

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102122\
 Data File : BF130739.D
 Acq On : 21 Oct 2022 11:18
 Operator : CG\JU
 Sample : PB148422BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148422BL

Quant Time: Oct 21 13:40:37 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)

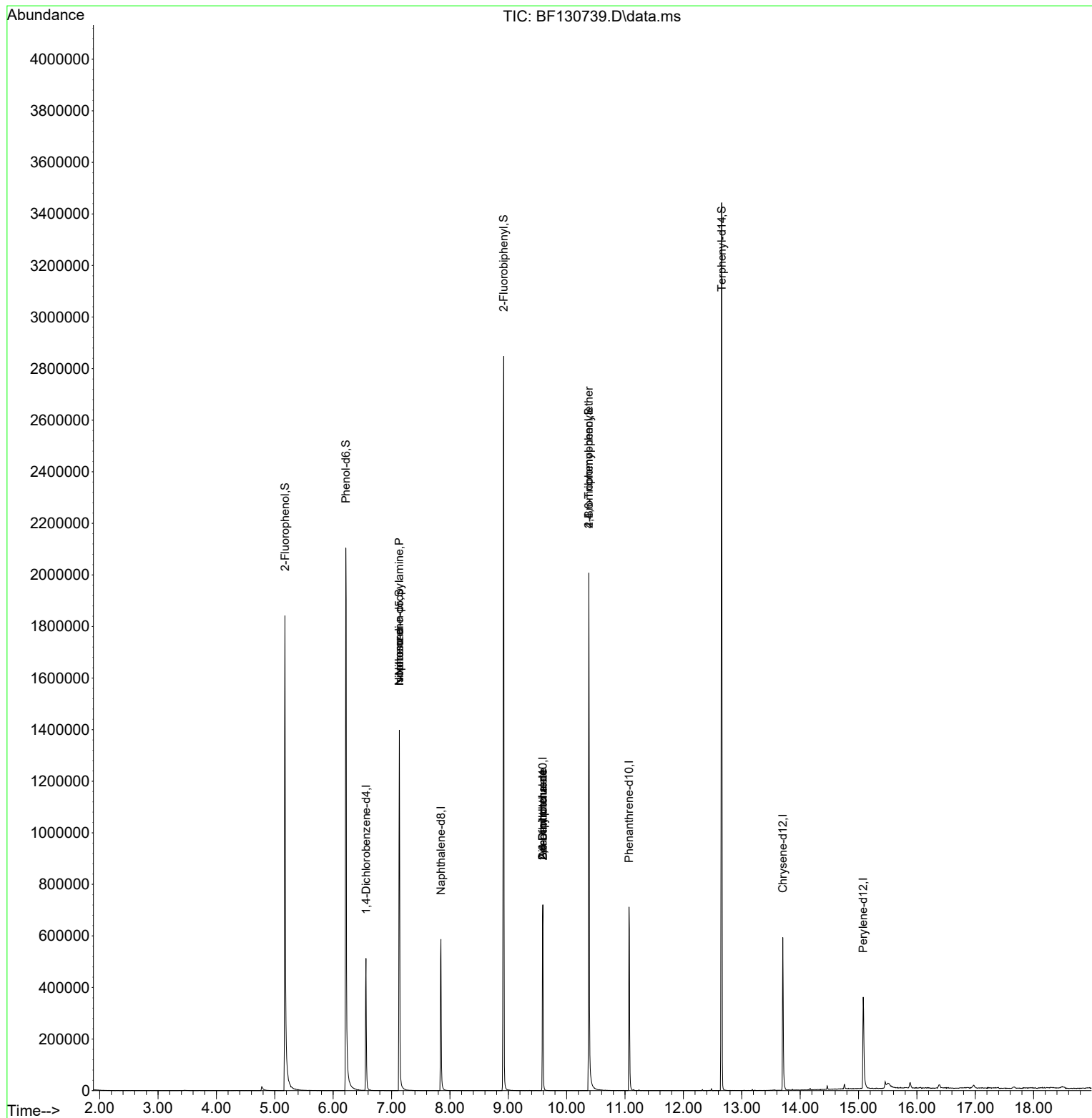
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	84103	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	303476	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	157908	20.000	ng	0.00
64) Phenanthrene-d10	11.069	188	281855	20.000	ng	0.00
76) Chrysene-d12	13.704	240	216901	20.000	ng	0.00
86) Perylene-d12	15.080	264	171225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	618967	126.910	ng	0.01
7) Phenol-d6	6.216	99	884966	149.968	ng	0.00
23) Nitrobenzene-d5	7.134	82	481346	84.140	ng	0.00
42) 2,4,6-Tribromophenol	10.380	330	266262	177.307	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	953389	92.009	ng	0.00
79) Terphenyl-d14	12.657	244	1180726	91.735	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.134	70	63513	15.928	ng	# 78
25) Isophorone	7.134	82	481340	51.067	ng	# 65
50) Dimethylphthalate	9.592	163	29976	2.822	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	20591	8.657	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	20591	6.427	ng	# 27
67) 4-Bromophenyl-phenylether	10.380	248	15878	4.683	ng	# 1
77) Benzidine	12.445	184	1092	Below Cal		# 66

