

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130432.D
 Acq On : 27 Sep 2022 19:12
 Operator : CG\JU
 Sample : N4823-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JEFFERSON-ST

Quant Time: Sep 28 03:01:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

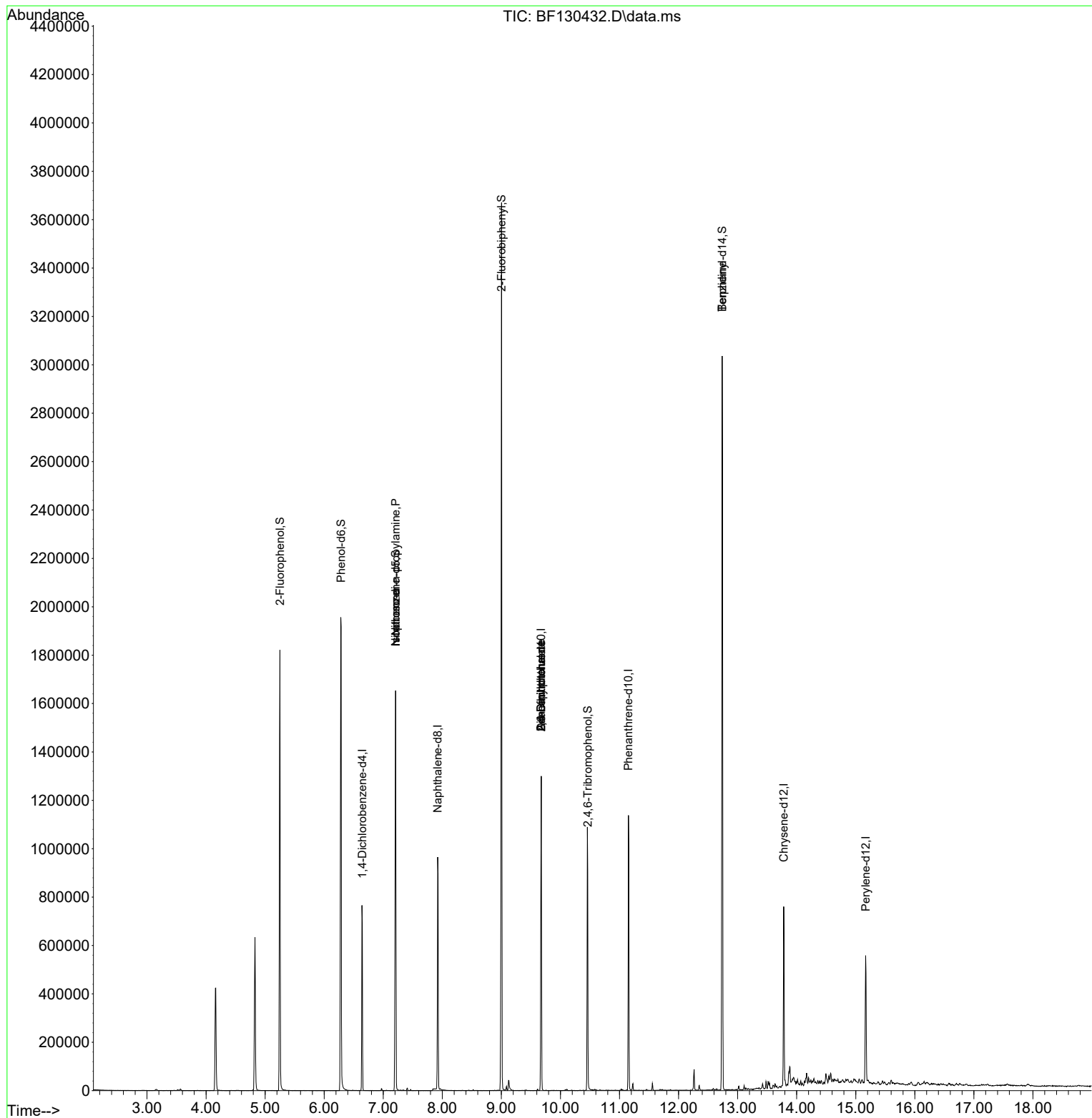
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	110476	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	446903	20.000	ng	0.00
39) Acenaphthene-d10	9.674	164	239578	20.000	ng	0.00
64) Phenanthrene-d10	11.151	188	404788	20.000	ng	0.00
76) Chrysene-d12	13.780	240	240963	20.000	ng	-0.01
86) Perylene-d12	15.168	264	224821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	486606	76.397	ng	0.00
7) Phenol-d6	6.286	99	750084	94.117	ng	0.00
23) Nitrobenzene-d5	7.210	82	516426	59.036	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	124457	54.215	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	1037372	63.053	ng	0.00
79) Terphenyl-d14	12.739	244	1052174	72.331	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.210	70	70103	13.036	ng	# 72
25) Isophorone	7.210	82	516421	36.628	ng	# 66
50) Dimethylphthalate	9.674	163	44745	2.704	ng	# 1
51) 2,6-Dinitrotoluene	9.674	165	30832	8.908	ng	# 16
57) 2,4-Dinitrotoluene	9.674	165	30832	6.970	ng	# 16
77) Benzidine	12.739	184	15274	2.184	ng	# 92

