

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130431.D
 Acq On : 27 Sep 2022 18:37
 Operator : CG\JU
 Sample : N4823-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FOREST-ST

Quant Time: Sep 28 03:01:27 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)

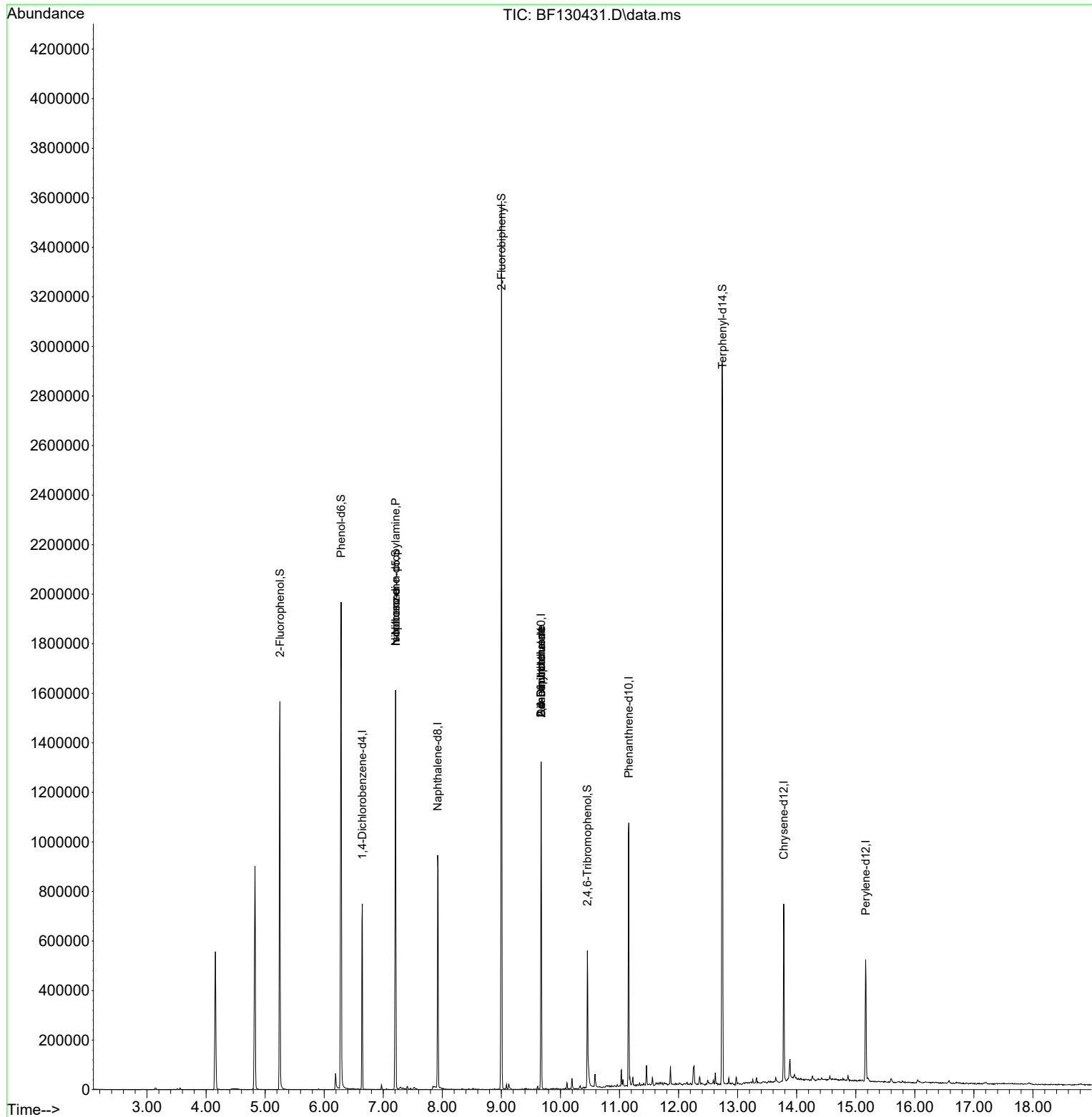
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	105051	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	432335	20.000	ng	0.00
39) Acenaphthene-d10	9.674	164	234825	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	387420	20.000	ng	# 0.00
76) Chrysene-d12	13.780	240	239324	20.000	ng	-0.01
86) Perylene-d12	15.168	264	203272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	439645	72.588	ng	0.00
7) Phenol-d6	6.286	99	724136	95.554	ng	0.00
23) Nitrobenzene-d5	7.210	82	504100	59.569	ng	0.00
42) 2,4,6-Tribromophenol	10.457	330	62503	27.778	ng	-0.01
45) 2-Fluorobiphenyl	9.004	172	1011689	62.737	ng	0.00
79) Terphenyl-d14	12.745	244	1035620	71.681	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.210	70	67808	13.260	ng	# 71
25) Isophorone	7.210	82	504096	36.959	ng	# 66
50) Dimethylphthalate	9.674	163	43913	2.707	ng	# 1
51) 2,6-Dinitrotoluene	9.674	165	29417	8.672	ng	# 15
57) 2,4-Dinitrotoluene	9.674	165	29417	6.785	ng	# 16

