

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130788.D
 Acq On : 26 Oct 2022 17:48
 Operator : CG\JU
 Sample : N5281-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5S

Quant Time: Oct 27 09:04:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 08:55:38 2022
 Response via : Initial Calibration

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

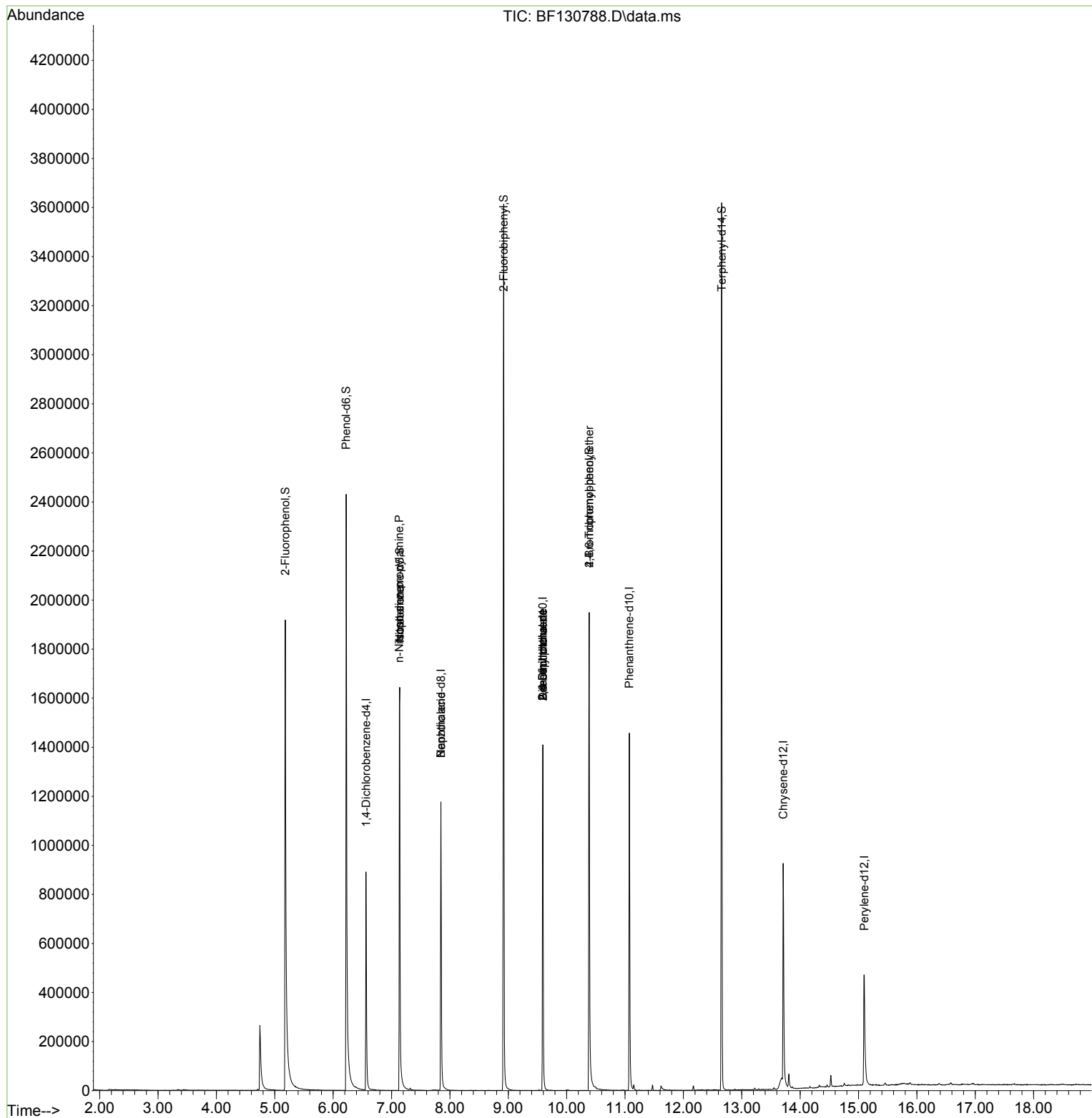
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	138714	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	566382	20.000	ng	# 0.00
39) Acenaphthene-d10	9.592	164	299083	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	523084	20.000	ng	# 0.00
76) Chrysene-d12	13.710	240	327652	20.000	ng	# 0.00
86) Perylene-d12	15.098	264	243218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	836732	104.017	ng	0.00
7) Phenol-d6	6.222	99	1026247	105.442	ng	0.00
23) Nitrobenzene-d5	7.139	82	615622	57.660	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	256650	90.234	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	1112095	56.665	ng	0.00
79) Terphenyl-d14	12.657	244	1162810	59.806	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.134	70	80161	12.189	ng	# 77
25) Isophorone	7.139	82	615622	34.996	ng	# 65
32) Benzoic acid	7.845	122	76	6.025	ng	# 1
50) Dimethylphthalate	9.592	163	53835	2.676	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	38857	8.625	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	38857	6.403	ng	# 27
67) 4-Bromophenyl-phenylether	10.386	248	15845	2.518	ng	# 1
77) Benzidine	12.657	184	15622	Below Cal		# 95