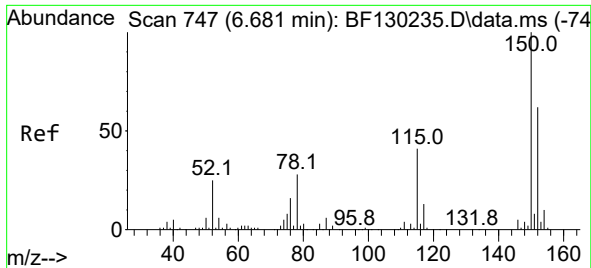
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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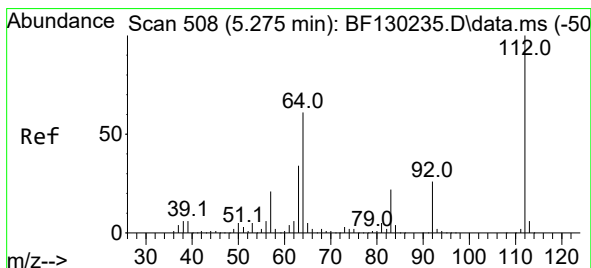
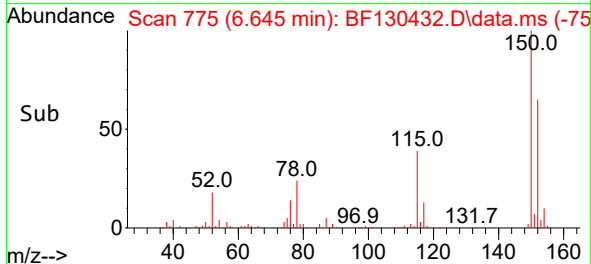
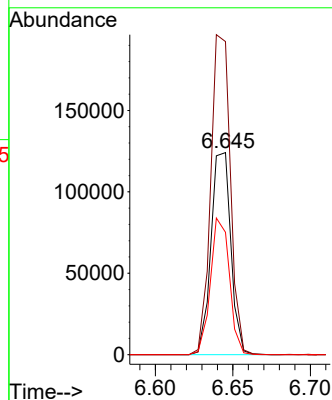
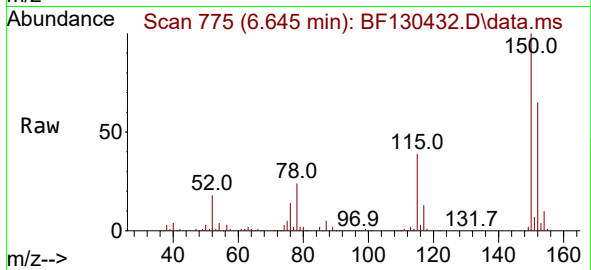




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.645 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130432.D
Acq: 27 Sep 2022 19:12

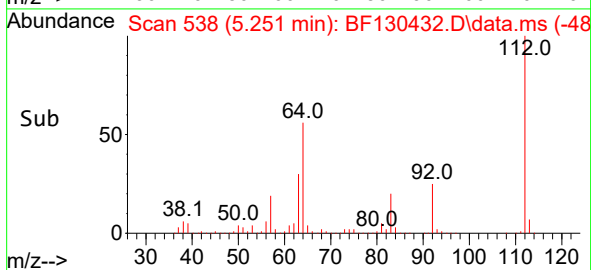
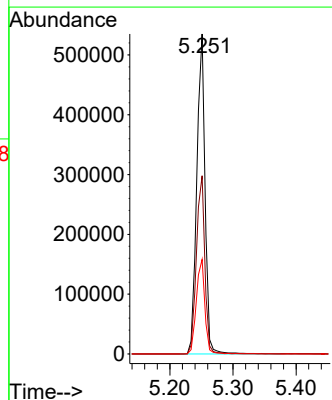
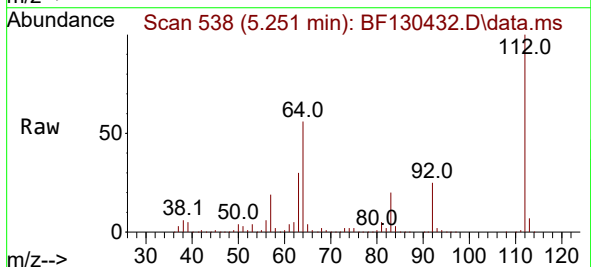
Instrument :
BNA_F
ClientSampleId :
JEFFERSON-ST

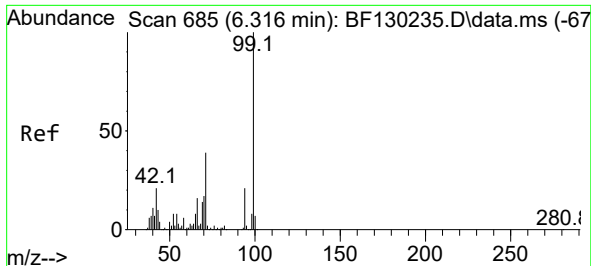
Tgt Ion:152 Resp: 110476
Ion Ratio Lower Upper
152 100
150 155.0 122.8 184.2
115 60.6 53.8 80.8



#5
2-Fluorophenol
Concen: 76.397 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130432.D
Acq: 27 Sep 2022 19:12

Tgt Ion:112 Resp: 486606
Ion Ratio Lower Upper
112 100
64 55.7 51.4 77.0
63 29.6 28.8 43.2