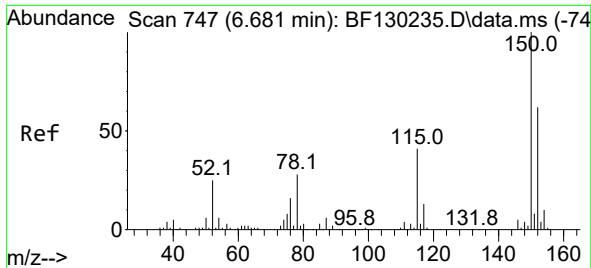
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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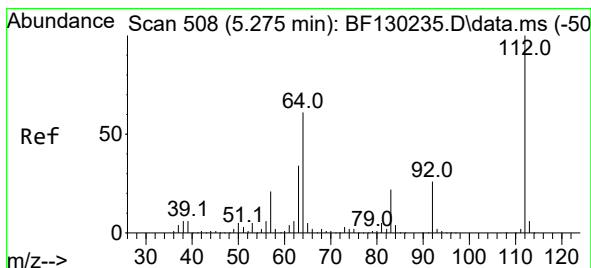
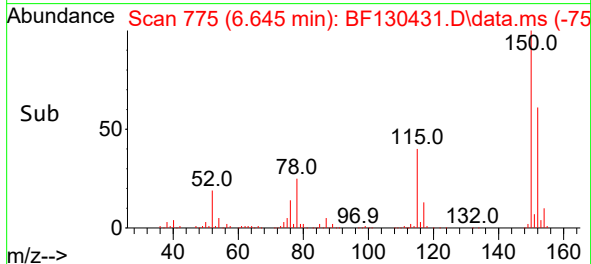
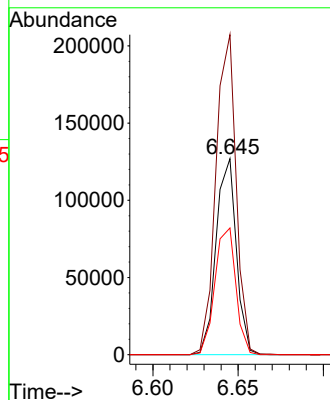
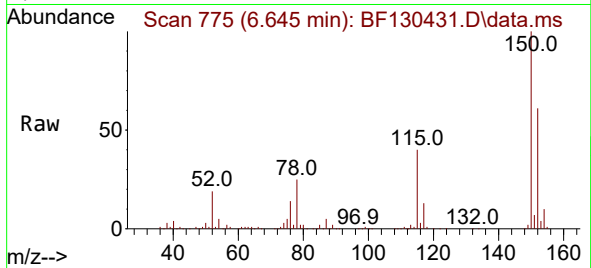




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130431.D
 Acq: 27 Sep 2022 18:37

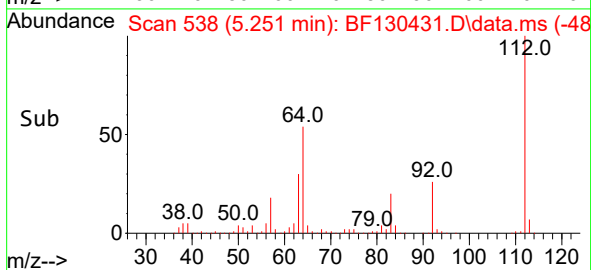
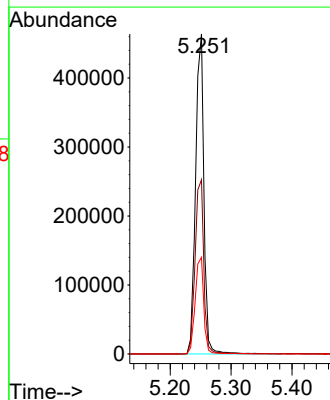
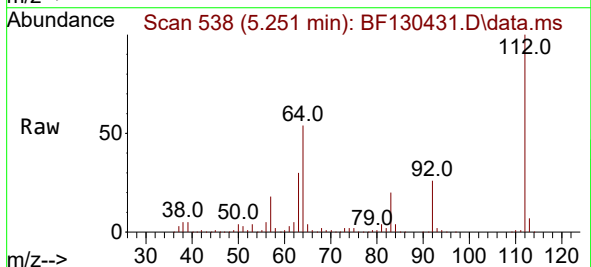
Instrument :
 BNA_F
 ClientSampleId :
 FOREST-ST

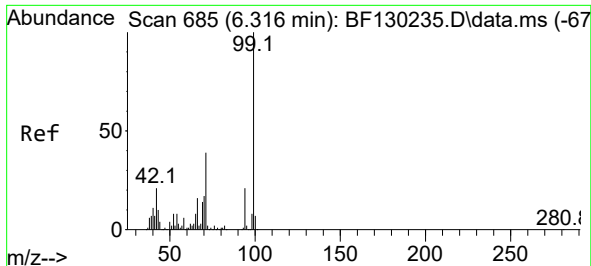
Tgt Ion:152 Resp: 105051
 Ion Ratio Lower Upper
 152 100
 150 163.3 122.8 184.2
 115 64.7 53.8 80.8



#5
 2-Fluorophenol
 Concen: 72.588 ng
 RT: 5.251 min Scan# 538
 Delta R.T. 0.006 min
 Lab File: BF130431.D
 Acq: 27 Sep 2022 18:37

Tgt Ion:112 Resp: 439645
 Ion Ratio Lower Upper
 112 100
 64 54.4 51.4 77.0
 63 30.2 28.8 43.2

