

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131522.D
 Acq On : 06 Dec 2022 12:09
 Operator : CG\JU
 Sample : PB149413BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149413BL

Quant Time: Dec 07 03:18:56 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)

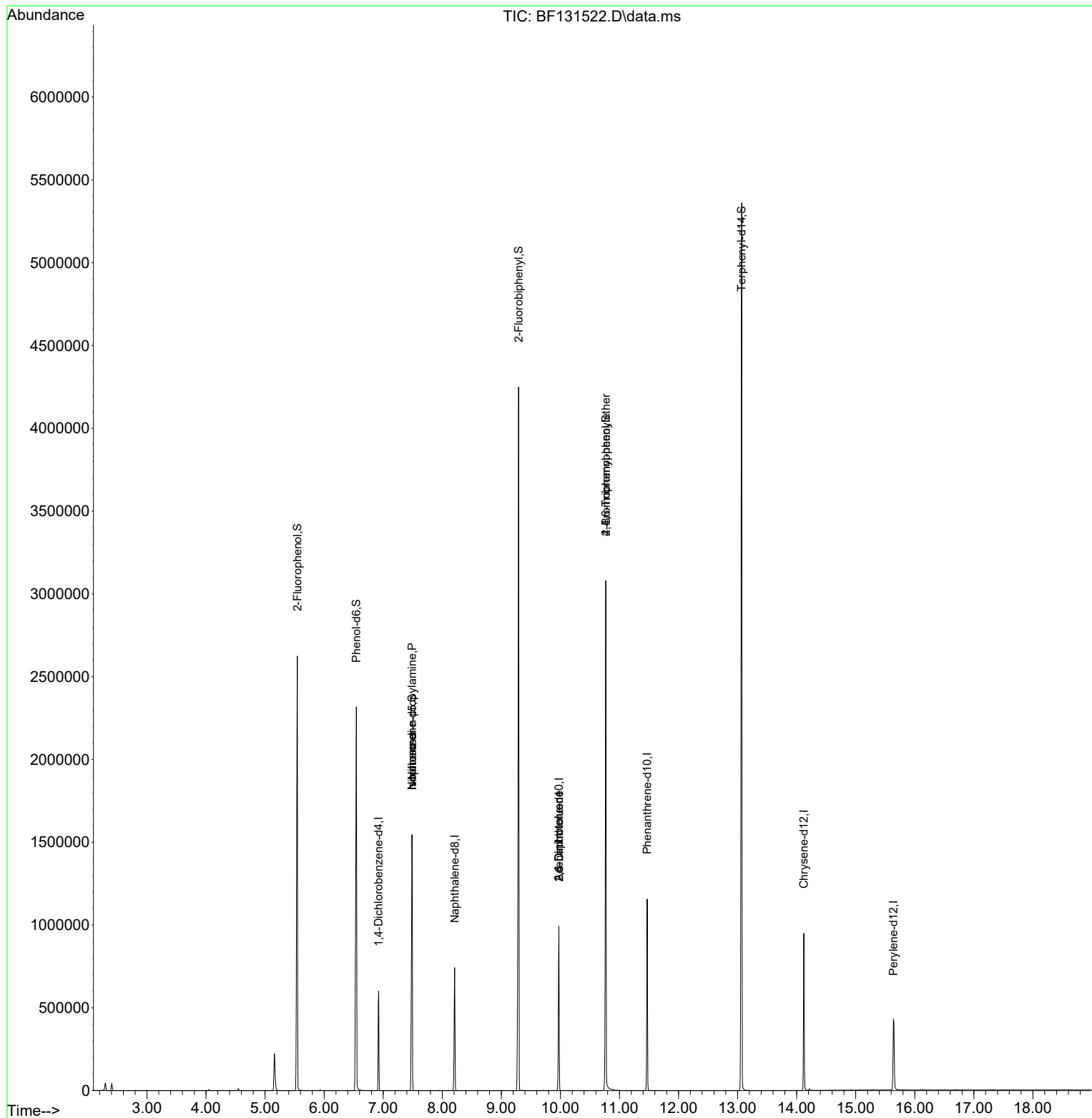
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	91397	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	339561	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	205692	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	405919	20.000	ng	0.00
76) Chrysene-d12	14.121	240	317968	20.000	ng	0.00
86) Perylene-d12	15.639	264	235048	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	785312	146.730	ng	0.02
7) Phenol-d6	6.545	99	944556	141.327	ng	0.00
23) Nitrobenzene-d5	7.487	82	598553	80.902	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	387854	165.603	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1390315	88.671	ng	0.00
79) Terphenyl-d14	13.069	244	1928150	91.576	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	83058	18.362	ng	# 78
25) Isophorone	7.487	82	598154	51.975	ng	# 67
51) 2,6-Dinitrotoluene	9.975	165	25843	8.135	ng	# 20
57) 2,4-Dinitrotoluene	9.975	165	25843	6.200	ng	# 15
67) 4-Bromophenyl-phenylether	10.769	248	23929	4.712	ng	# 1
77) Benzidine	13.069	184	25964	Below Cal		# 94