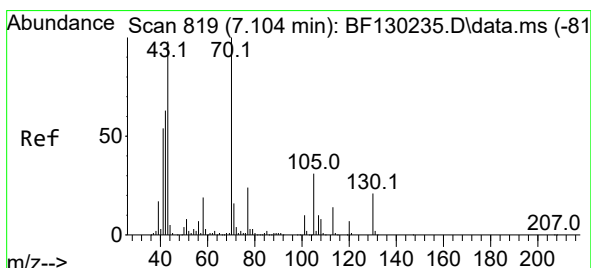
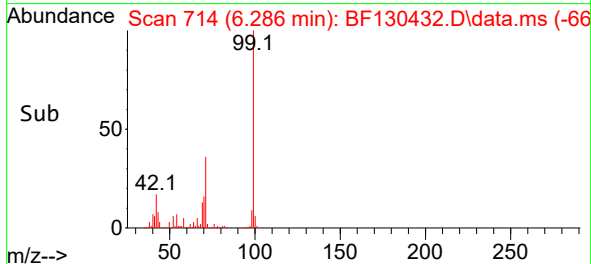
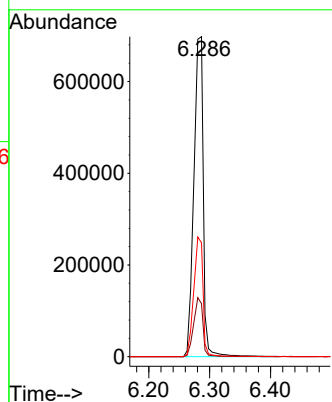
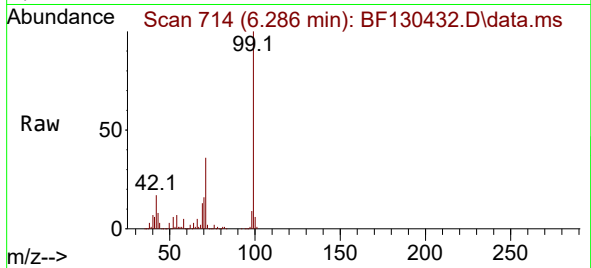




#7
Phenol-d6
Concen: 94.117 ng
RT: 6.286 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130432.D
Acq: 27 Sep 2022 19:12

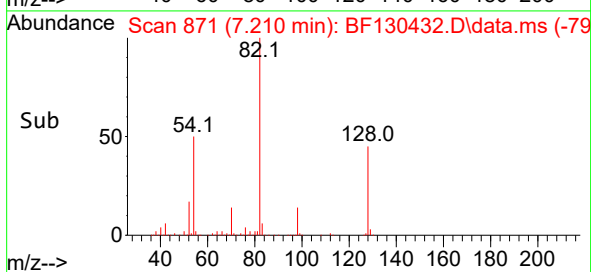
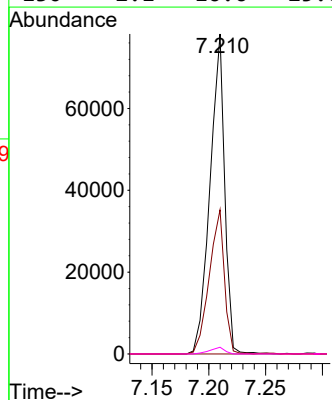
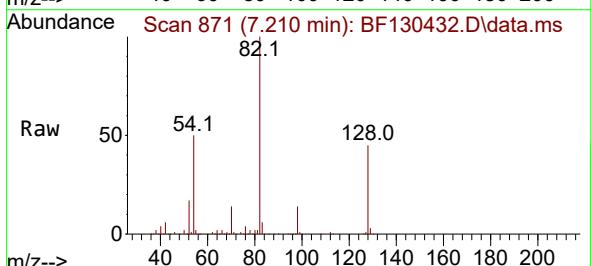
Instrument :
BNA_F
ClientSampleId :
JEFFERSON-ST

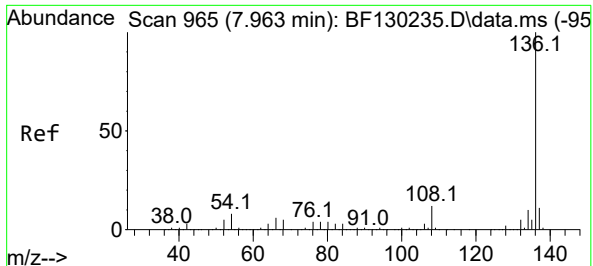
Tgt Ion: 99 Resp: 750084
Ion Ratio Lower Upper
99 100
42 16.6 17.0 25.6#
71 35.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.036 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF130432.D
Acq: 27 Sep 2022 19:12

Tgt Ion: 70 Resp: 70103
Ion Ratio Lower Upper
70 100
42 45.1 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

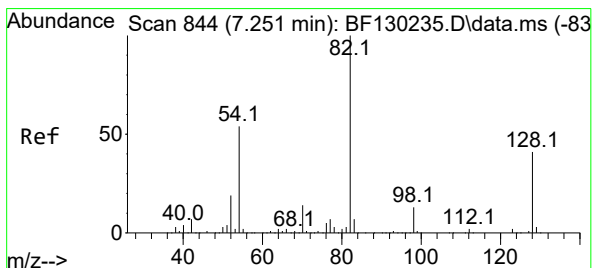
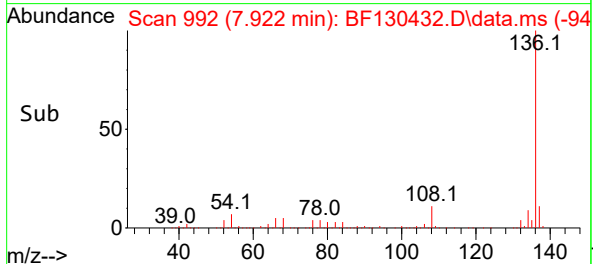
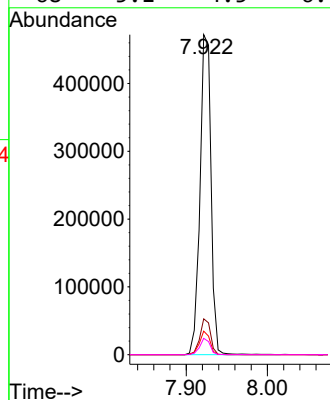
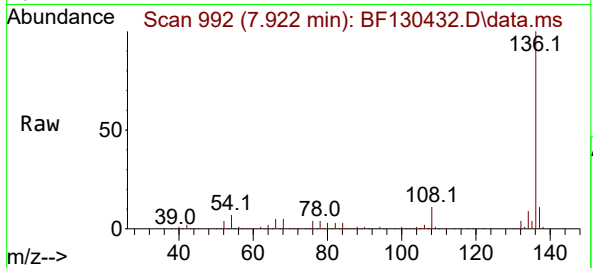




