

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131520.D
 Acq On : 06 Dec 2022 11:05
 Operator : CG\JU
 Sample : PB149382BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149382BL

Quant Time: Dec 07 03:18:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

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

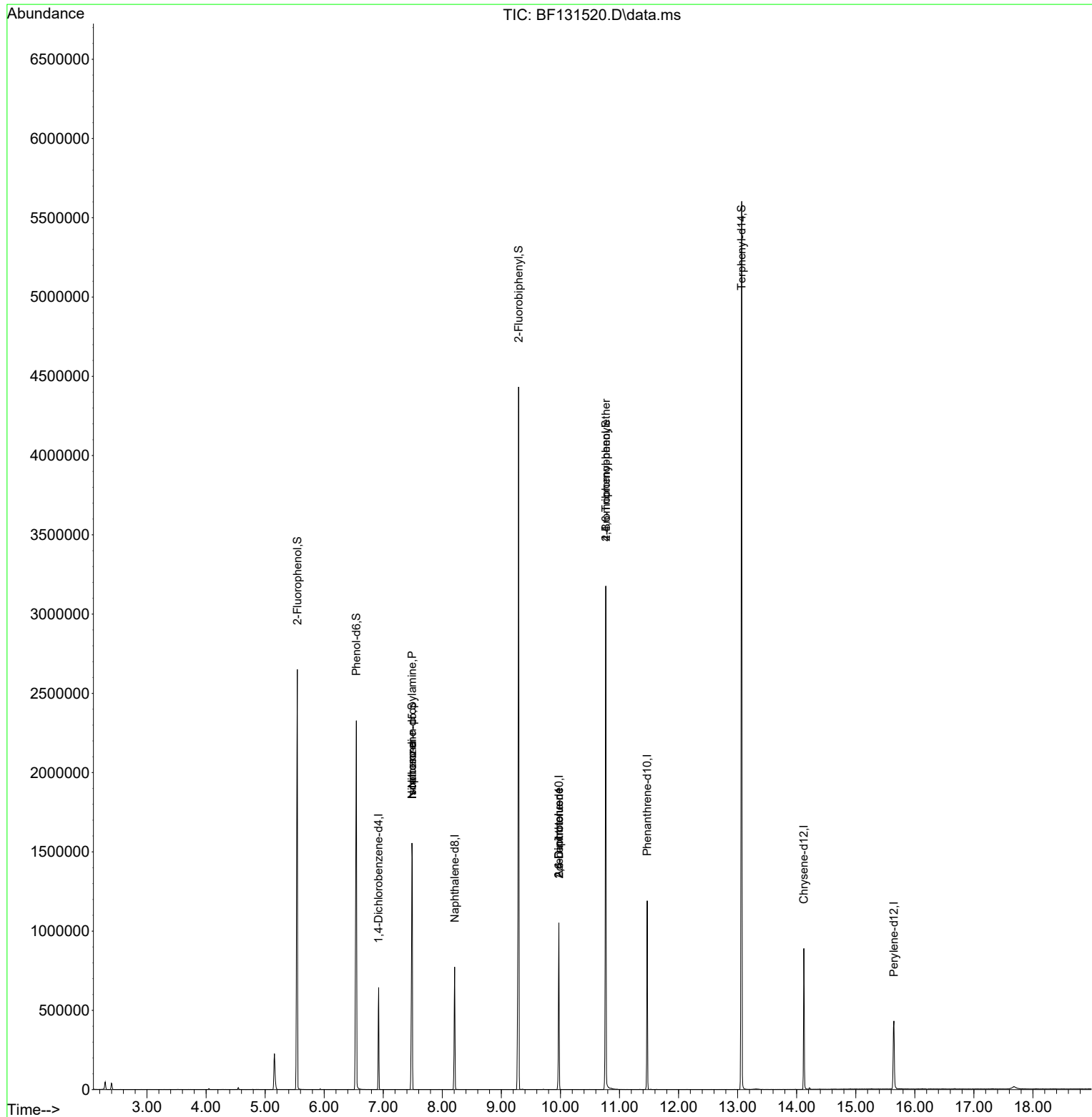
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	91477	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	342289	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	207727	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	407878	20.000	ng	0.00
76) Chrysene-d12	14.121	240	317236	20.000	ng	0.00
86) Perylene-d12	15.645	264	234171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	793912	148.207	ng	0.02
7) Phenol-d6	6.545	99	944697	141.225	ng	0.00
23) Nitrobenzene-d5	7.486	82	612755	82.162	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	395231	167.099	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1408753	88.967	ng	0.00
79) Terphenyl-d14	13.068	244	1935829	92.153	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	83788	18.507	ng	# 78
25) Isophorone	7.486	82	612259	52.776	ng	# 67
51) 2,6-Dinitrotoluene	9.975	165	26678	8.316	ng	# 20
57) 2,4-Dinitrotoluene	9.975	165	26678	6.338	ng	# 15
67) 4-Bromophenyl-phenylether	10.769	248	23993	4.702	ng	# 1
77) Benzydine	13.068	184	26380	Below Cal		# 93

