

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130795.D
 Acq On : 26 Oct 2022 21:46
 Operator : CG\JU
 Sample : N5281-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Quant Time: Oct 27 09:06:43 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)

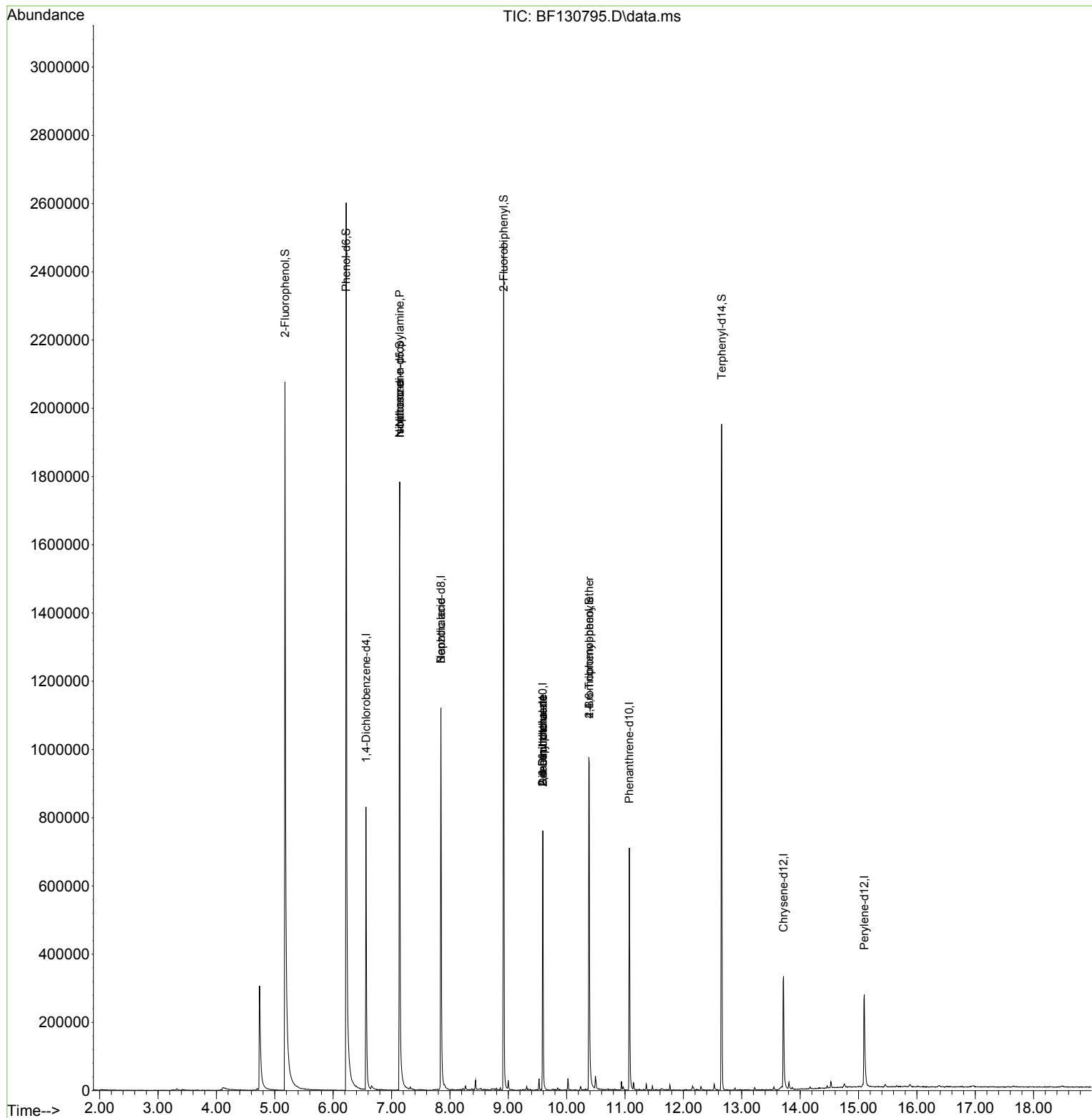
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	130231	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	535034	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	156076	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	260684	20.000	ng	0.00
76) Chrysene-d12	13.715	240	136739	20.000	ng	# 0.00
86) Perylene-d12	15.098	264	141458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	844519	111.824	ng	0.00
7) Phenol-d6	6.222	99	1087652	119.031	ng	0.00
23) Nitrobenzene-d5	7.139	82	650891	64.535	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	146758	98.875	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	728933	71.173	ng	0.00
79) Terphenyl-d14	12.657	244	655763	80.817	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.139	70	82693	13.393	ng	# 75
25) Isophorone	7.139	82	650891	39.169	ng	# 65
32) Benzoic acid	7.845	122	65	6.023	ng	# 1
50) Dimethylphthalate	9.592	163	28310	2.697	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	19755	8.403	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	19755	6.238	ng	# 27
67) 4-Bromophenyl-phenylether	10.386	248	9003	2.871	ng	# 1
77) Benzidine	12.657	184	8993	Below Cal		# 91

