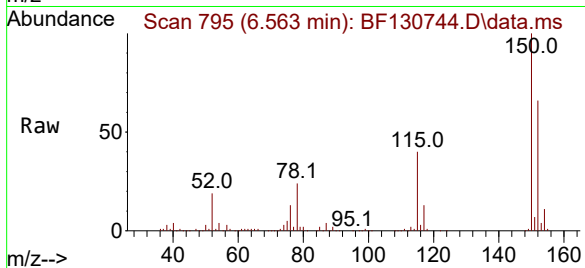




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130744.D
Acq: 21 Oct 2022 14:41

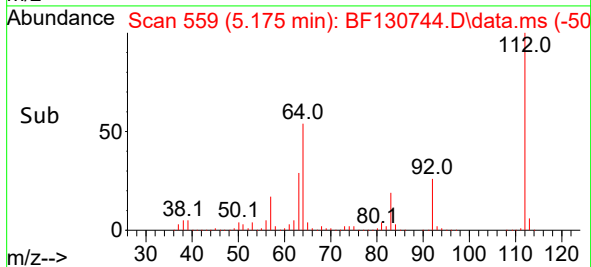
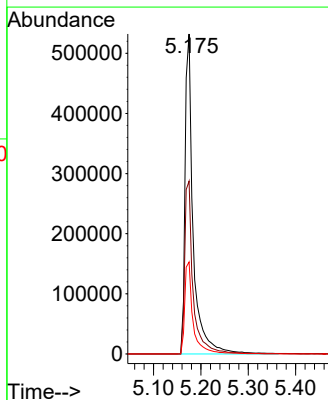
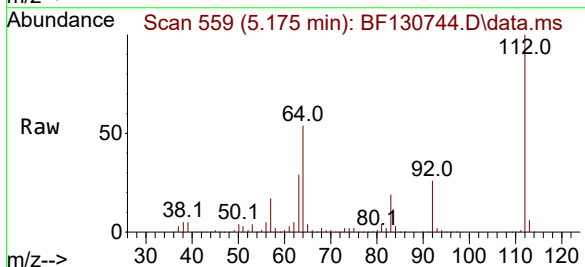
Instrument :
BNA_F
ClientSampleId :
TEXAS-SP-1019

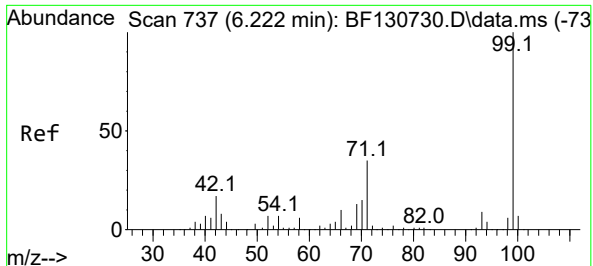
Tgt Ion:152 Resp: 99728
Ion Ratio Lower Upper
152 100
150 151.4 127.0 190.6
115 60.8 49.9 74.9



#5
2-Fluorophenol
Concen: 109.791 ng
RT: 5.175 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF130744.D
Acq: 21 Oct 2022 14:41

Tgt Ion:112 Resp: 634959
Ion Ratio Lower Upper
112 100
64 54.0 46.2 69.4
63 28.8 25.1 37.7

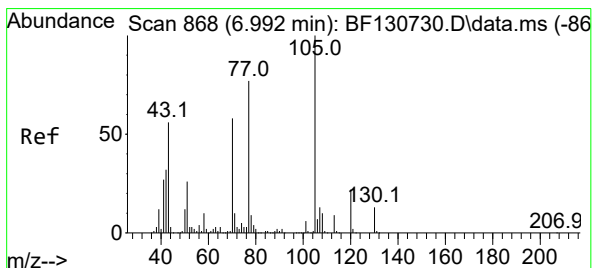
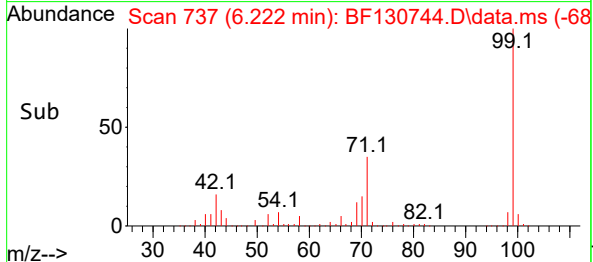
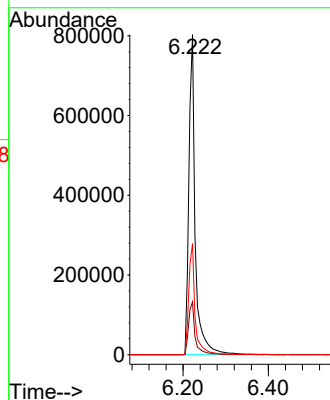
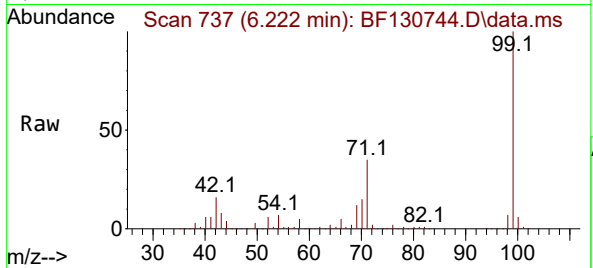




#7
Phenol-d6
Concen: 118.895 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130744.D
Acq: 21 Oct 2022 14:41