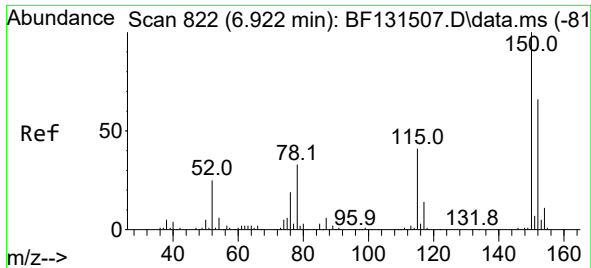
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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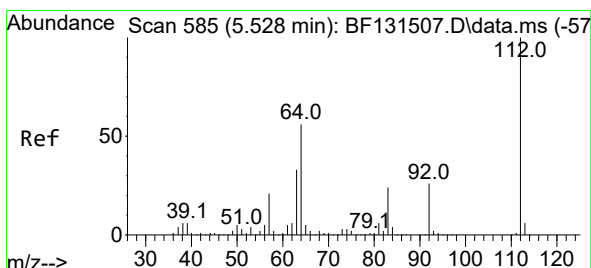
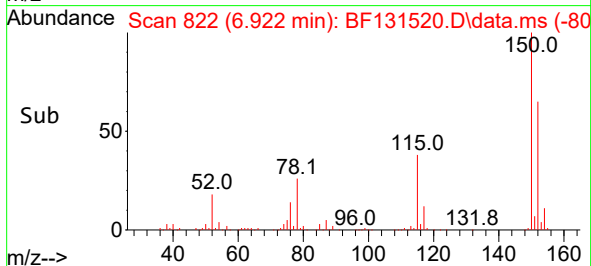
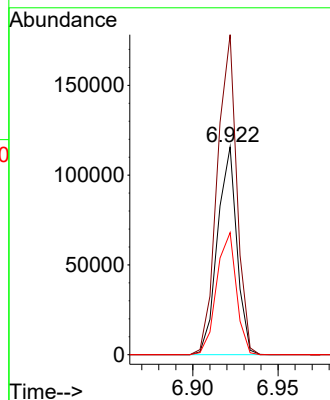
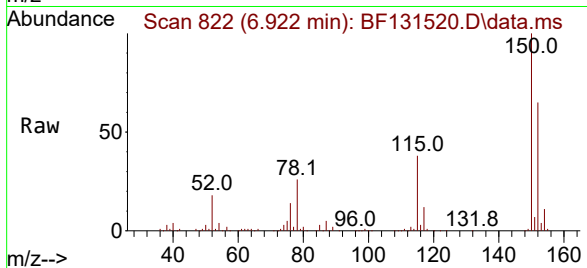




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131520.D
Acq: 06 Dec 2022 11:05

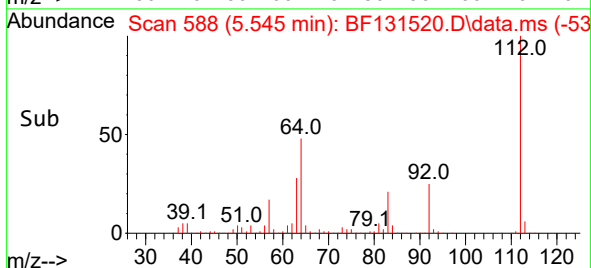
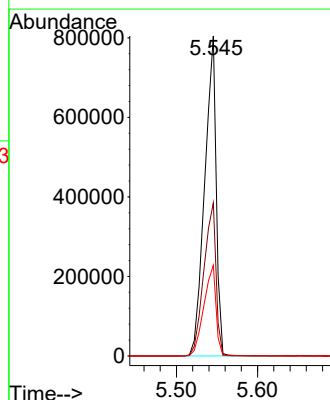
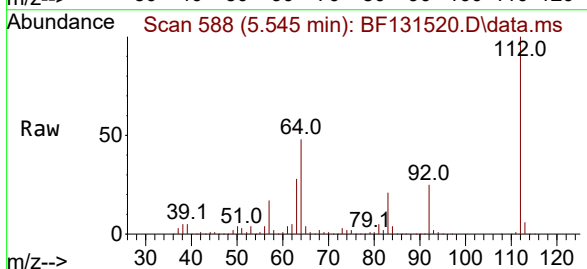
Instrument :
BNA_F
ClientSampleId :
PB149382BL

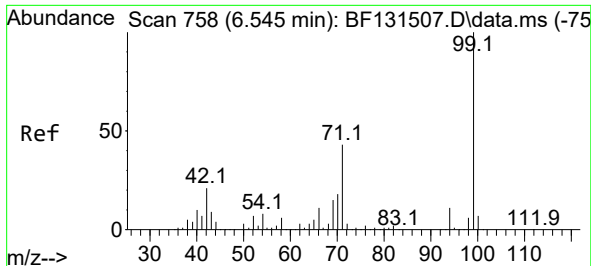
Tgt Ion:152 Resp: 91477
Ion Ratio Lower Upper
152 100
150 154.0 121.9 182.9
115 58.7 50.4 75.6



#5
2-Fluorophenol
Concen: 148.207 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.018 min
Lab File: BF131520.D
Acq: 06 Dec 2022 11:05

Tgt Ion:112 Resp: 793912
Ion Ratio Lower Upper
112 100
64 47.9 44.5 66.7
63 28.4 26.7 40.1