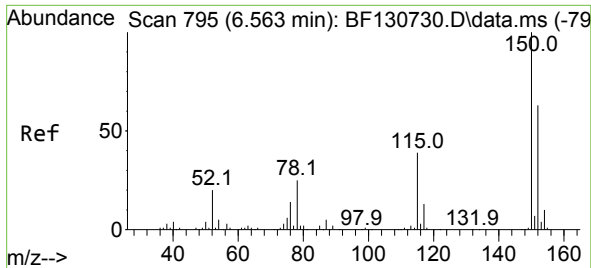
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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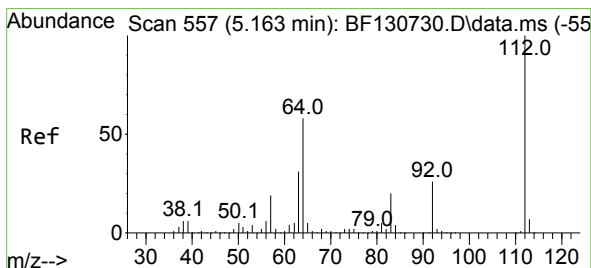
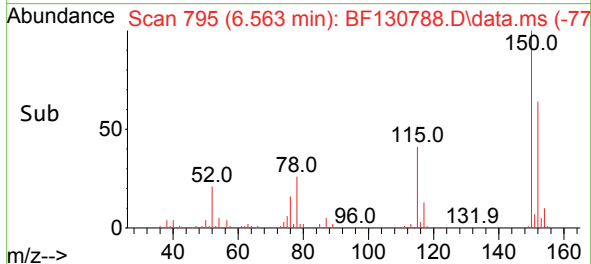
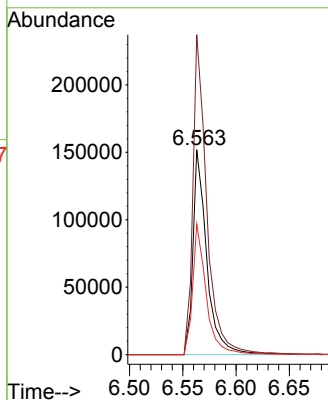
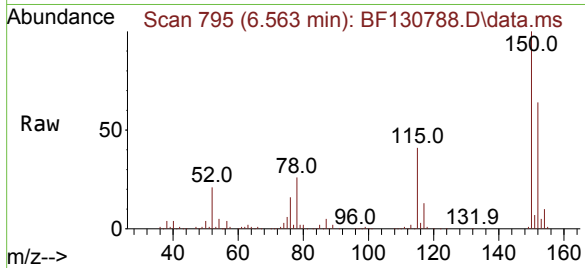




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.563 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: BF130788.D
 Acq: 26 Oct 2022 17:48

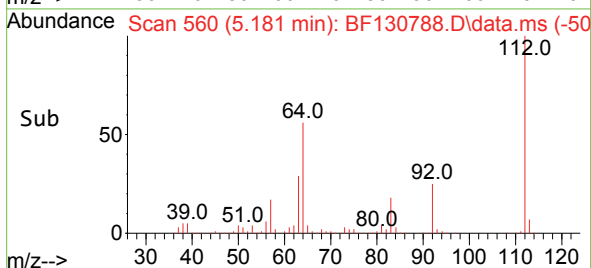
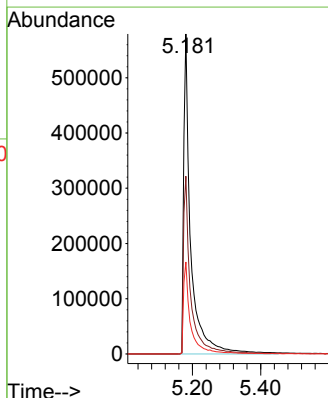
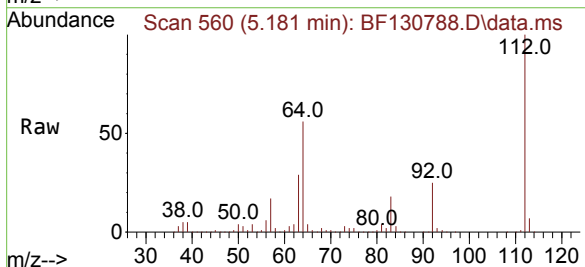
Instrument :
 BNA_F
 ClientSampleId :
 SB-5S

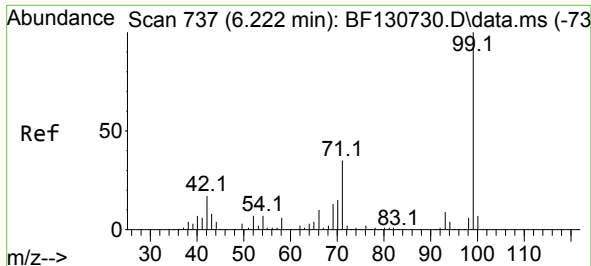
Tgt Ion:152 Resp: 138714
 Ion Ratio Lower Upper
 152 100
 150 156.1 127.0 190.6
 115 63.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 104.017 ng
 RT: 5.181 min Scan# 560
 Delta R.T. 0.006 min
 Lab File: BF130788.D
 Acq: 26 Oct 2022 17:48

Tgt Ion:112 Resp: 836732
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.2 69.4
 63 28.8 25.1 37.7

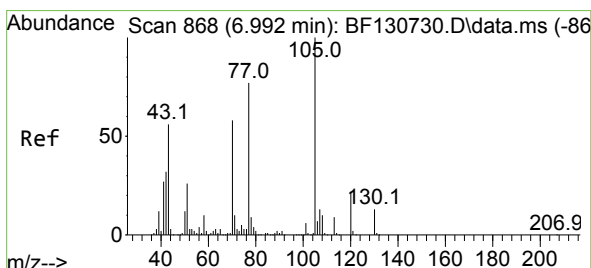
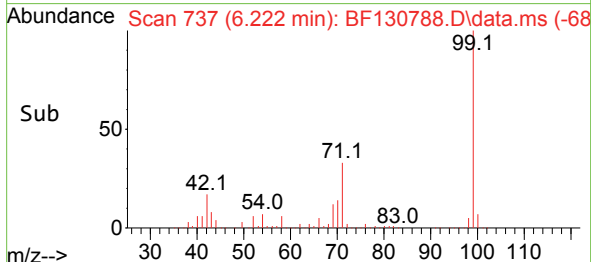
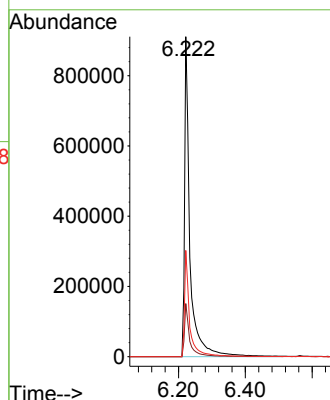
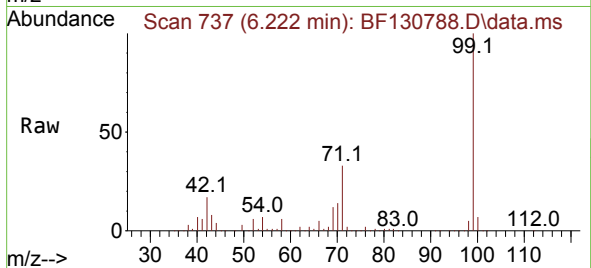