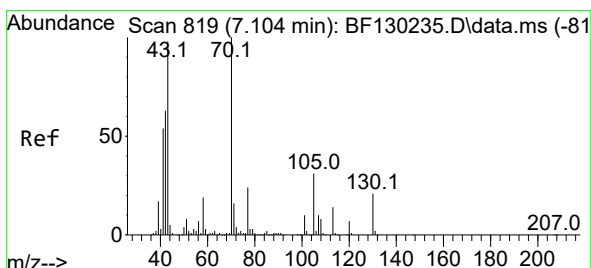
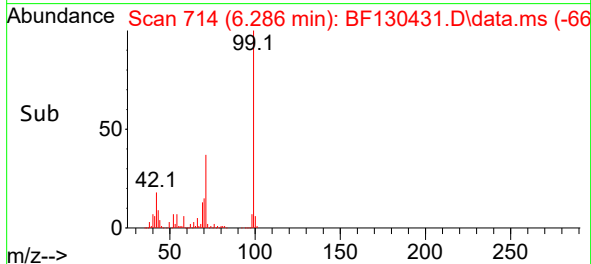
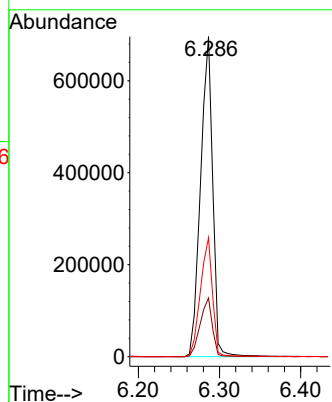
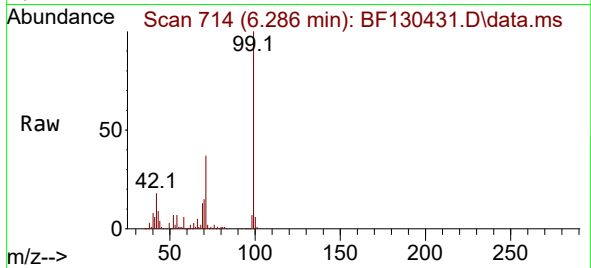




#7
Phenol-d6
Concen: 95.554 ng
RT: 6.286 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130431.D
Acq: 27 Sep 2022 18:37

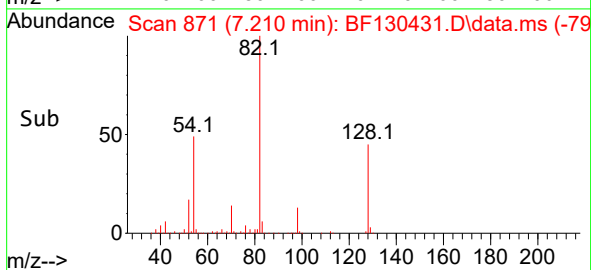
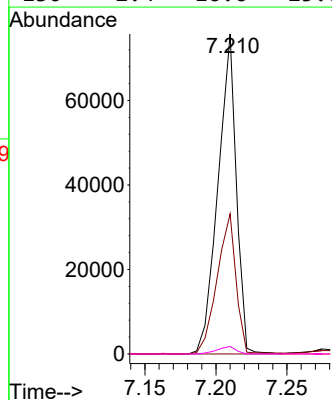
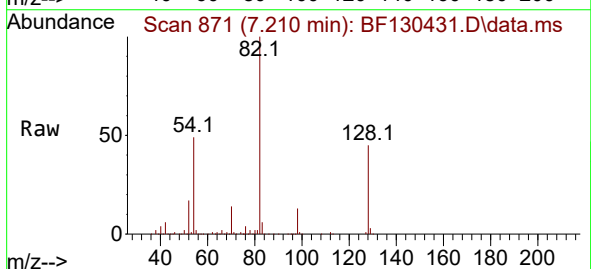
Instrument :
BNA_F
ClientSampleId :
FOREST-ST

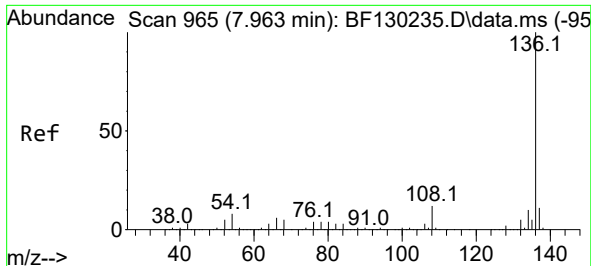
Tgt Ion: 99 Resp: 724136
Ion Ratio Lower Upper
99 100
42 18.4 17.0 25.6
71 37.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.260 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF130431.D
Acq: 27 Sep 2022 18:37

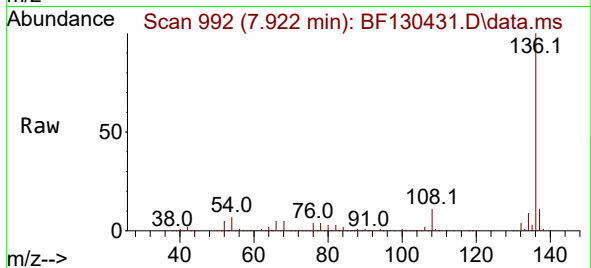
Tgt Ion: 70 Resp: 67808
Ion Ratio Lower Upper
70 100
42 43.8 50.8 76.2#
101 0.0 8.2 12.4#
130 2.4 16.6 25.0#