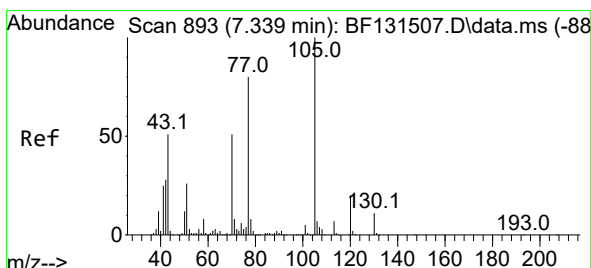
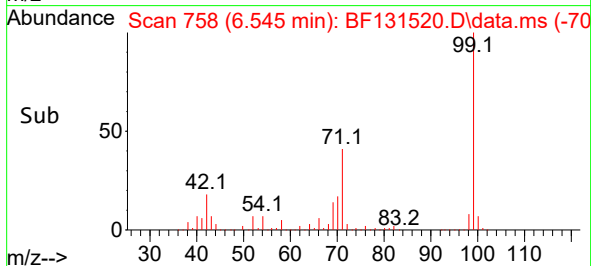
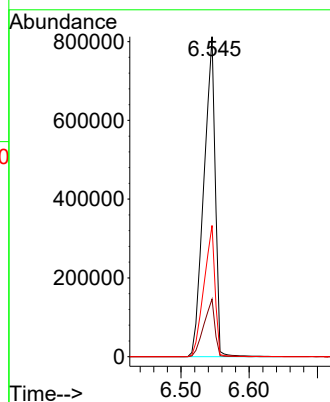
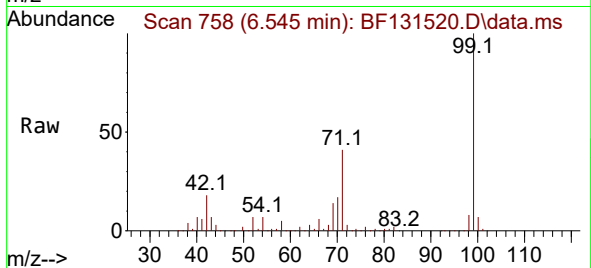




#7
Phenol-d6
Concen: 141.225 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131520.D
Acq: 06 Dec 2022 11:05

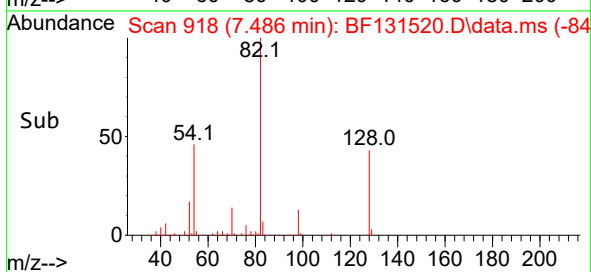
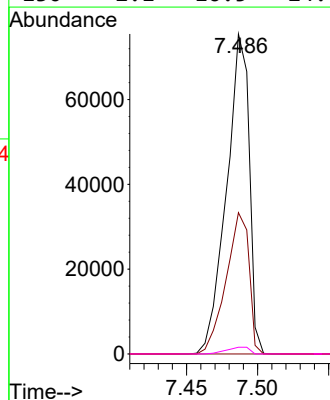
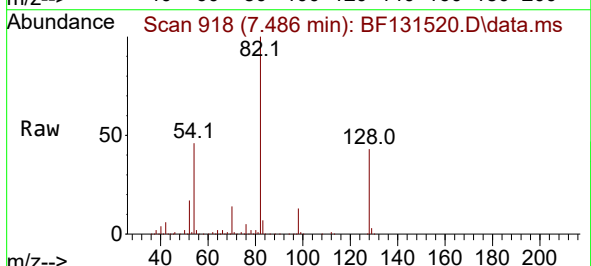
Instrument :
BNA_F
ClientSampleId :
PB149382BL

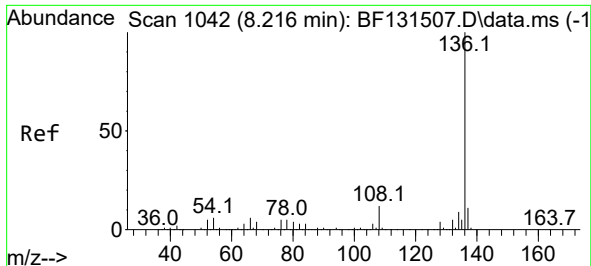
Tgt Ion: 99 Resp: 944697
Ion Ratio Lower Upper
99 100
42 18.0 16.6 25.0
71 41.0 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.507 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF131520.D
Acq: 06 Dec 2022 11:05

Tgt Ion: 70 Resp: 83788
Ion Ratio Lower Upper
70 100
42 44.1 44.1 66.1
101 0.0 7.7 11.5#
130 2.1 16.5 24.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF131520.D

Acq: 06 Dec 2022 11:05

Instrument :

BNA_F

ClientSampleId :

PB149382BL

Tgt Ion:136 Resp: 342289

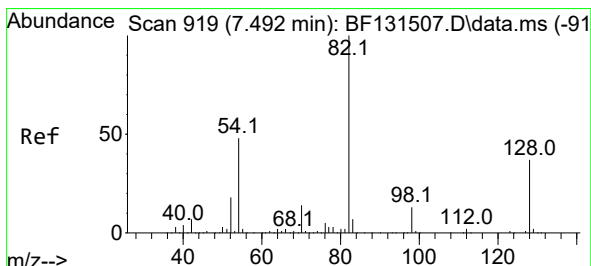
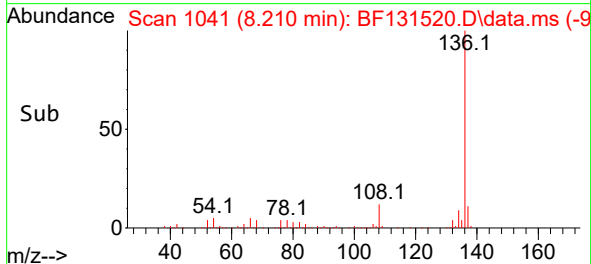
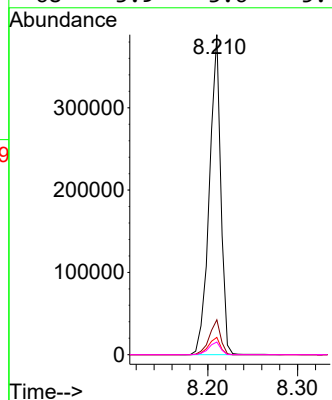
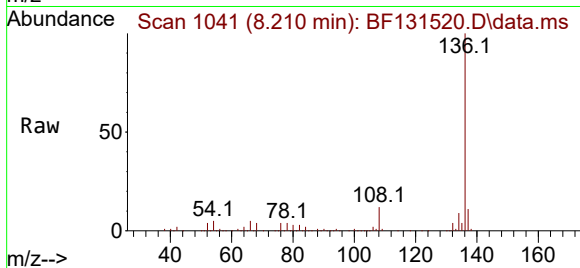
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.4 5.0 7.6