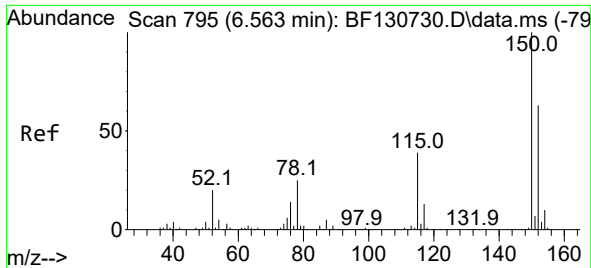
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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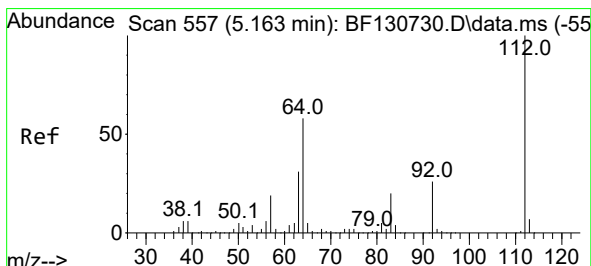
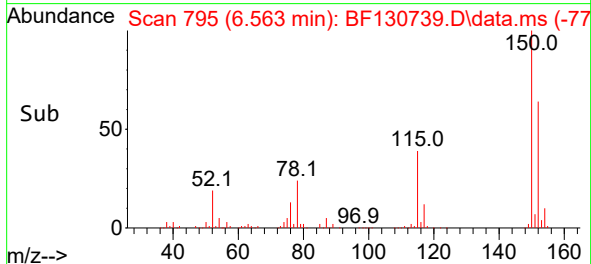
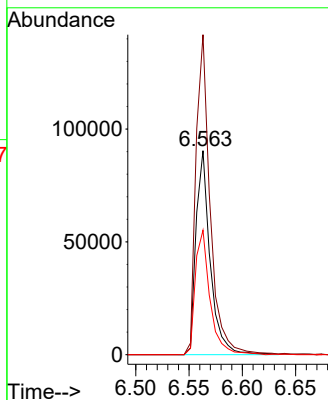
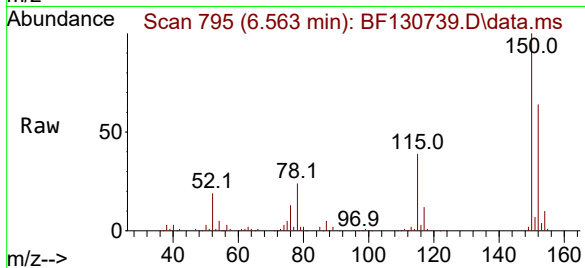




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130739.D
Acq: 21 Oct 2022 11:18

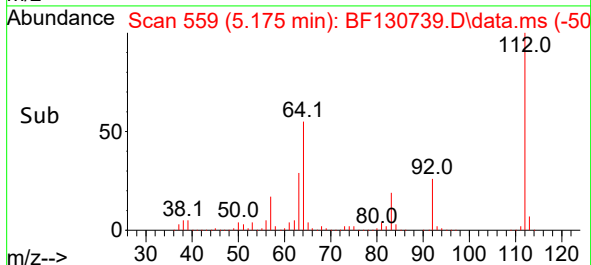
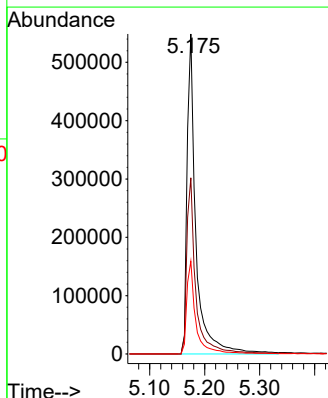
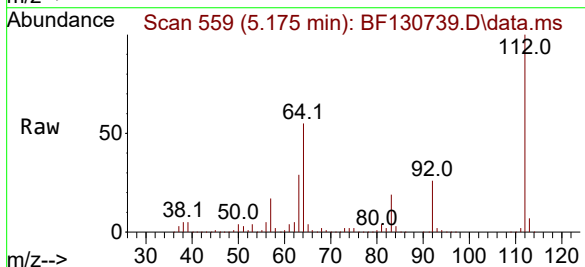
Instrument :
BNA_F
ClientSampleId :
PB148422BL

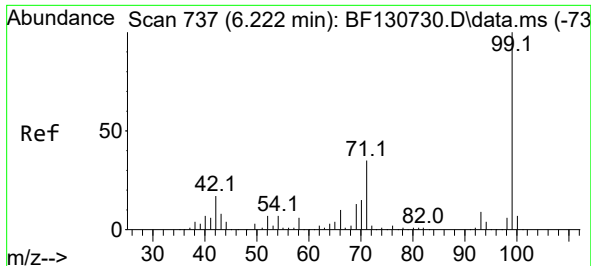
Tgt Ion:152 Resp: 84103
Ion Ratio Lower Upper
152 100
150 156.8 127.0 190.6
115 61.0 49.9 74.9



#5
2-Fluorophenol
Concen: 126.910 ng
RT: 5.175 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF130739.D
Acq: 21 Oct 2022 11:18

Tgt Ion:112 Resp: 618967
Ion Ratio Lower Upper
112 100
64 55.0 46.2 69.4
63 29.0 25.1 37.7