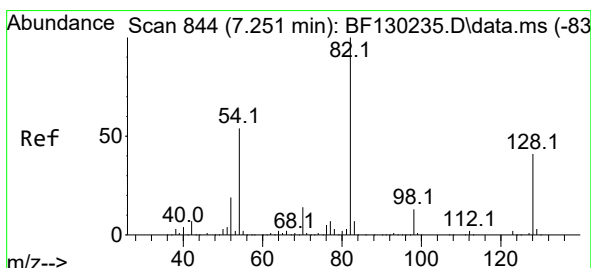
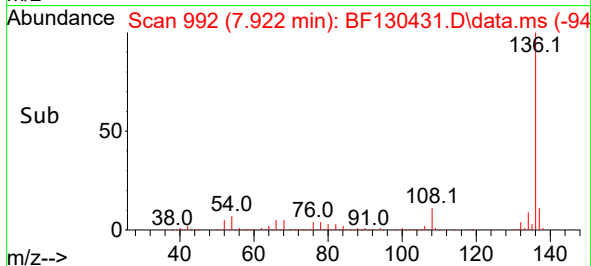
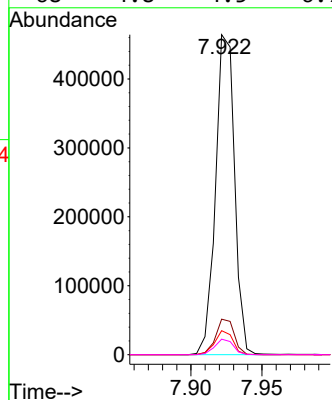


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130431.D
Acq: 27 Sep 2022 18:37

Instrument :
BNA_F
ClientSampleId :
FOREST-ST

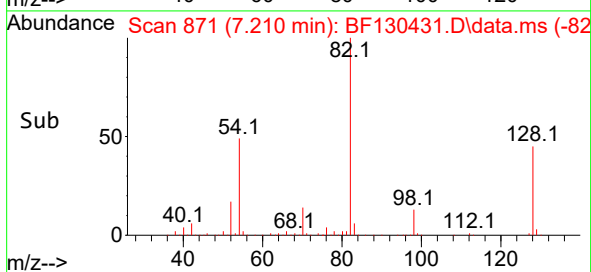
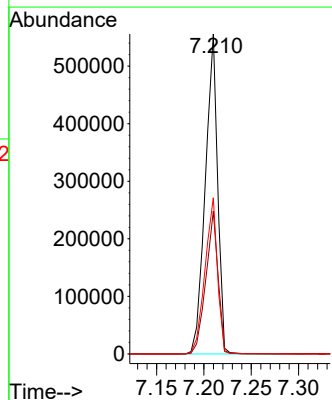
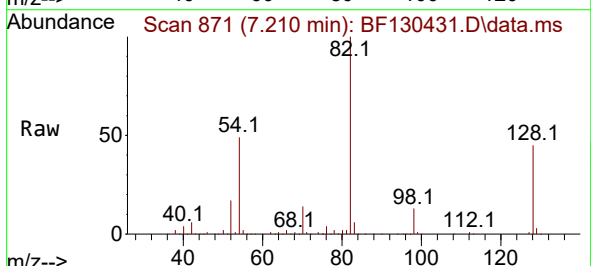


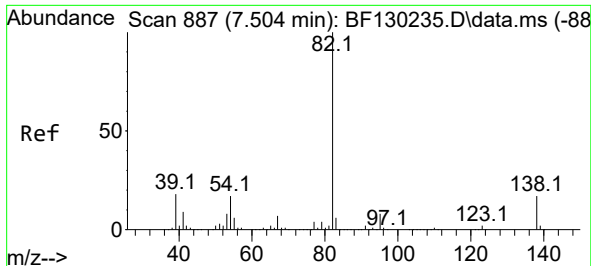
Tgt Ion:136 Resp: 432335
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.5 7.1 10.7
68 4.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 59.569 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF130431.D
Acq: 27 Sep 2022 18:37

Tgt Ion: 82 Resp: 504100
Ion Ratio Lower Upper
82 100
128 44.6 32.6 49.0
54 48.8 43.8 65.6

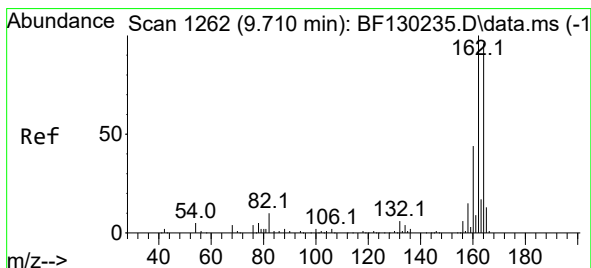
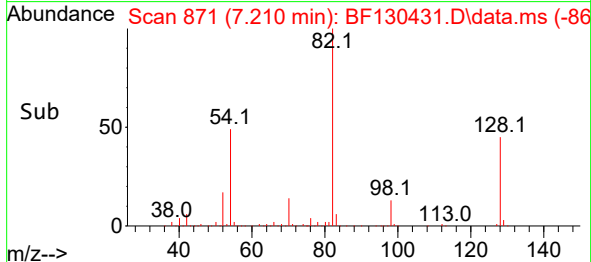
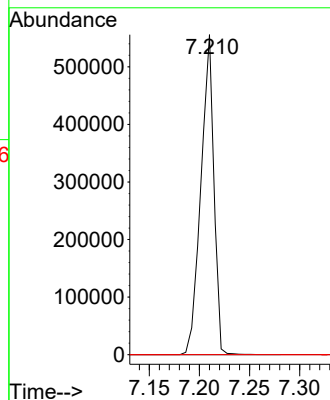
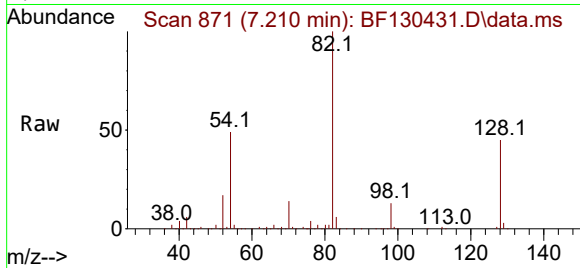