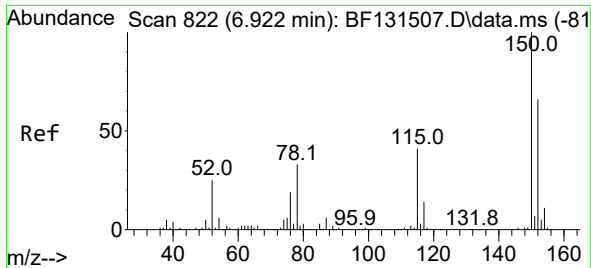
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
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QLast Update : Tue Dec 06 01:30:30 2022
Response via : Initial Calibration

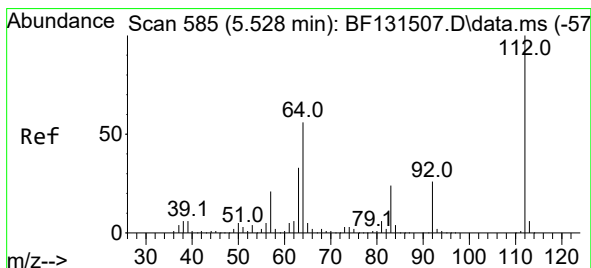
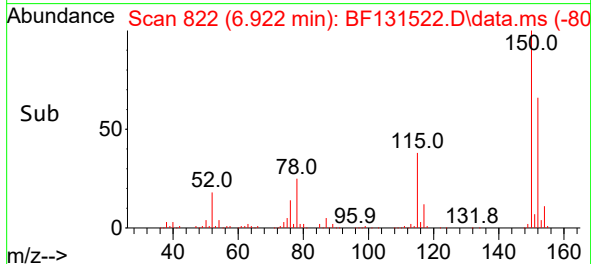
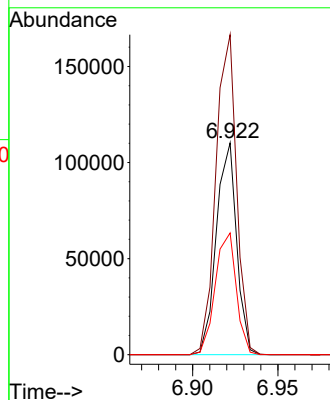
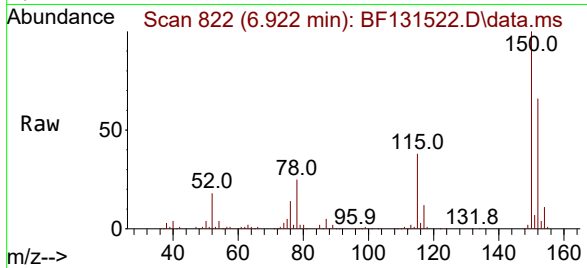




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131522.D
Acq: 06 Dec 2022 12:09