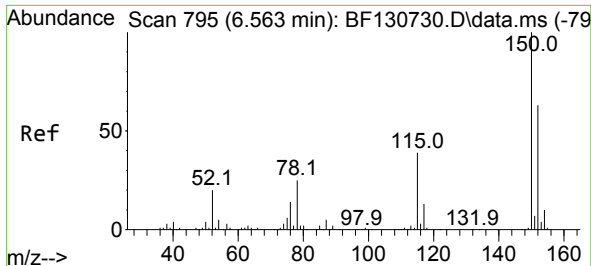
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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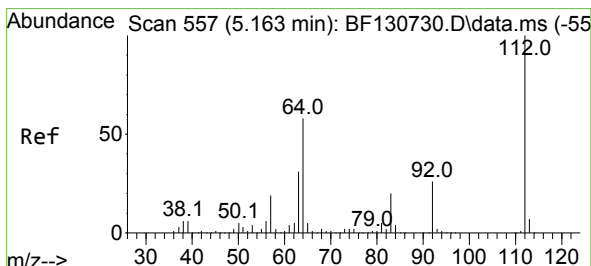
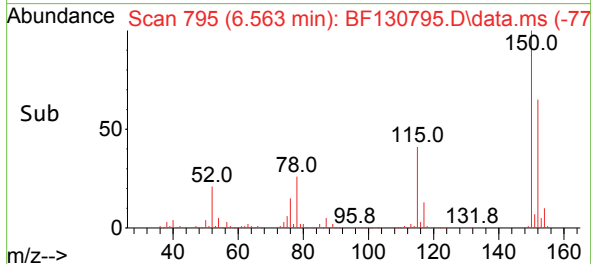
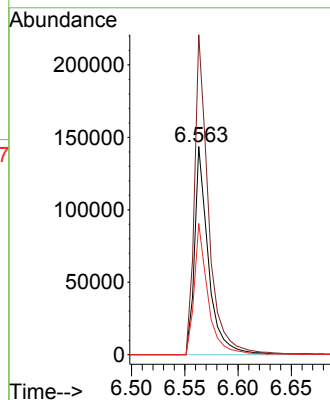
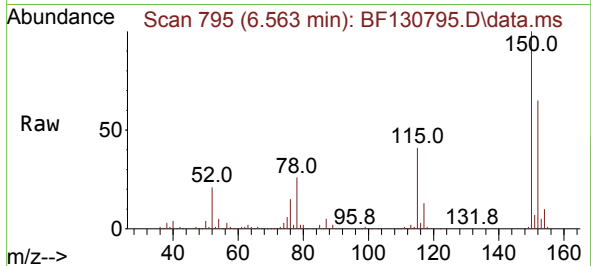




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

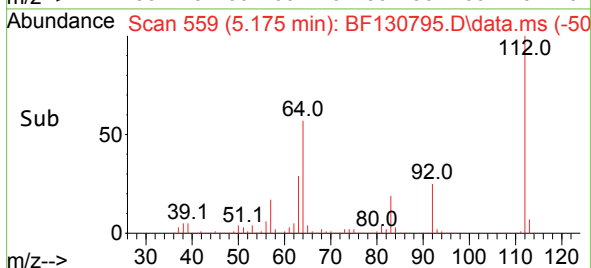
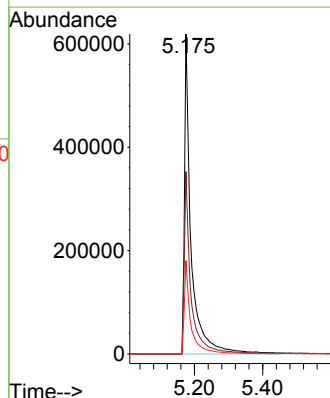
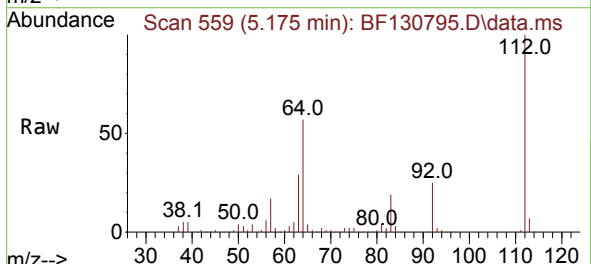
Instrument :
BNA_F
ClientSampleId :
SB-6

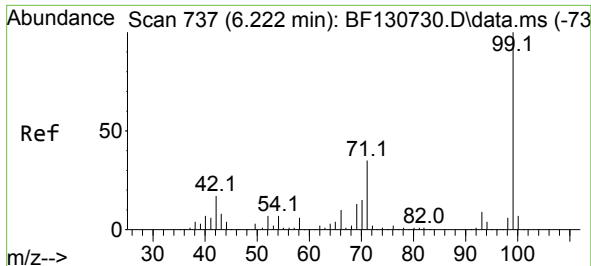
Tgt Ion:152 Resp: 130231
Ion Ratio Lower Upper
152 100
150 153.8 127.0 190.6
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 111.824 ng
RT: 5.175 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

Tgt Ion:112 Resp: 844519
Ion Ratio Lower Upper
112 100
64 57.0 46.2 69.4
63 29.2 25.1 37.7



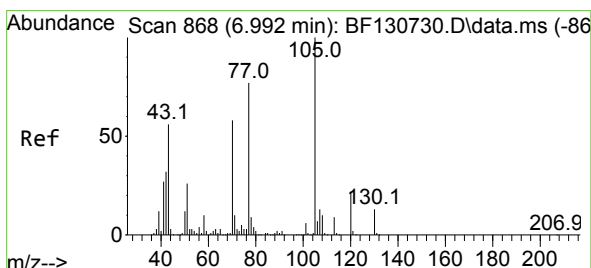
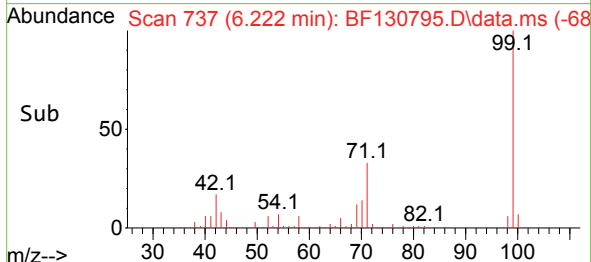
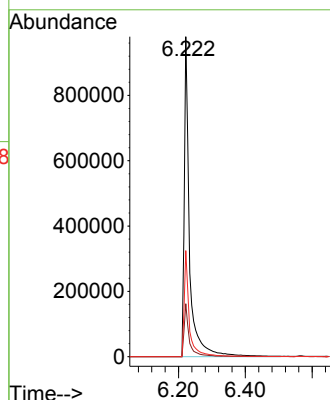
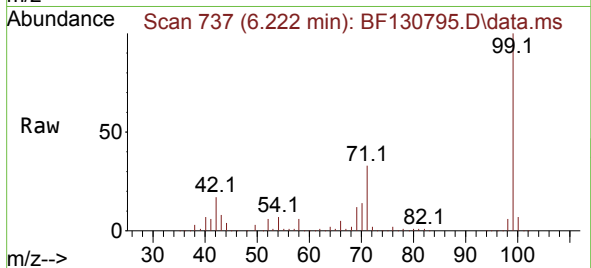