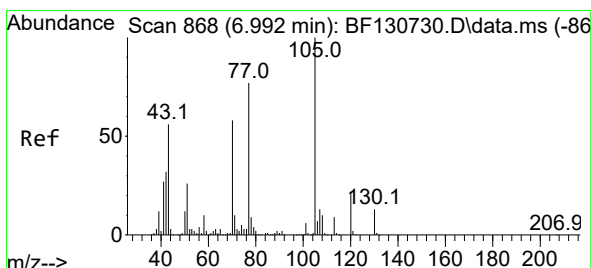
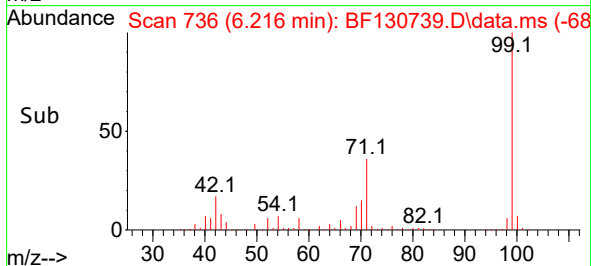
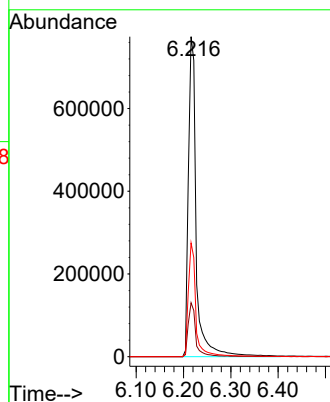
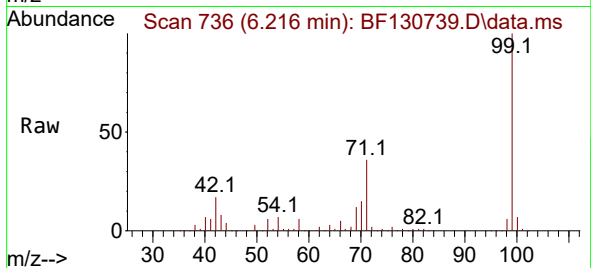




#7
Phenol-d6
Concen: 149.968 ng
RT: 6.216 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130739.D
Acq: 21 Oct 2022 11:18

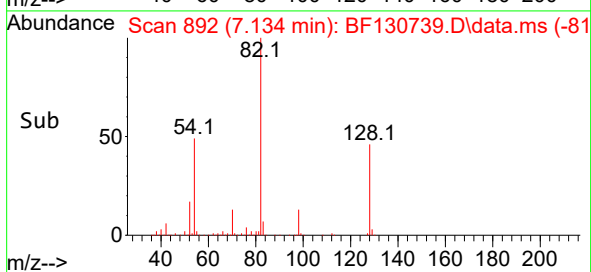
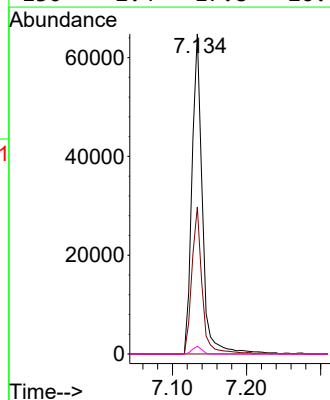
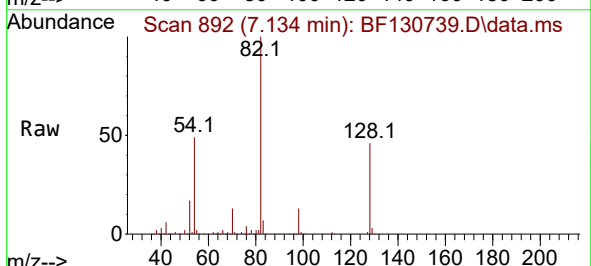
Instrument :
BNA_F
ClientSampleId :
PB148422BL

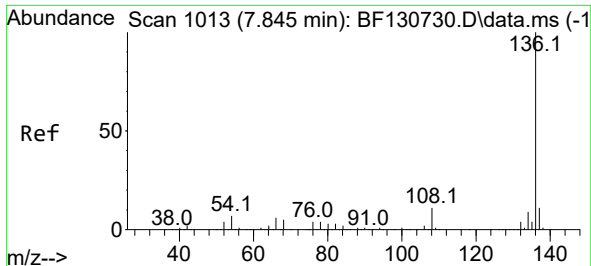
Tgt Ion: 99 Resp: 884966
Ion Ratio Lower Upper
99 100
42 16.9 13.8 20.8
71 35.5 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.928 ng
RT: 7.134 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130739.D
Acq: 21 Oct 2022 11:18

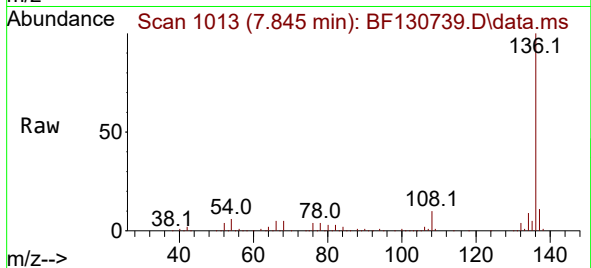
Tgt Ion: 70 Resp: 63513
Ion Ratio Lower Upper
70 100
42 46.0 44.1 66.1
101 0.0 8.3 12.5#
130 2.4 17.8 26.6#



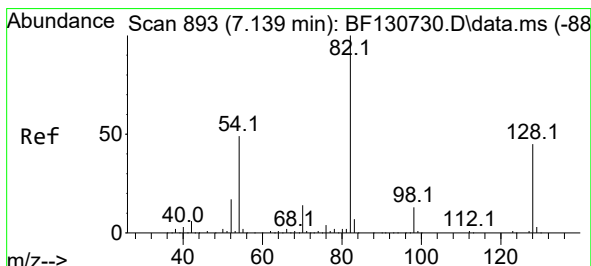
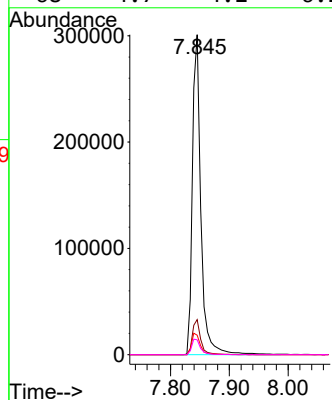
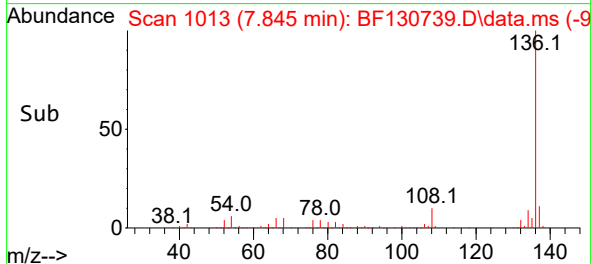


