

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130794.D
 Acq On : 26 Oct 2022 21:13
 Operator : CG\JU
 Sample : N5281-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11

Quant Time: Oct 27 09:06:23 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)

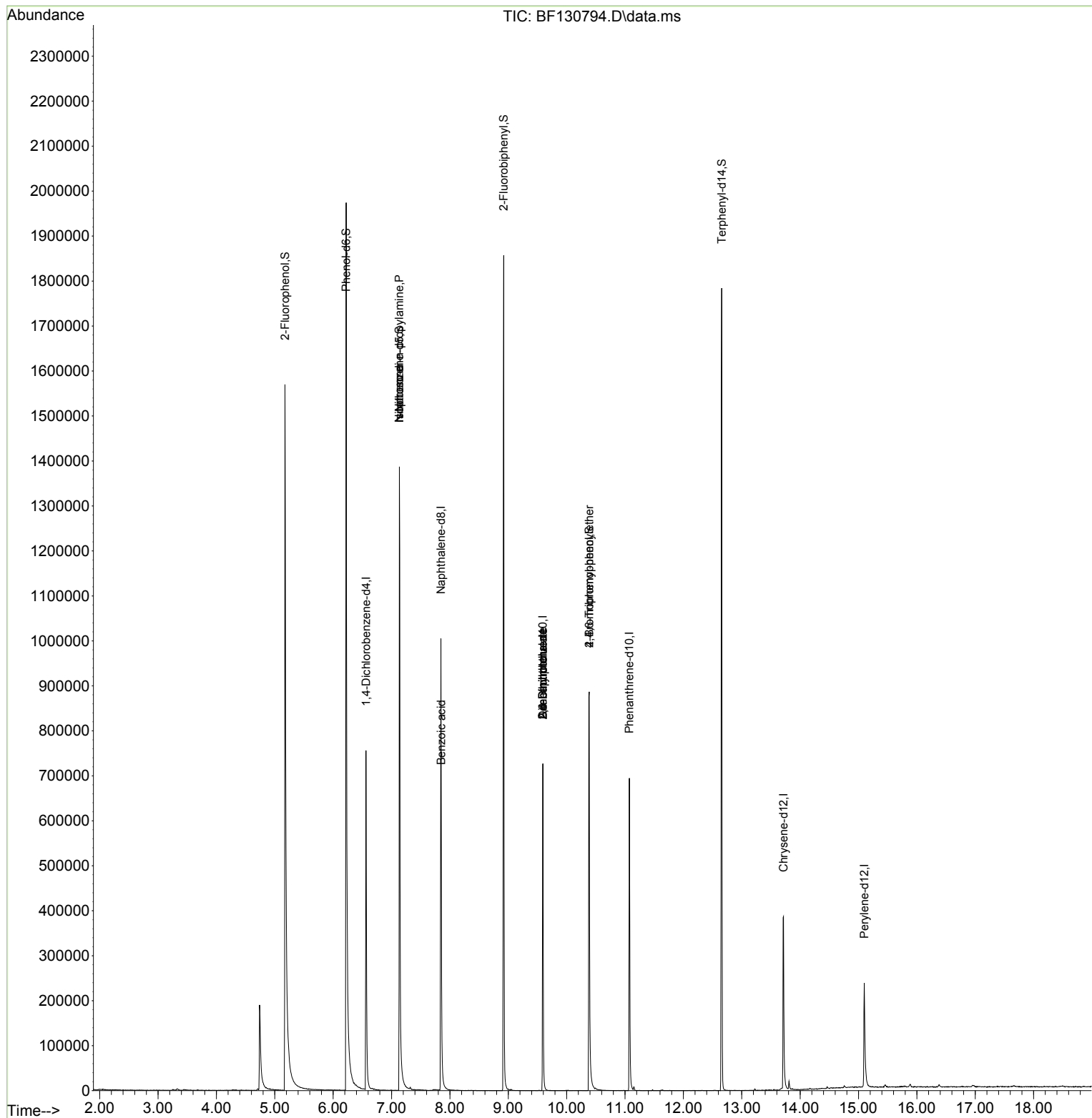
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	120817	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	483444	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	146612	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	257571	20.000	ng	0.00
76) Chrysene-d12	13.716	240	161887	20.000	ng	0.00
86) Perylene-d12	15.098	264	123465	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	714860	102.031	ng	0.00
7) Phenol-d6	6.222	99	887417	104.685	ng	0.00
23) Nitrobenzene-d5	7.134	82	515753	56.593	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	137271	98.453	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	563773	58.600	ng	0.00
79) Terphenyl-d14	12.657	244	610404	63.541	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.134	70	65952	11.514	ng	# 77
25) Isophorone	7.134	82	515753	34.348	ng	# 65
32) Benzoic acid	7.851	122	59	6.023	ng	# 1
50) Dimethylphthalate	9.592	163	25935	2.630	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	18328	8.299	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	18328	6.161	ng	# 27
67) 4-Bromophenyl-phenylether	10.386	248	7993	2.580	ng	# 1
77) Benzidine	12.657	184	8213	Below Cal		# 93