#7
Phenol-d6
Concen: 119.031 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

Instrument :
BNA_F
ClientSampleId :
SB-6

Tgt Ion: 99 Resp: 1087652

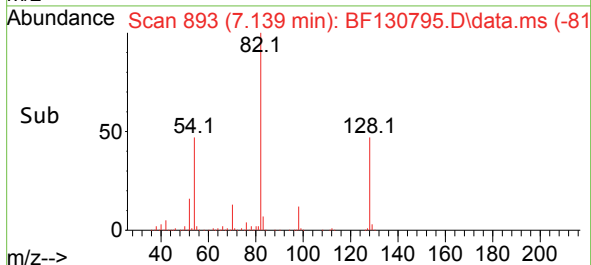
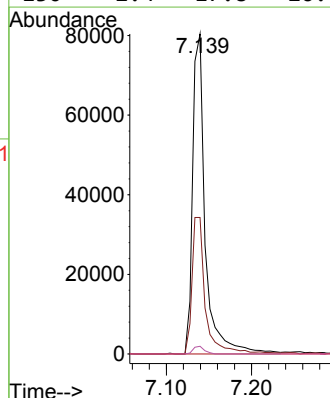
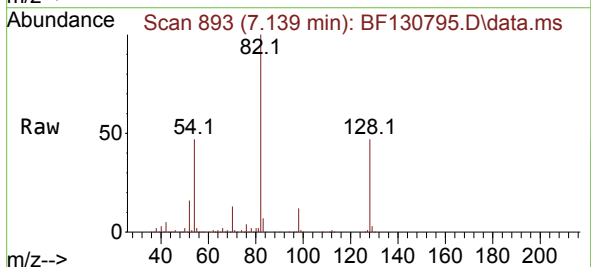
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.8
71	33.2	28.3	42.5

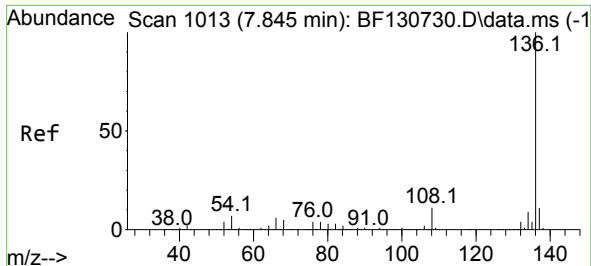


#19
n-Nitroso-di-n-propylamine
Concen: 13.393 ng
RT: 7.139 min Scan# 893
Delta R.T. 0.147 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

Tgt Ion: 70 Resp: 82693

Ion	Ratio	Lower	Upper
70	100		
42	42.7	44.1	66.1#
101	0.0	8.3	12.5#
130	2.4	17.8	26.6#



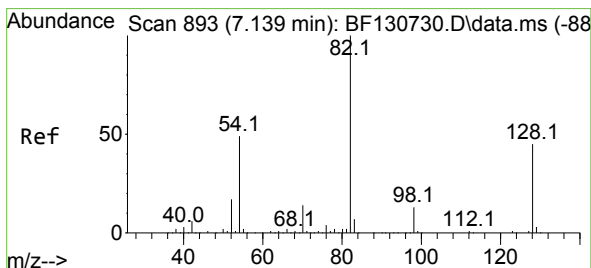
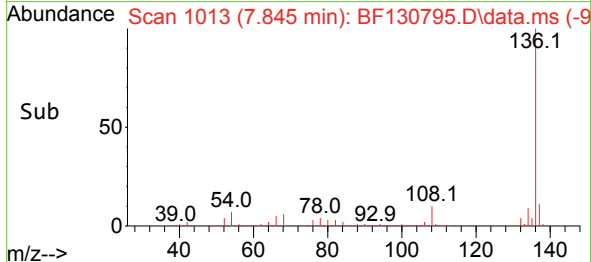
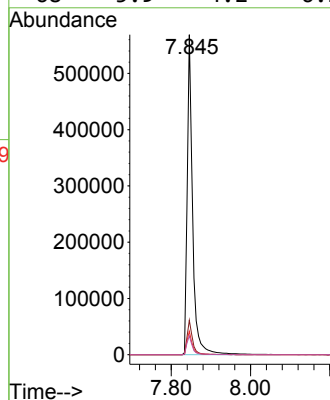
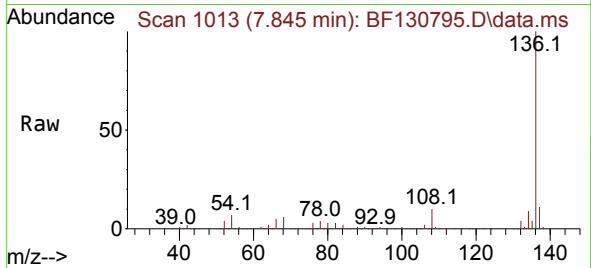


