

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
 Data File : BF130773.D
 Acq On : 25 Oct 2022 17:16
 Operator : CG\JU
 Sample : N5256-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 13:49:30 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)

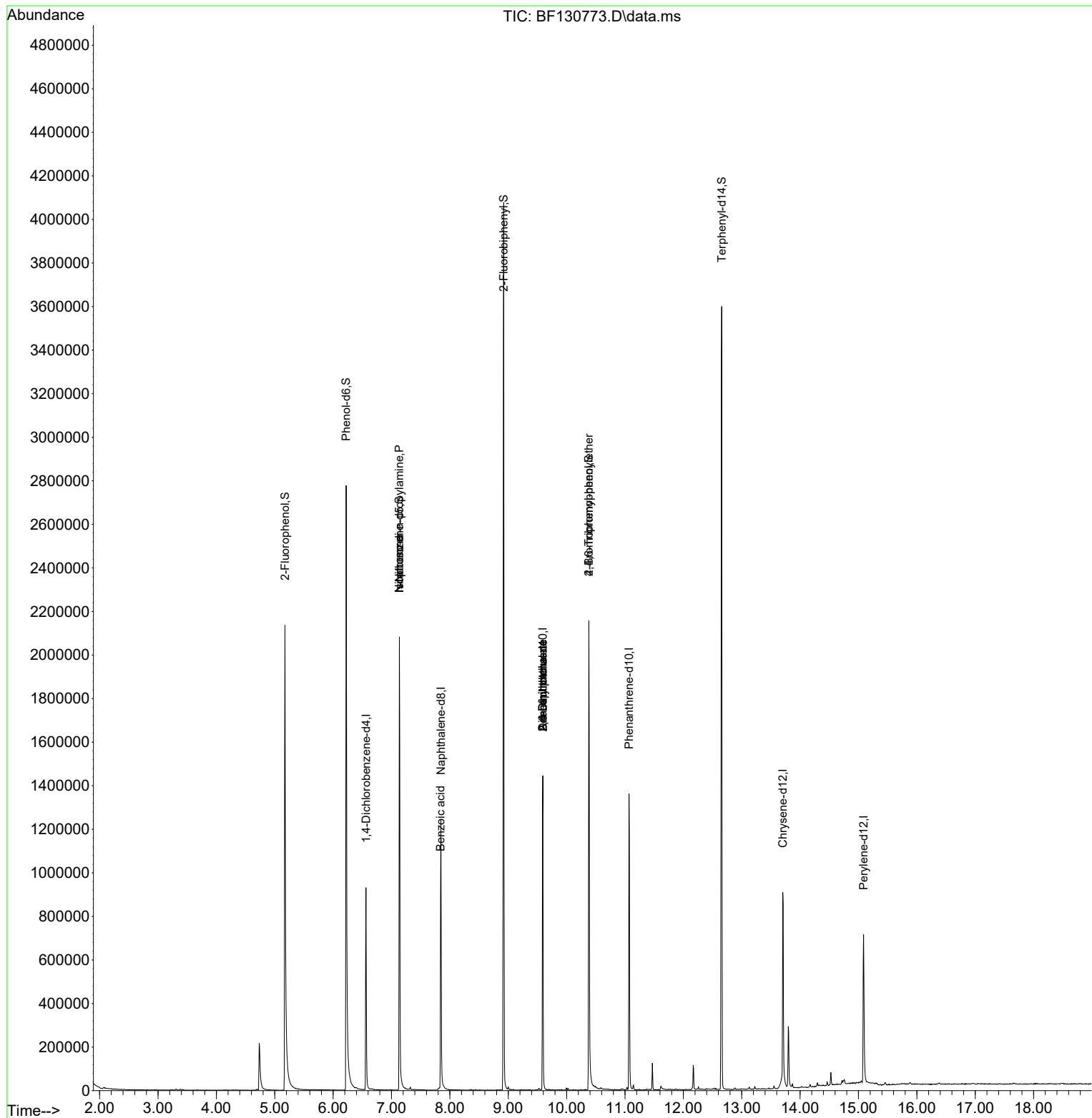
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	138386	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	562796	20.000	ng	# 0.00
39) Acenaphthene-d10	9.592	164	295434	20.000	ng	0.00
64) Phenanthrene-d10	11.069	188	497227	20.000	ng	# 0.00
76) Chrysene-d12	13.704	240	308781	20.000	ng	# 0.00
86) Perylene-d12	15.086	264	284445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	797796	99.412	ng	0.01
7) Phenol-d6	6.222	99	1138052	117.207	ng	0.00
23) Nitrobenzene-d5	7.134	82	692350	65.259	ng	0.00
42) 2,4,6-Tribromophenol	10.381	330	272718	97.068	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	1204812	62.148	ng	0.00
79) Terphenyl-d14	12.657	244	1250557	68.250	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.134	70	89572	13.652	ng	# 78
25) Isophorone	7.134	82	692343	39.608	ng	# 65
32) Benzoic acid	7.840	122	63	6.022	ng	# 1
50) Dimethylphthalate	9.592	163	54316	2.733	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	37911	8.519	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	37911	6.324	ng	# 28
67) 4-Bromophenyl-phenylether	10.381	248	16735	2.798	ng	# 1
77) Benzidine	12.657	184	17349	Below Cal		# 93