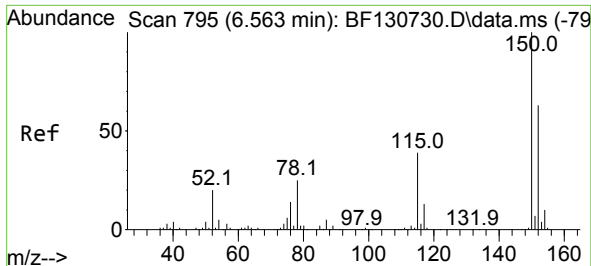
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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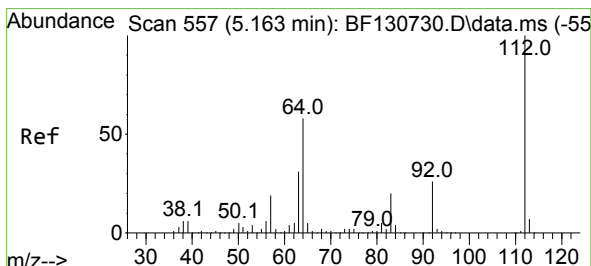
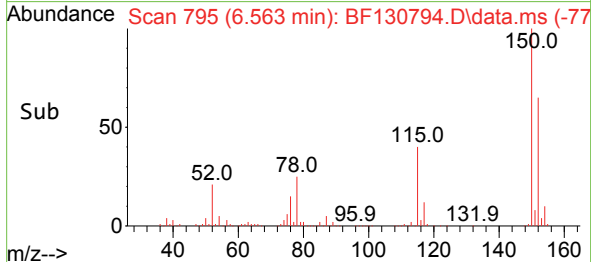
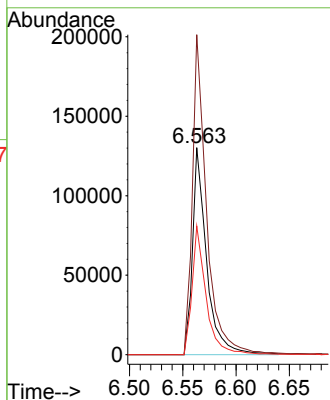
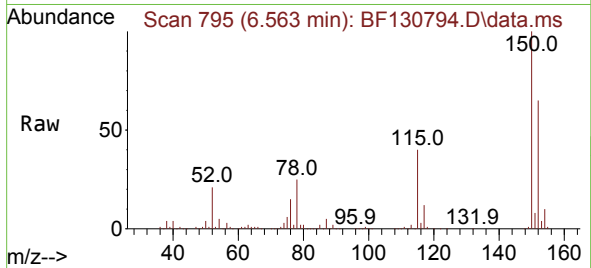




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130794.D
Acq: 26 Oct 2022 21:13

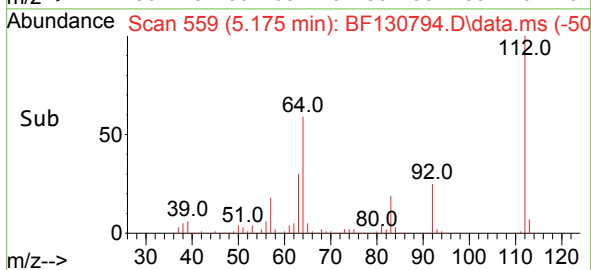
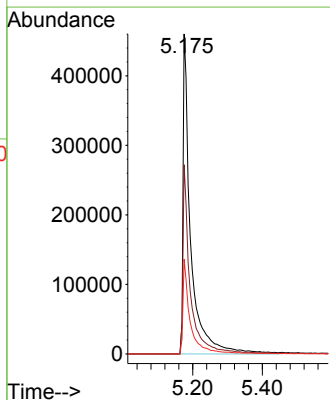
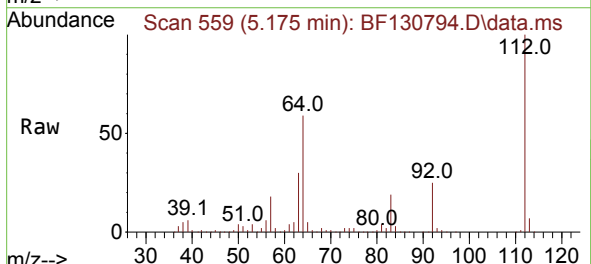
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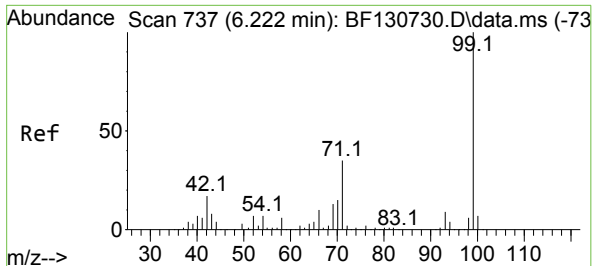
Tgt Ion:152 Resp: 120817
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 62.1 49.9 74.9



#5
2-Fluorophenol
Concen: 102.031 ng
RT: 5.175 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF130794.D
Acq: 26 Oct 2022 21:13

Tgt Ion:112 Resp: 714860
Ion Ratio Lower Upper
112 100
64 59.1 46.2 69.4
63 29.6 25.1 37.7

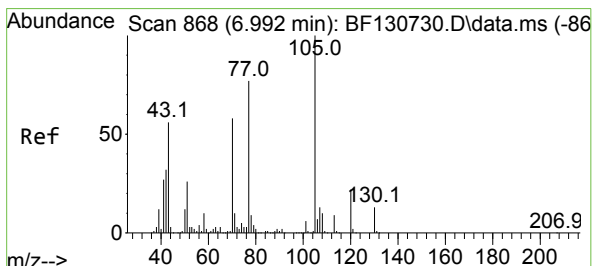
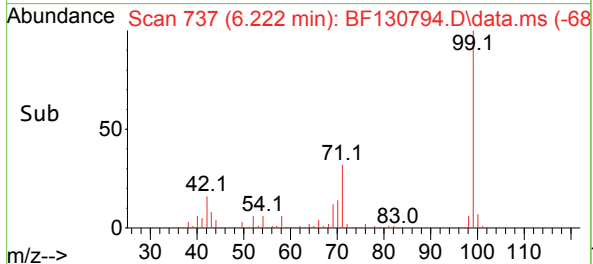
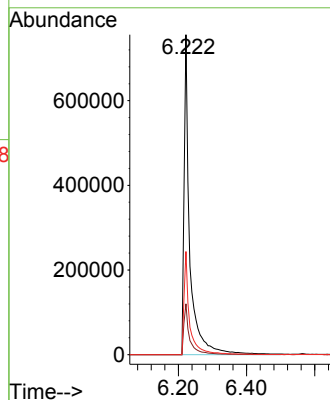
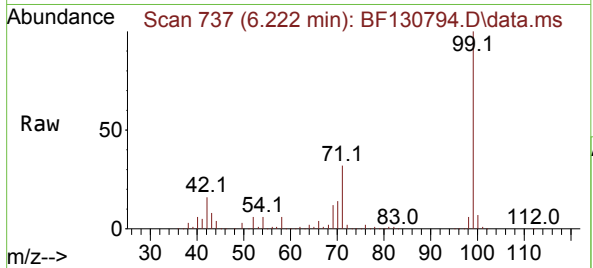