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

Instrument :
BNA_F
ClientSampleId :
SB-6

Tgt Ion:136 Resp: 535034

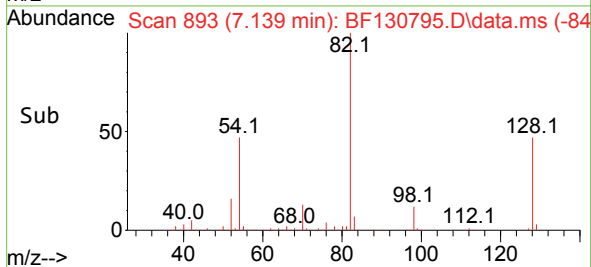
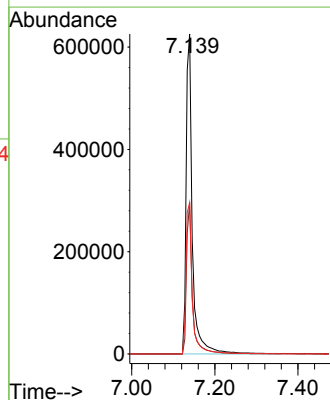
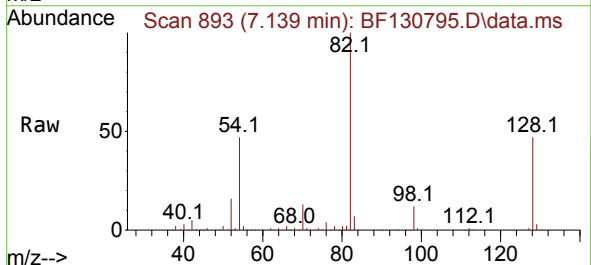
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	7.3	5.8	8.8
68	5.9	4.2	6.2

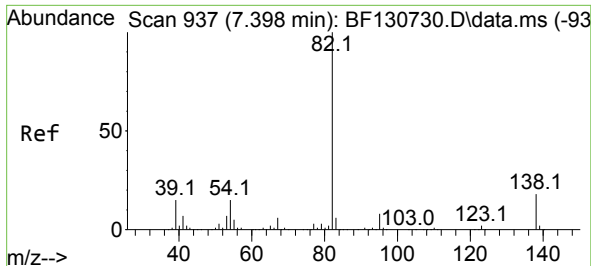


#23
Nitrobenzene-d5
Concen: 64.535 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

Tgt Ion: 82 Resp: 650891

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.9	53.9
54	47.4	39.2	58.8

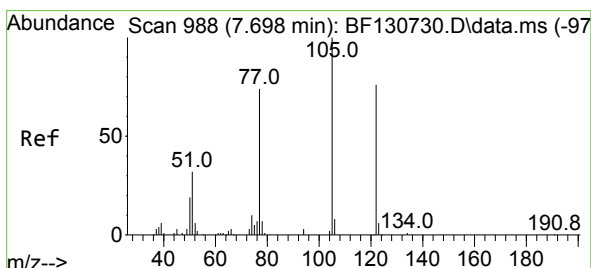
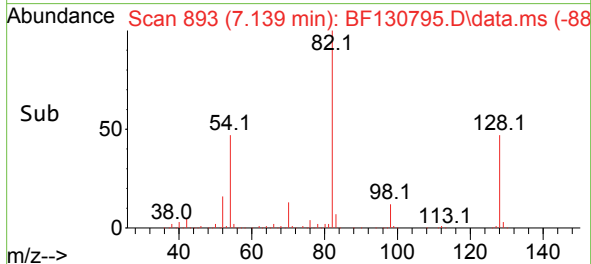
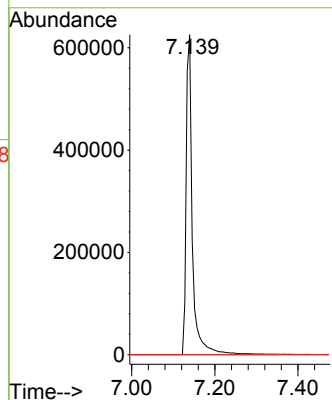
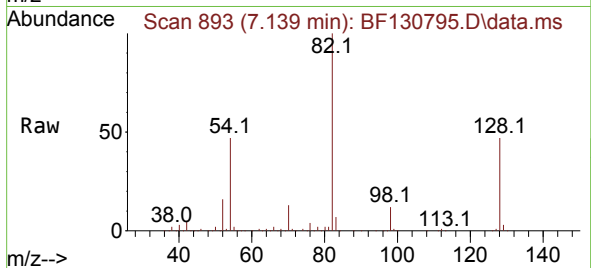




#25
Isophorone
Concen: 39.169 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.259 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

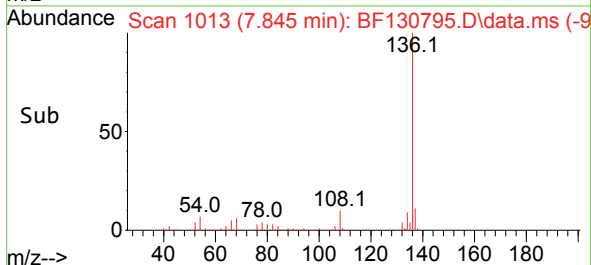
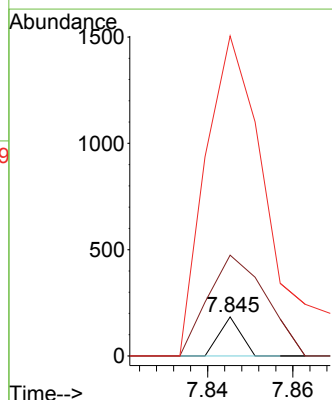
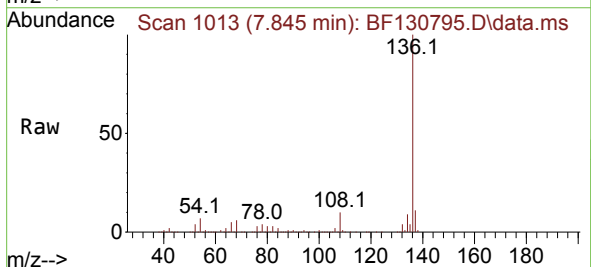
Instrument :
BNA_F
ClientSampleId :
SB-6

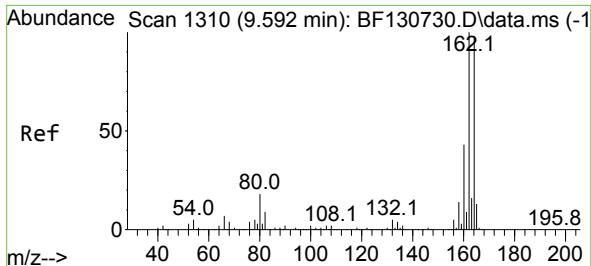
Tgt Ion: 82 Resp: 650891
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.023 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.141 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 257.6 109.2 149.2#
77 817.9 75.7 115.7#