#25
Isophorone
Concen: 36.959 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130431.D
Acq: 27 Sep 2022 18:37

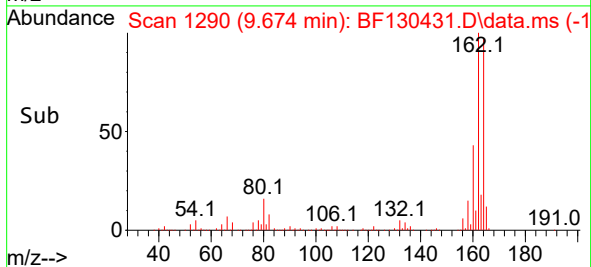
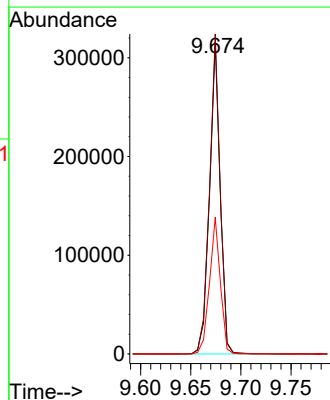
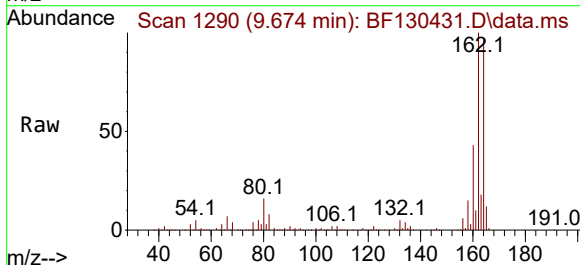
Instrument :
BNA_F
ClientSampleId :
FOREST-ST

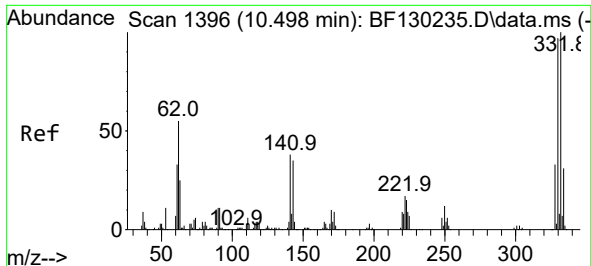
Tgt Ion: 82 Resp: 504096
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.674 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF130431.D
Acq: 27 Sep 2022 18:37

Tgt Ion: 164 Resp: 234825
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 43.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 27.778 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.012 min

Lab File: BF130431.D

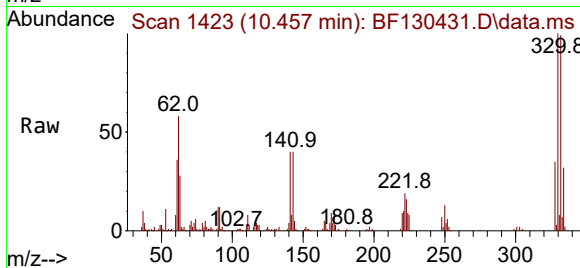
Acq: 27 Sep 2022 18:37

Instrument :

BNA_F

ClientSampleId :

FOREST-ST



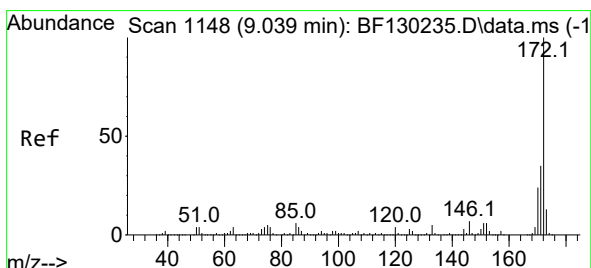
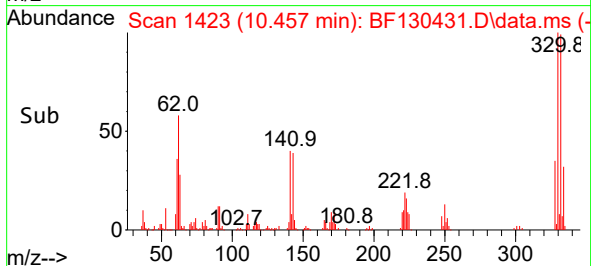
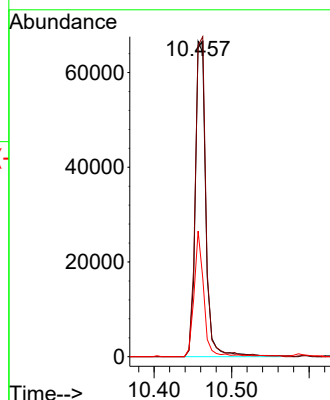
Tgt Ion:330 Resp: 62503

Ion Ratio Lower Upper

330 100

332 103.1 83.4 125.2

141 36.9 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 62.737 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF130431.D