68 3.9 3.6 5.4



#23

Nitrobenzene-d5

Concen: 82.162 ng

RT: 7.486 min Scan# 918

Delta R.T. -0.006 min

Lab File: BF131520.D

Acq: 06 Dec 2022 11:05

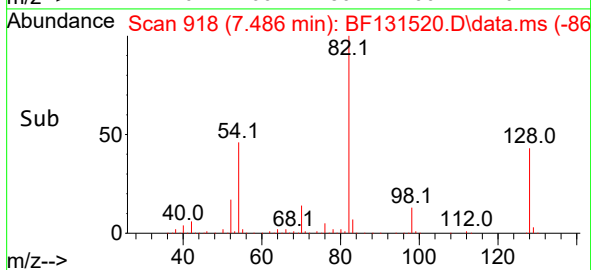
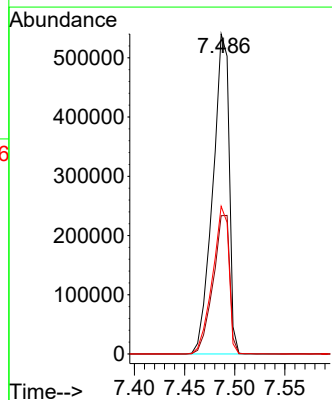
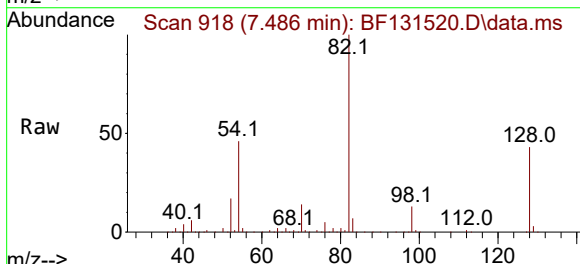
Tgt Ion: 82 Resp: 612755

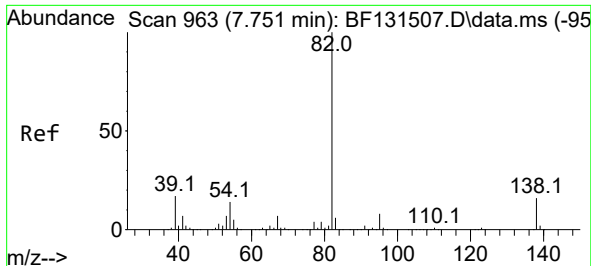
Ion Ratio Lower Upper

82 100

128 43.2 29.7 44.5

54 46.1 38.7 58.1

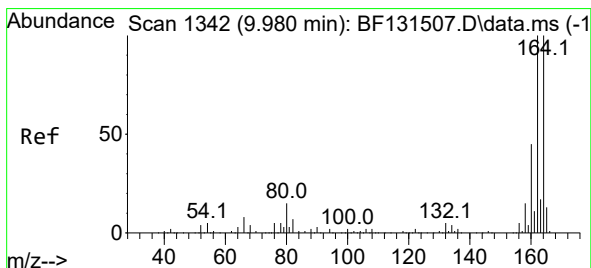
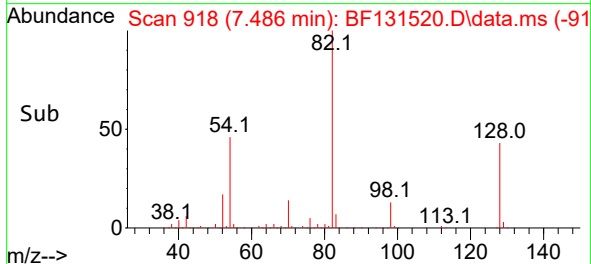
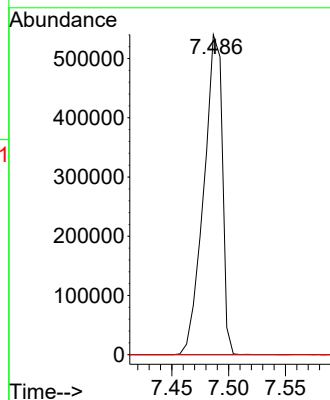
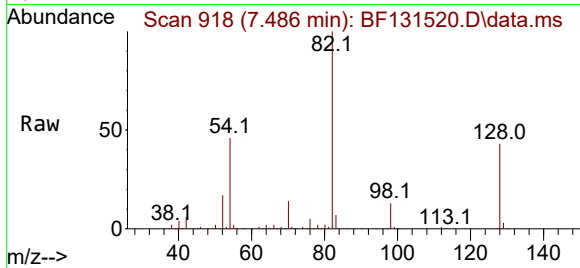




#25
Isophorone
Concen: 52.776 ng
RT: 7.486 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131520.D
Acq: 06 Dec 2022 11:05