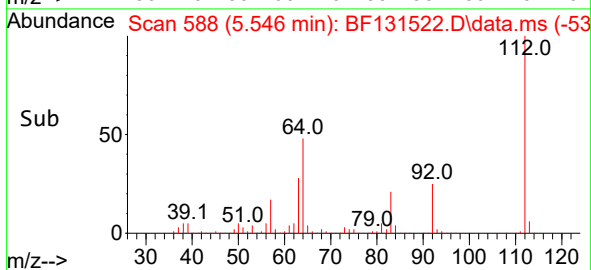
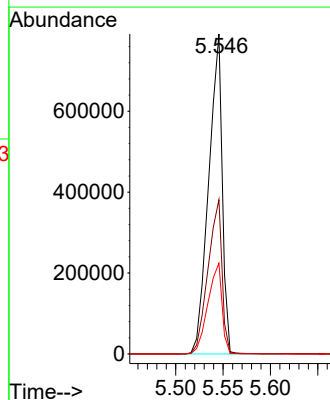
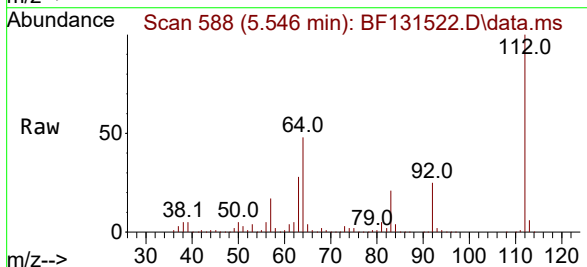
Instrument :
BNA_F
ClientSampleId :
PB149413BL

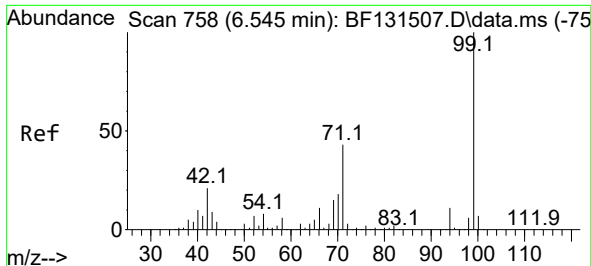
Tgt Ion:152 Resp: 91397
Ion Ratio Lower Upper
152 100
150 151.1 121.9 182.9
115 57.5 50.4 75.6



#5
2-Fluorophenol
Concen: 146.730 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.018 min
Lab File: BF131522.D
Acq: 06 Dec 2022 12:09

Tgt Ion:112 Resp: 785312
Ion Ratio Lower Upper
112 100
64 48.2 44.5 66.7
63 28.4 26.7 40.1

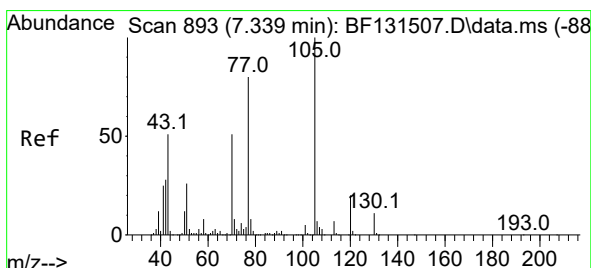
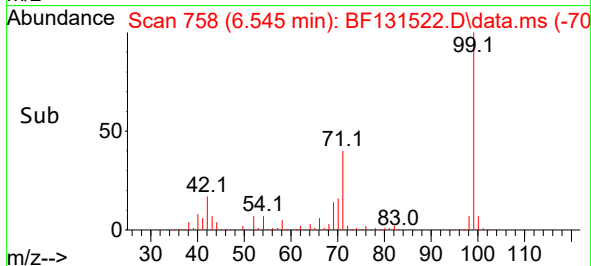
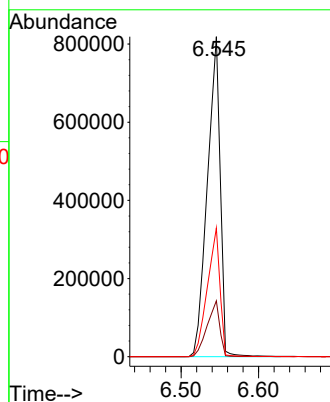
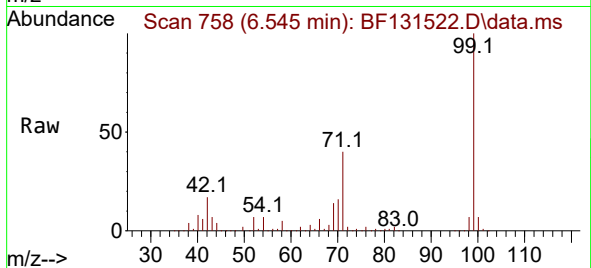




#7
Phenol-d6
Concen: 141.327 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131522.D
Acq: 06 Dec 2022 12:09