#7
Phenol-d6
Concen: 104.685 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130794.D
Acq: 26 Oct 2022 21:13

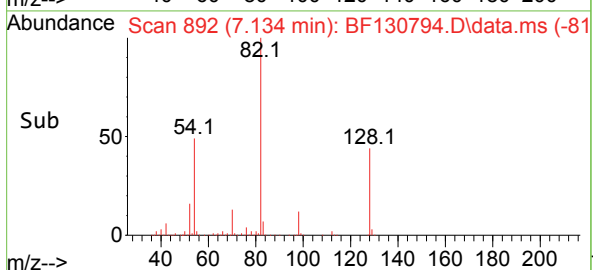
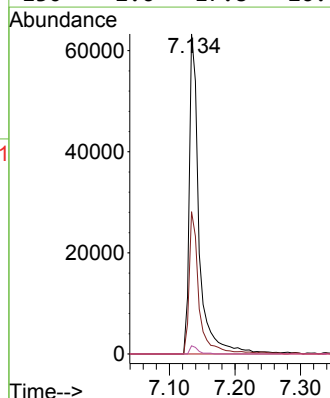
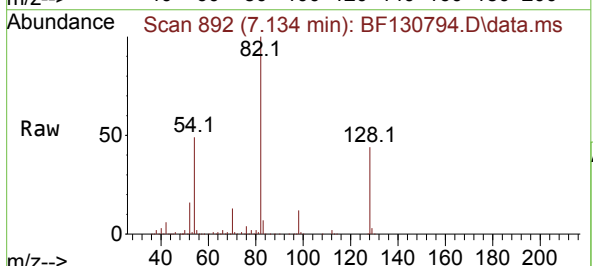
Instrument :
BNA_F
ClientSampleId :
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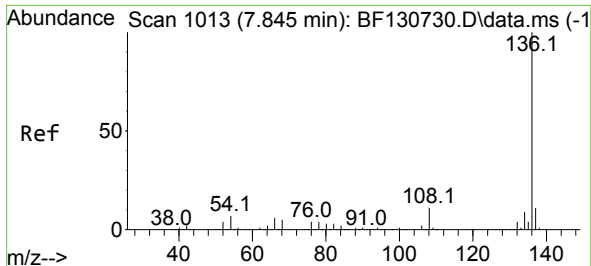
Tgt Ion: 99 Resp: 887417
Ion Ratio Lower Upper
99 100
42 15.9 13.8 20.8
71 32.3 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.514 ng
RT: 7.134 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130794.D
Acq: 26 Oct 2022 21:13

Tgt Ion: 70 Resp: 65952
Ion Ratio Lower Upper
70 100
42 44.5 44.1 66.1
101 0.0 8.3 12.5#
130 2.6 17.8 26.6#

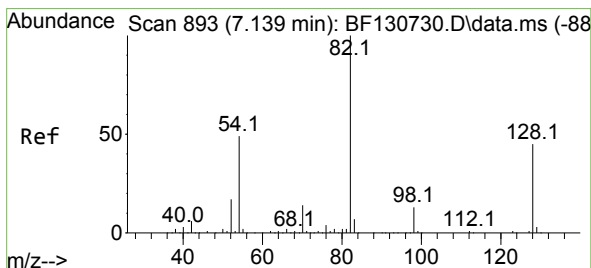
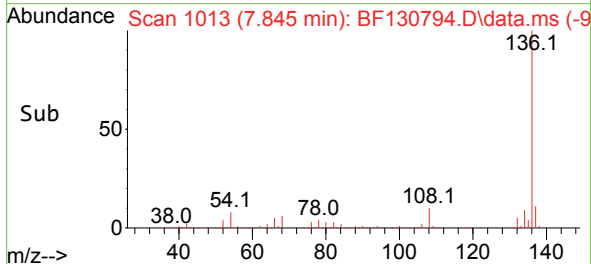
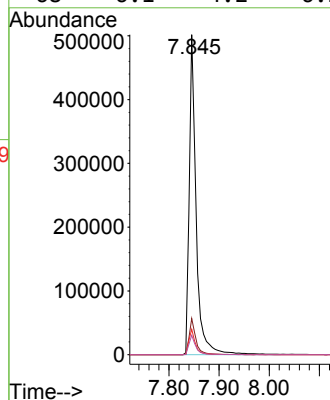
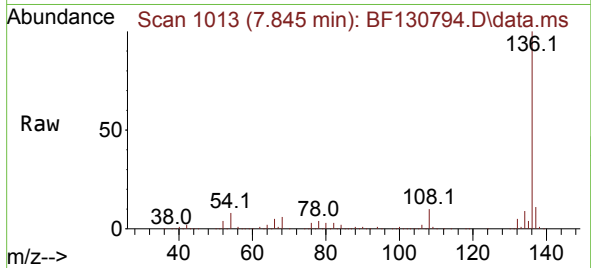




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130794.D
Acq: 26 Oct 2022 21:13