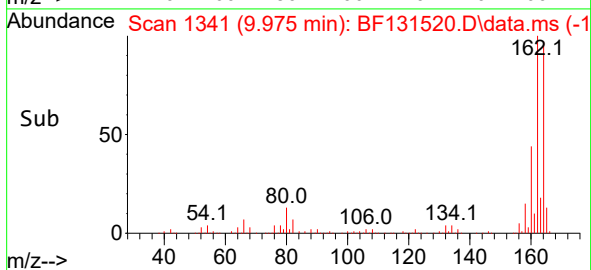
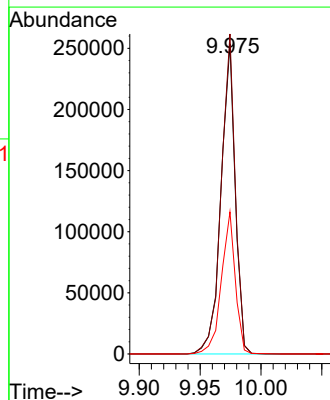
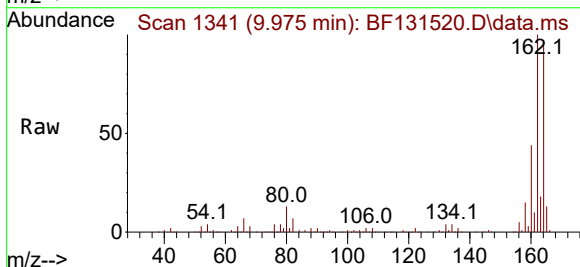
Instrument :
BNA_F
ClientSampleId :
PB149382BL

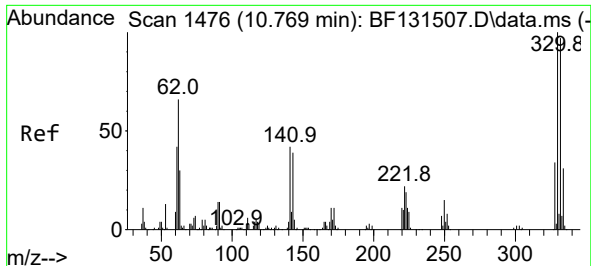
Tgt Ion: 82 Resp: 612259
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF131520.D
Acq: 06 Dec 2022 11:05

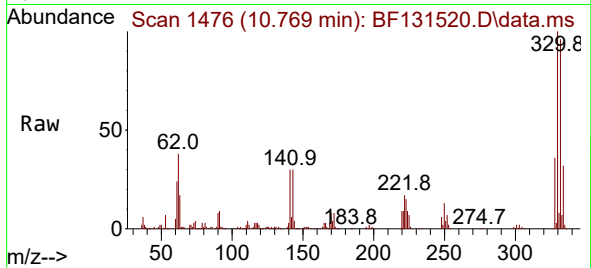
Tgt Ion: 164 Resp: 207727
Ion Ratio Lower Upper
164 100
162 103.2 80.1 120.1
160 45.8 36.4 54.6



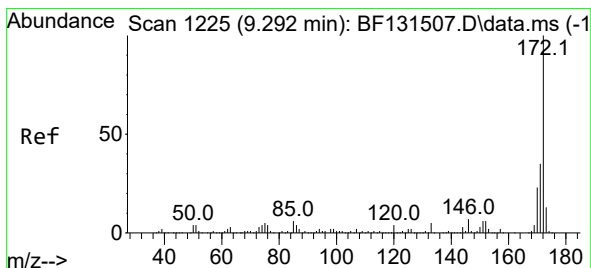
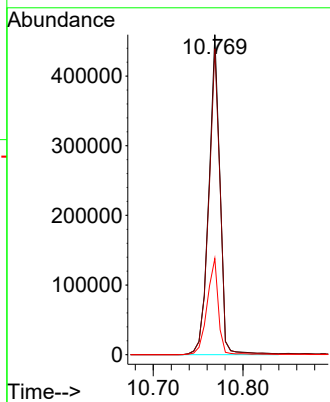
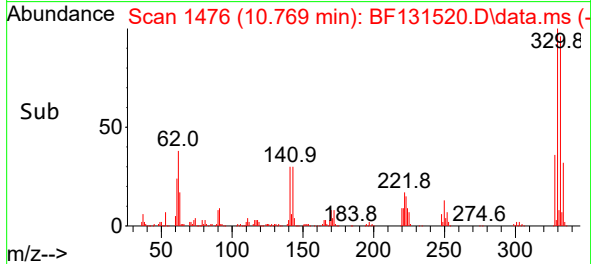


#42
2,4,6-Tribromophenol
Concen: 167.099 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF131520.D
Acq: 06 Dec 2022 11:05

Instrument :
BNA_F
ClientSampleId :
PB149382BL

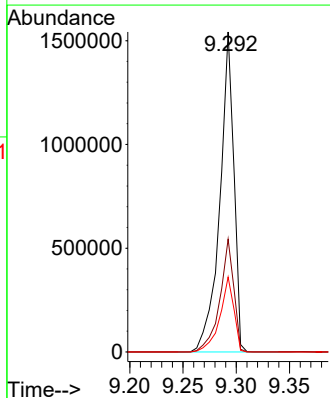
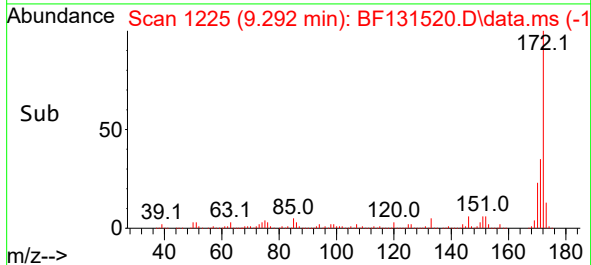
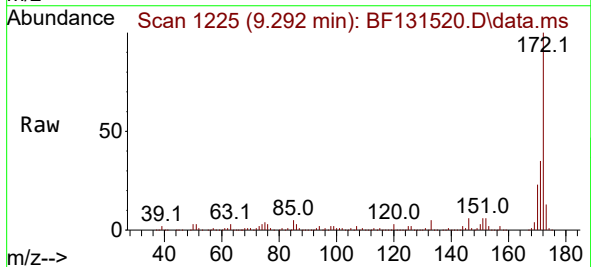