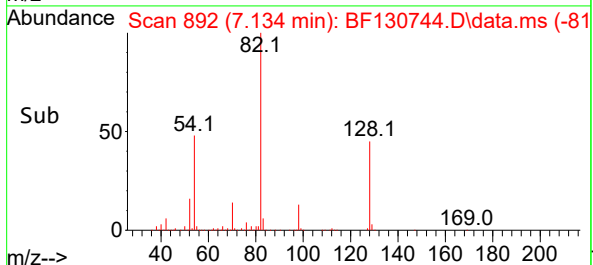
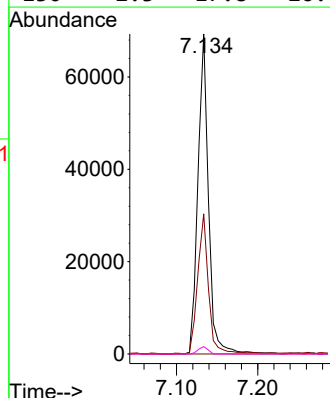
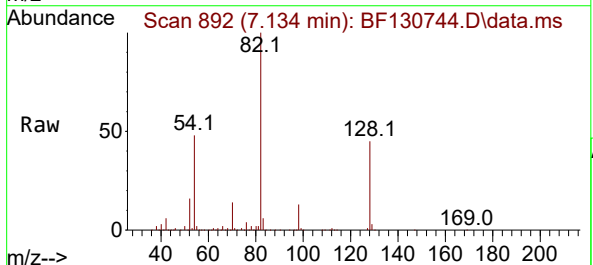
Instrument :
BNA_F
ClientSampleId :
TEXAS-SP-1019

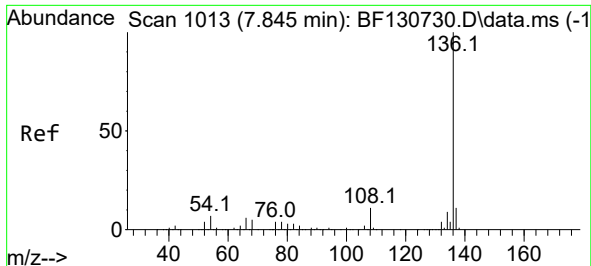
Tgt Ion: 99 Resp: 831947
Ion Ratio Lower Upper
99 100
42 16.5 13.8 20.8
71 34.7 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.323 ng
RT: 7.134 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130744.D
Acq: 21 Oct 2022 14:41

Tgt Ion: 70 Resp: 62995
Ion Ratio Lower Upper
70 100
42 43.8 44.1 66.1#
101 0.0 8.3 12.5#
130 2.3 17.8 26.6#

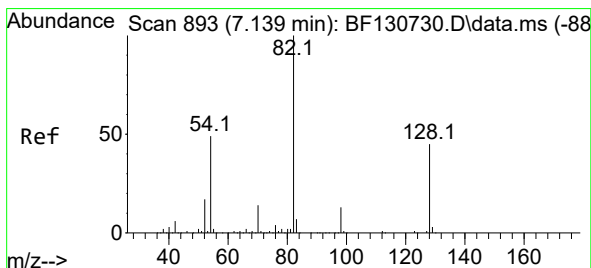
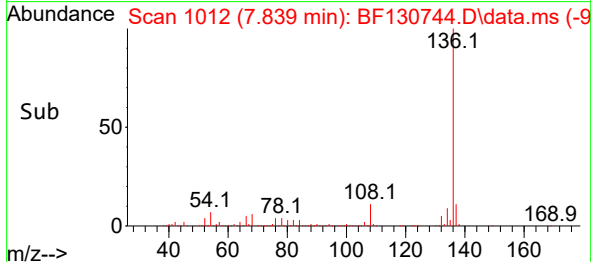
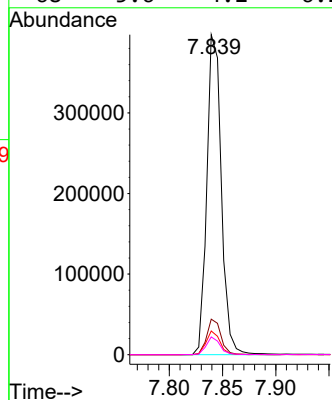
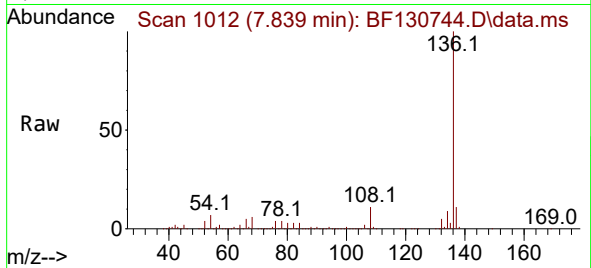




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.839 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF130744.D
Acq: 21 Oct 2022 14:41