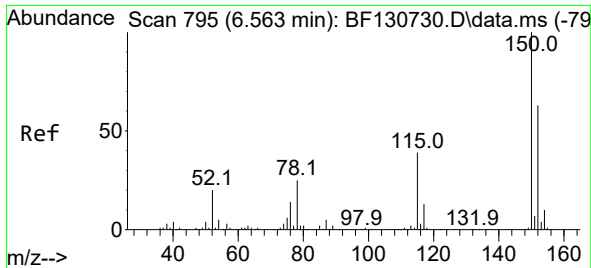
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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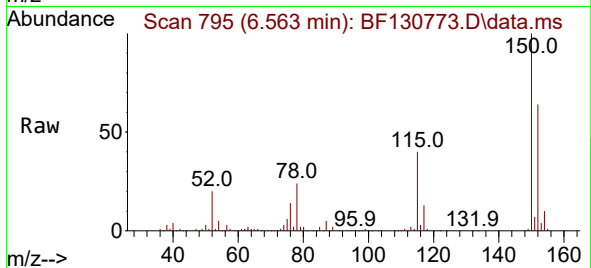
Quant Time: Oct 26 13:49:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
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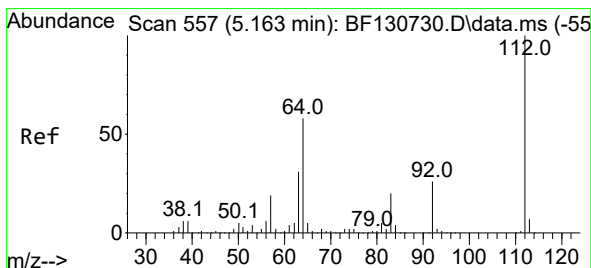
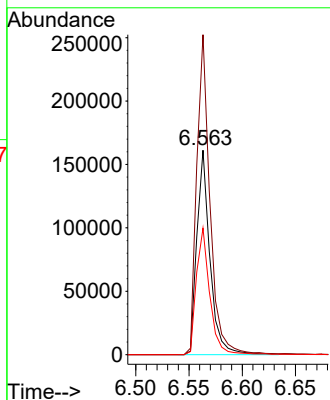
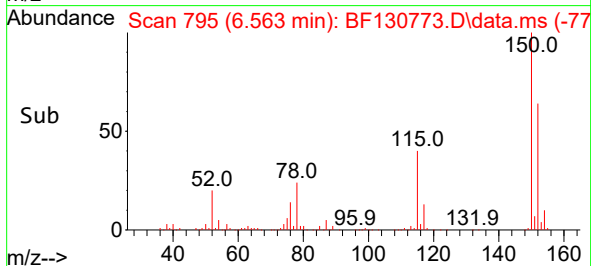


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16

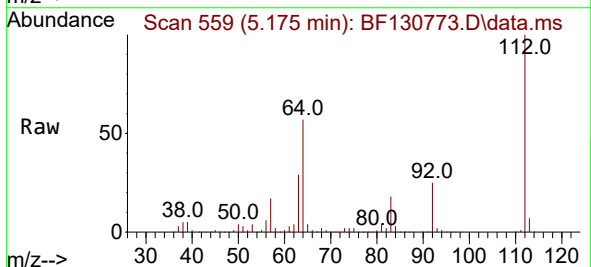
Instrument :
BNA_F
ClientSampleId :



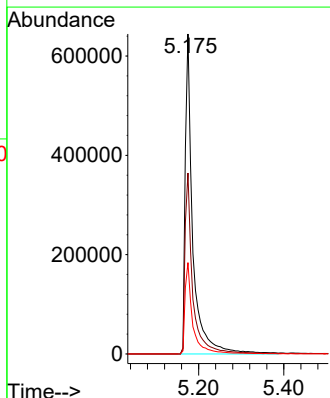
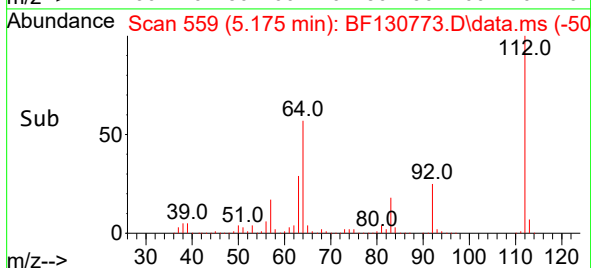
Tgt Ion:152 Resp: 138386
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 61.9 49.9 74.9

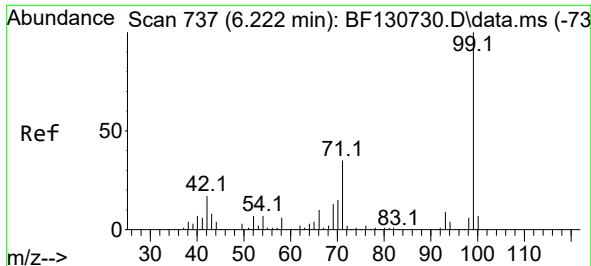


#5
2-Fluorophenol
Concen: 99.412 ng
RT: 5.175 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16



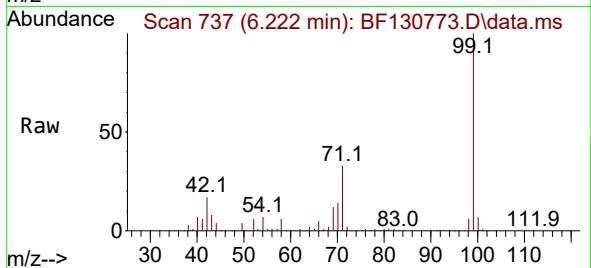
Tgt Ion:112 Resp: 797796
Ion Ratio Lower Upper
112 100
64 56.6 46.2 69.4
63 28.5 25.1 37.7





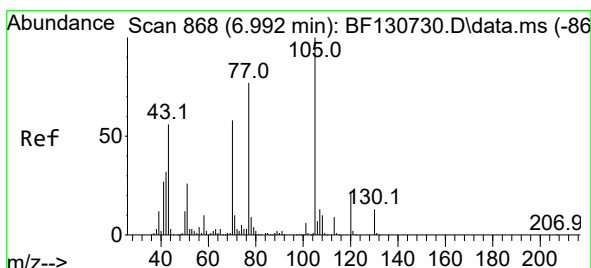
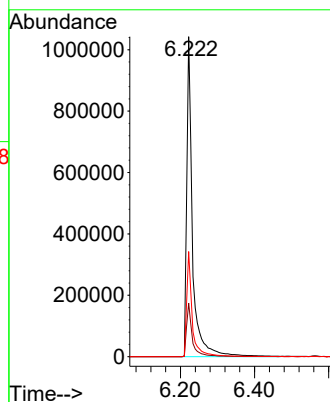
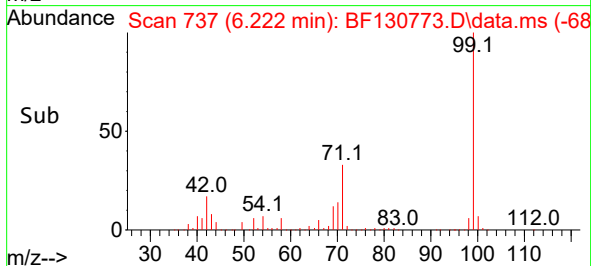
#7
Phenol-d6
Concen: 117.207 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16