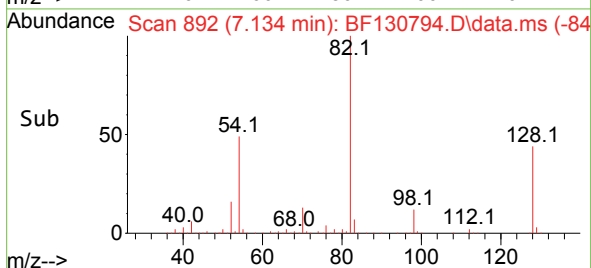
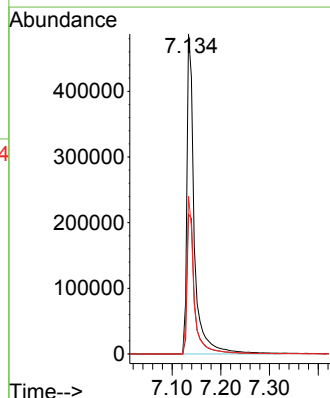
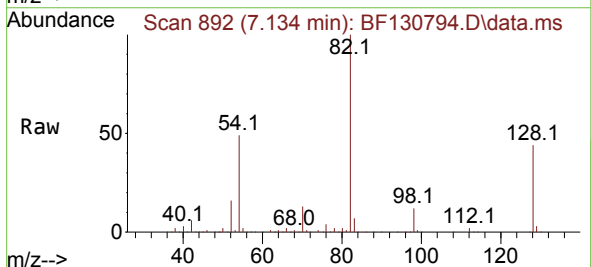
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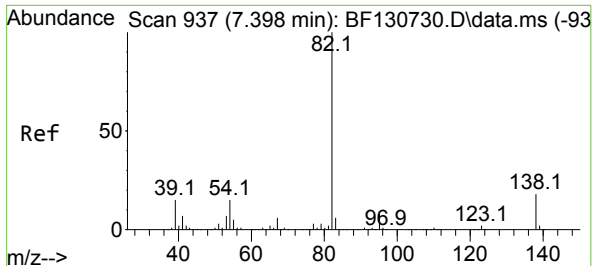
Tgt Ion:136 Resp: 483444
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.9 5.8 8.8
68 6.1 4.2 6.2



#23
Nitrobenzene-d5
Concen: 56.593 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF130794.D
Acq: 26 Oct 2022 21:13

Tgt Ion: 82 Resp: 515753
Ion Ratio Lower Upper
82 100
128 43.6 35.9 53.9
54 49.2 39.2 58.8

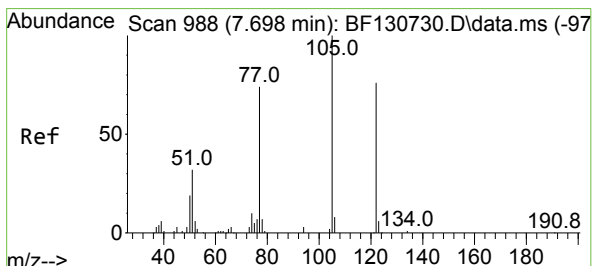
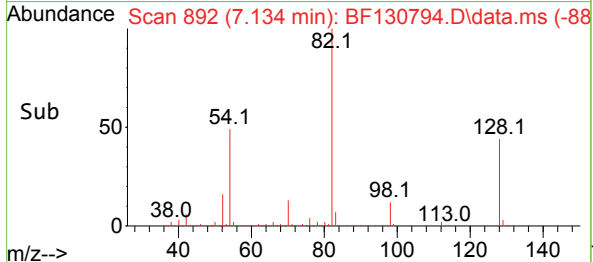
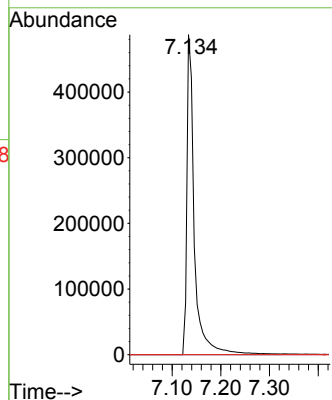
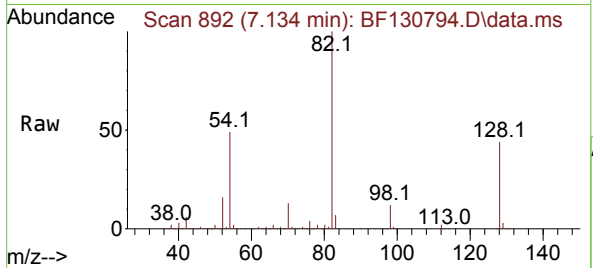




#25
Isophorone
Concen: 34.348 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF130794.D
Acq: 26 Oct 2022 21:13

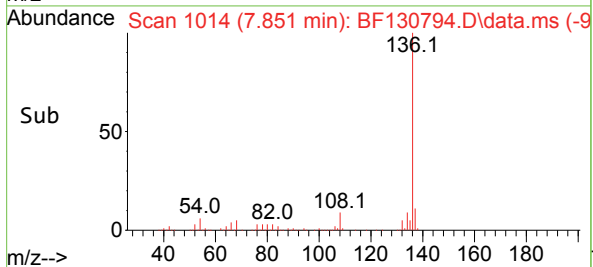
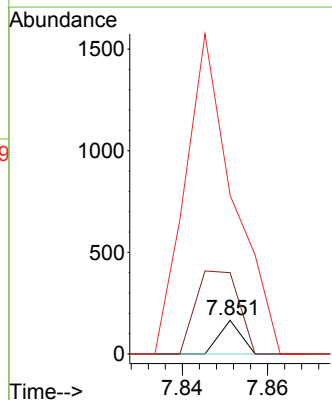
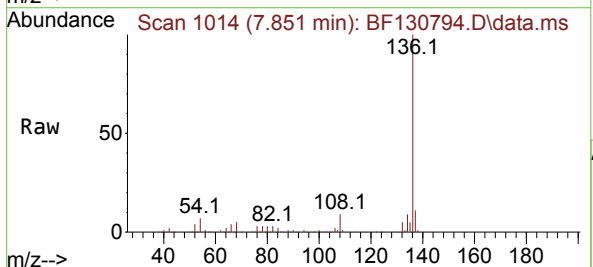
Instrument :
BNA_F
ClientSampleId :
SB-11