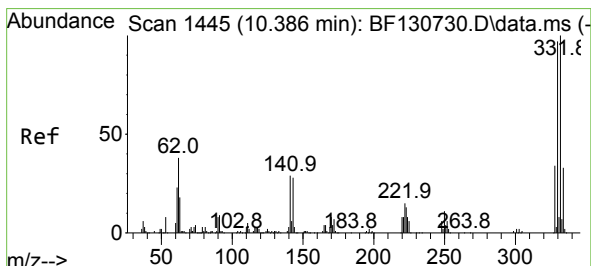
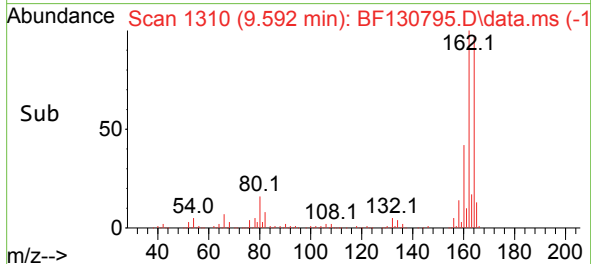
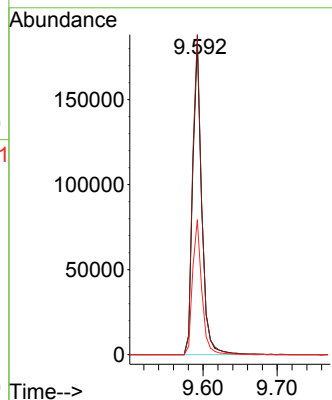
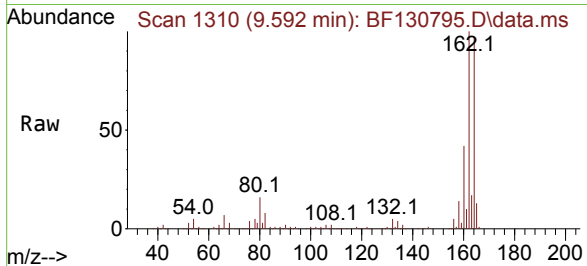




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

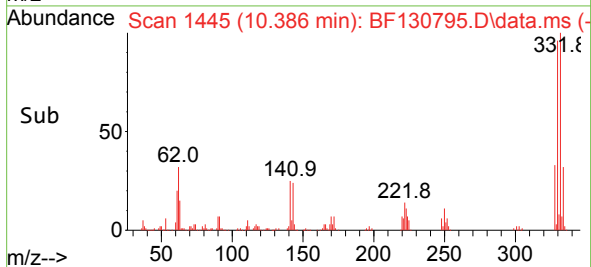
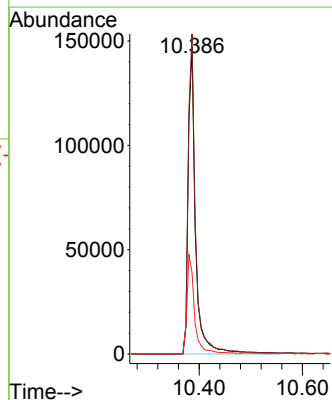
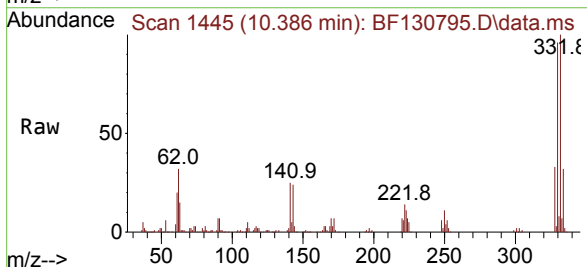
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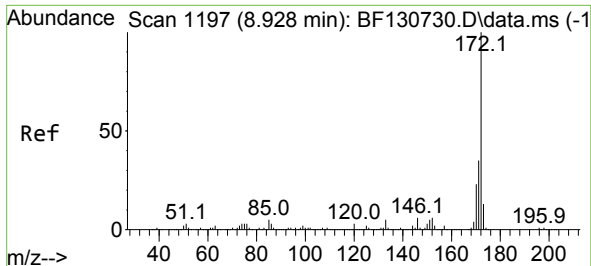
Tgt Ion:164 Resp: 156076
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 43.4 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 98.875 ng
RT: 10.386 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

Tgt Ion:330 Resp: 146758
Ion Ratio Lower Upper
330 100
332 103.0 81.4 122.2
141 33.0 24.6 37.0

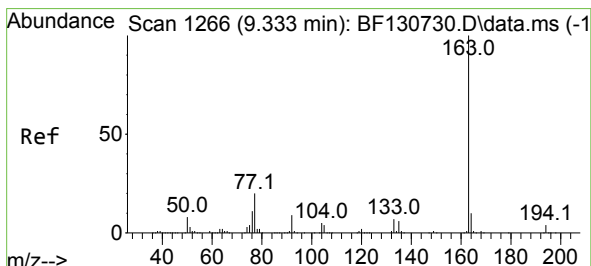
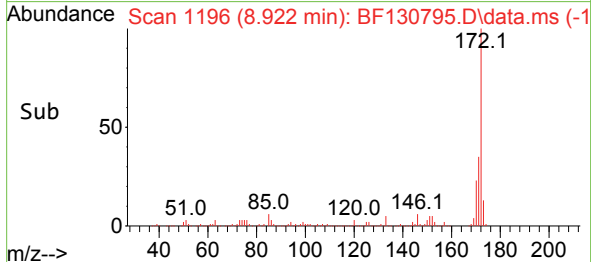
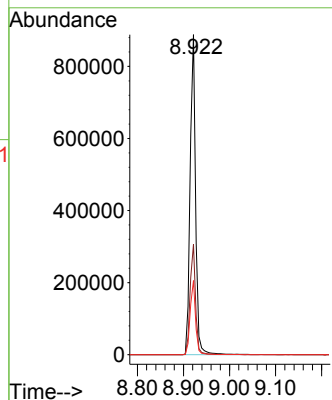
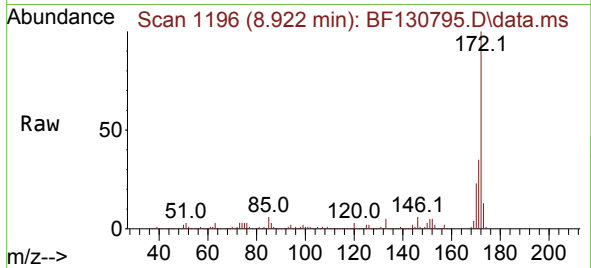