#7
Phenol-d6
Concen: 105.442 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130788.D
Acq: 26 Oct 2022 17:48

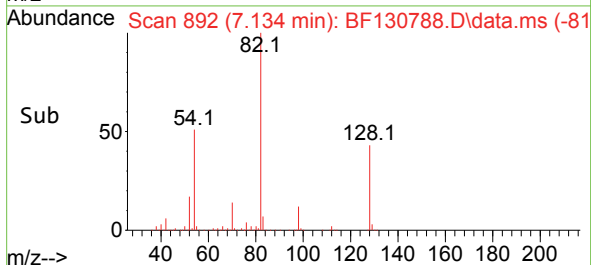
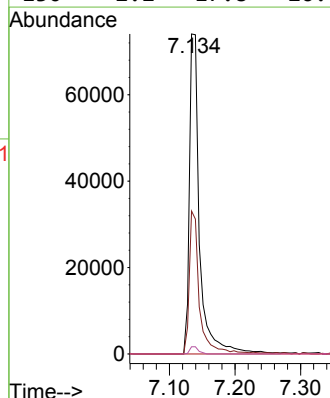
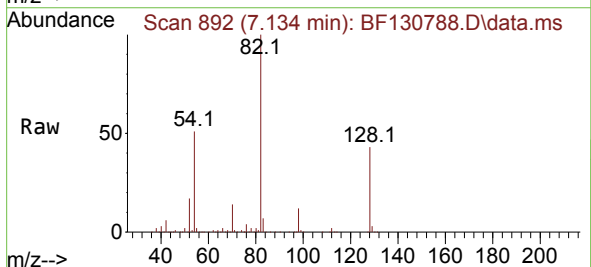
Instrument :
BNA_F
ClientSampleId :
SB-5S

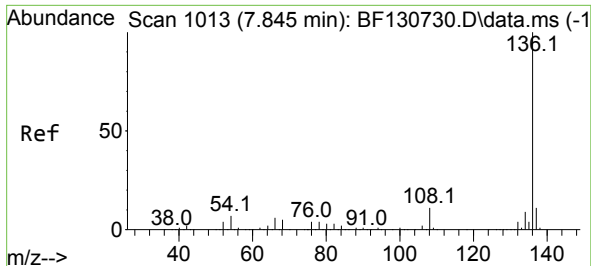
Tgt Ion: 99 Resp: 1026247
Ion Ratio Lower Upper
99 100
42 16.6 13.8 20.8
71 33.2 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.189 ng
RT: 7.134 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130788.D
Acq: 26 Oct 2022 17:48

Tgt Ion: 70 Resp: 80161
Ion Ratio Lower Upper
70 100
42 44.7 44.1 66.1
101 0.0 8.3 12.5#
130 2.2 17.8 26.6#

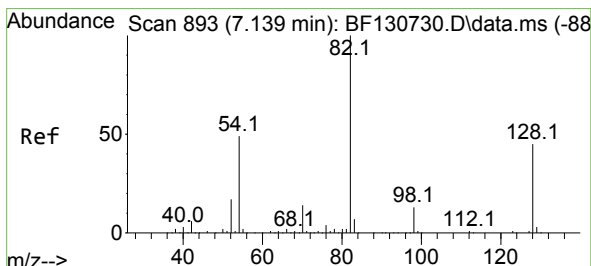
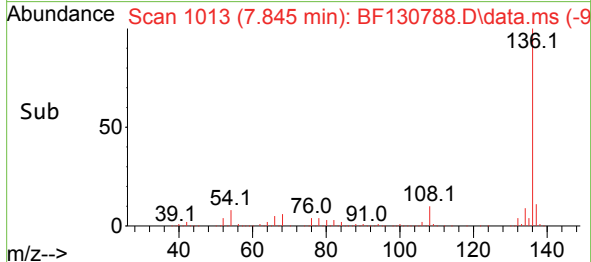
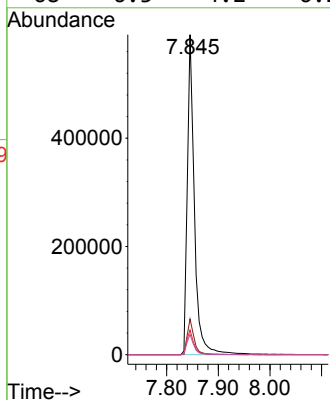
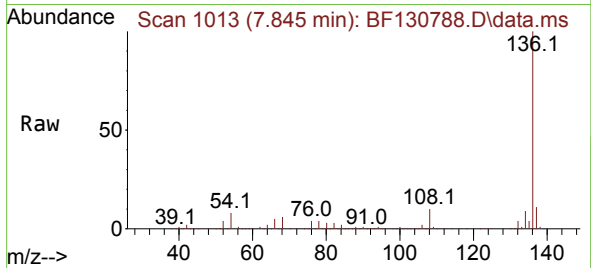




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130788.D
Acq: 26 Oct 2022 17:48

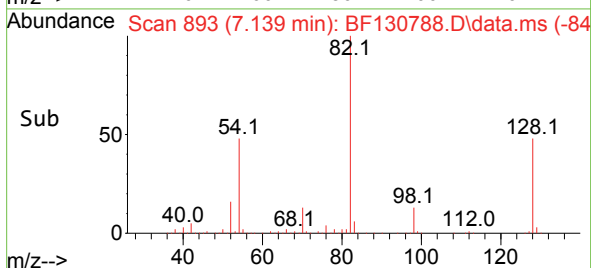
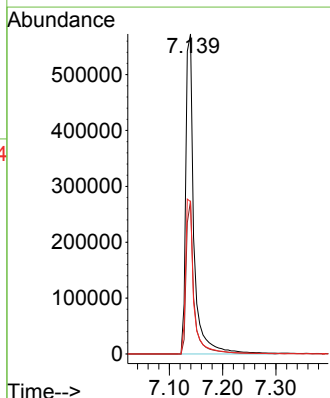
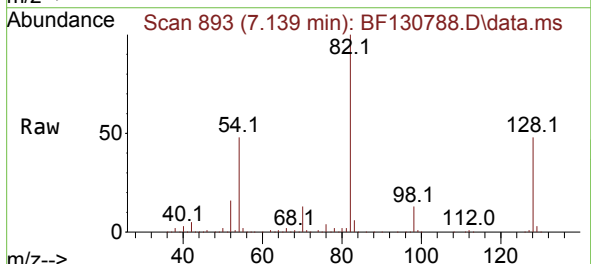
Instrument :
BNA_F
ClientSampleId :
SB-5S