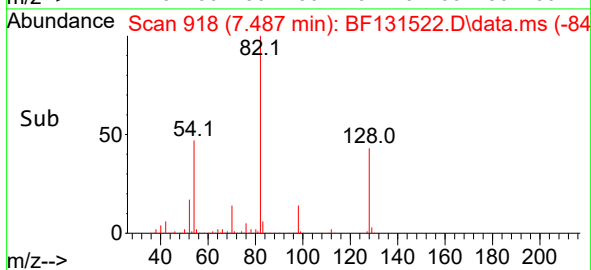
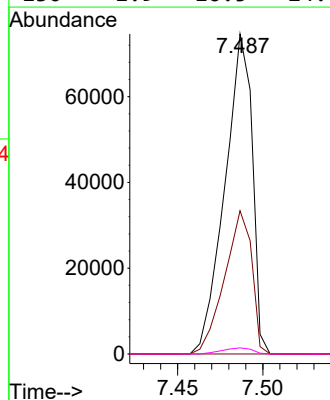
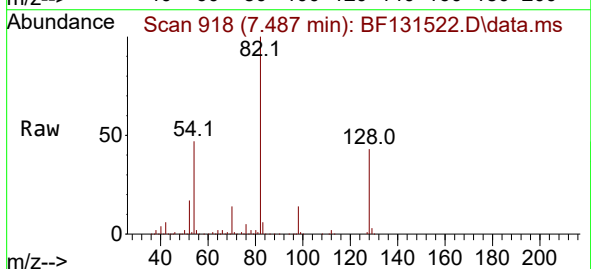
Instrument :
BNA_F
ClientSampleId :
PB149413BL

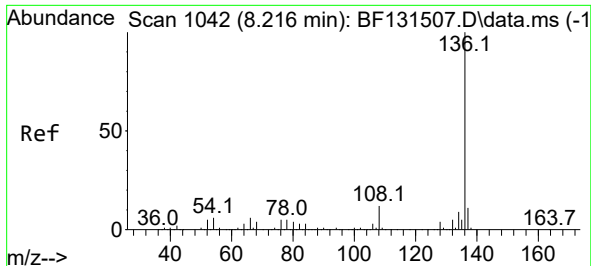
Tgt Ion: 99 Resp: 944556
Ion Ratio Lower Upper
99 100
42 17.4 16.6 25.0
71 40.2 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.362 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF131522.D
Acq: 06 Dec 2022 12:09

Tgt Ion: 70 Resp: 83058
Ion Ratio Lower Upper
70 100
42 44.8 44.1 66.1
101 0.0 7.7 11.5#
130 1.9 16.5 24.7#

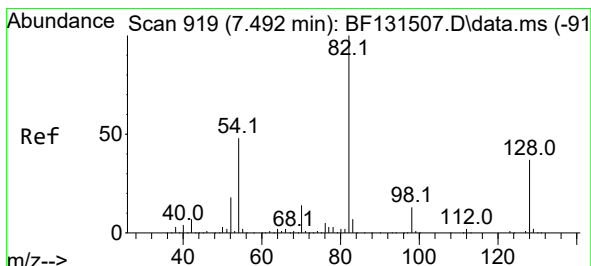
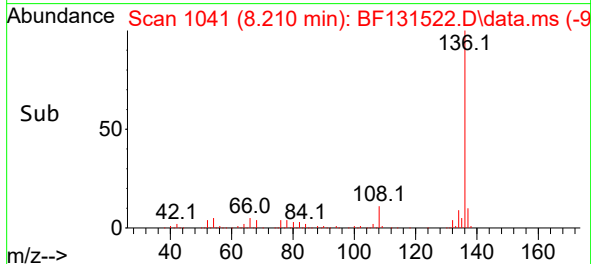
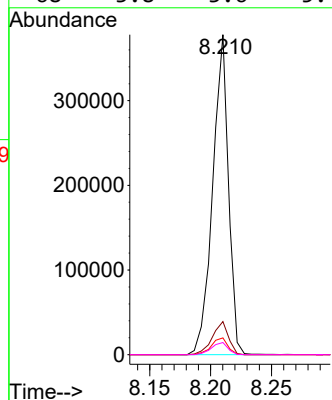
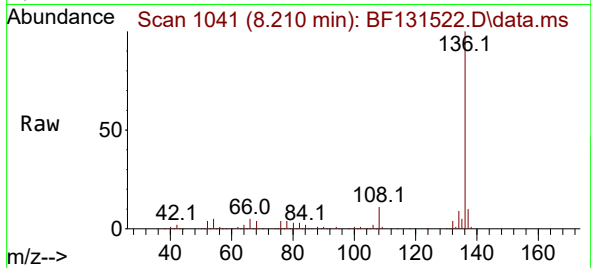