Instrument :
BNA_F
ClientSampleId :

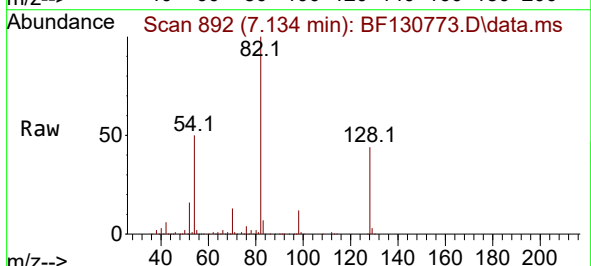


Tgt Ion: 99 Resp: 1138052

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.8
71	32.8	28.3	42.5

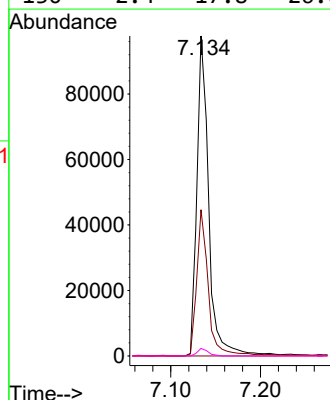
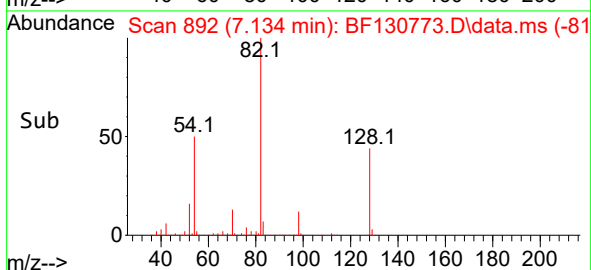


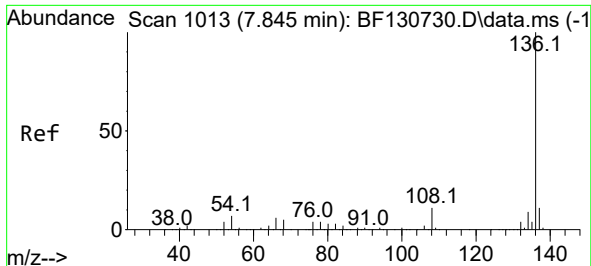
#19
n-Nitroso-di-n-propylamine
Concen: 13.652 ng
RT: 7.134 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16



Tgt Ion: 70 Resp: 89572

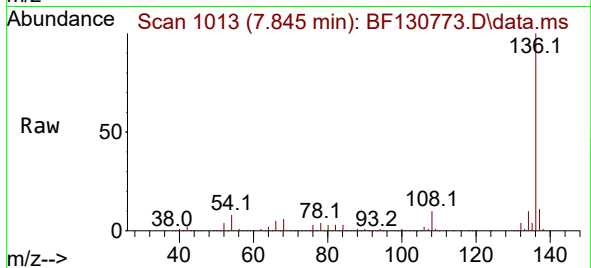
Ion	Ratio	Lower	Upper
70	100		
42	45.7	44.1	66.1
101	0.0	8.3	12.5#
130	2.4	17.8	26.6#



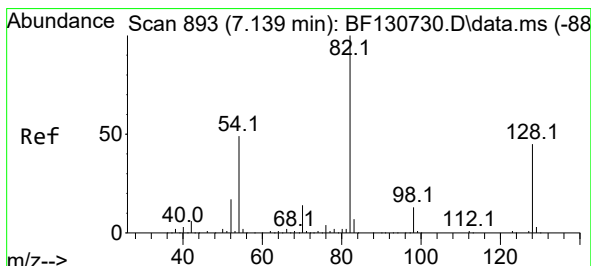
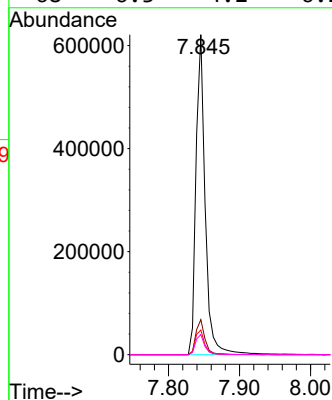
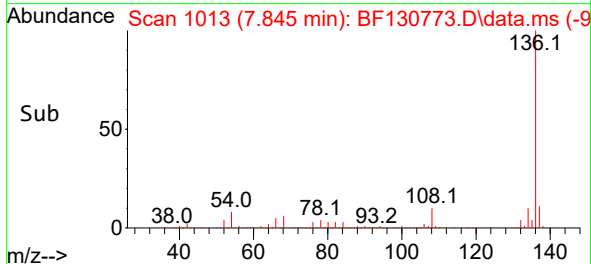


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16

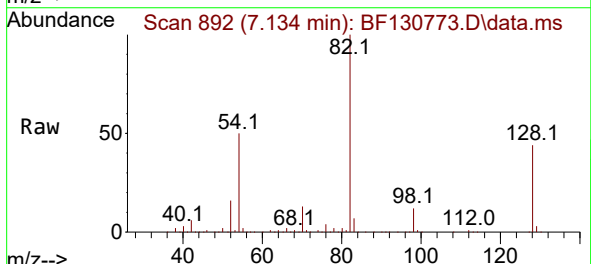
Instrument :
BNA_F
ClientSampleId :