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130739.D
Acq: 21 Oct 2022 11:18

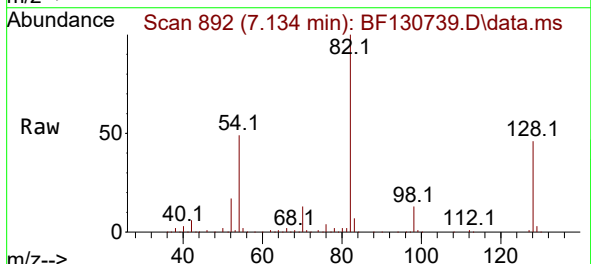
Instrument :
BNA_F
ClientSampleId :
PB148422BL



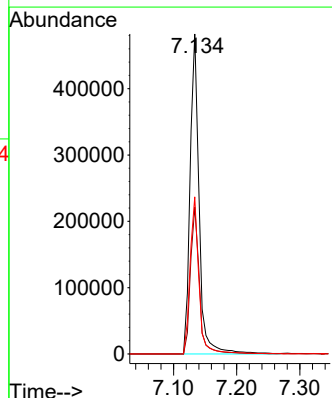
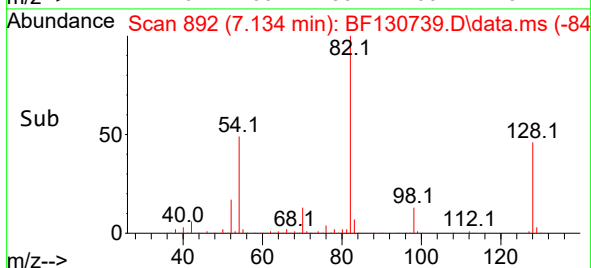
Tgt Ion:136 Resp: 303476
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.1 5.8 8.8
68 4.7 4.2 6.2

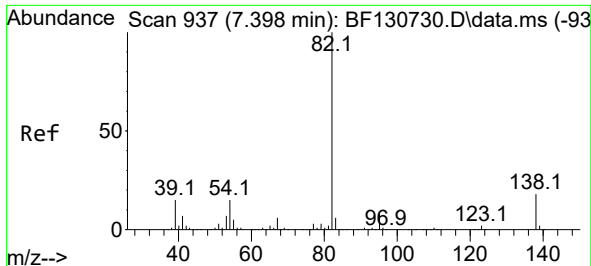


#23
Nitrobenzene-d5
Concen: 84.140 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.005 min
Lab File: BF130739.D
Acq: 21 Oct 2022 11:18



Tgt Ion: 82 Resp: 481346
Ion Ratio Lower Upper
82 100
128 45.8 35.9 53.9
54 49.1 39.2 58.8

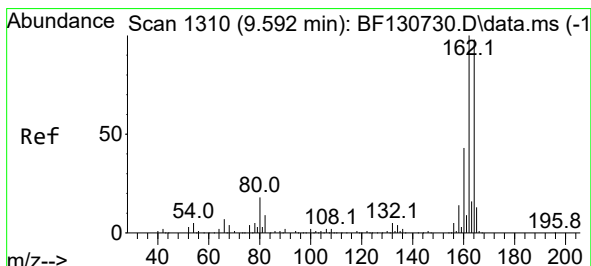
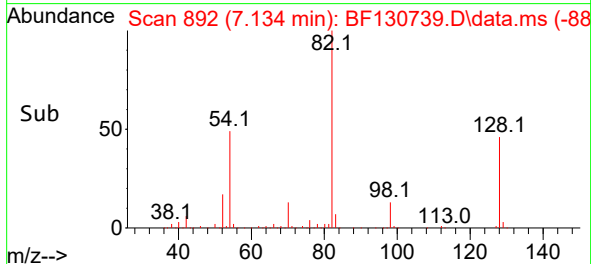
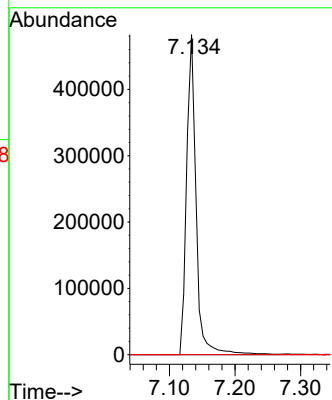
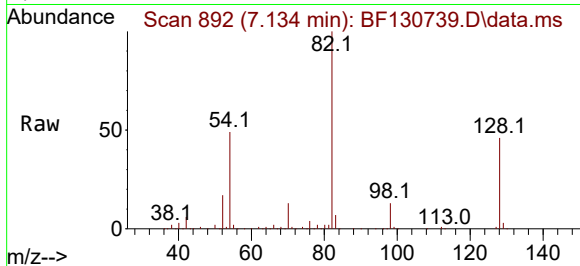




#25
Isophorone
Concen: 51.067 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF130739.D
Acq: 21 Oct 2022 11:18