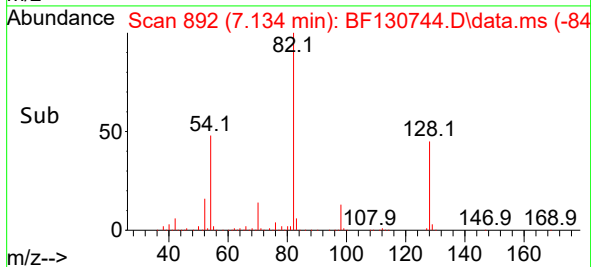
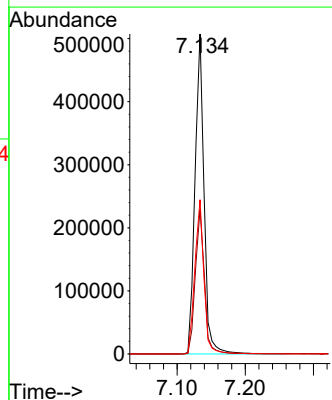
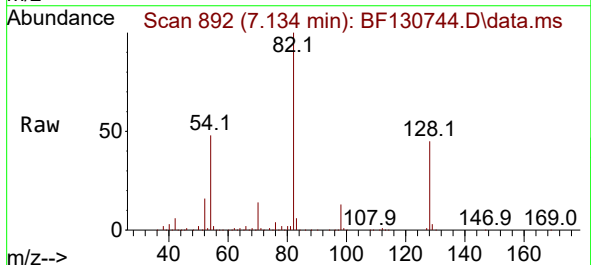
Instrument :
BNA_F
ClientSampleId :
TEXAS-SP-1019

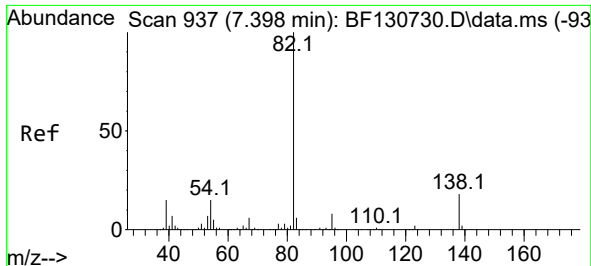
Tgt Ion:136 Resp: 377847
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.4 5.8 8.8
68 5.6 4.2 6.2



#23
Nitrobenzene-d5
Concen: 65.479 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.005 min
Lab File: BF130744.D
Acq: 21 Oct 2022 14:41

Tgt Ion: 82 Resp: 466389
Ion Ratio Lower Upper
82 100
128 45.2 35.9 53.9
54 48.2 39.2 58.8

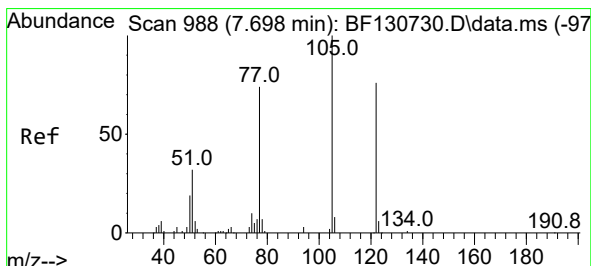
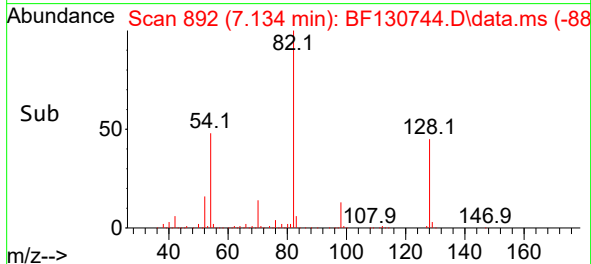
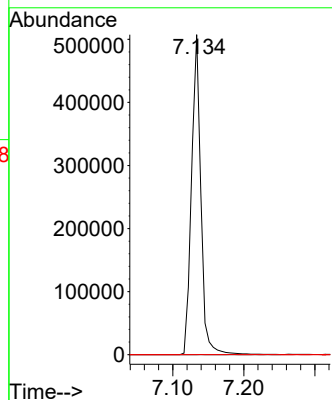
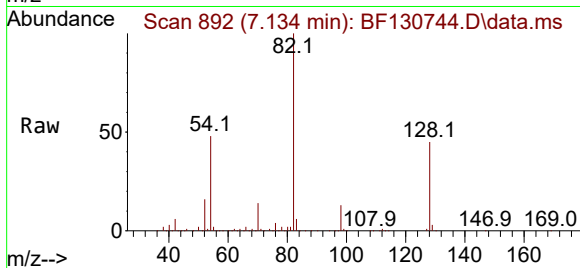




#25
Isophorone
Concen: 39.741 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF130744.D
Acq: 21 Oct 2022 14:41

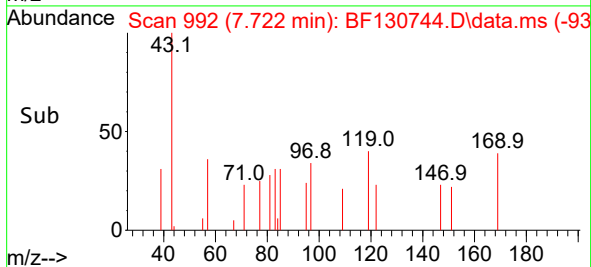
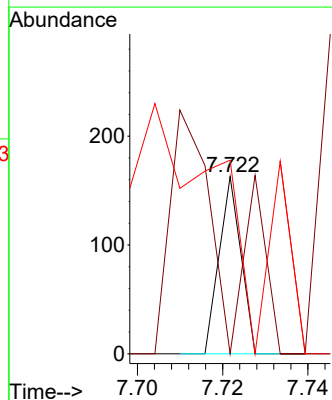
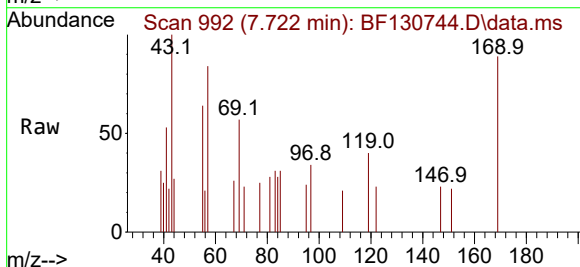
Instrument :
BNA_F
ClientSampleId :
TEXAS-SP-1019