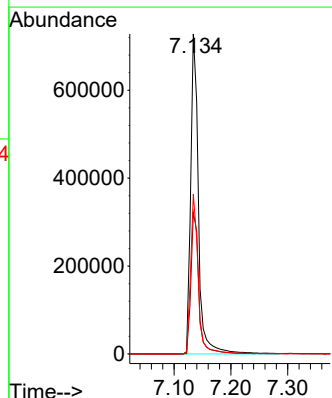
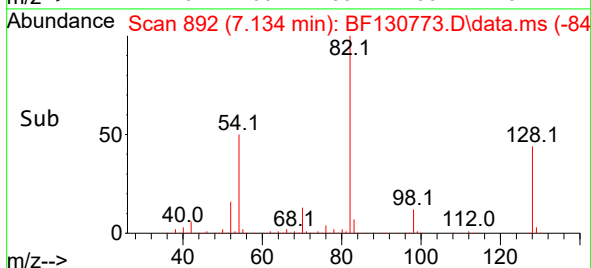
Tgt Ion:136 Resp: 562796
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.7 5.8 8.8
68 6.3 4.2 6.2#

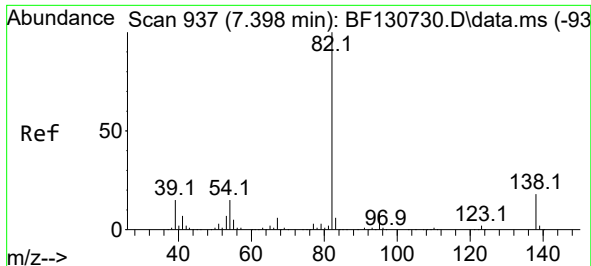


#23
Nitrobenzene-d5
Concen: 65.259 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.005 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16



Tgt Ion: 82 Resp: 692350
Ion Ratio Lower Upper
82 100
128 44.2 35.9 53.9
54 49.9 39.2 58.8

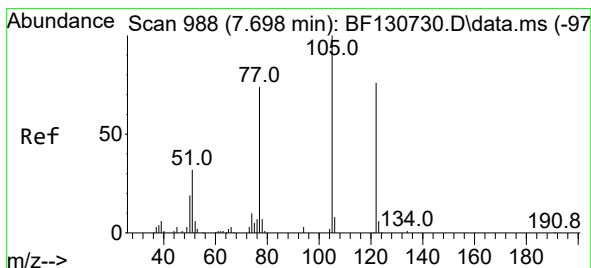
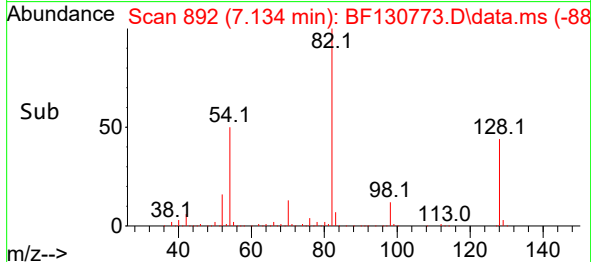
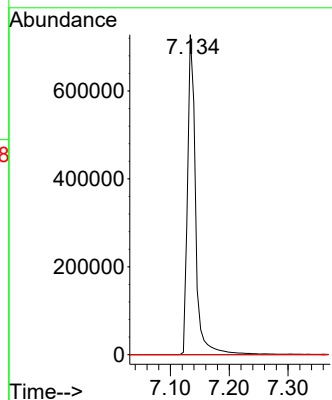
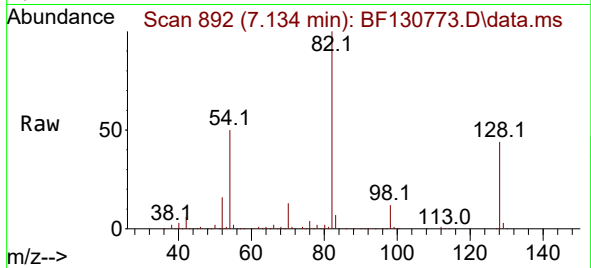




#25
Isophorone
Concen: 39.608 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16

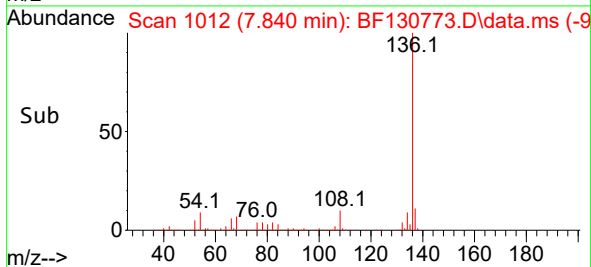
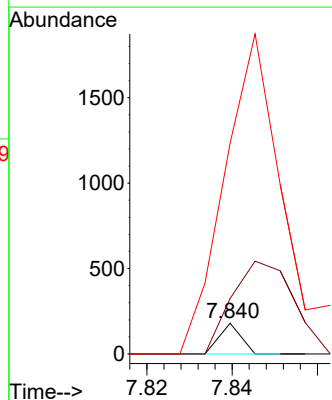
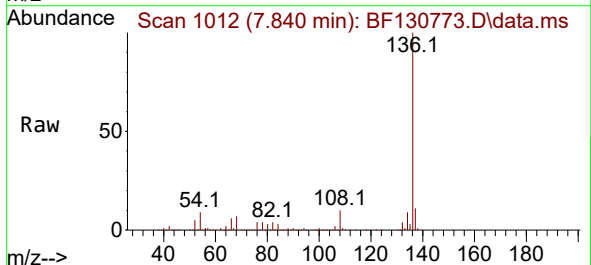
Instrument :
BNA_F
ClientSampleId :

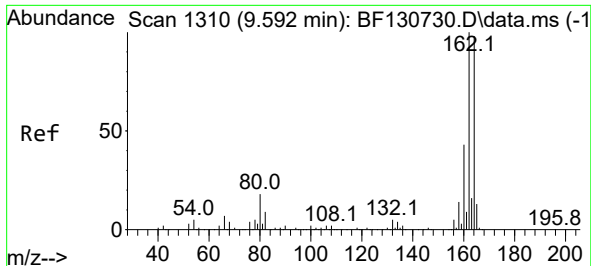
Tgt Ion: 82 Resp: 692343
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.022 ng
RT: 7.840 min Scan# 1012
Delta R.T. 0.141 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16

Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 180.6 109.2 149.2#
77 685.6 75.7 115.7#

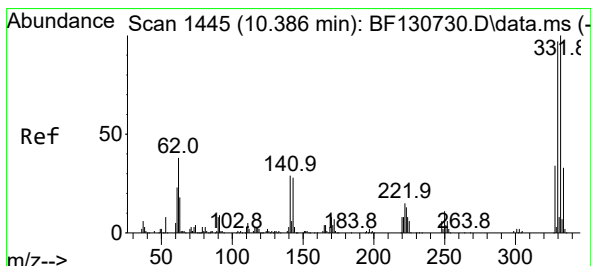
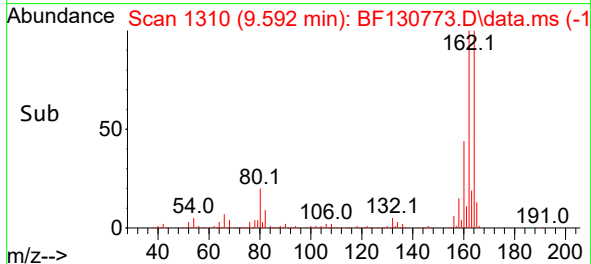
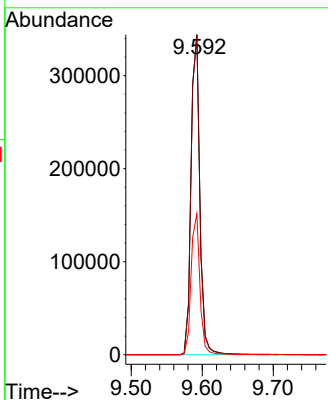
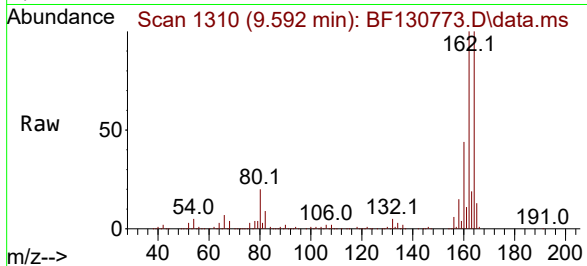




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16

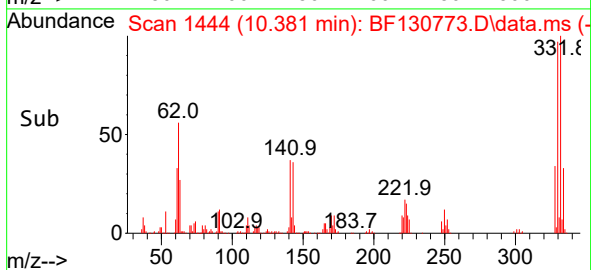
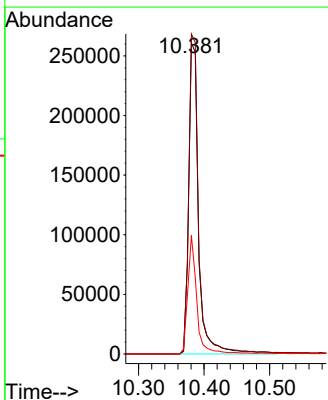
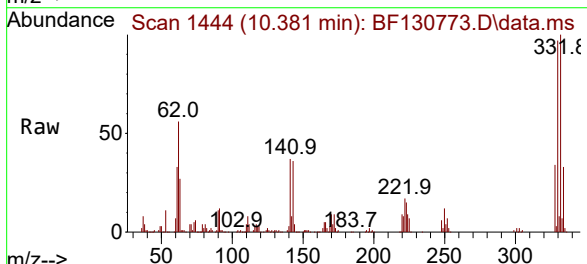
Instrument :
BNA_F
ClientSampleId :

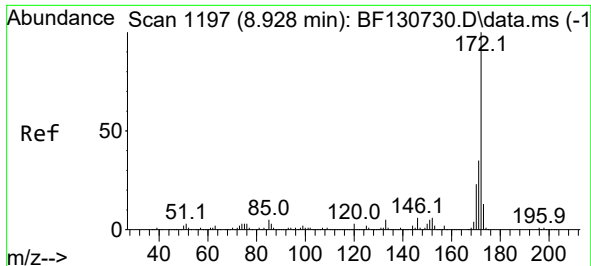
Tgt Ion:164 Resp: 295434
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 44.1 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 97.068 ng
RT: 10.381 min Scan# 1444
Delta R.T. -0.005 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16

Tgt Ion:330 Resp: 272718
Ion Ratio Lower Upper
330 100
332 104.3 81.4 122.2
141 34.6 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 62.148 ng

RT: 8.922 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF130773.D

Acq: 25 Oct 2022 17:16

Instrument :

BNA_F

ClientSampleId :

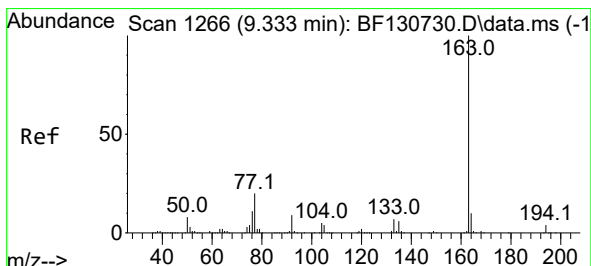
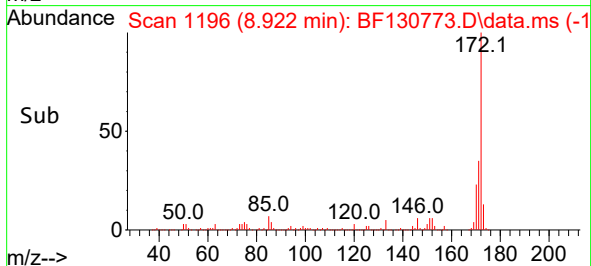
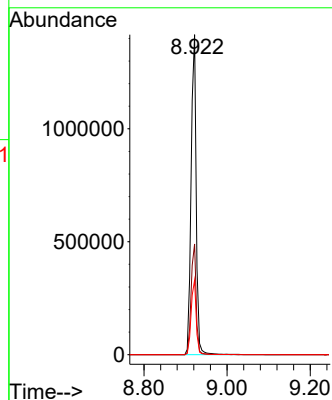
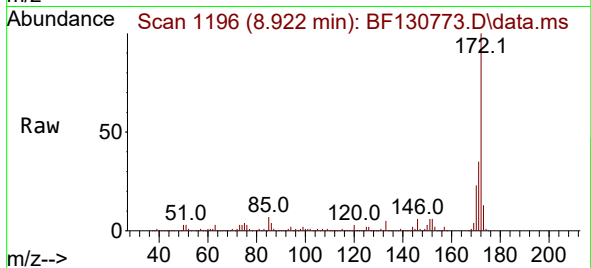
Tgt Ion:172 Resp: 1204812

Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.3 18.5 27.7



#50

Dimethylphthalate

Concen: 2.733 ng

RT: 9.592 min Scan# 1310

Delta R.T. 0.259 min

Lab File: BF130773.D

Acq: 25 Oct 2022 17:16

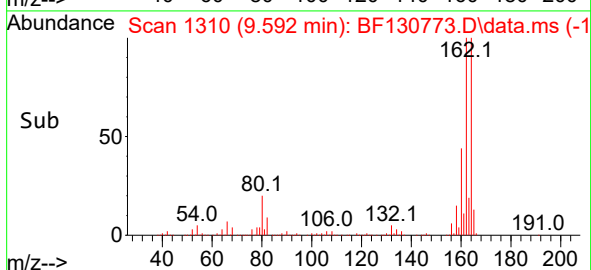
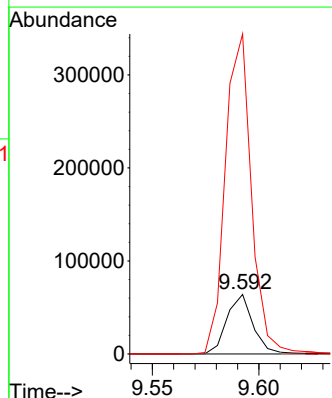
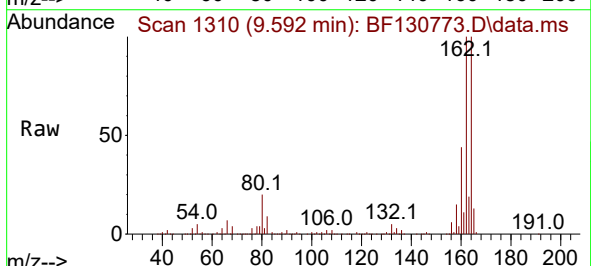
Tgt Ion:163 Resp: 54316

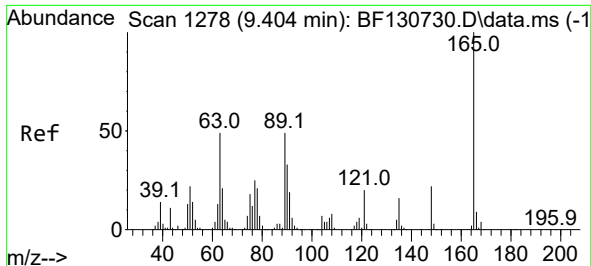
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

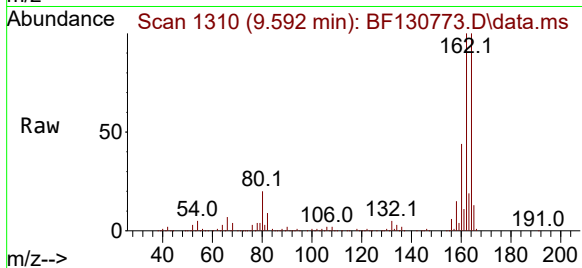
164 537.1 8.1 12.1#



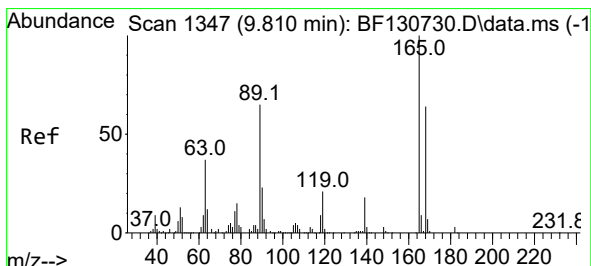
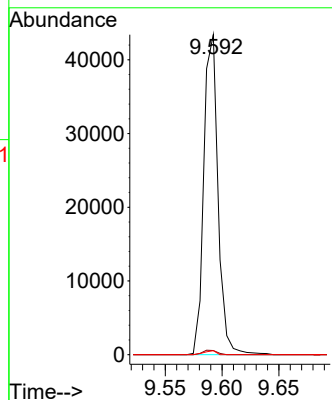
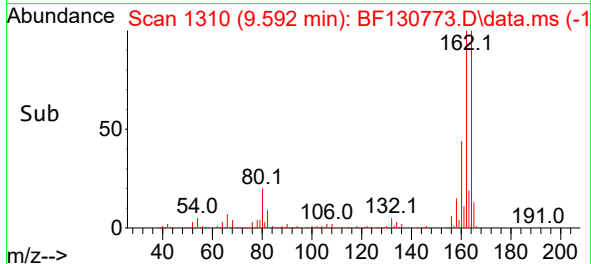


#51
2,6-Dinitrotoluene
Concen: 8.519 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16

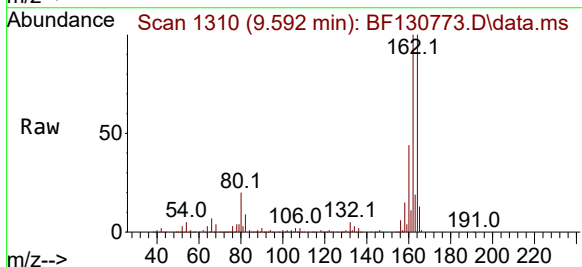
Instrument :
BNA_F
ClientSampleId :