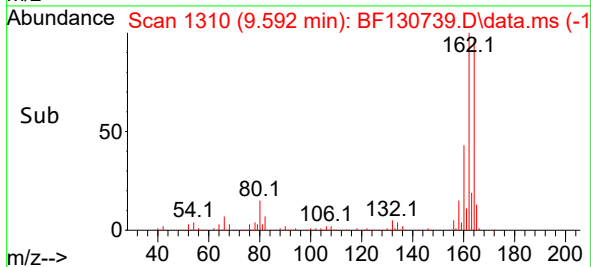
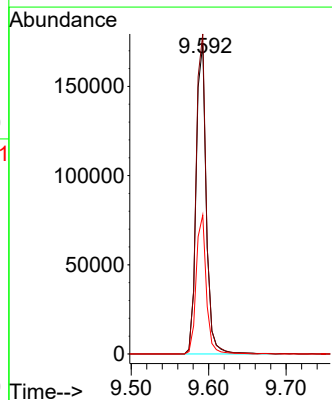
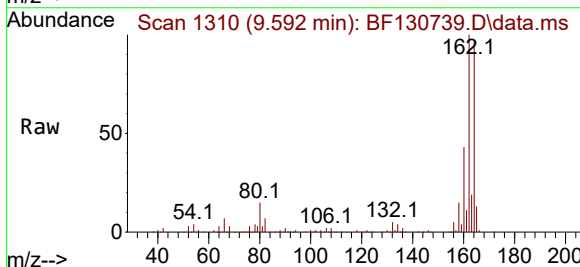
Instrument :
BNA_F
ClientSampleId :
PB148422BL

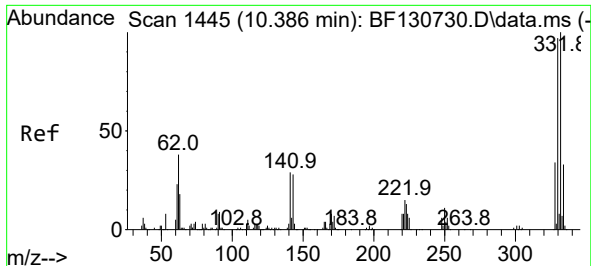
Tgt Ion: 82 Resp: 481340
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF130739.D
Acq: 21 Oct 2022 11:18

Tgt Ion:164 Resp: 157908
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.0
160 44.8 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 177.307 ng

RT: 10.380 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF130739.D

Acq: 21 Oct 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB148422BL

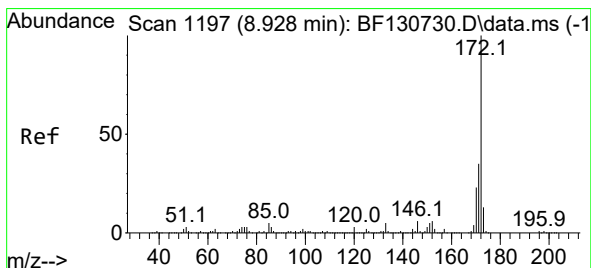
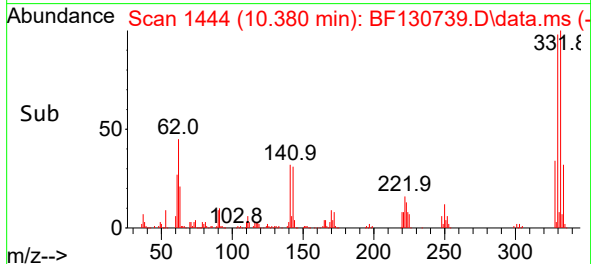
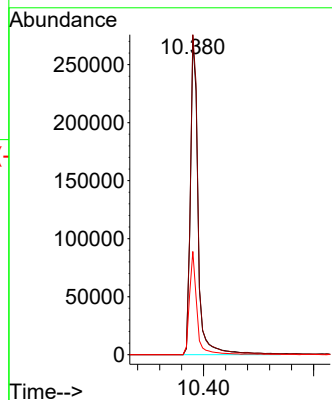
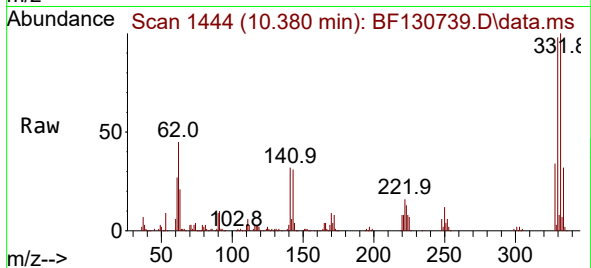
Tgt Ion:330 Resp: 266262

Ion Ratio Lower Upper

330 100

332 101.7 81.4 122.2

141 31.2 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 92.009 ng

RT: 8.922 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF130739.D

Acq: 21 Oct 2022 11:18

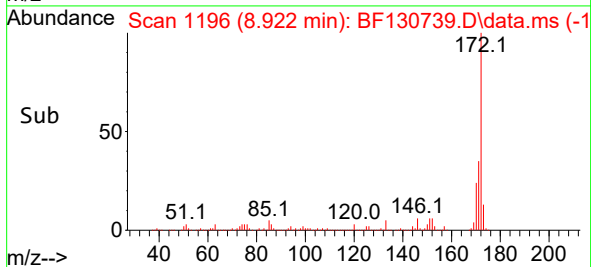
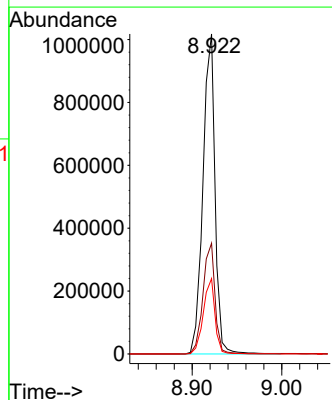
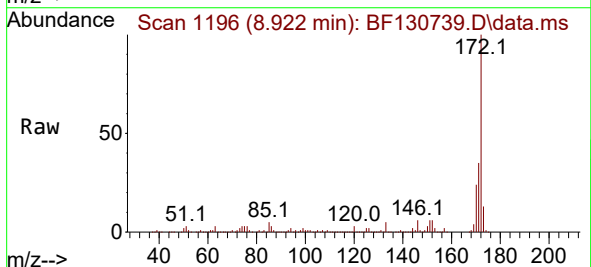
Tgt Ion:172 Resp: 953389