Acq: 27 Sep 2022 18:37

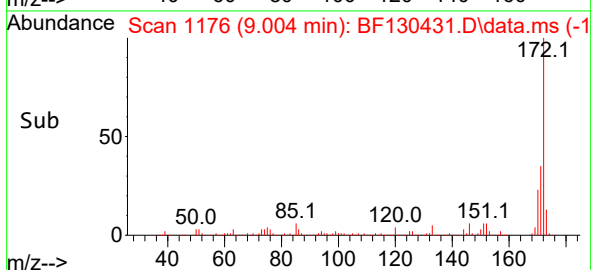
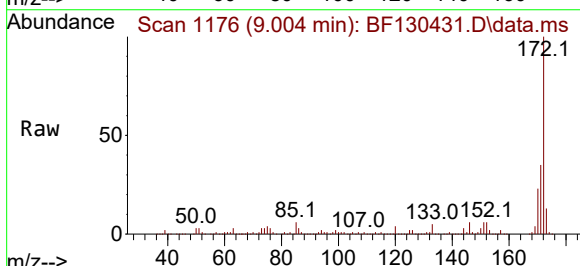
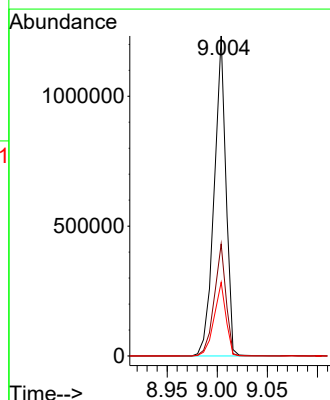
Tgt Ion:172 Resp: 1011689

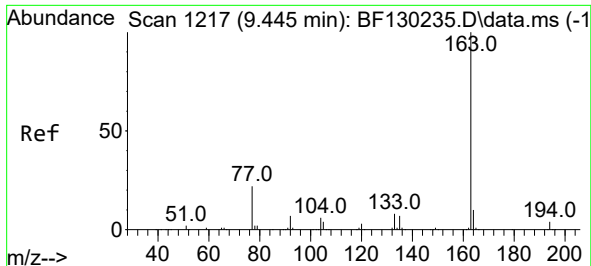
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.0 18.7 28.1

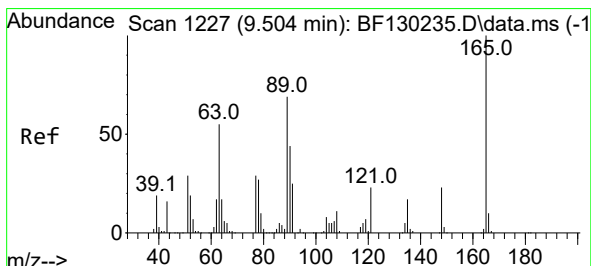
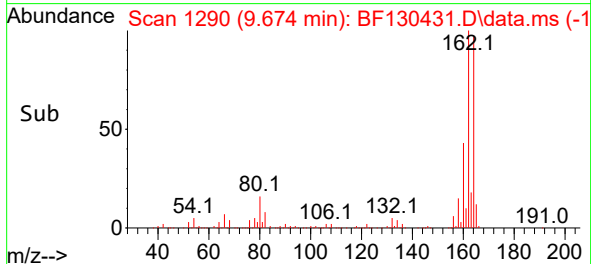
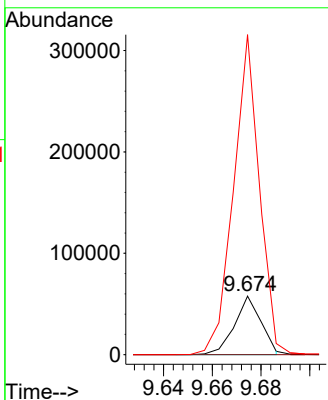
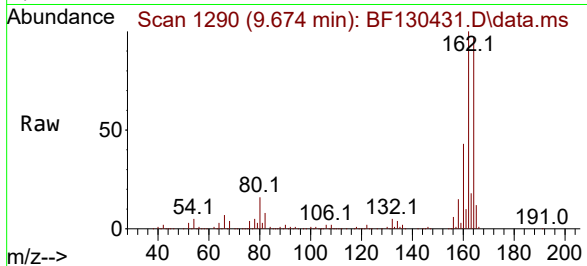




#50
Dimethylphthalate
Concen: 2.707 ng
RT: 9.674 min Scan# 1290
Delta R.T. 0.259 min
Lab File: BF130431.D
Acq: 27 Sep 2022 18:37

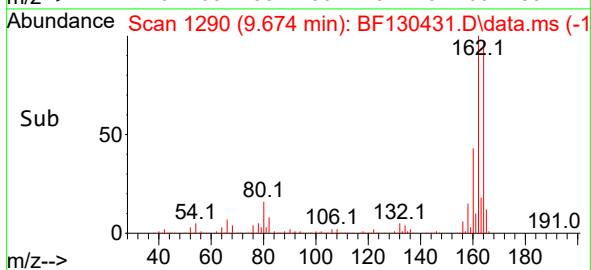
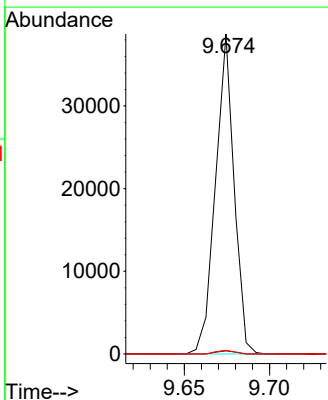
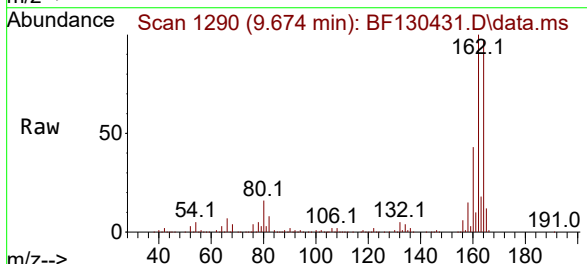
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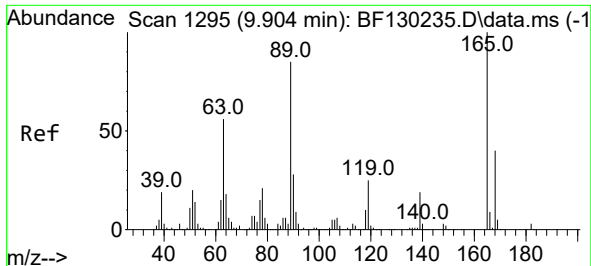
Tgt Ion:163 Resp: 43913
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 546.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.672 ng
RT: 9.674 min Scan# 1290
Delta R.T. 0.200 min
Lab File: BF130431.D
Acq: 27 Sep 2022 18:37