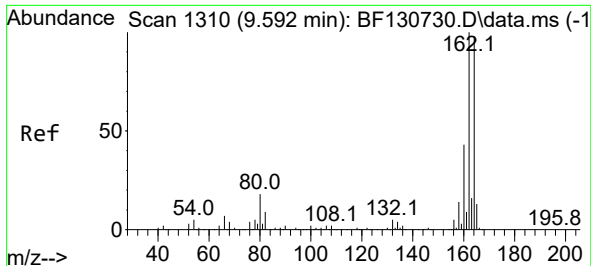
Tgt Ion: 82 Resp: 466385
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.027 ng
RT: 7.722 min Scan# 992
Delta R.T. 0.024 min
Lab File: BF130744.D
Acq: 21 Oct 2022 14:41

Tgt Ion: 122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 109.2 149.2#
77 109.2 75.7 115.7

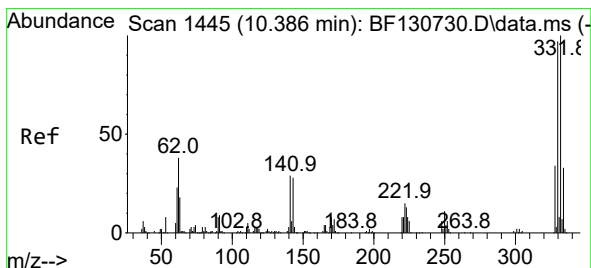
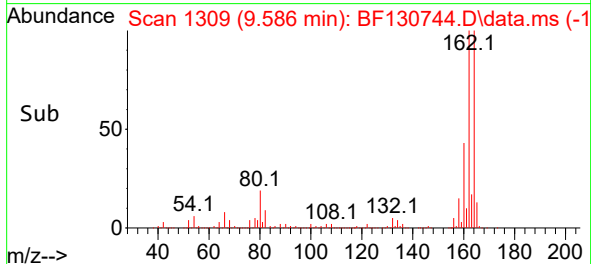
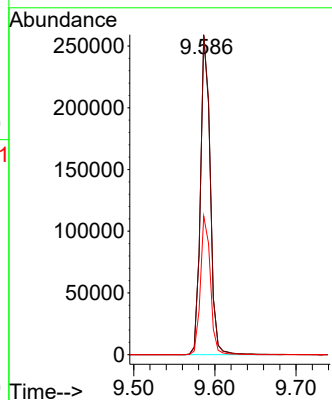
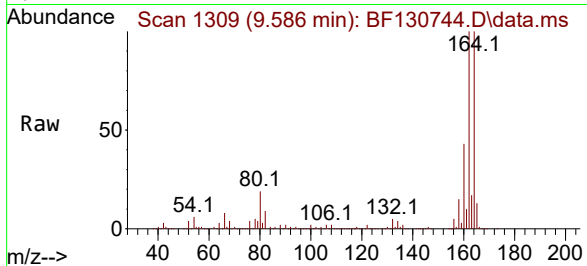




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130744.D
Acq: 21 Oct 2022 14:41

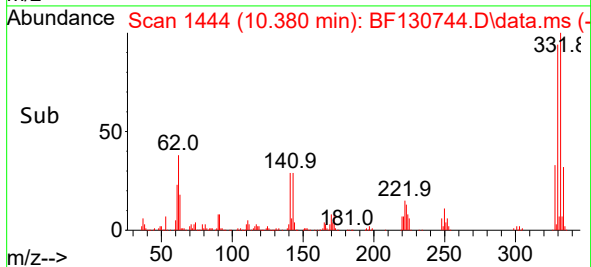
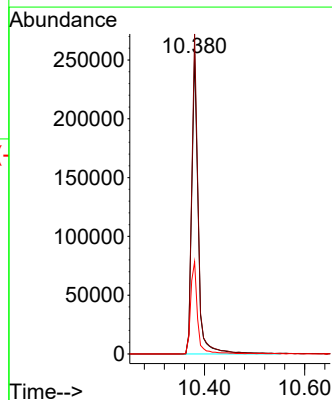
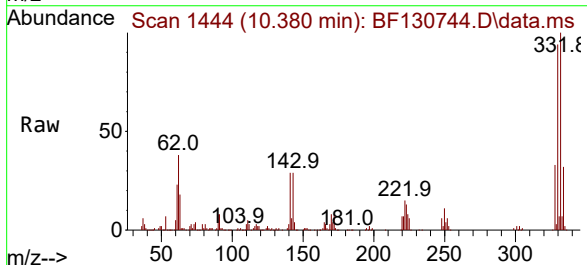
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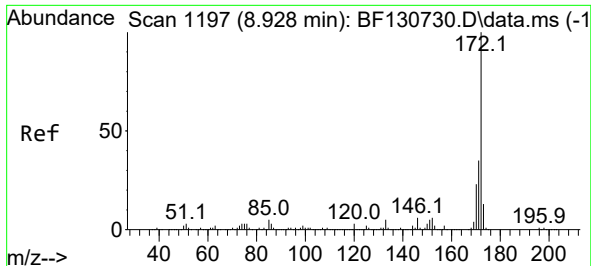
Tgt Ion:164 Resp: 216211
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 43.5 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 110.915 ng
RT: 10.380 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF130744.D
Acq: 21 Oct 2022 14:41

Tgt Ion:330 Resp: 228058
Ion Ratio Lower Upper
330 100
332 105.4 81.4 122.2
141 32.8 24.6 37.0