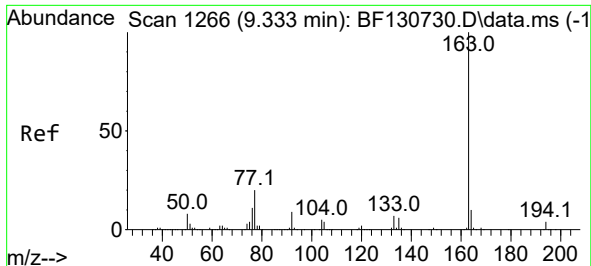
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.6 18.5 27.7

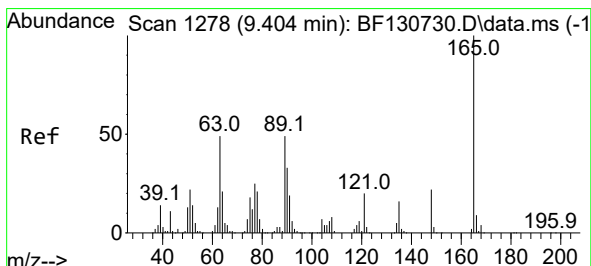
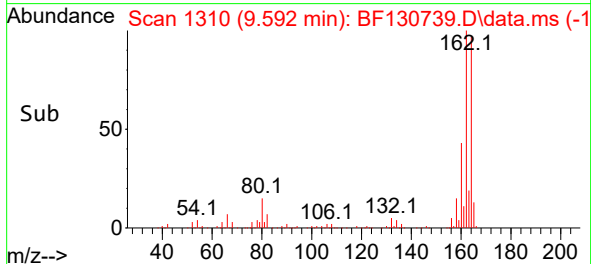
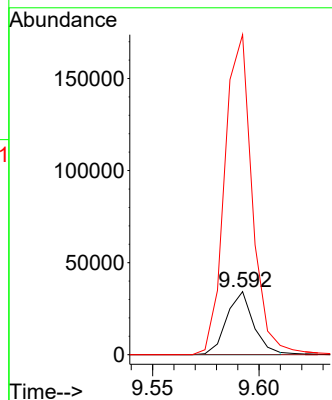
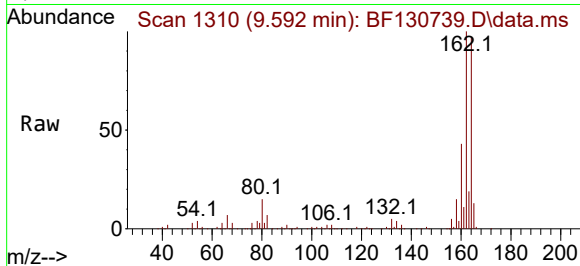




#50
Dimethylphthalate
Concen: 2.822 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130739.D
Acq: 21 Oct 2022 11:18

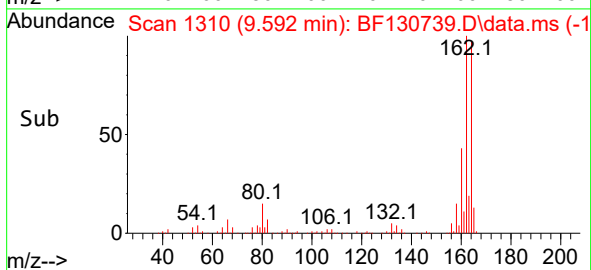
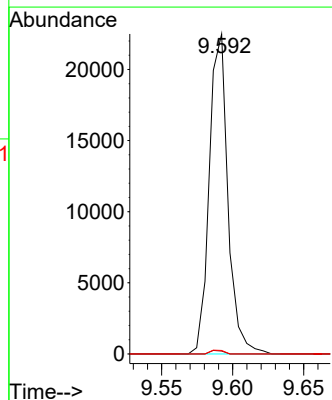
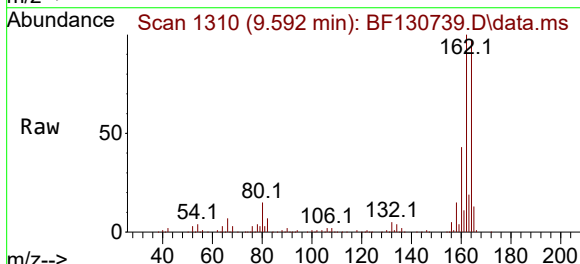
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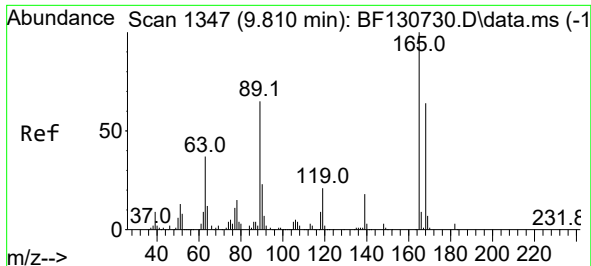
Tgt Ion:163 Resp: 29976
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 507.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.657 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.188 min
Lab File: BF130739.D
Acq: 21 Oct 2022 11:18

Tgt Ion:165 Resp: 20591
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: 6.427 ng