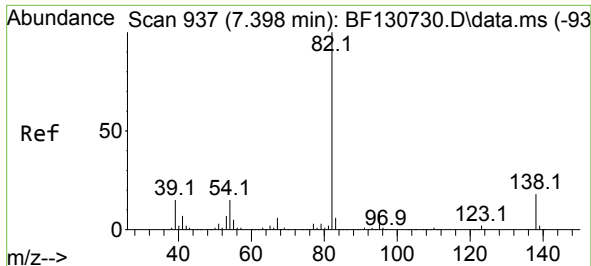
Tgt Ion:136 Resp: 566382
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.7 5.8 8.8
68 6.3 4.2 6.2#



#23
Nitrobenzene-d5
Concen: 57.660 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF130788.D
Acq: 26 Oct 2022 17:48

Tgt Ion: 82 Resp: 615622
Ion Ratio Lower Upper
82 100
128 47.9 35.9 53.9
54 47.6 39.2 58.8

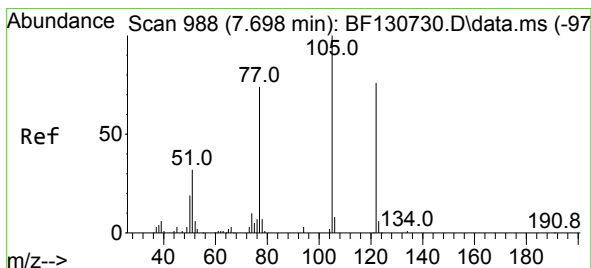
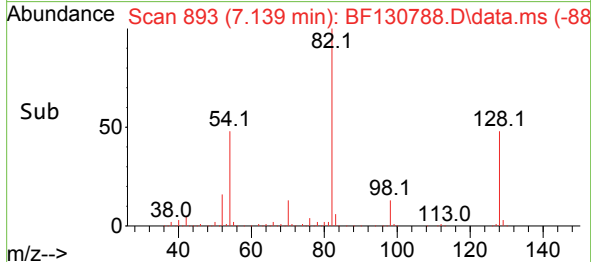
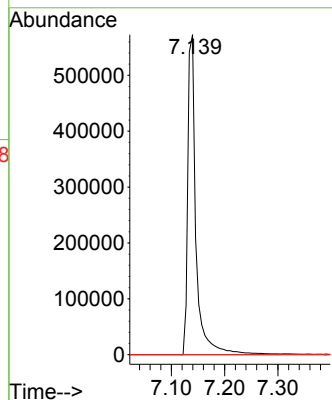
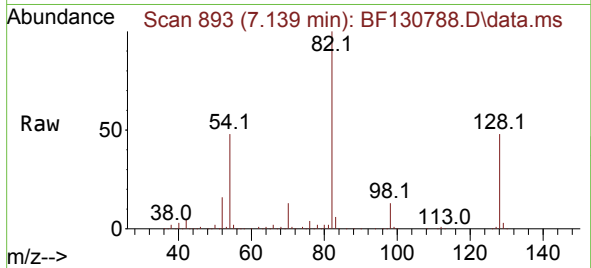




#25
Isophorone
Concen: 34.996 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.259 min
Lab File: BF130788.D
Acq: 26 Oct 2022 17:48

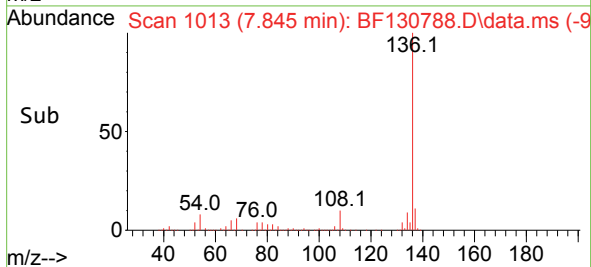
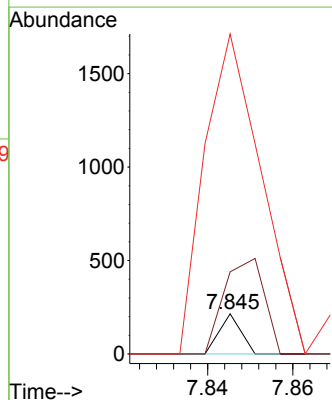
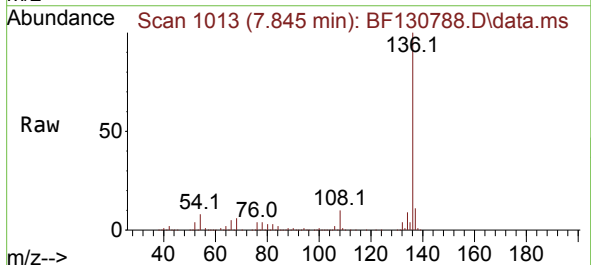
Instrument :
BNA_F
ClientSampleId :
SB-5S

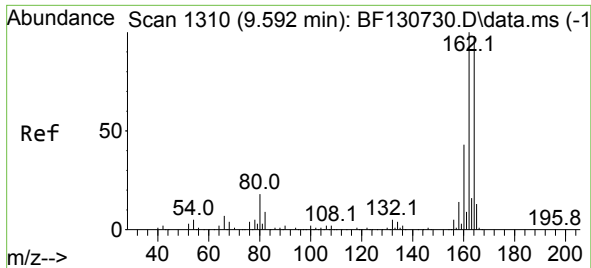
Tgt Ion: 82 Resp: 615622
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.025 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.141 min
Lab File: BF130788.D
Acq: 26 Oct 2022 17:48