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130432.D
Acq: 27 Sep 2022 19:12

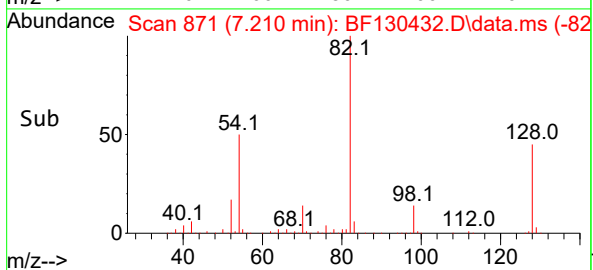
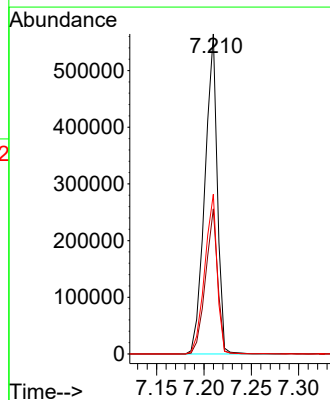
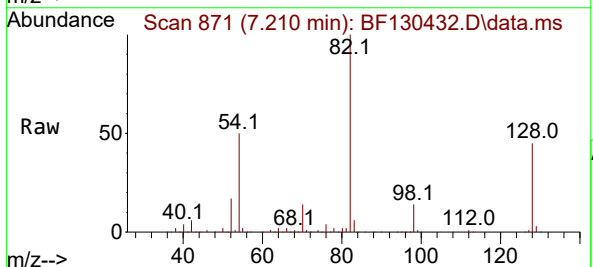
Instrument :
BNA_F
ClientSampleId :
JEFFERSON-ST

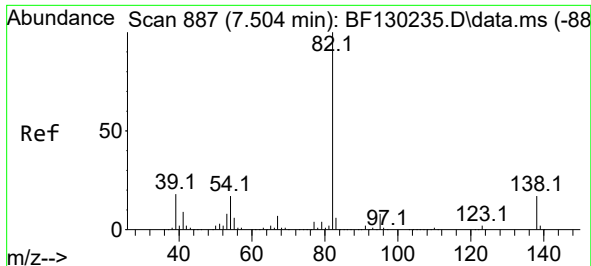
Tgt Ion:136 Resp: 446903
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.4 7.1 10.7
68 5.1 4.5 6.7



#23
Nitrobenzene-d5
Concen: 59.036 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF130432.D
Acq: 27 Sep 2022 19:12

Tgt Ion: 82 Resp: 516426
Ion Ratio Lower Upper
82 100
128 45.3 32.6 49.0
54 49.9 43.8 65.6

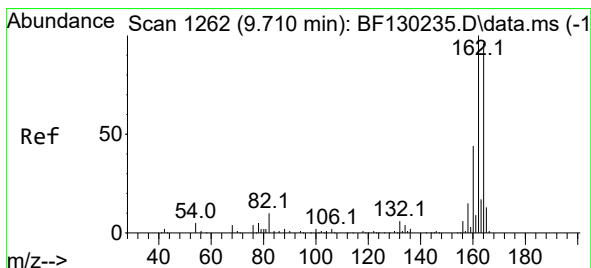
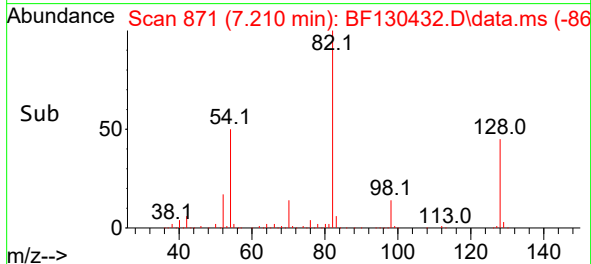
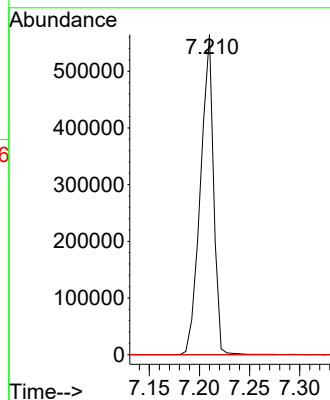
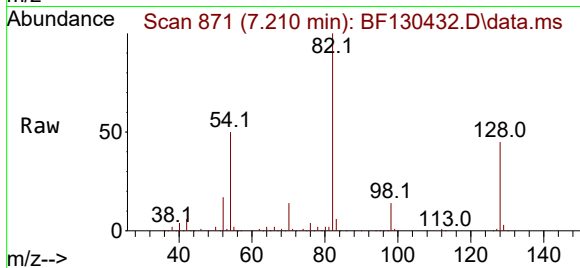




#25
Isophorone
Concen: 36.628 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130432.D
Acq: 27 Sep 2022 19:12