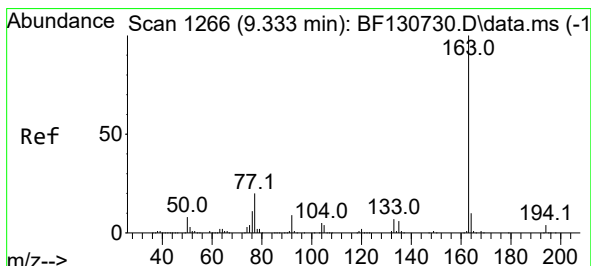
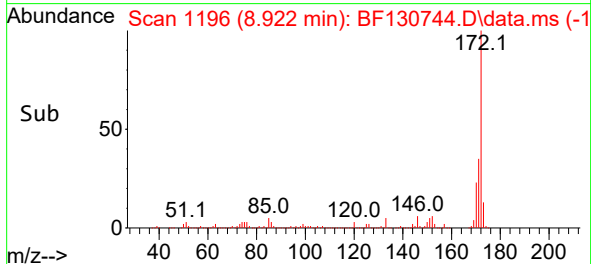
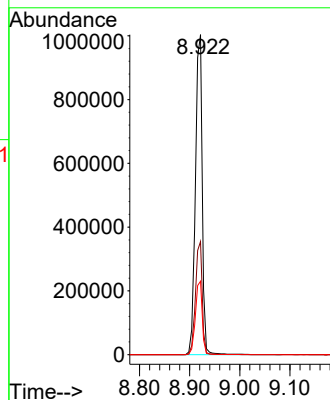
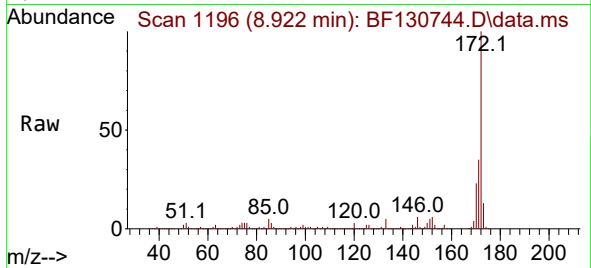




#45
 2-Fluorobiphenyl
 Concen: 66.611 ng
 RT: 8.922 min Scan# 1197
 Delta R.T. -0.006 min
 Lab File: BF130744.D
 Acq: 21 Oct 2022 14:41

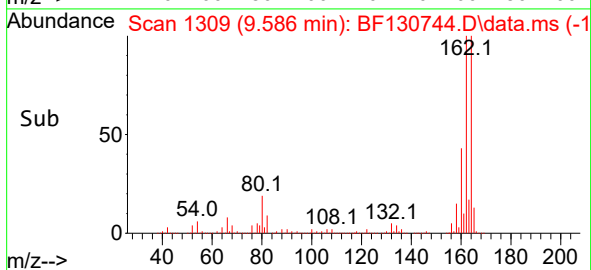
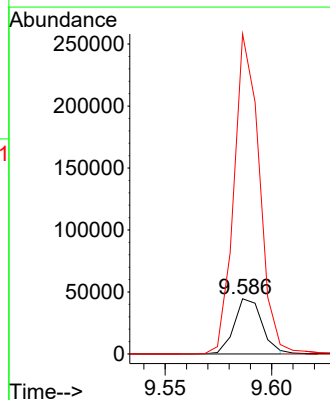
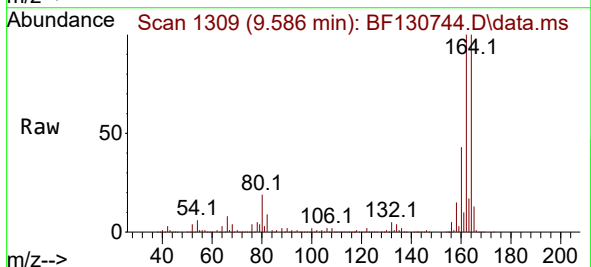
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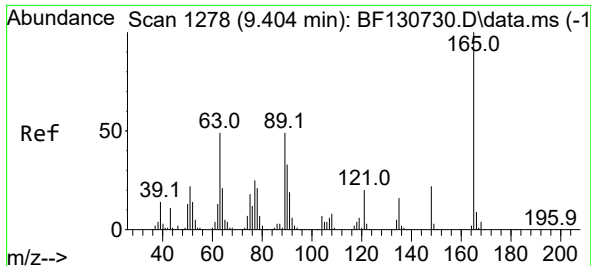
Tgt Ion:172 Resp: 945057
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.2 42.2
 170 22.9 18.5 27.7



#50
 Dimethylphthalate
 Concen: 2.789 ng
 RT: 9.586 min Scan# 1309
 Delta R.T. 0.253 min
 Lab File: BF130744.D
 Acq: 21 Oct 2022 14:41

Tgt Ion:163 Resp: 40556
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.1 4.7#
 164 579.3 8.1 12.1#





#51

2,6-Dinitrotoluene

Concen: 8.750 ng

RT: 9.586 min Scan# 11

Delta R.T. 0.182 min

Lab File: BF130744.D

Acq: 21 Oct 2022 14:41

Instrument :

BNA_F

ClientSampleId :