Tgt Ion:165 Resp: 29417
Ion Ratio Lower Upper
165 100
63 1.0 58.8 88.2#
89 1.2 54.5 81.7#

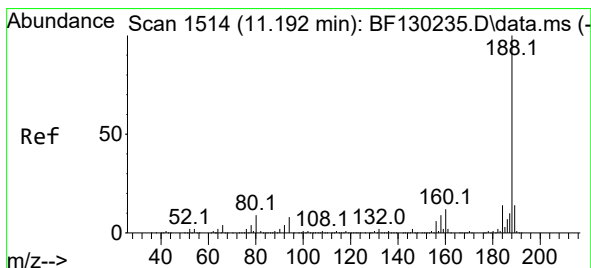
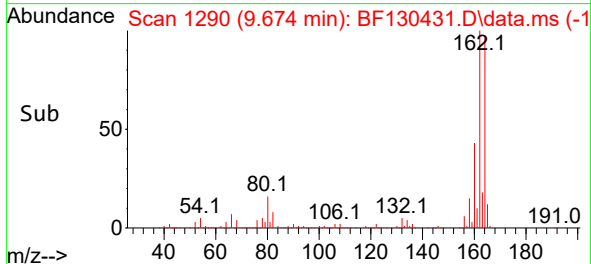
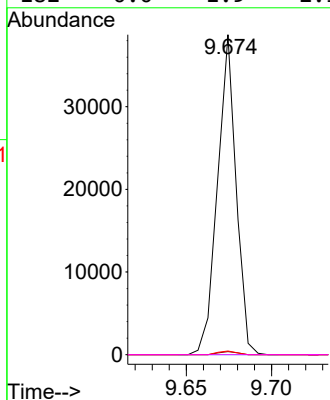
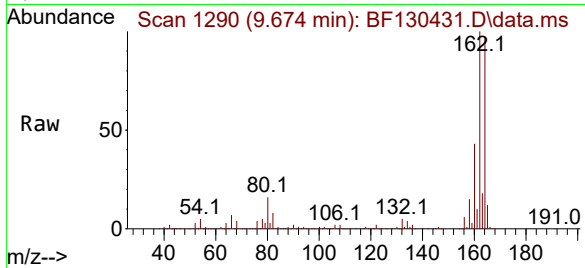




#57
2,4-Dinitrotoluene
Concen: 6.785 ng
RT: 9.674 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130431.D
Acq: 27 Sep 2022 18:37

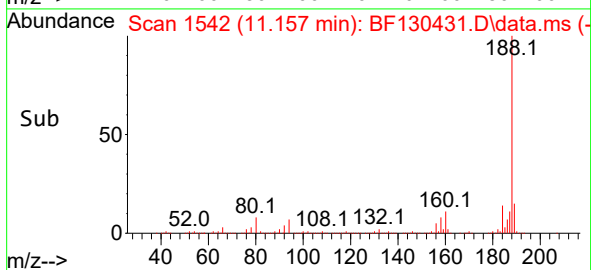
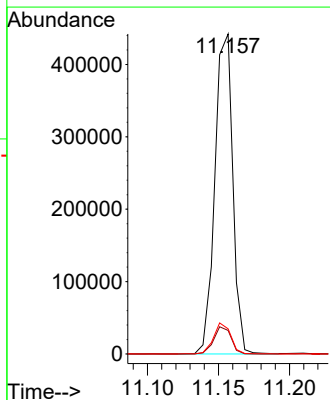
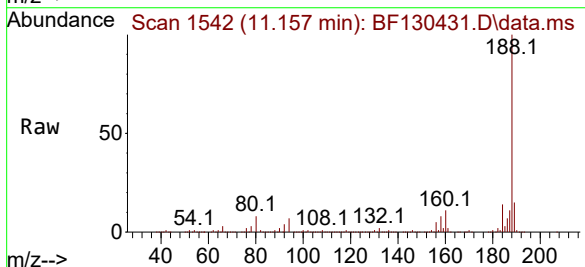
Instrument :
BNA_F
ClientSampleId :
FOREST-ST

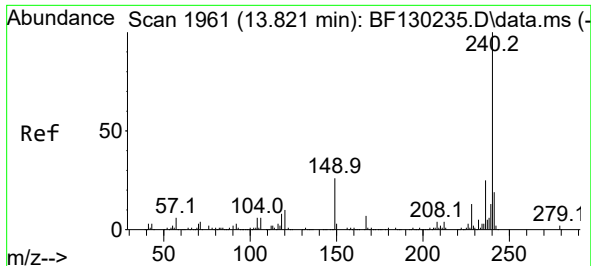
Tgt Ion:165 Resp: 29417
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.2 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BF130431.D
Acq: 27 Sep 2022 18:37