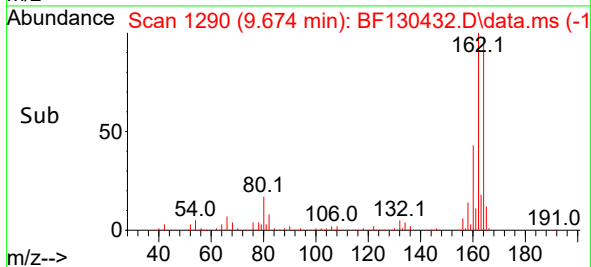
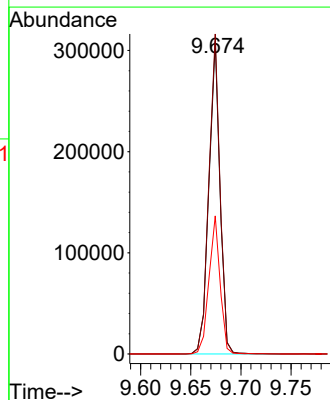
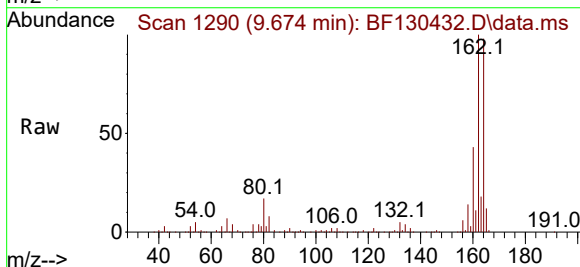
Instrument :
BNA_F
ClientSampleId :
JEFFERSON-ST

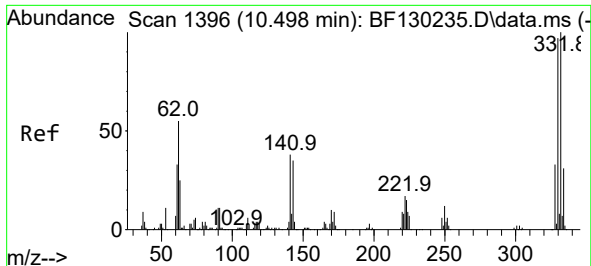
Tgt Ion: 82 Resp: 516421
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.674 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF130432.D
Acq: 27 Sep 2022 19:12

Tgt Ion: 164 Resp: 239578
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 44.2 36.2 54.4

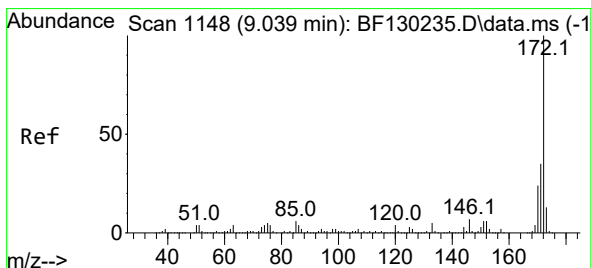
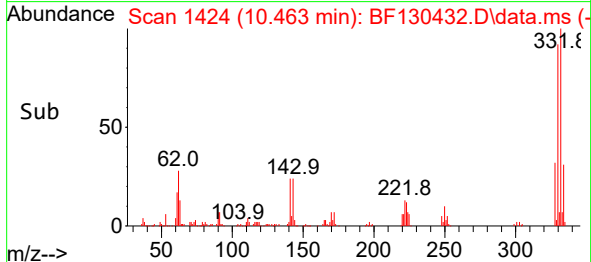
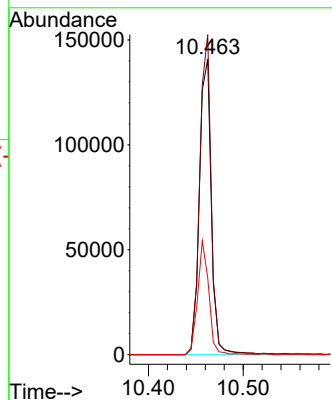
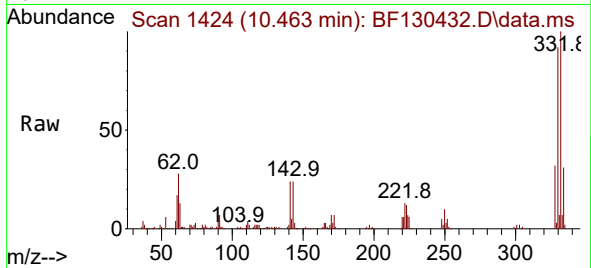




#42
2,4,6-Tribromophenol
Concen: 54.215 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF130432.D
Acq: 27 Sep 2022 19:12

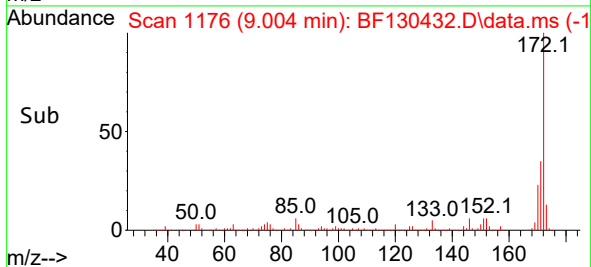
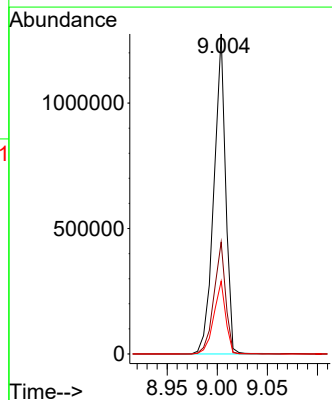
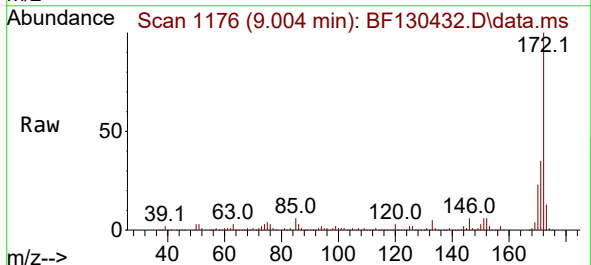
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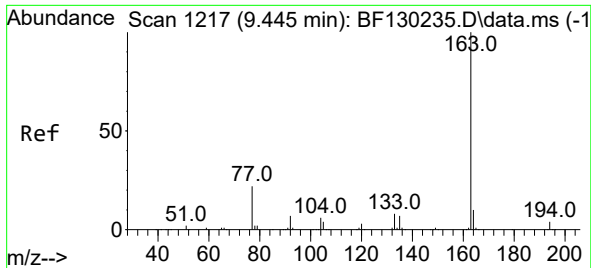
Tgt Ion: 330 Resp: 124457
Ion Ratio Lower Upper
330 100
332 104.6 83.4 125.2
141 36.0 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 63.053 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF130432.D
Acq: 27 Sep 2022 19:12