TEXAS-SP-1019

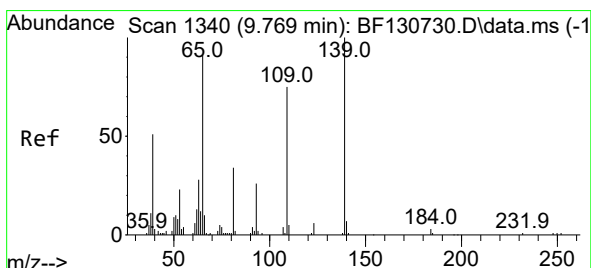
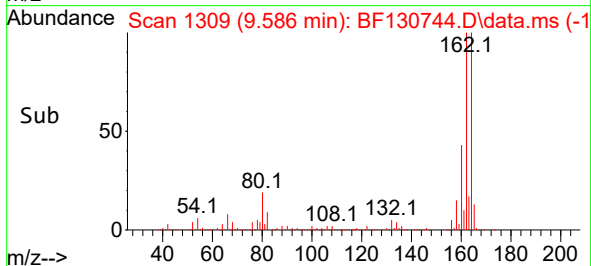
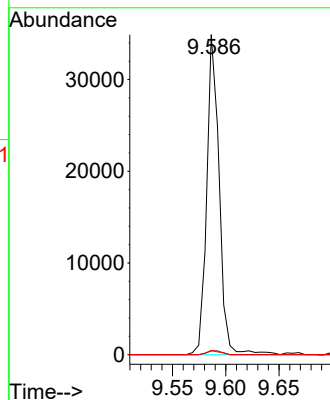
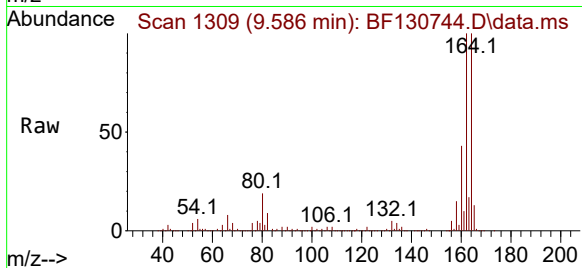
Tgt Ion:165 Resp: 28495

Ion Ratio Lower Upper

165 100

63 1.1 38.8 58.2#

89 1.3 39.4 59.2#



#56

4-Nitrophenol

Concen: 5.037 ng

RT: 9.804 min Scan# 1346

Delta R.T. 0.035 min

Lab File: BF130744.D

Acq: 21 Oct 2022 14:41

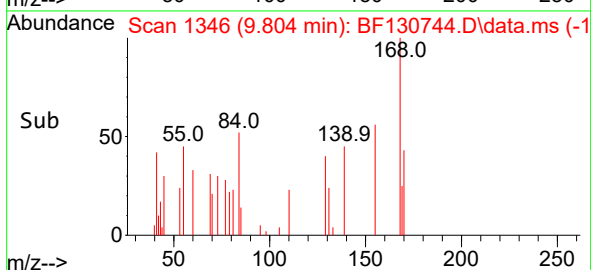
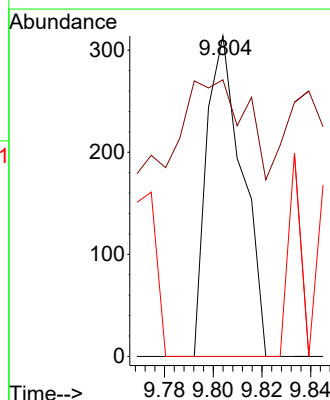
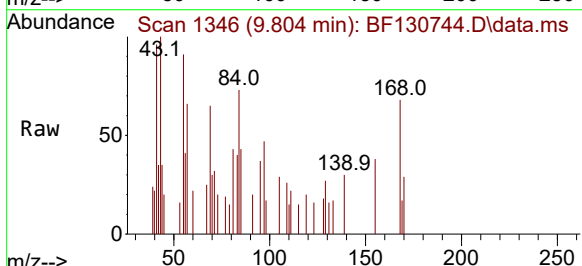
Tgt Ion:139 Resp: 320

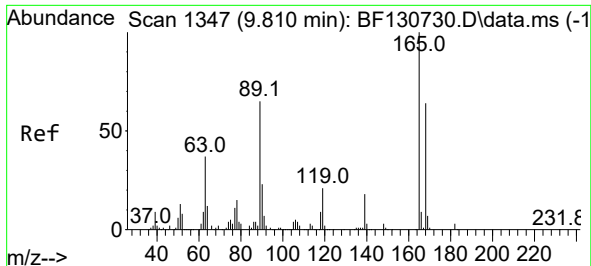
Ion Ratio Lower Upper

139 100

109 86.3 55.1 95.1

65 0.0 72.2 112.2#

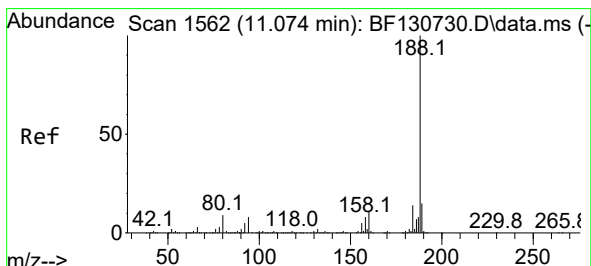
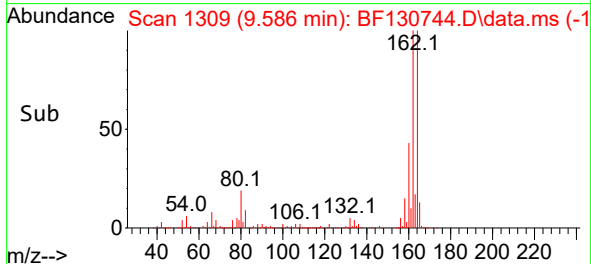
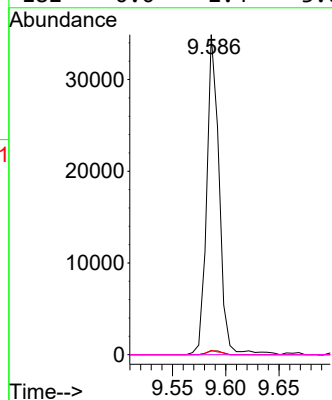
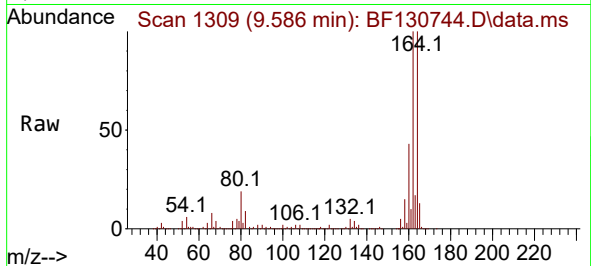