Tgt Ion: 122 Resp: 76
Ion Ratio Lower Upper
122 100
105 204.2 109.2 149.2#
77 796.3 75.7 115.7#

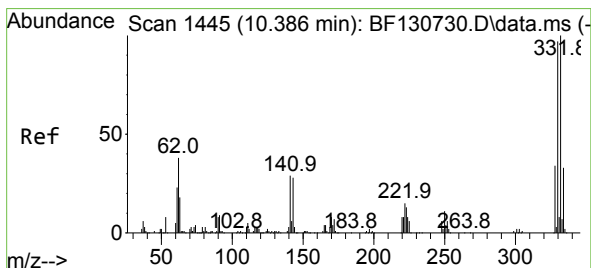
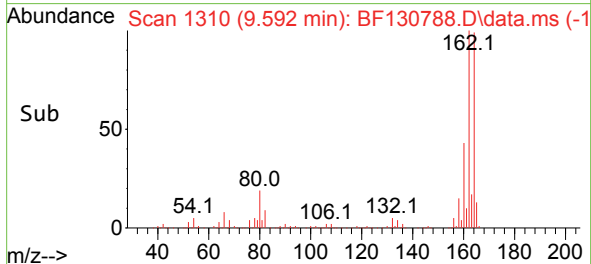
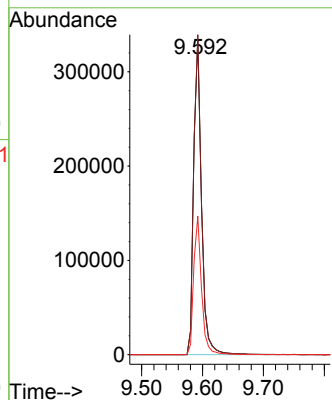
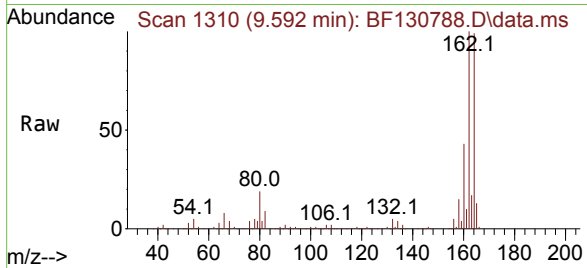




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130788.D
Acq: 26 Oct 2022 17:48

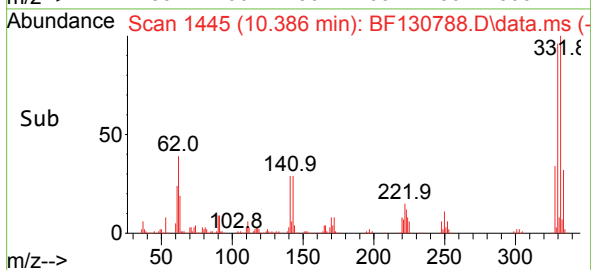
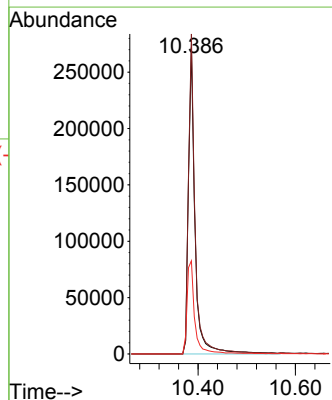
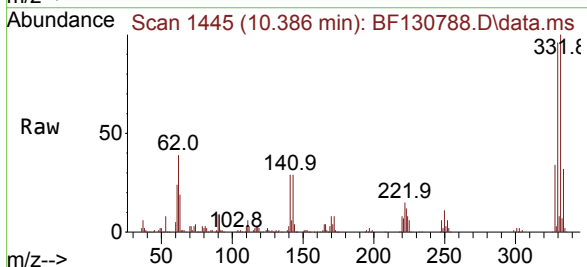
Instrument :
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ClientSampleId :
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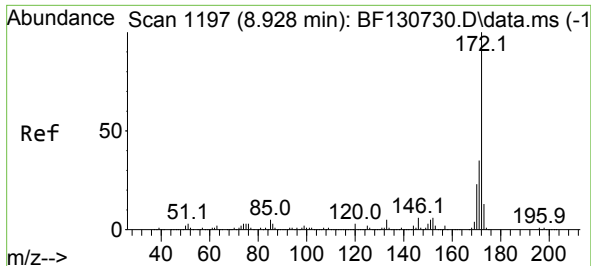
Tgt Ion:164 Resp: 299083
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 43.9 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 90.234 ng
RT: 10.386 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF130788.D
Acq: 26 Oct 2022 17:48

Tgt Ion:330 Resp: 256650
Ion Ratio Lower Upper
330 100
332 104.1 81.4 122.2
141 35.8 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 56.665 ng

RT: 8.922 min Scan# 1112095

Delta R.T. -0.000 min

Lab File: BF130788.D

Acq: 26 Oct 2022 17:48

Instrument :

BNA_F

ClientSampleId :