Tgt Ion: 172 Resp: 1037372
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.8 18.7 28.1

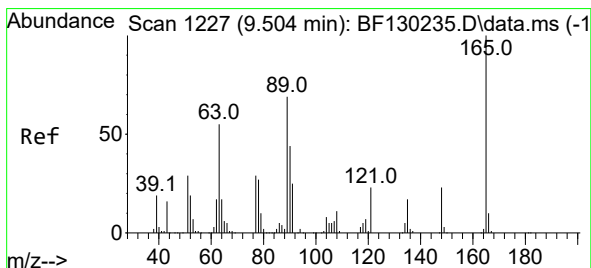
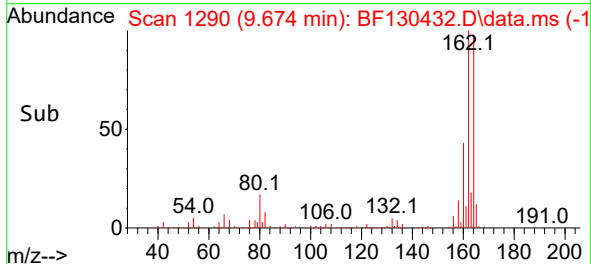
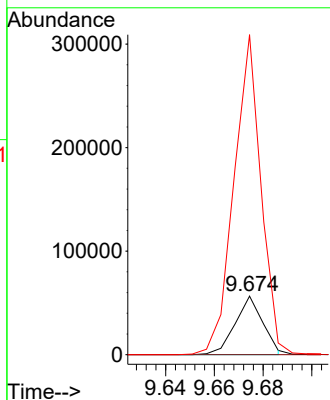
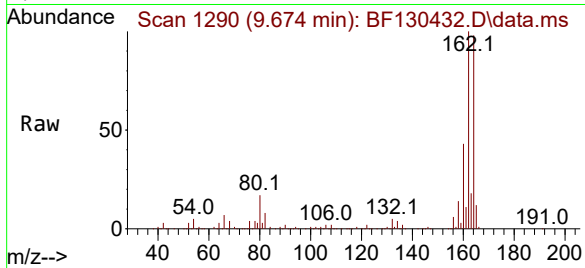




#50
Dimethylphthalate
Concen: 2.704 ng
RT: 9.674 min Scan# 1290
Delta R.T. 0.259 min
Lab File: BF130432.D
Acq: 27 Sep 2022 19:12

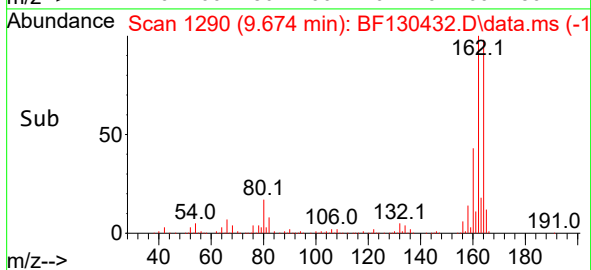
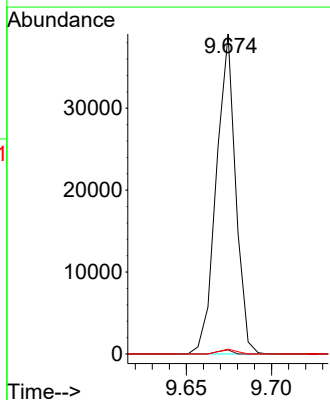
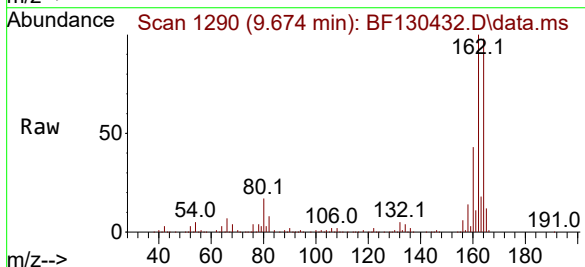
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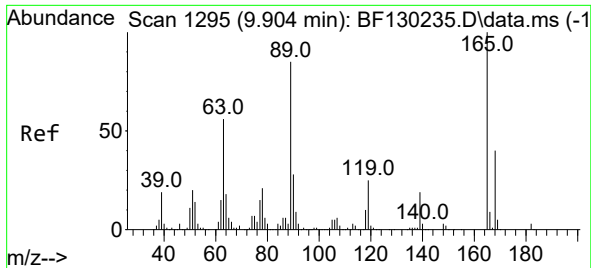
Tgt Ion:163 Resp: 44745
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 546.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.908 ng
RT: 9.674 min Scan# 1290
Delta R.T. 0.200 min
Lab File: BF130432.D
Acq: 27 Sep 2022 19:12

Tgt Ion:165 Resp: 30832
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.5 54.5 81.7#