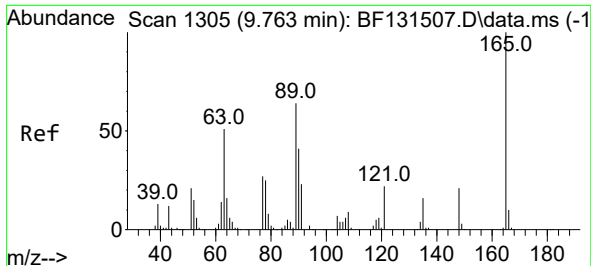
Tgt Ion:330 Resp: 395231
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.2
141 30.4 29.1 43.7



#45
2-Fluorobiphenyl
Concen: 88.967 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF131520.D
Acq: 06 Dec 2022 11:05

Tgt Ion:172 Resp: 1408753
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.4 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.316 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.212 min

Lab File: BF131520.D

Acq: 06 Dec 2022 11:05

Instrument :

BNA_F

ClientSampleId :

PB149382BL

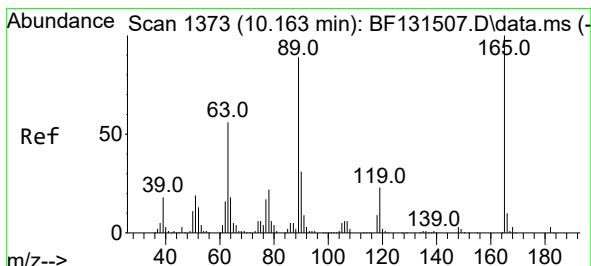
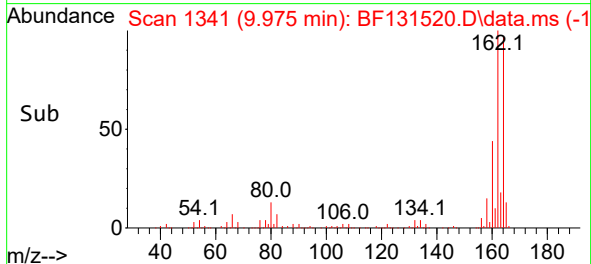
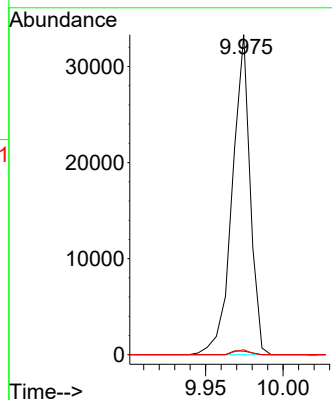
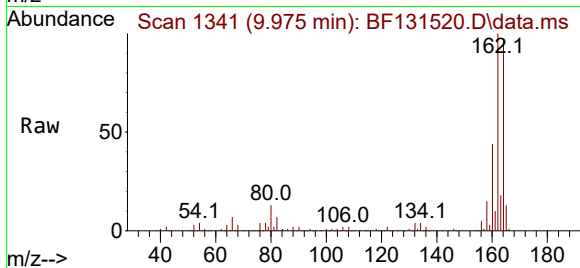
Tgt Ion:165 Resp: 26678

Ion Ratio Lower Upper

165 100

63 1.1 50.1 75.1#

89 1.5 51.3 76.9#



#57

2,4-Dinitrotoluene

Concen: 6.338 ng

RT: 9.975 min Scan# 1341

Delta R.T. -0.188 min

Lab File: BF131520.D

Acq: 06 Dec 2022 11:05

Tgt Ion:165 Resp: 26678

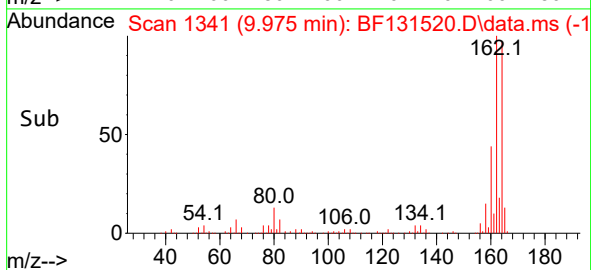
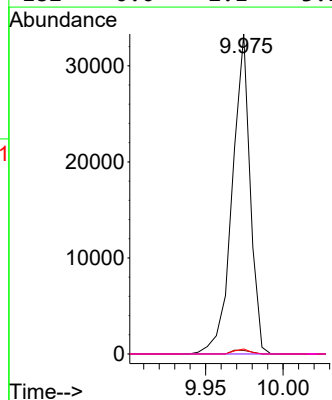
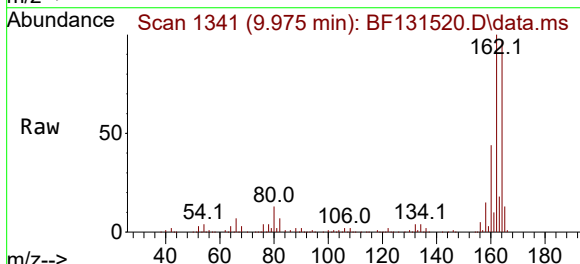
Ion Ratio Lower Upper