SB-5S

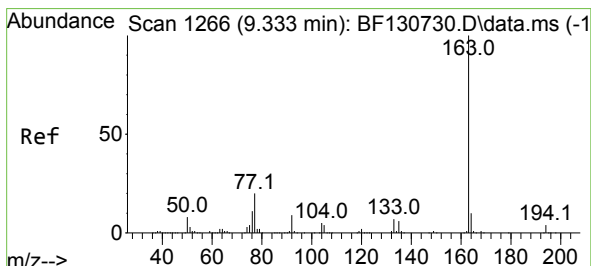
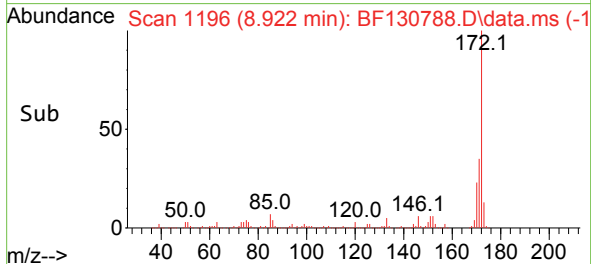
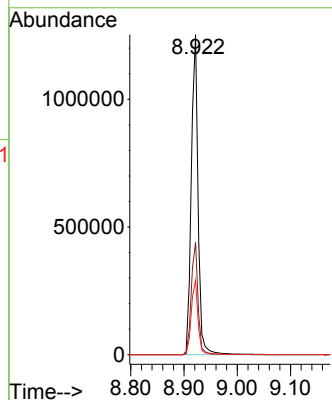
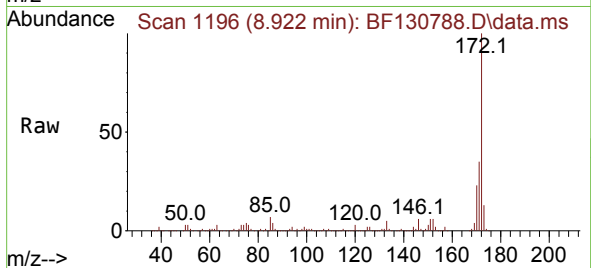
Tgt Ion:172 Resp: 1112095

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.2 18.5 27.7



#50

Dimethylphthalate

Concen: 2.676 ng

RT: 9.592 min Scan# 1310

Delta R.T. 0.259 min

Lab File: BF130788.D

Acq: 26 Oct 2022 17:48

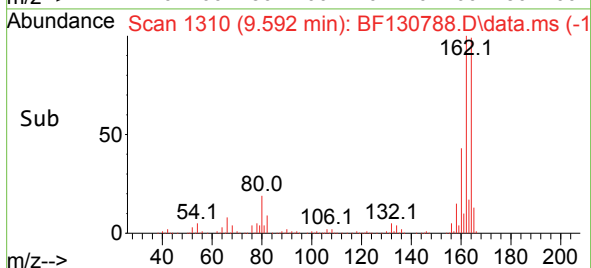
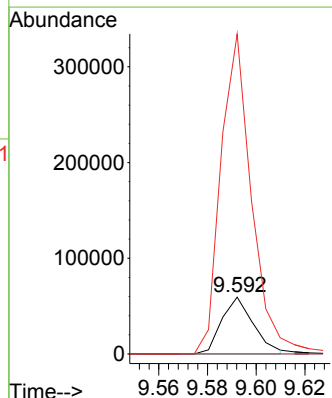
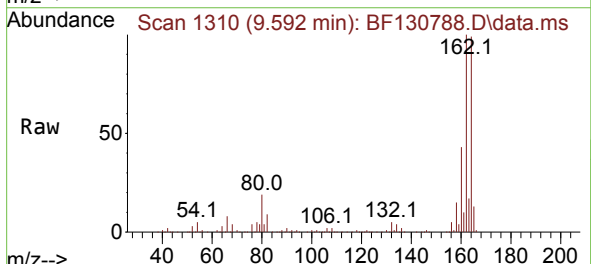
Tgt Ion:163 Resp: 53835

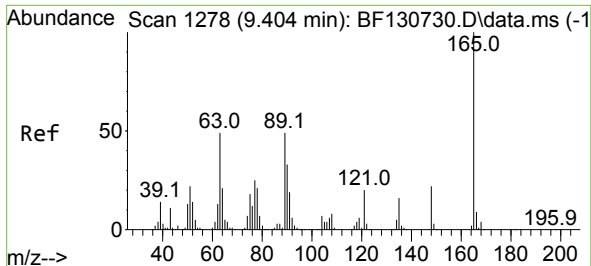
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 563.5 8.1 12.1#

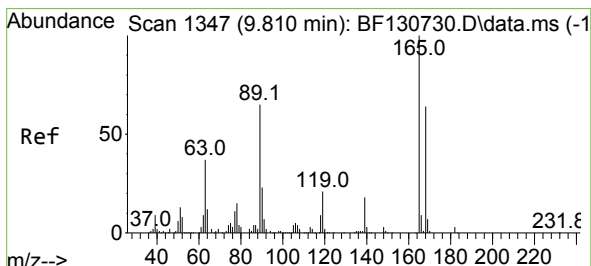
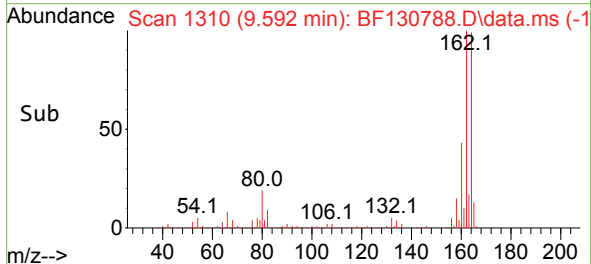
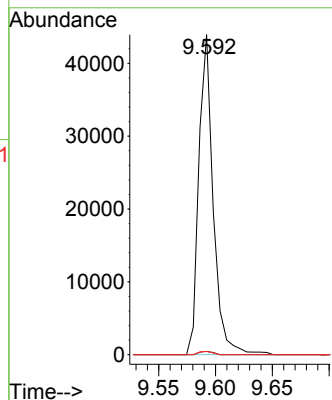
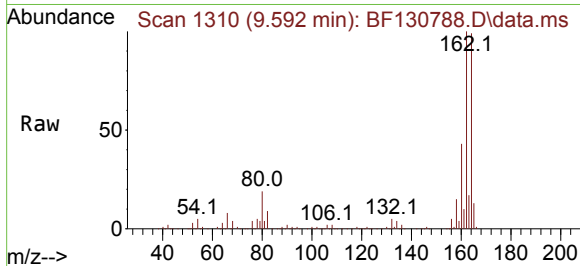




#51
2,6-Dinitrotoluene
Concen: 8.625 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF130788.D
Acq: 26 Oct 2022 17:48