Tgt Ion:188 Resp: 387420
Ion Ratio Lower Upper
188 100
94 7.3 7.4 11.2#
80 7.8 7.9 11.9#

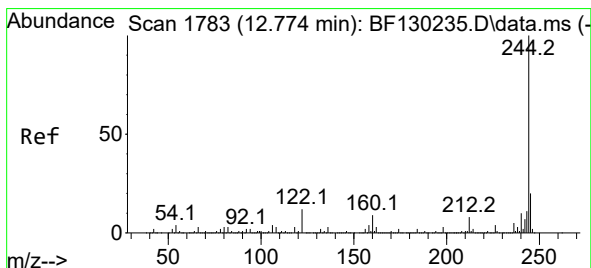
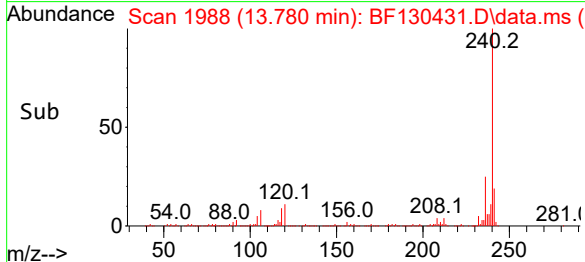
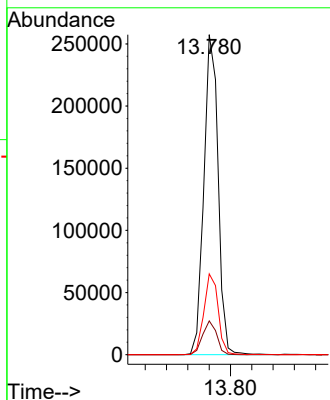
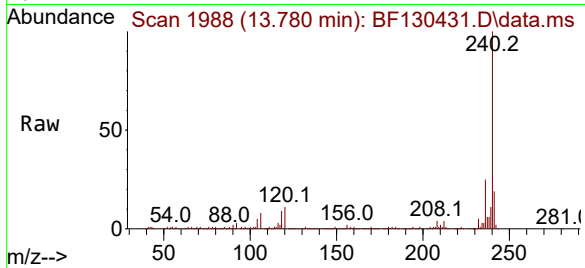




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF130431.D
Acq: 27 Sep 2022 18:37

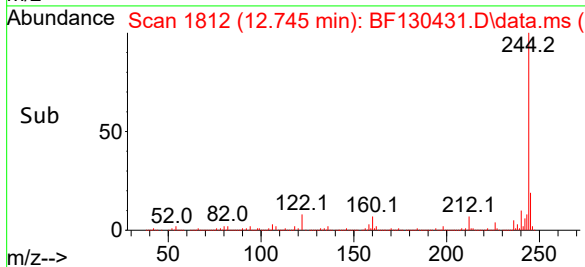
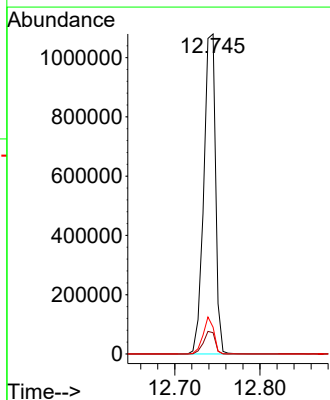
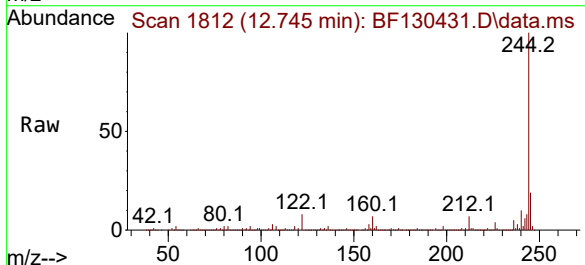
Instrument :
BNA_F
ClientSampleId :
FOREST-ST

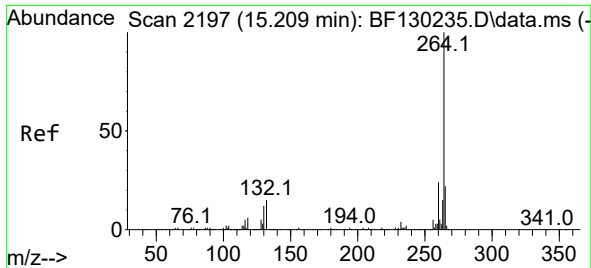
Tgt Ion:240 Resp: 239324
Ion Ratio Lower Upper
240 100
120 10.6 8.7 13.1
236 25.2 20.9 31.3



#79
Terphenyl-d14
Concen: 71.681 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF130431.D
Acq: 27 Sep 2022 18:37

Tgt Ion:244 Resp: 1035620
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.4 8.5 12.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.168 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130431.D

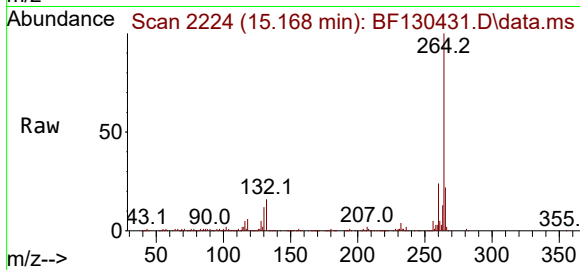
Acq: 27 Sep 2022 18:37

Instrument :

BNA_F

ClientSampleId :

FOREST-ST



Tgt Ion:264 Resp: 203272

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.6 17.0 25.4