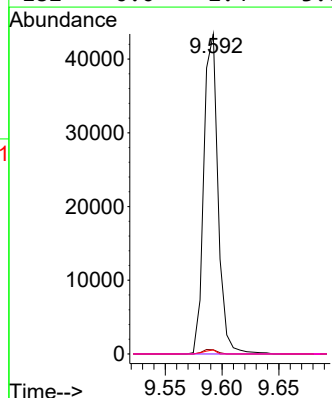
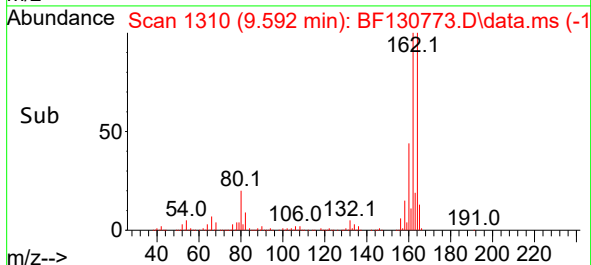
Tgt Ion:165 Resp: 37911
Ion Ratio Lower Upper
165 100
63 1.3 38.8 58.2#
89 1.2 39.4 59.2#

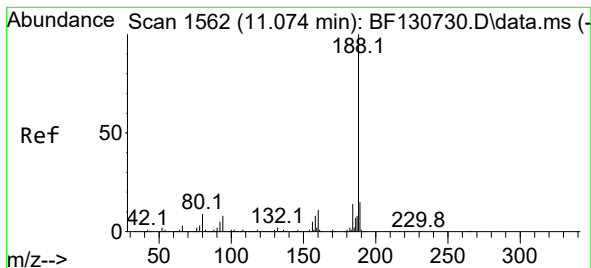


#57
2,4-Dinitrotoluene
Concen: 6.324 ng
RT: 9.592 min Scan# 1310
Delta R.T. -0.218 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16



Tgt Ion:165 Resp: 37911
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.2 51.9 77.9#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130773.D

Acq: 25 Oct 2022 17:16

Instrument :

BNA_F

ClientSampleId :

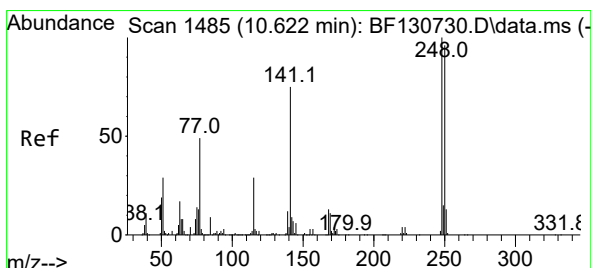
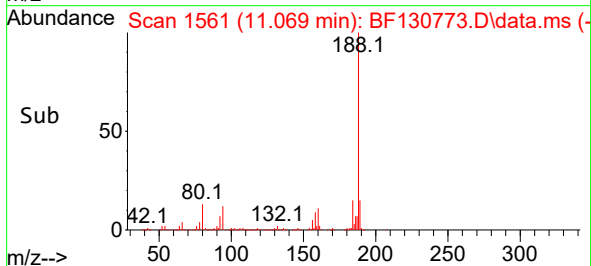
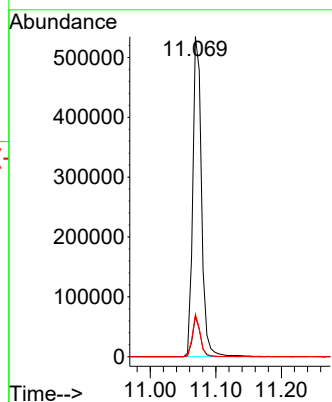
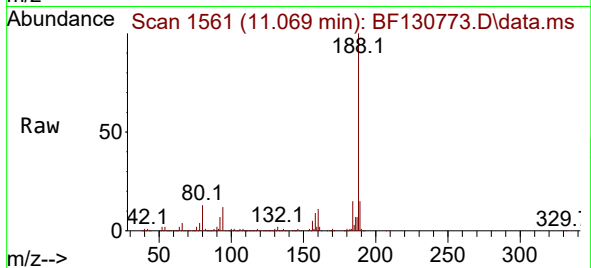
Tgt Ion:188 Resp: 497227

Ion Ratio Lower Upper

188 100

94 12.5 6.7 10.1#

80 13.3 7.4 11.0#



#67

4-Bromophenyl-phenylether

Concen: 2.798 ng

RT: 10.381 min Scan# 1444

Delta R.T. -0.241 min

Lab File: BF130773.D

Acq: 25 Oct 2022 17:16

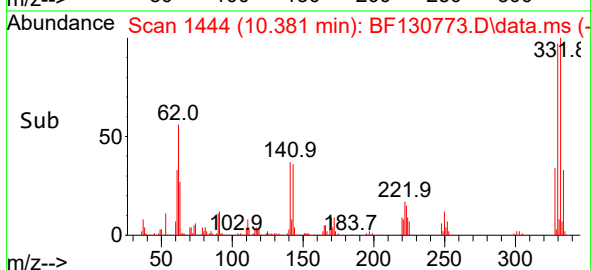
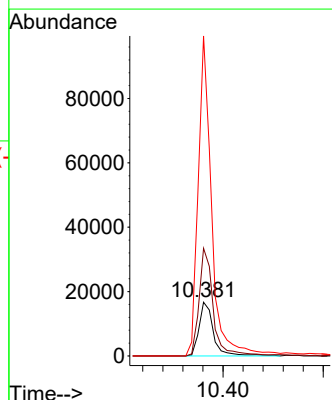
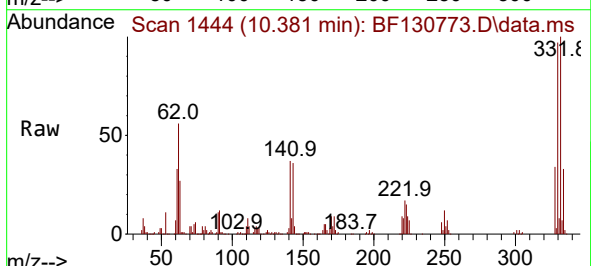
Tgt Ion:248 Resp: 16735