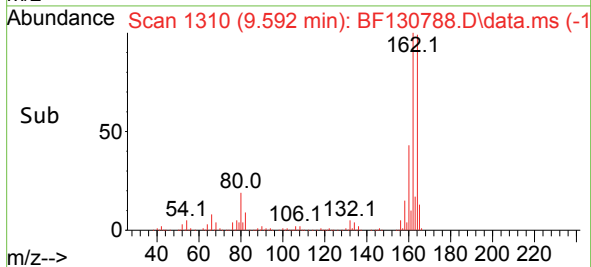
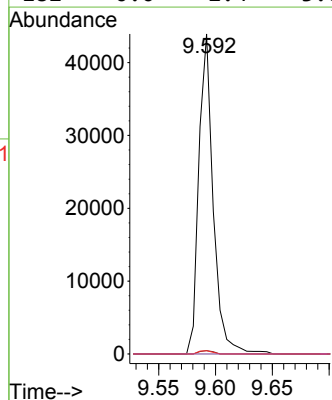
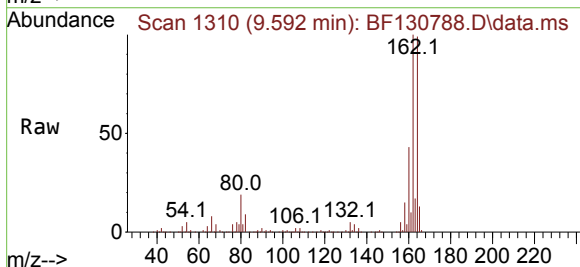
Instrument :
BNA_F
ClientSampleId :
SB-5S

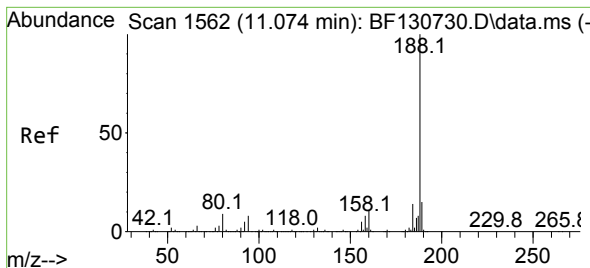
Tgt Ion:165 Resp: 38857
Ion Ratio Lower Upper
165 100
63 1.1 38.8 58.2#
89 1.0 39.4 59.2#



#57
2,4-Dinitrotoluene
Concen: 6.403 ng
RT: 9.592 min Scan# 1310
Delta R.T. -0.218 min
Lab File: BF130788.D
Acq: 26 Oct 2022 17:48

Tgt Ion:165 Resp: 38857
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.0 51.9 77.9#
182 0.0 2.4 3.6#

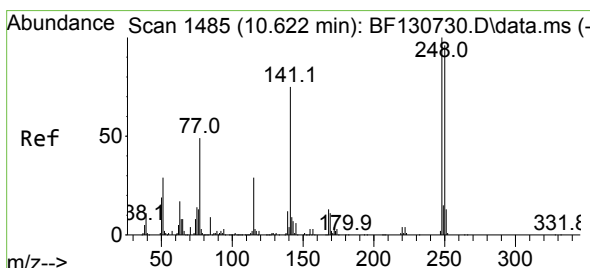
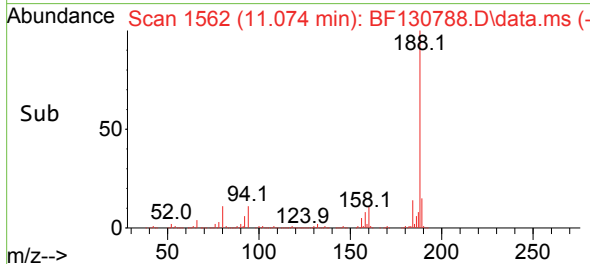
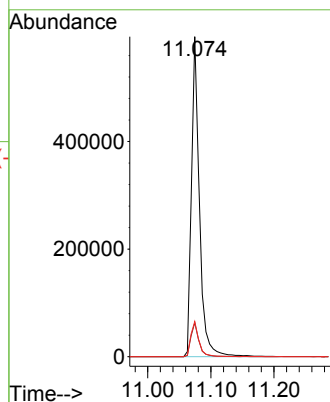
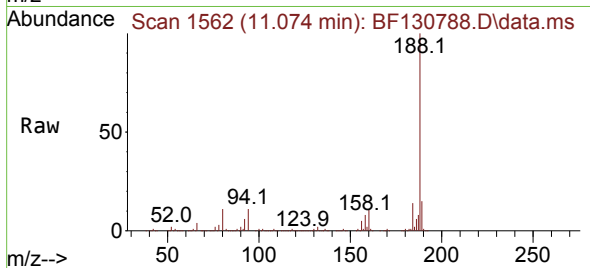




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130788.D
Acq: 26 Oct 2022 17:48

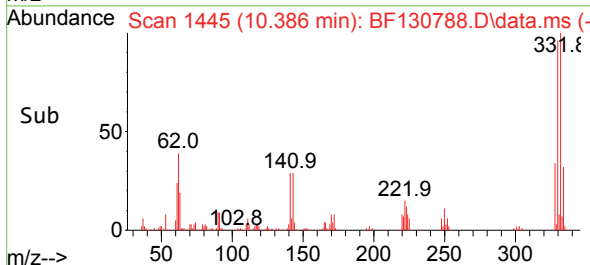
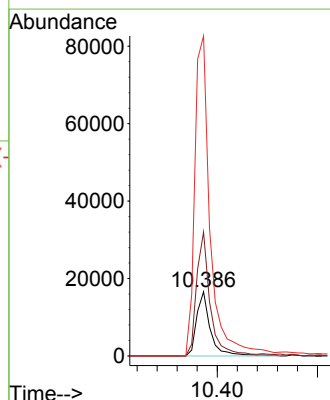
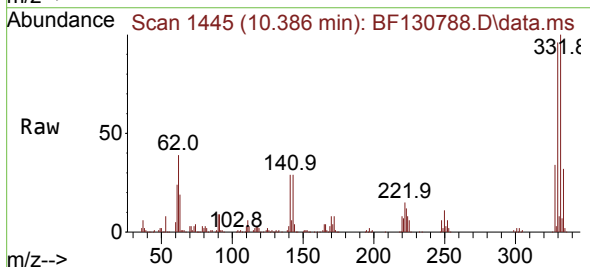
Instrument :
BNA_F
ClientSampleId :
SB-5S