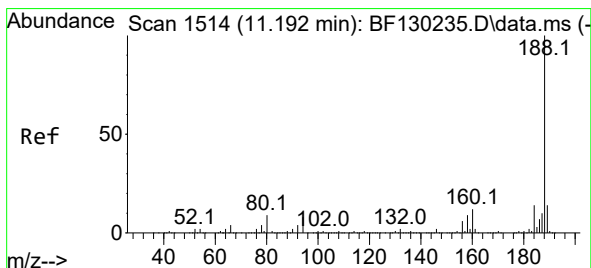
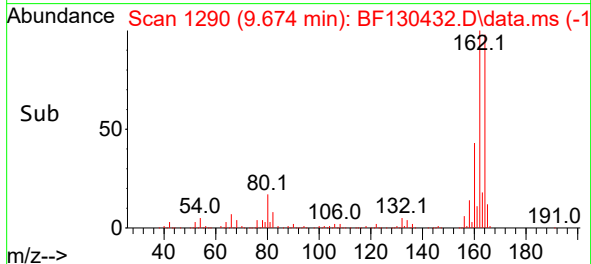
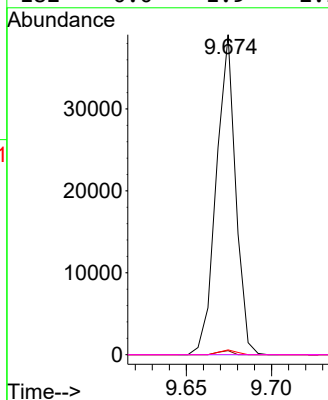
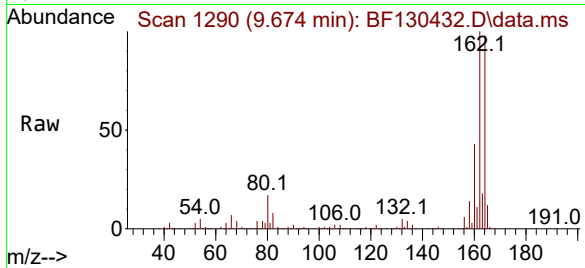




#57
2,4-Dinitrotoluene
Concen: 6.970 ng
RT: 9.674 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130432.D
Acq: 27 Sep 2022 19:12

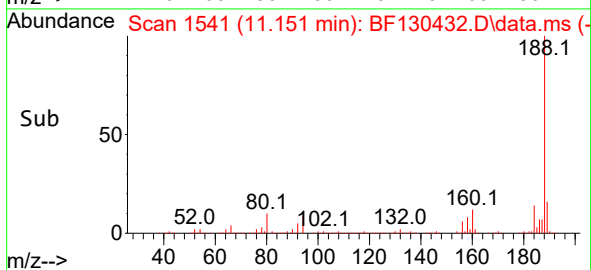
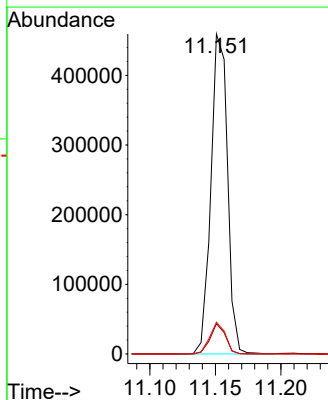
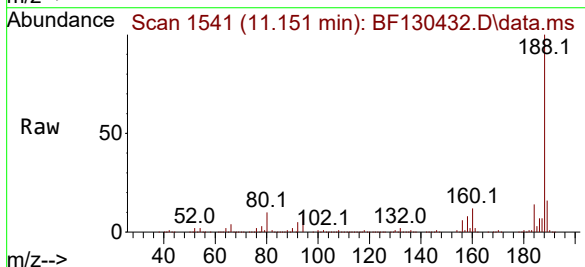
Instrument :
BNA_F
ClientSampleId :
JEFFERSON-ST

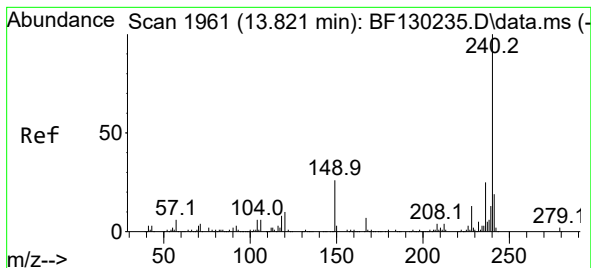
Tgt Ion:165 Resp: 30832
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.5 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF130432.D
Acq: 27 Sep 2022 19:12

Tgt Ion:188 Resp: 404788
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 9.9 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.780 min Scan# 1811

Delta R.T. -0.012 min

Lab File: BF130432.D

Acq: 27 Sep 2022 19:12

Instrument :

BNA_F

ClientSampleId :

JEFFERSON-ST

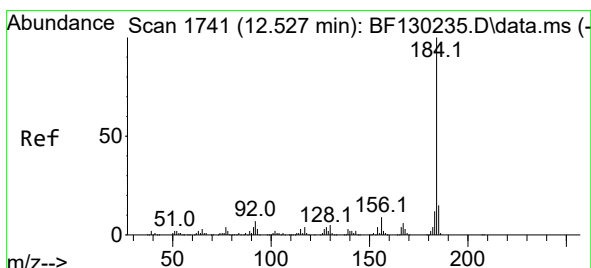
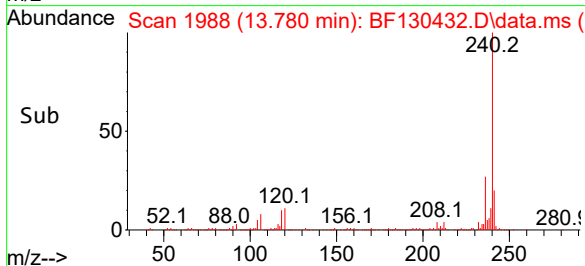
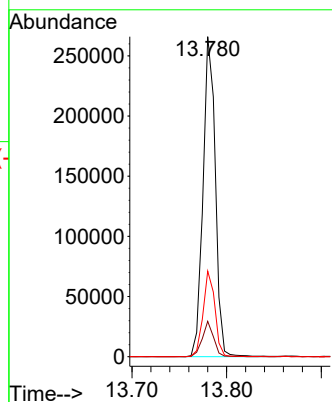
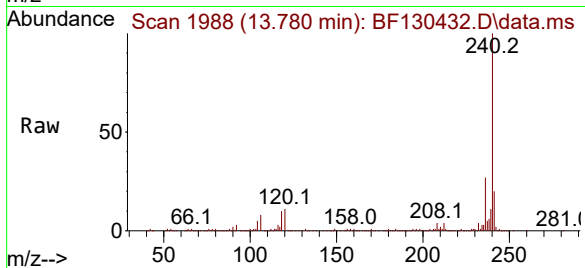
Tgt Ion:240 Resp: 240963