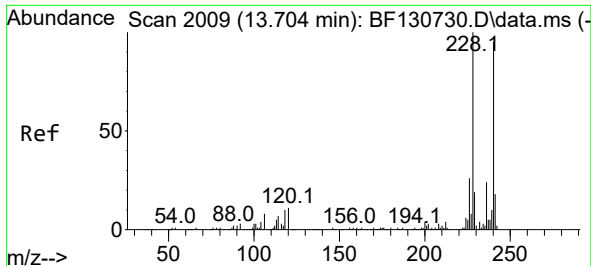
Ion Ratio Lower Upper

248 100

250 200.4 77.0 115.6#

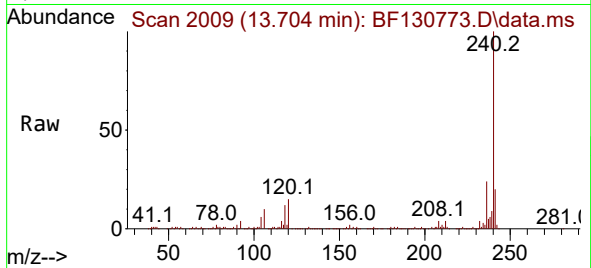
141 595.5 60.1 90.1#



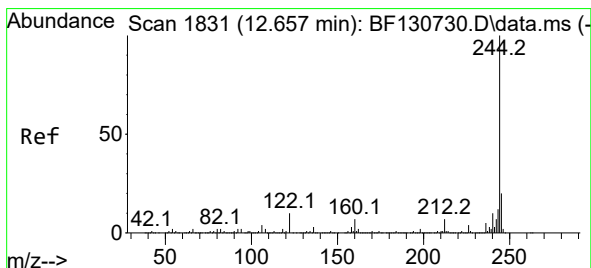
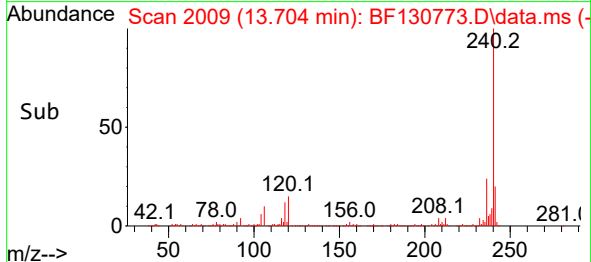
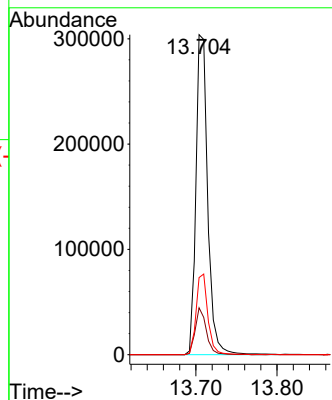


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.704 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16

Instrument :
BNA_F
ClientSampleId :

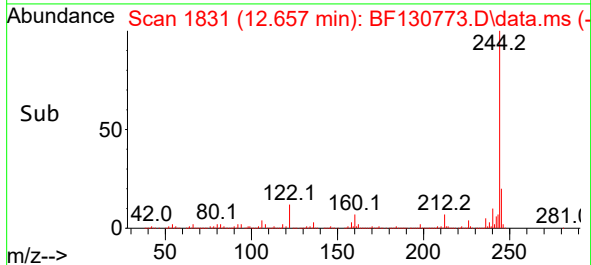
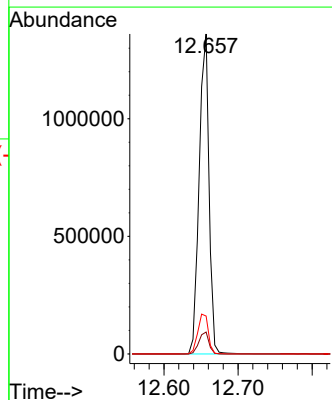
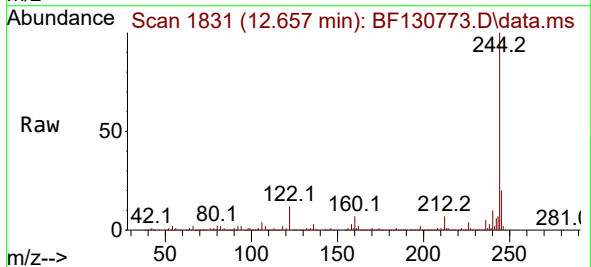


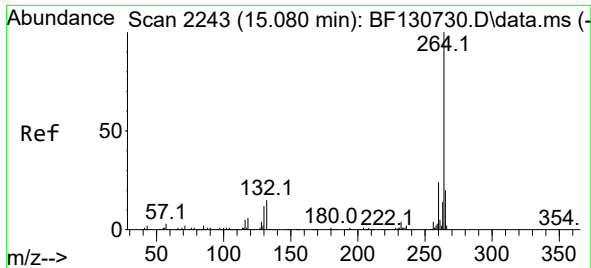
Tgt Ion:240 Resp: 308781
Ion Ratio Lower Upper
240 100
120 14.6 9.6 14.4#
236 24.1 20.2 30.2



#79
Terphenyl-d14
Concen: 68.250 ng
RT: 12.657 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16

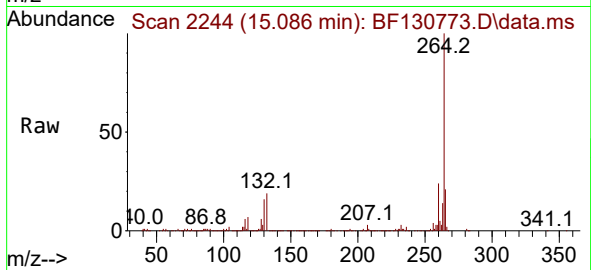
Tgt Ion:244 Resp: 1250557
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 11.9 8.2 12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.086 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 284445
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.4 16.2 24.4