#45
2-Fluorobiphenyl
Concen: 71.173 ng
RT: 8.922 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

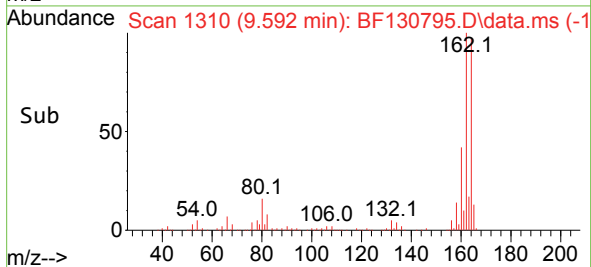
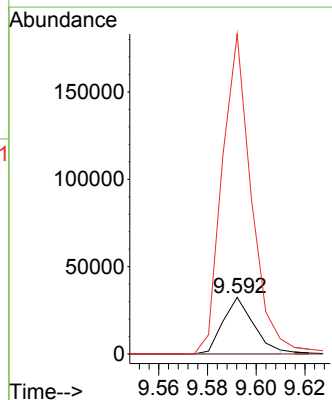
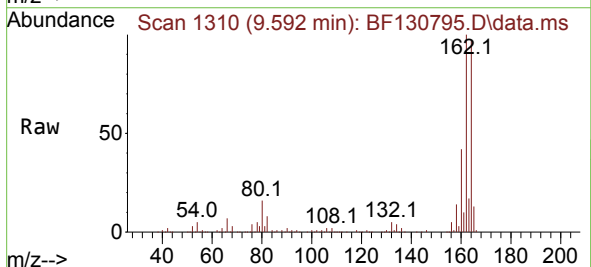
Instrument :
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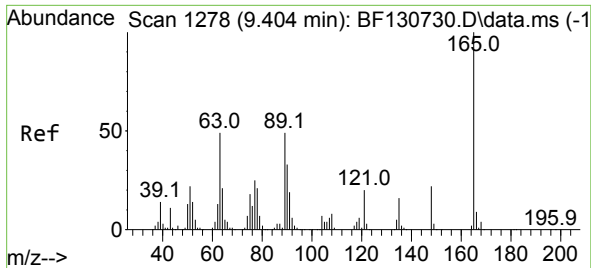
Tgt Ion:172 Resp: 728933
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.2 18.5 27.7



#50
Dimethylphthalate
Concen: 2.697 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

Tgt Ion:163 Resp: 28310
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 565.7 8.1 12.1#

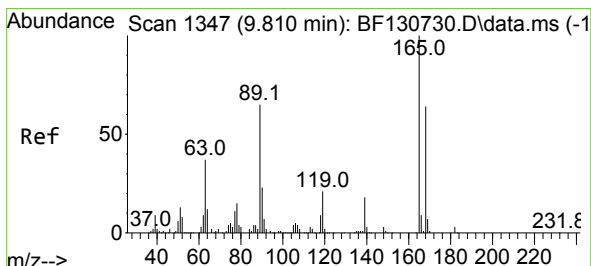
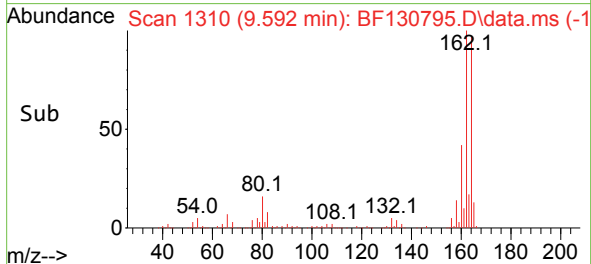
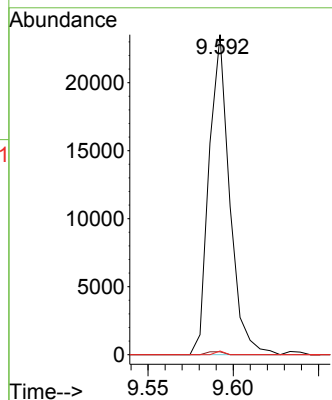
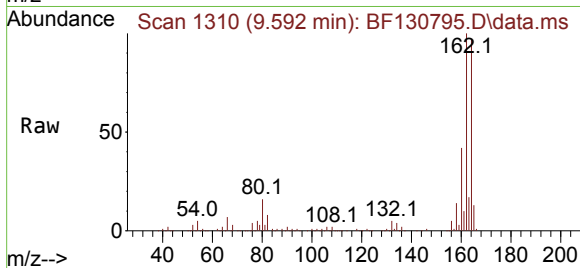




#51
2,6-Dinitrotoluene
Concen: 8.403 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.188 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