Ion Ratio Lower Upper

240 100

120 11.1 8.7 13.1

236 26.8 20.9 31.3



#77

Benidine

Concen: 2.184 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.241 min

Lab File: BF130432.D

Acq: 27 Sep 2022 19:12

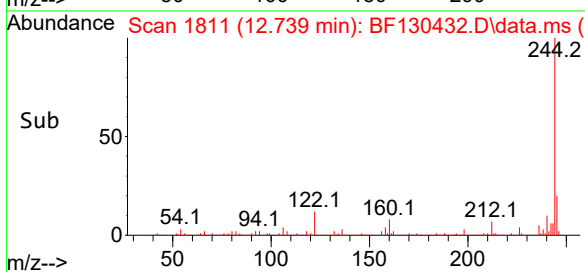
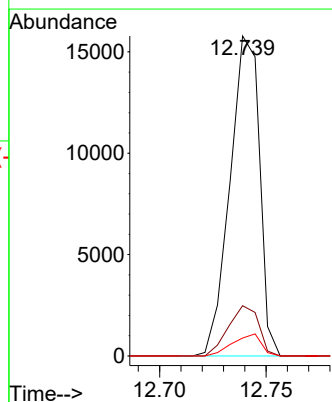
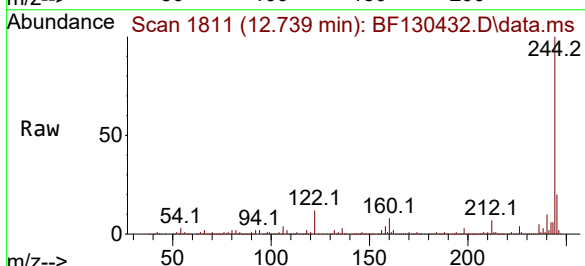
Tgt Ion:184 Resp: 15274

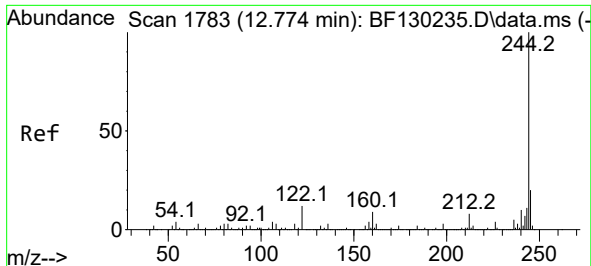
Ion Ratio Lower Upper

184 100

185 15.7 11.8 17.6

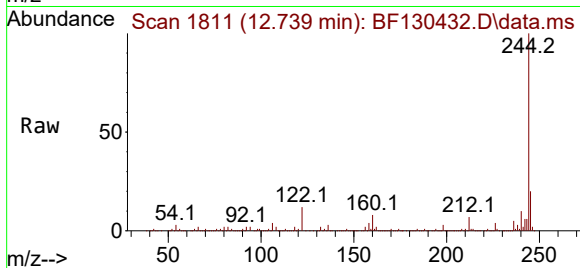
183 5.6 9.1 13.7#



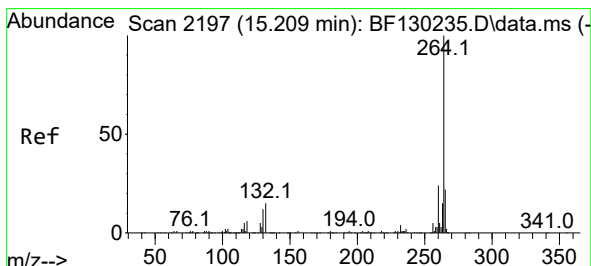
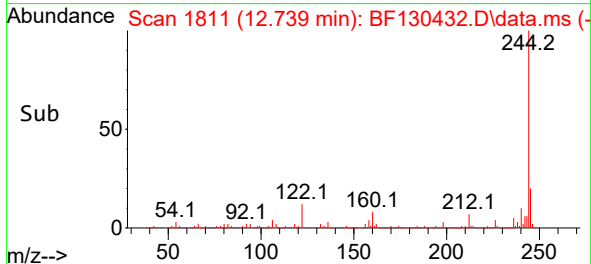
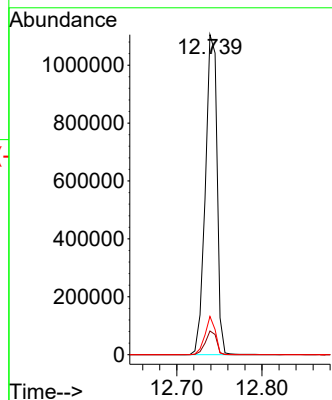


#79
 Terphenyl-d14
 Concen: 72.331 ng
 RT: 12.739 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF130432.D
 Acq: 27 Sep 2022 19:12

Instrument :
 BNA_F
 ClientSampleId :
 JEFFERSON-ST



Tgt Ion:244 Resp: 1052174
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.0 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130432.D
 Acq: 27 Sep 2022 19:12

Tgt Ion:264 Resp: 224821
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 21.7 17.0 25.4