#57
2,4-Dinitrotoluene
Concen: 6.495 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF130744.D
Acq: 21 Oct 2022 14:41

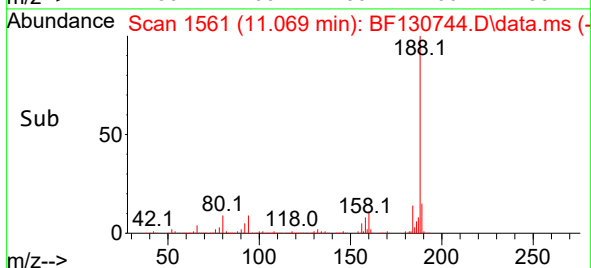
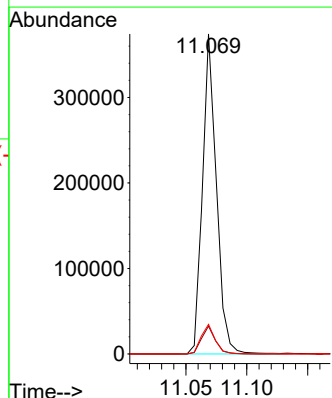
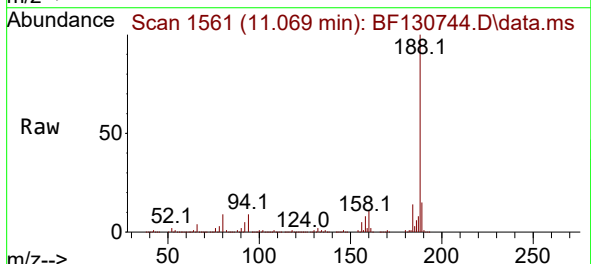
Instrument :
BNA_F
ClientSampleId :
TEXAS-SP-1019

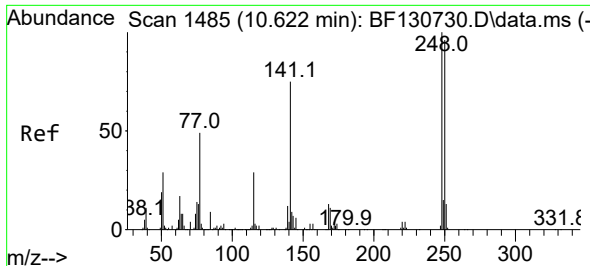
Tgt Ion:165 Resp: 28495
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.3 51.9 77.9#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.069 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF130744.D
Acq: 21 Oct 2022 14:41

Tgt Ion:188 Resp: 297786
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.3 7.4 11.0

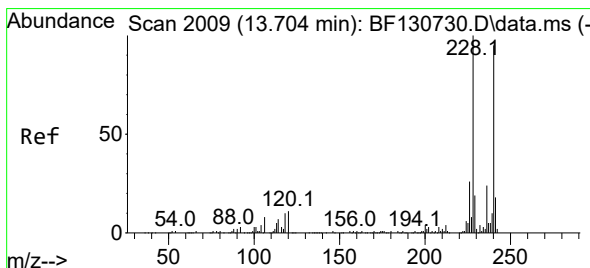
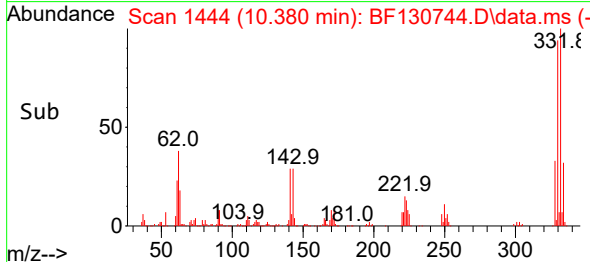
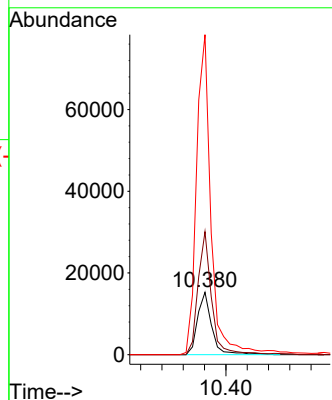
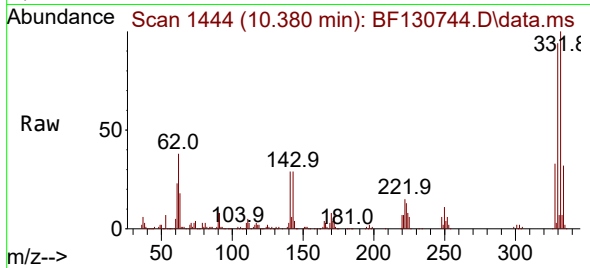