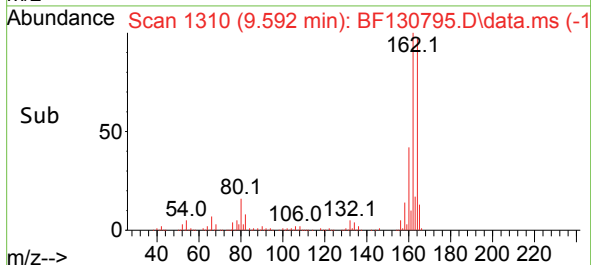
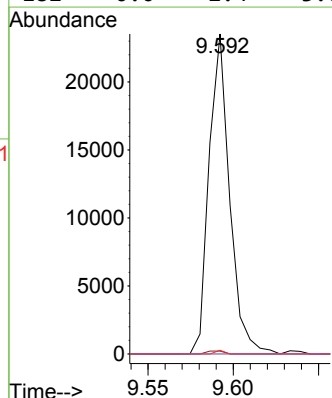
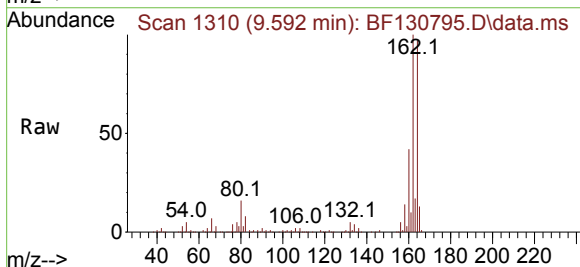
Instrument :
BNA_F
ClientSampleId :
SB-6

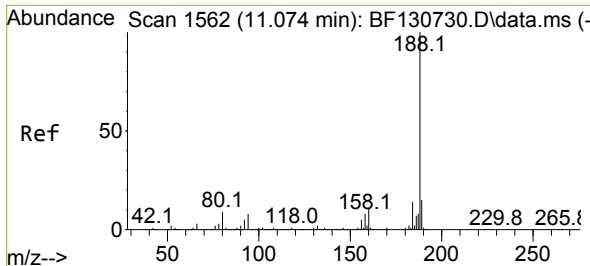
Tgt Ion:165 Resp: 19755
Ion Ratio Lower Upper
165 100
63 0.9 38.8 58.2#
89 1.1 39.4 59.2#



#57
2,4-Dinitrotoluene
Concen: 6.238 ng
RT: 9.592 min Scan# 1310
Delta R.T. -0.218 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

Tgt Ion:165 Resp: 19755
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.1 51.9 77.9#
182 0.0 2.4 3.6#

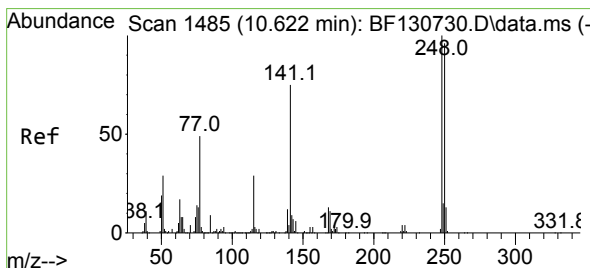
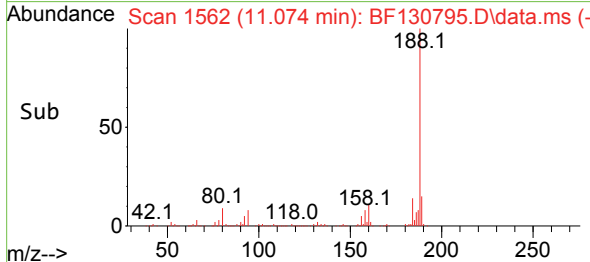
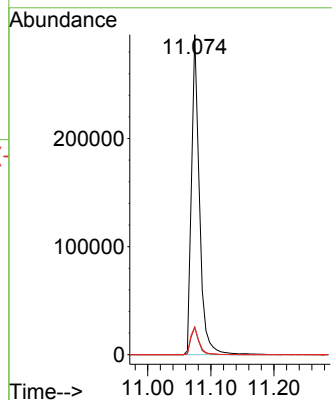
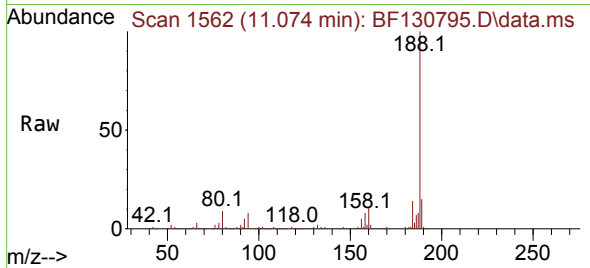




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

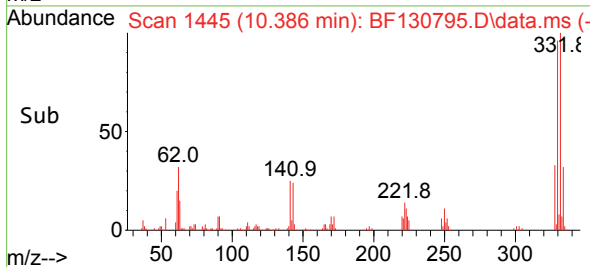
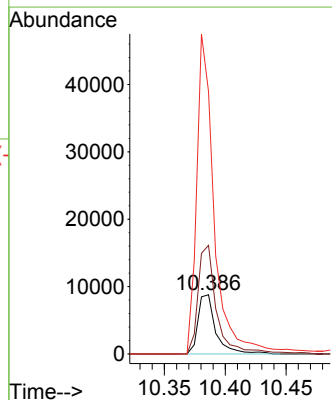
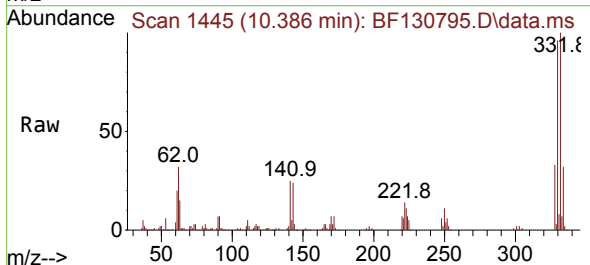
Instrument :
BNA_F
ClientSampleId :
SB-6