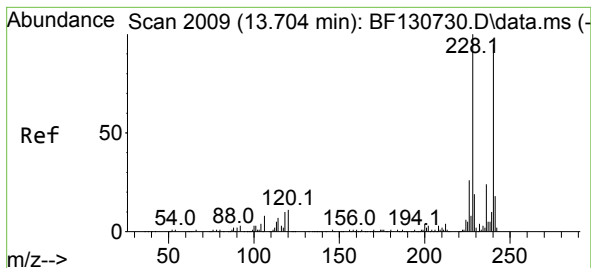
Tgt Ion:188 Resp: 523084
Ion Ratio Lower Upper
188 100
94 10.6 6.7 10.1#
80 11.0 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 2.518 ng
RT: 10.386 min Scan# 1445
Delta R.T. -0.235 min
Lab File: BF130788.D
Acq: 26 Oct 2022 17:48

Tgt Ion:248 Resp: 15845
Ion Ratio Lower Upper
248 100
250 193.3 77.0 115.6#
141 498.9 60.1 90.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.710 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF130788.D

Acq: 26 Oct 2022 17:48

Instrument :

BNA_F

ClientSampleId :

SB-5S

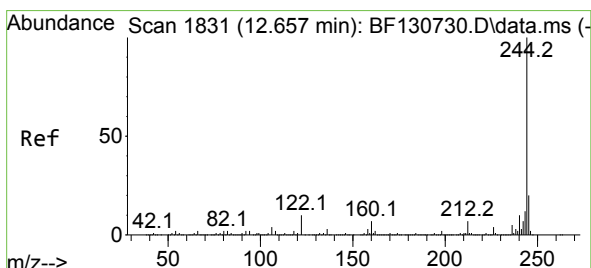
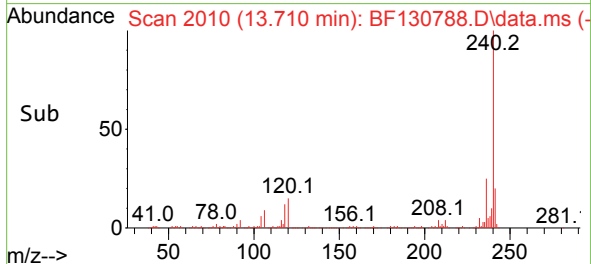
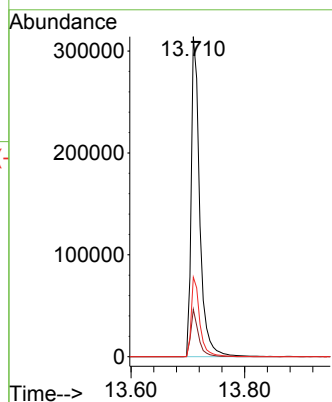
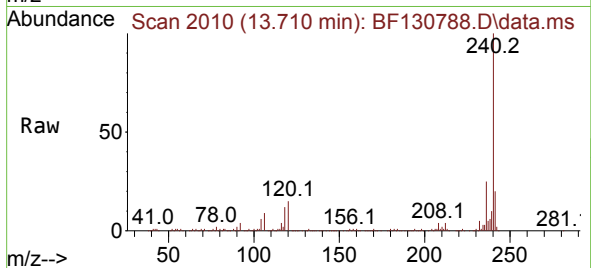
Tgt Ion:240 Resp: 327652

Ion Ratio Lower Upper

240 100

120 14.8 9.6 14.4#

236 24.9 20.2 30.2



#79

Terphenyl-d14

Concen: 59.806 ng

RT: 12.657 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF130788.D

Acq: 26 Oct 2022 17:48

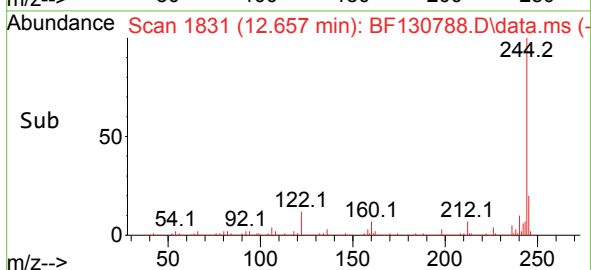
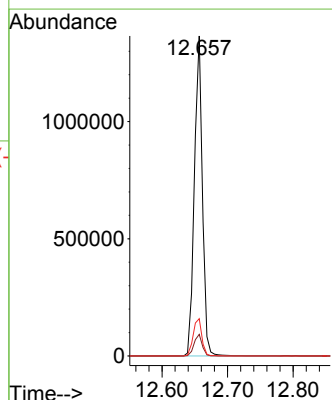
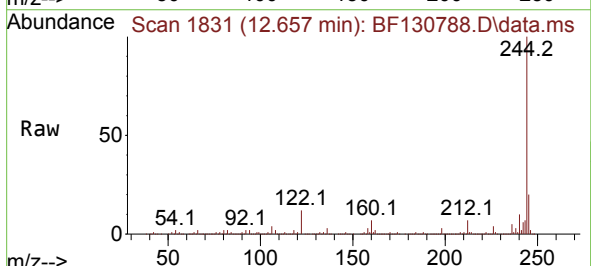
Tgt Ion:244 Resp: 1162810

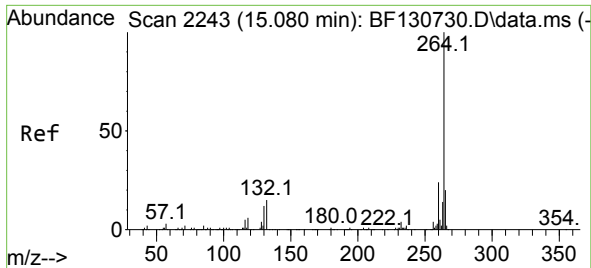
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 11.6 8.2 12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130788.D
Acq: 26 Oct 2022 17:48

Instrument :
BNA_F
ClientSampleId :
SB-5S

Tgt Ion:264 Resp: 243218
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 20.9 16.2 24.4