#67
4-Bromophenyl-phenylether
Concen: 3.953 ng
RT: 10.380 min Scan# 1444
Delta R.T. -0.241 min
Lab File: BF130744.D
Acq: 21 Oct 2022 14:41

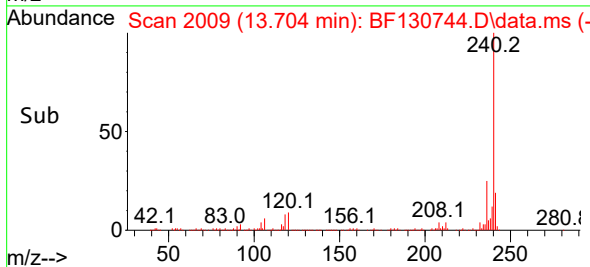
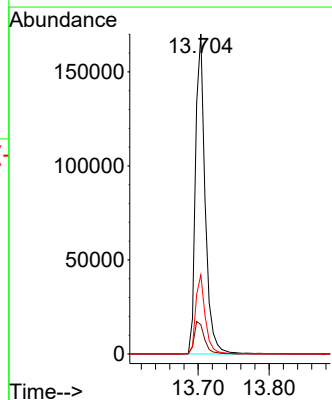
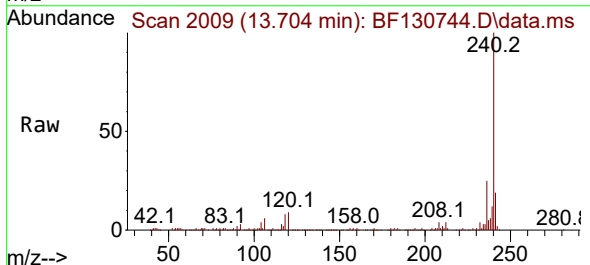
Instrument :
BNA_F
ClientSampleId :
TEXAS-SP-1019

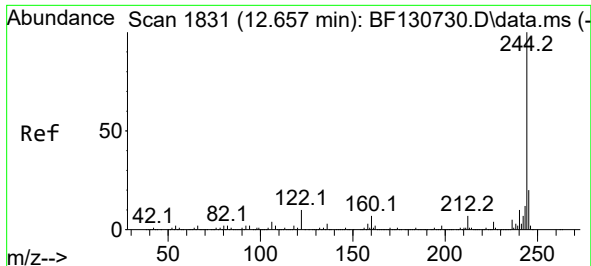
Tgt Ion:248 Resp: 14159
Ion Ratio Lower Upper
248 100
250 196.9 77.0 115.6#
141 512.2 60.1 90.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.704 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF130744.D
Acq: 21 Oct 2022 14:41

Tgt Ion:240 Resp: 161179
Ion Ratio Lower Upper
240 100
120 9.1 9.6 14.4#
236 24.8 20.2 30.2

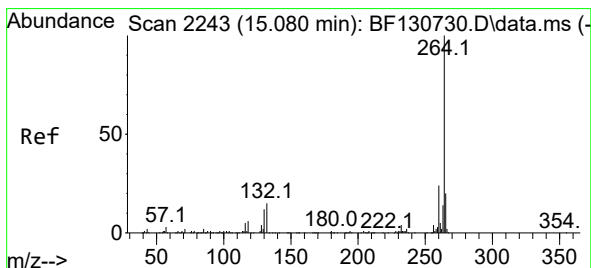
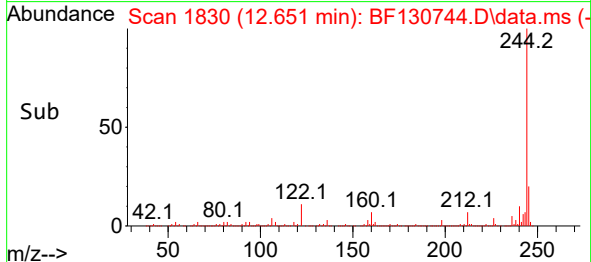
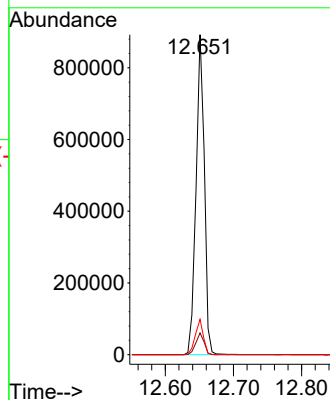
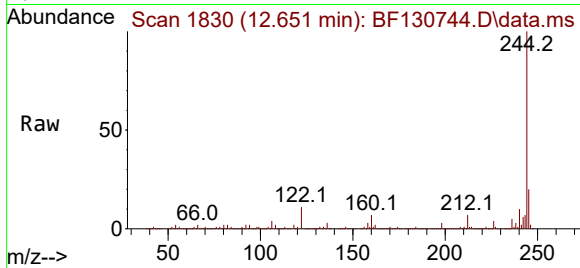




#79
 Terphenyl-d14
 Concen: 78.967 ng
 RT: 12.651 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF130744.D
 Acq: 21 Oct 2022 14:41

Instrument :
 BNA_F
 ClientSampleId :
 TEXAS-SP-1019

Tgt Ion:244 Resp: 755277
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.0 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.074 min Scan# 2242
 Delta R.T. -0.006 min
 Lab File: BF130744.D
 Acq: 21 Oct 2022 14:41

Tgt Ion:264 Resp: 155023
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 20.5 16.2 24.4