RT: 9.592 min Scan# 11

Delta R.T. -0.218 min

Lab File: BF130739.D

Acq: 21 Oct 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB148422BL

Tgt Ion:165 Resp: 20591

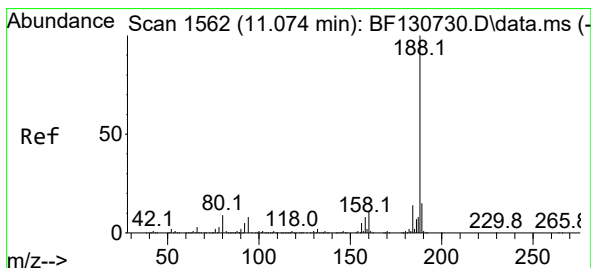
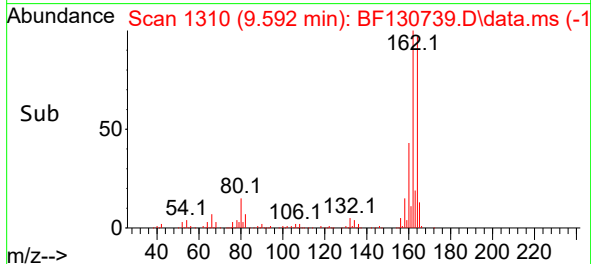
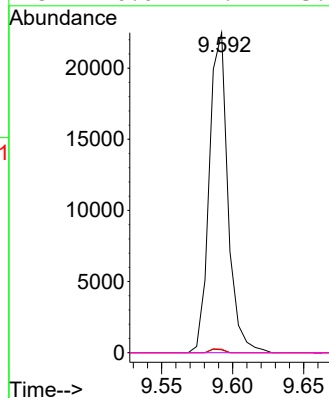
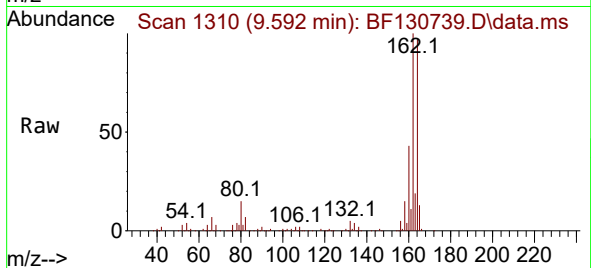
Ion Ratio Lower Upper

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: 11.069 min Scan# 1561

Delta R.T. -0.006 min

Lab File: BF130739.D

Acq: 21 Oct 2022 11:18

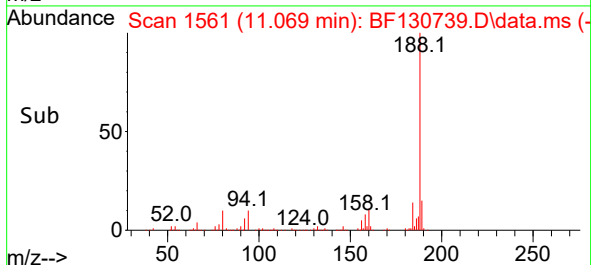
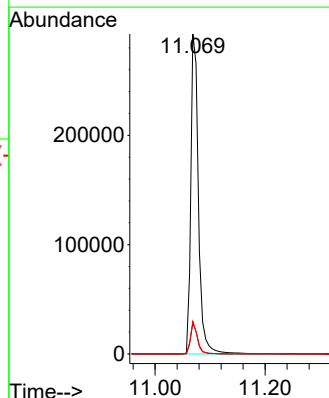
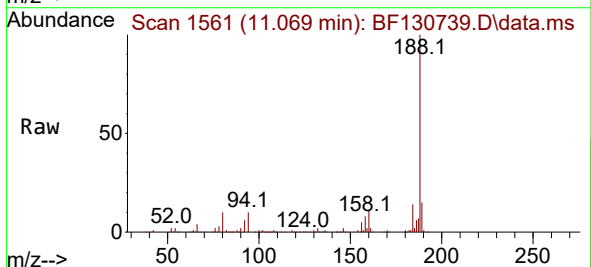
Tgt Ion:188 Resp: 281855

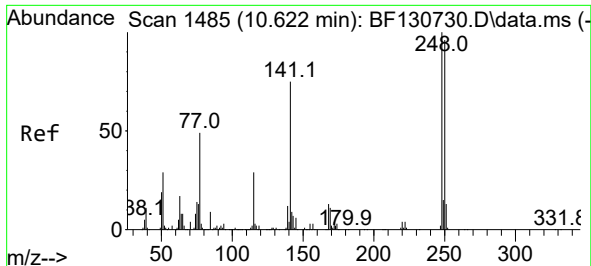
Ion Ratio Lower Upper

188 100

94 9.7 6.7 10.1

80 10.2 7.4 11.0

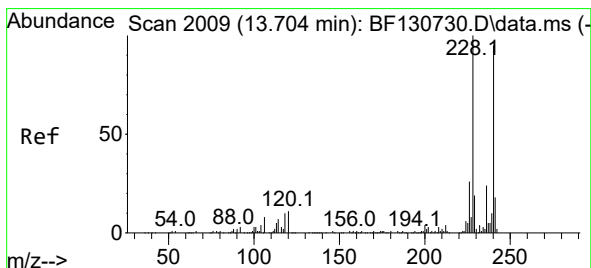
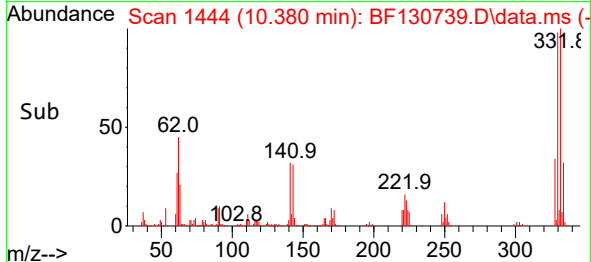
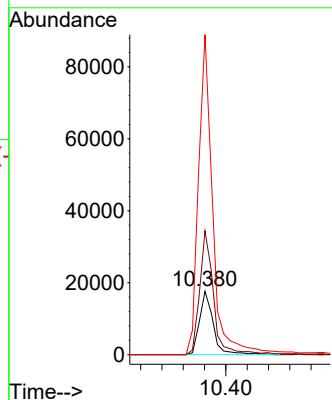
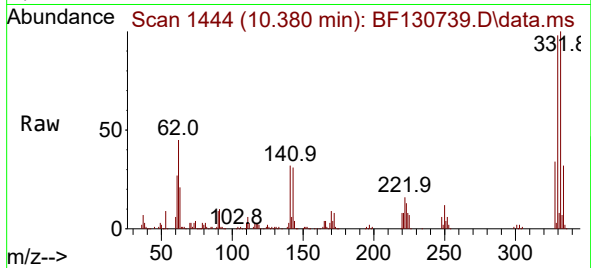