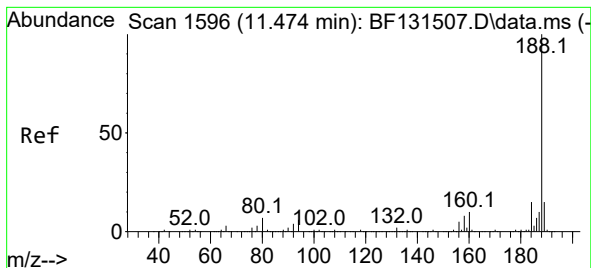
165 100

63 1.1 45.3 67.9#

89 1.5 71.0 106.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131520.D

Acq: 06 Dec 2022 11:05

Instrument :

BNA_F

ClientSampleId :

PB149382BL

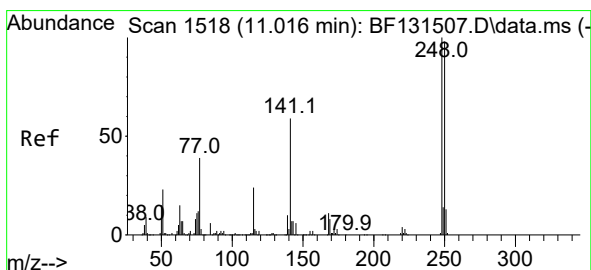
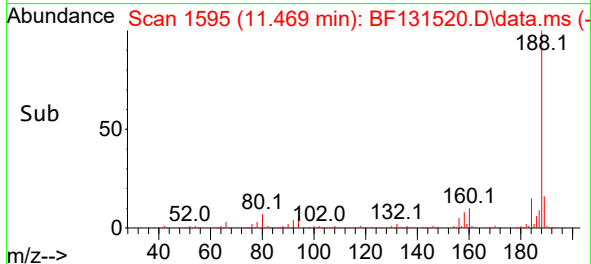
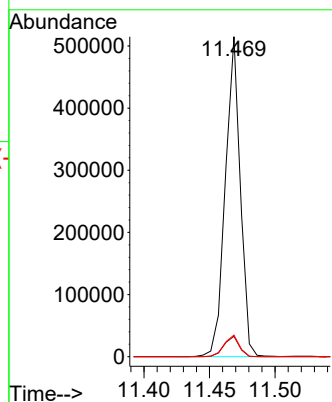
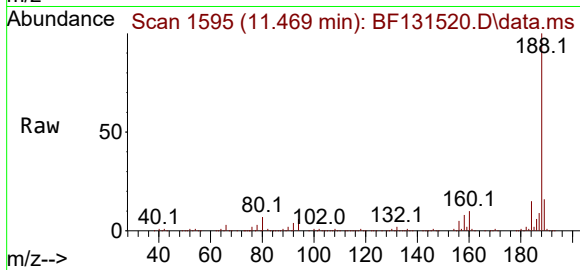
Tgt Ion:188 Resp: 407878

Ion Ratio Lower Upper

188 100

94 6.4 5.1 7.7

80 6.7 5.9 8.9



#67

4-Bromophenyl-phenylether

Concen: 4.702 ng

RT: 10.769 min Scan# 1476

Delta R.T. -0.247 min

Lab File: BF131520.D

Acq: 06 Dec 2022 11:05

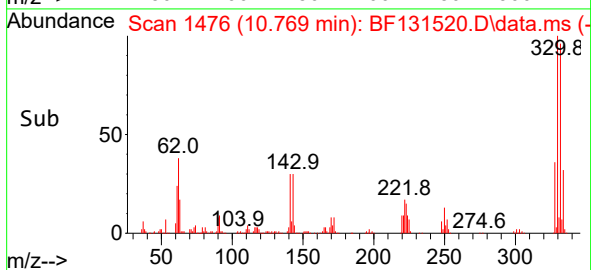
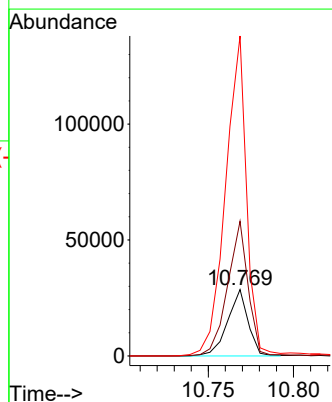
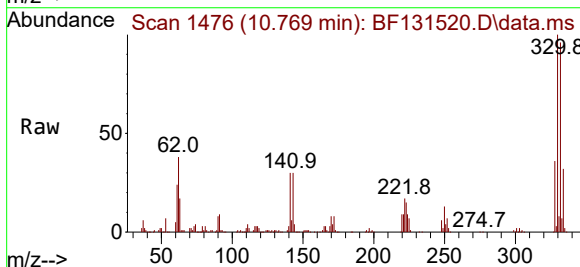
Tgt Ion:248 Resp: 23993