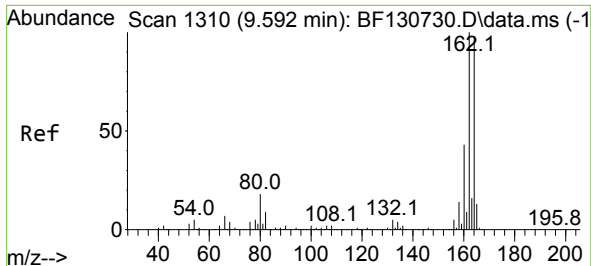
Tgt Ion: 82 Resp: 515753
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.023 ng
RT: 7.851 min Scan# 1014
Delta R.T. 0.147 min
Lab File: BF130794.D
Acq: 26 Oct 2022 21:13

Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 241.0 109.2 149.2#
77 470.5 75.7 115.7#

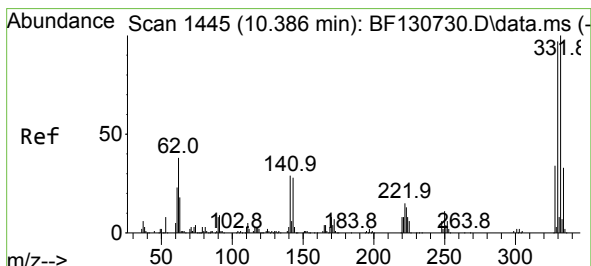
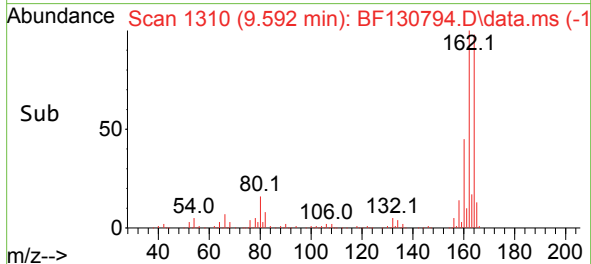
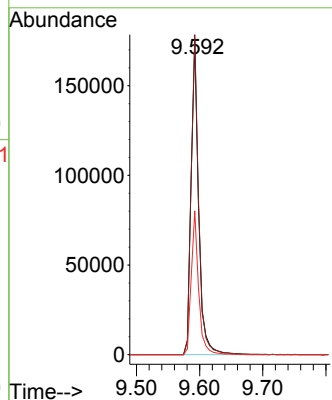
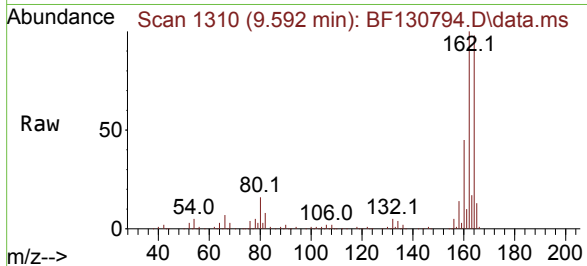




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130794.D
Acq: 26 Oct 2022 21:13

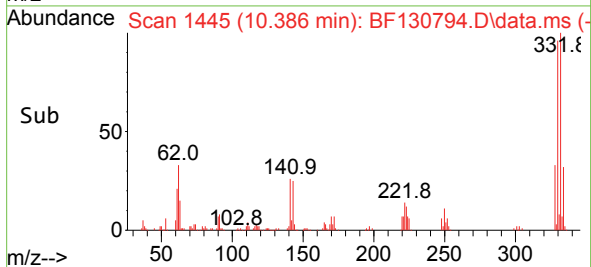
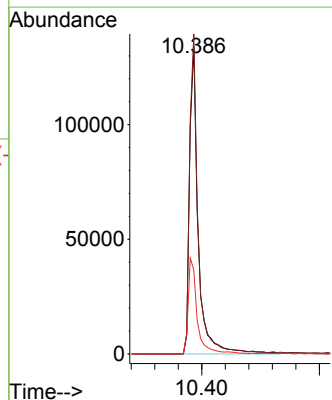
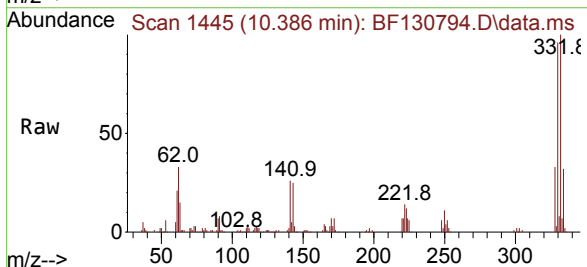
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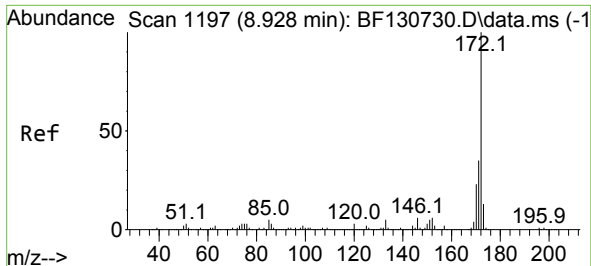
Tgt Ion:164 Resp: 146612
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 45.8 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 98.453 ng
RT: 10.386 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF130794.D
Acq: 26 Oct 2022 21:13

Tgt Ion:330 Resp: 137271
Ion Ratio Lower Upper
330 100
332 102.9 81.4 122.2
141 32.4 24.6 37.0