#67
4-Bromophenyl-phenylether
Concen: 4.683 ng
RT: 10.380 min Scan# 1485
Delta R.T. -0.241 min
Lab File: BF130739.D
Acq: 21 Oct 2022 11:18

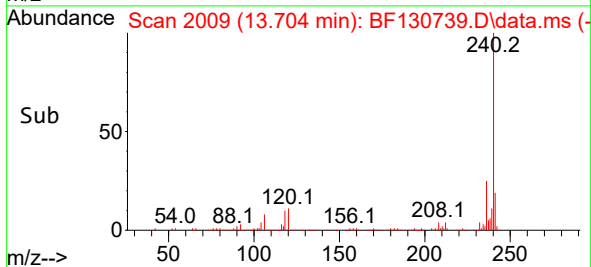
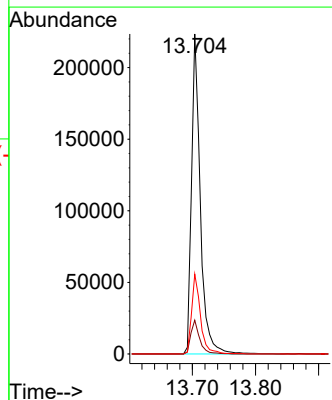
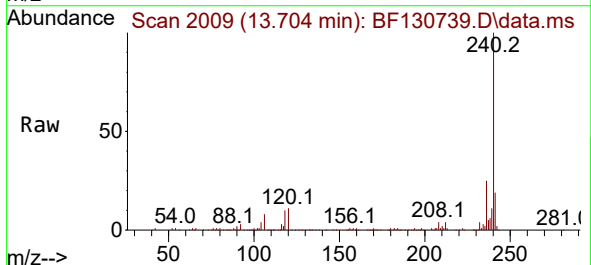
Instrument :
BNA_F
ClientSampleId :
PB148422BL

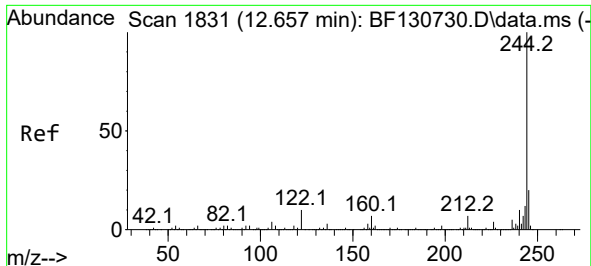
Tgt Ion:248 Resp: 15878
Ion Ratio Lower Upper
248 100
250 195.2 77.0 115.6#
141 504.5 60.1 90.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.704 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF130739.D
Acq: 21 Oct 2022 11:18

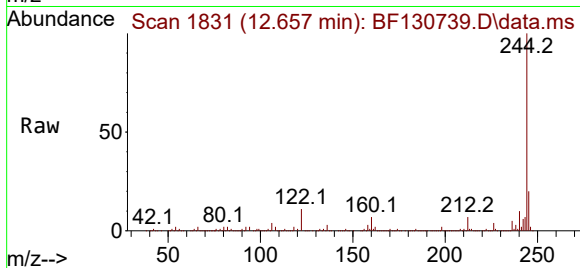
Tgt Ion:240 Resp: 216901
Ion Ratio Lower Upper
240 100
120 10.5 9.6 14.4
236 24.9 20.2 30.2



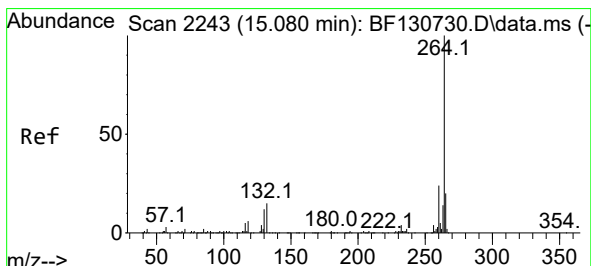
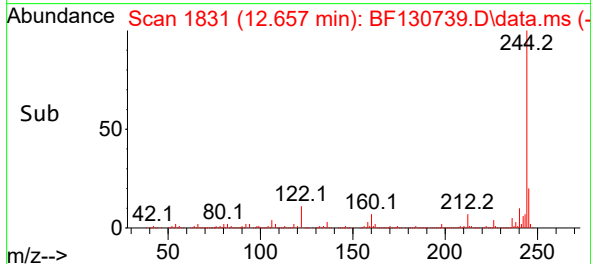
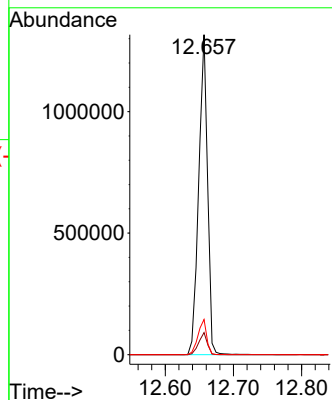


#79
 Terphenyl-d14
 Concen: 91.735 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF130739.D
 Acq: 21 Oct 2022 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB148422BL



Tgt Ion:244 Resp: 1180726
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.0 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.080 min Scan# 2243
 Delta R.T. 0.000 min
 Lab File: BF130739.D
 Acq: 21 Oct 2022 11:18

Tgt Ion:264 Resp: 171225
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.8 28.2
 265 21.3 16.2 24.4