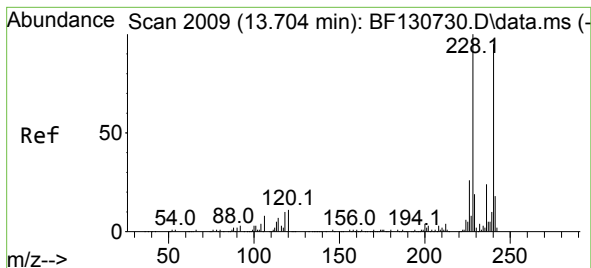
Tgt Ion:188 Resp: 260684
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 8.7 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 2.871 ng
RT: 10.386 min Scan# 1445
Delta R.T. -0.235 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

Tgt Ion:248 Resp: 9003
Ion Ratio Lower Upper
248 100
250 183.4 77.0 115.6#
141 443.0 60.1 90.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.715 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF130795.D

Acq: 26 Oct 2022 21:46

Instrument :

BNA_F

ClientSampleId :

SB-6

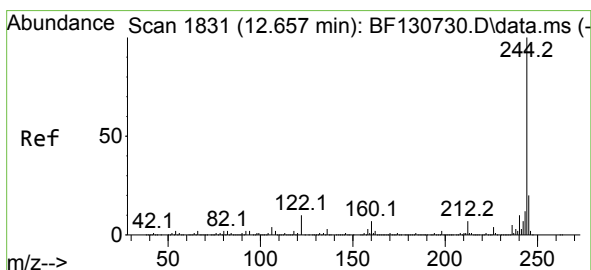
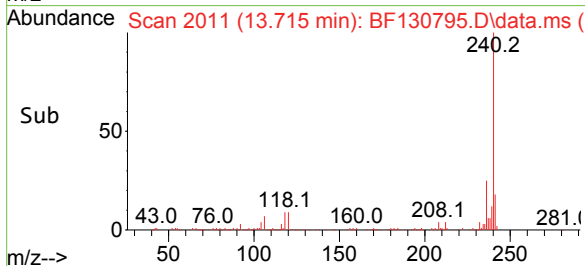
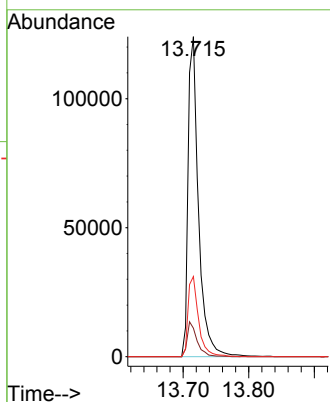
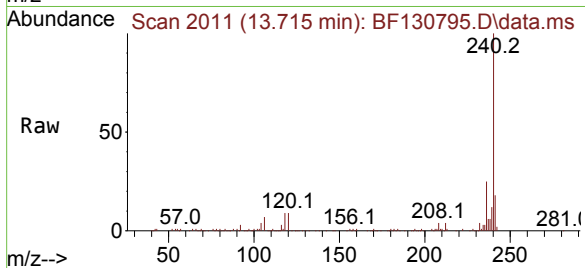
Tgt Ion:240 Resp: 136739

Ion Ratio Lower Upper

240 100

120 8.9 9.6 14.4#

236 25.0 20.2 30.2



#79

Terphenyl-d14

Concen: 80.817 ng

RT: 12.657 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF130795.D

Acq: 26 Oct 2022 21:46

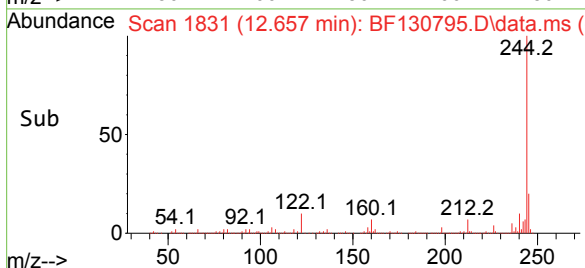
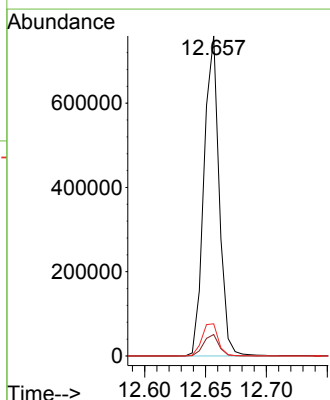
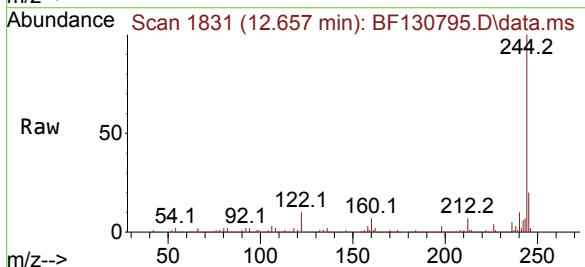
Tgt Ion:244 Resp: 655763

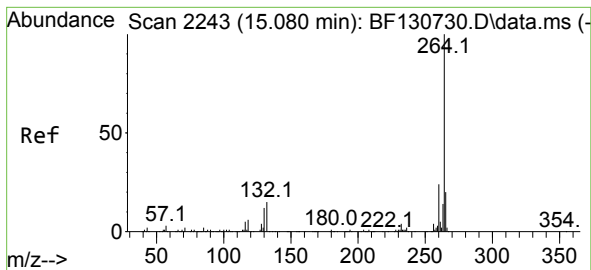
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

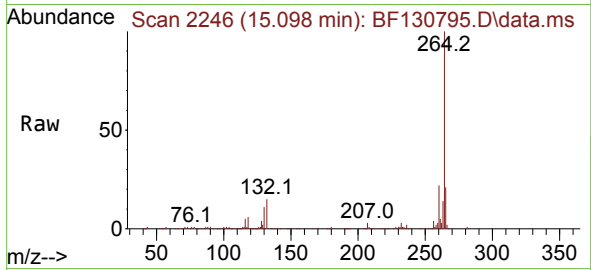
122 10.0 8.2 12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

Instrument :
BNA_F
ClientSampleId :
SB-6



Tgt Ion:264 Resp: 141458
Ion Ratio Lower Upper
264 100
260 21.5 18.8 28.2
265 20.7 16.2 24.4