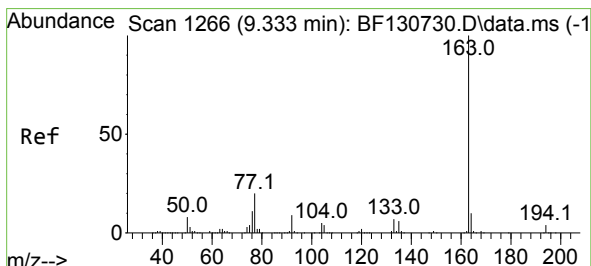
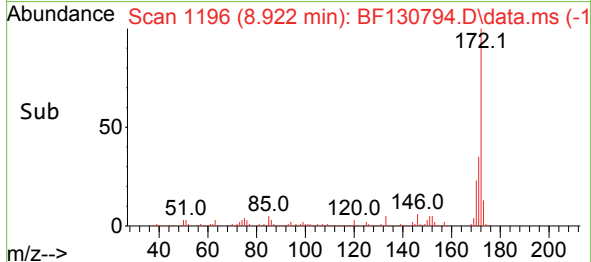
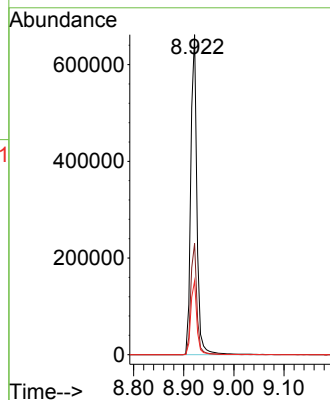
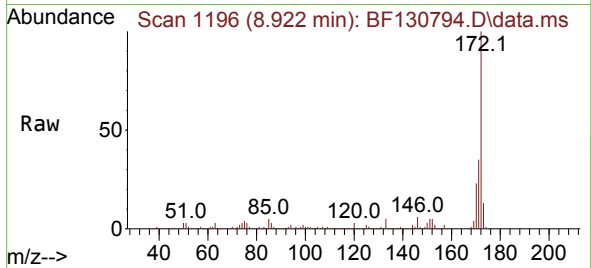




#45
2-Fluorobiphenyl
Concen: 58.600 ng
RT: 8.922 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF130794.D
Acq: 26 Oct 2022 21:13

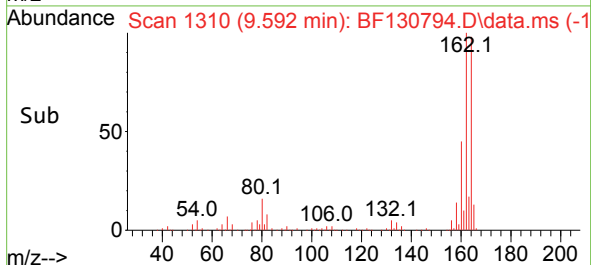
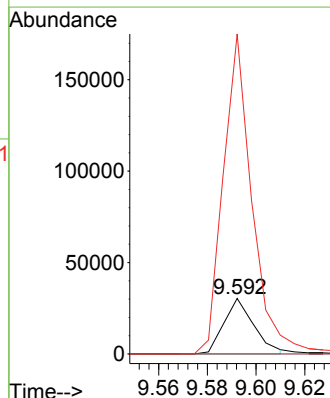
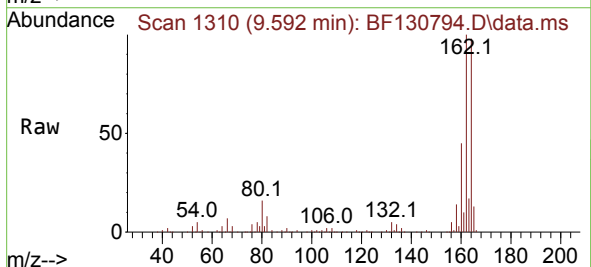
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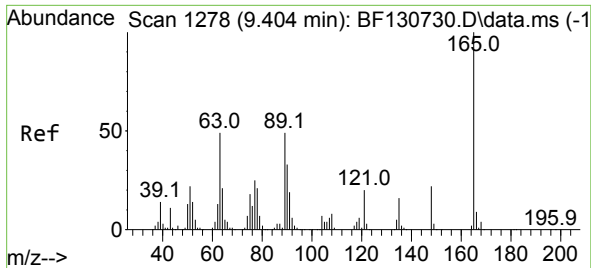
Tgt Ion:172 Resp: 563773
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.1 18.5 27.7



#50
Dimethylphthalate
Concen: 2.630 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF130794.D
Acq: 26 Oct 2022 21:13

Tgt Ion:163 Resp: 25935
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 576.5 8.1 12.1#

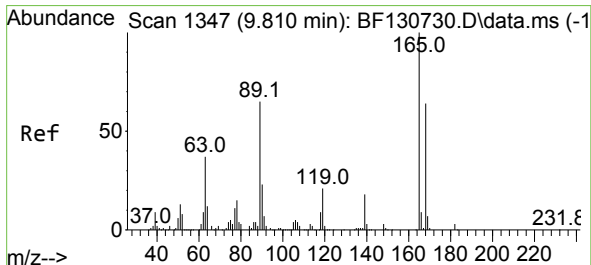
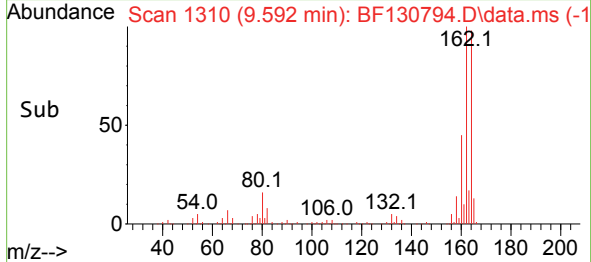
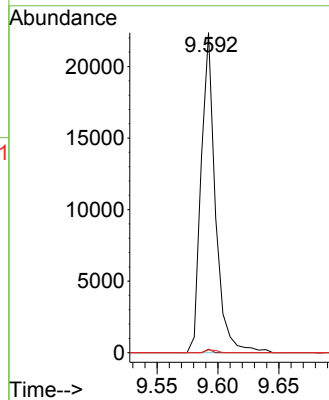
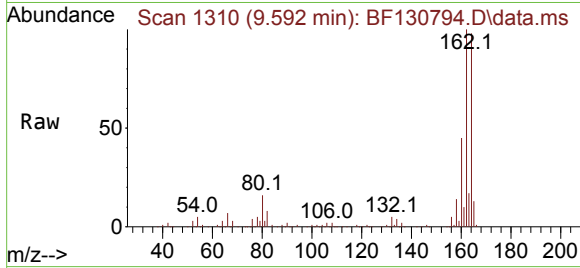




#51
2,6-Dinitrotoluene
Concen: 8.299 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF130794.D
Acq: 26 Oct 2022 21:13