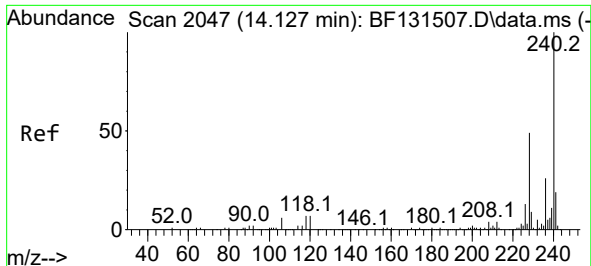
Ion Ratio Lower Upper

248 100

250 202.8 78.6 117.8#

141 481.9 47.1 70.7#

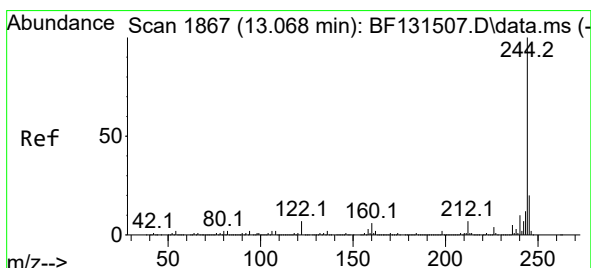
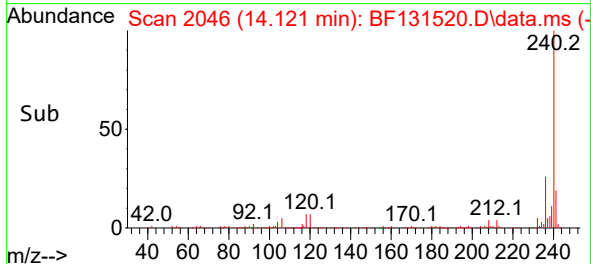
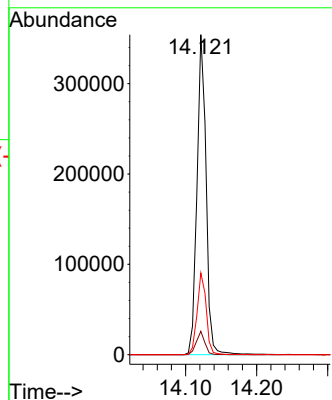
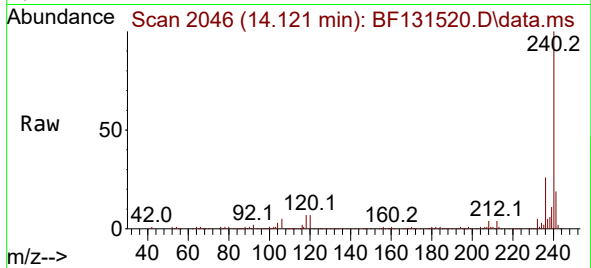




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF131520.D
Acq: 06 Dec 2022 11:05

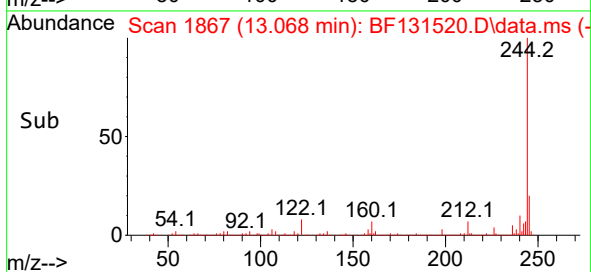
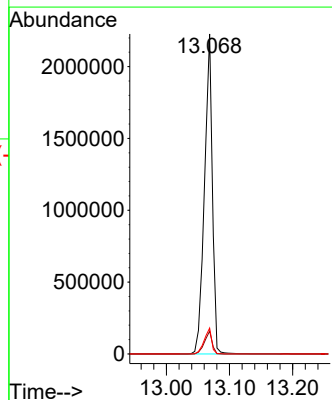
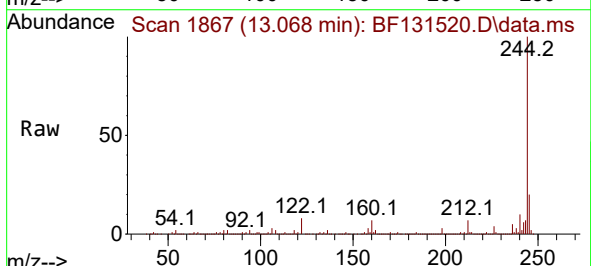
Instrument :
BNA_F
ClientSampleId :
PB149382BL

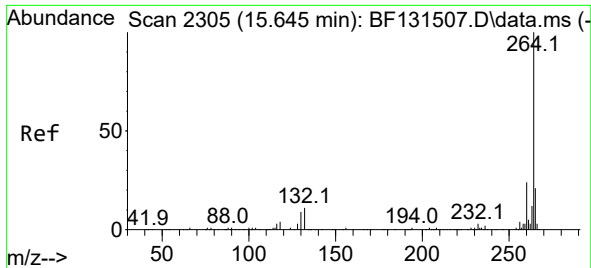
Tgt Ion:240 Resp: 317236
Ion Ratio Lower Upper
240 100
120 7.3 5.6 8.4
236 25.5 20.6 31.0



#79
Terphenyl-d14
Concen: 92.153 ng
RT: 13.068 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BF131520.D
Acq: 06 Dec 2022 11:05

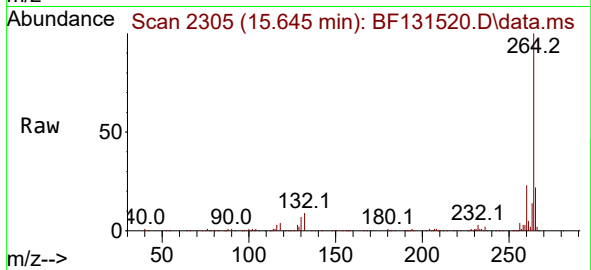
Tgt Ion:244 Resp: 1935829
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 8.1 5.4 8.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131520.D
 Acq: 06 Dec 2022 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB149382BL



Tgt Ion:264 Resp: 234171
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 21.9 17.0 25.4