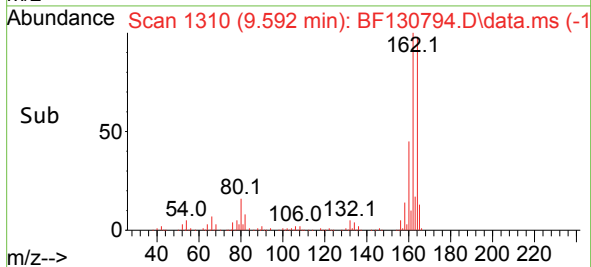
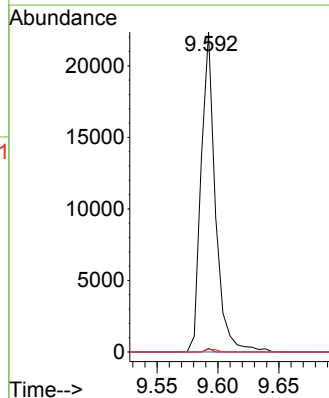
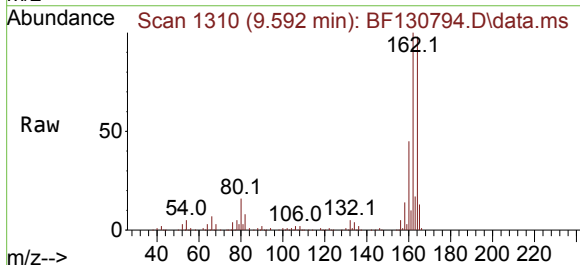
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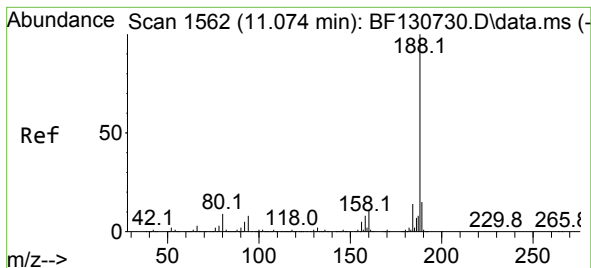
Tgt Ion:165 Resp: 18328
Ion Ratio Lower Upper
165 100
63 1.1 38.8 58.2#
89 0.9 39.4 59.2#



#57
2,4-Dinitrotoluene
Concen: 6.161 ng
RT: 9.592 min Scan# 1310
Delta R.T. -0.218 min
Lab File: BF130794.D
Acq: 26 Oct 2022 21:13

Tgt Ion:165 Resp: 18328
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 0.9 51.9 77.9#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.075 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130794.D

Acq: 26 Oct 2022 21:13

Instrument :

BNA_F

ClientSampleId :

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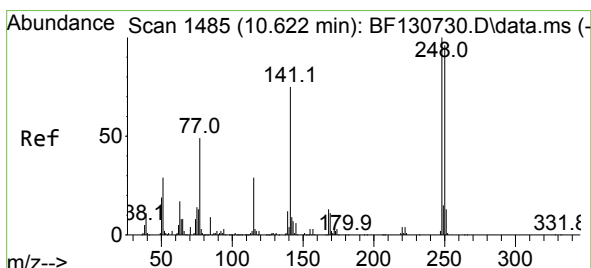
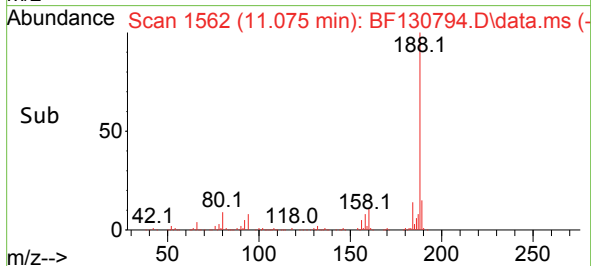
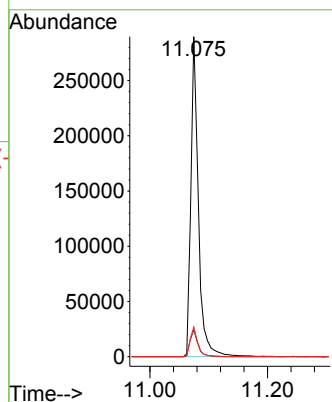
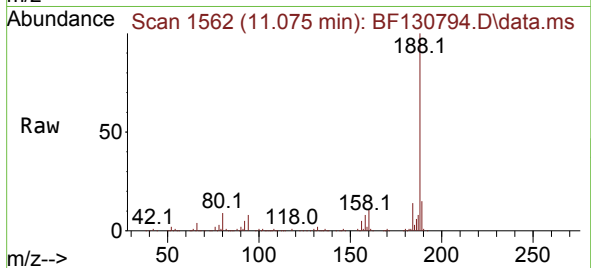
Tgt Ion:188 Resp: 257571

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

80 9.3 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 2.580 ng

RT: 10.386 min Scan# 1445

Delta R.T. -0.235 min

Lab File: BF130794.D

Acq: 26 Oct 2022 21:13

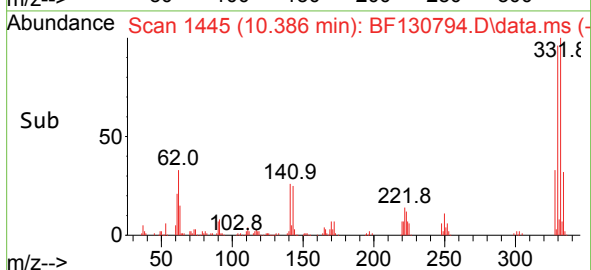
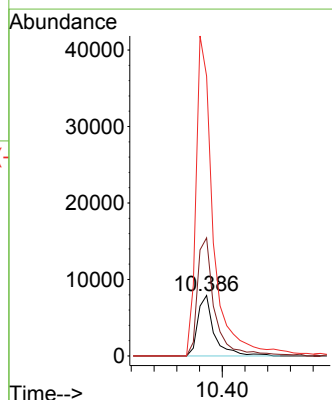
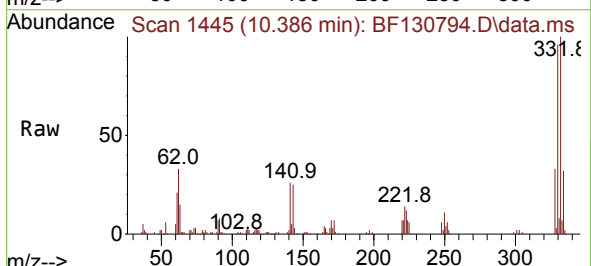
Tgt Ion:248 Resp: 7993

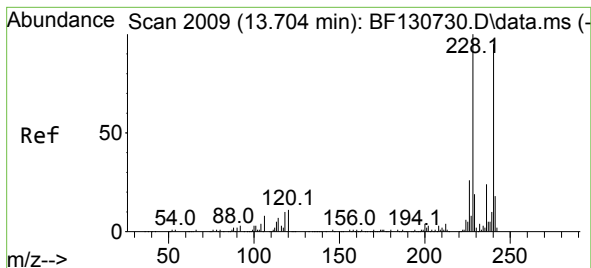
Ion Ratio Lower Upper

248 100

250 195.2 77.0 115.6#

141 462.9 60.1 90.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.716 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF130794.D

Acq: 26 Oct 2022 21:13

Instrument :

BNA_F

ClientSampleId :

SB-11

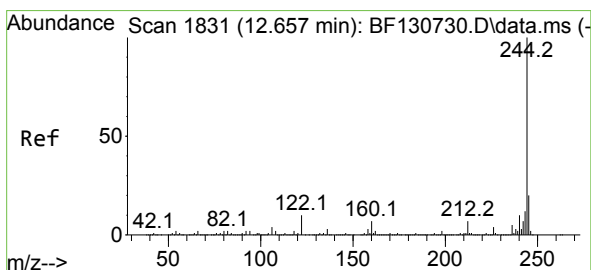
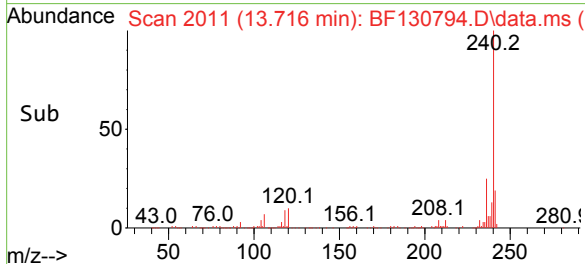
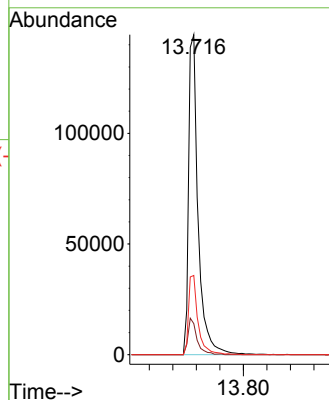
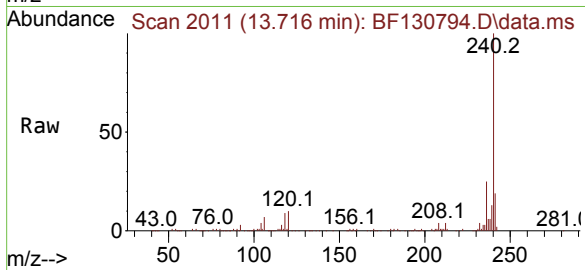
Tgt Ion:240 Resp: 161887

Ion Ratio Lower Upper

240 100

120 9.7 9.6 14.4

236 24.8 20.2 30.2



#79

Terphenyl-d14

Concen: 63.541 ng

RT: 12.657 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF130794.D

Acq: 26 Oct 2022 21:13

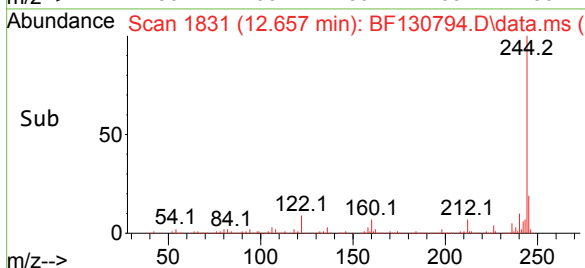
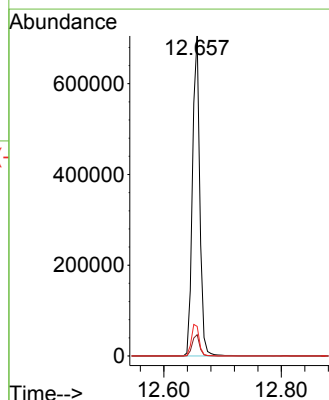
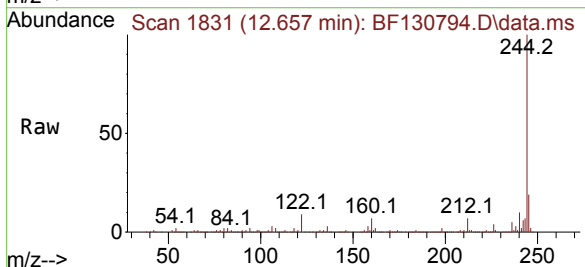
Tgt Ion:244 Resp: 610404

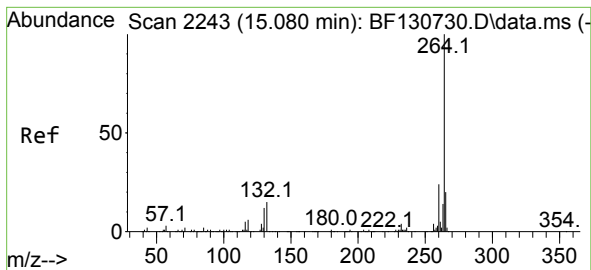
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 9.2 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: BF130794.D
 Acq: 26 Oct 2022 21:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-11

Tgt Ion:264 Resp: 123465
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.8 28.2
 265 21.7 16.2 24.4