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131522.D
Acq: 06 Dec 2022 12:09

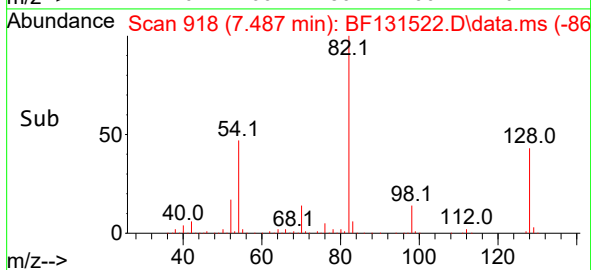
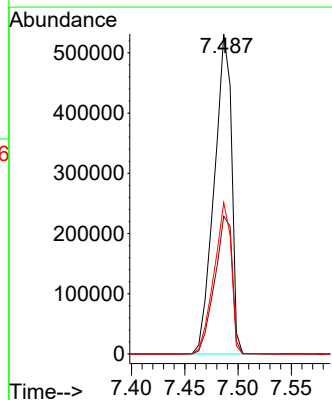
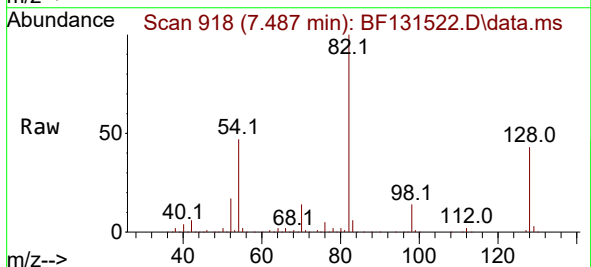
Instrument :
BNA_F
ClientSampleId :
PB149413BL

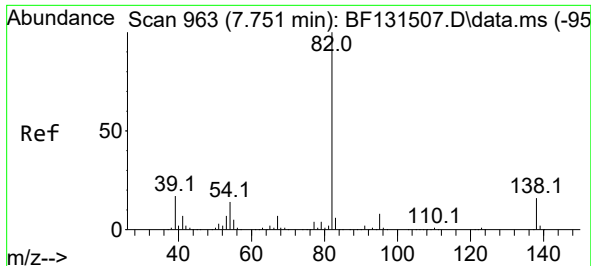
Tgt Ion:136 Resp: 339561
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 5.2 5.0 7.6
68 3.8 3.6 5.4



#23
Nitrobenzene-d5
Concen: 80.902 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF131522.D
Acq: 06 Dec 2022 12:09

Tgt Ion: 82 Resp: 598553
Ion Ratio Lower Upper
82 100
128 43.1 29.7 44.5
54 47.3 38.7 58.1

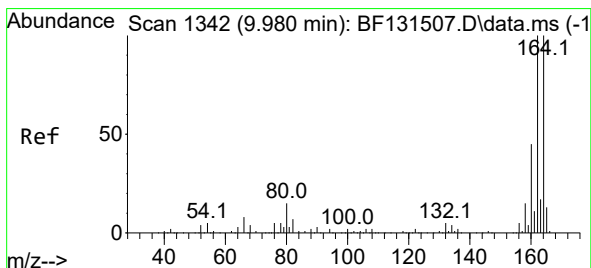
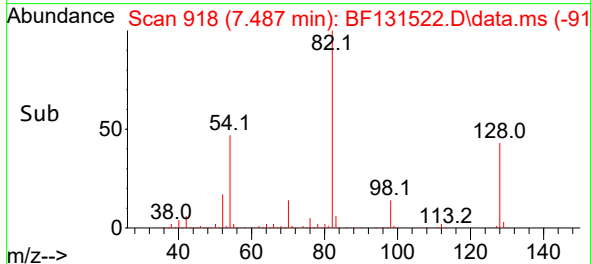
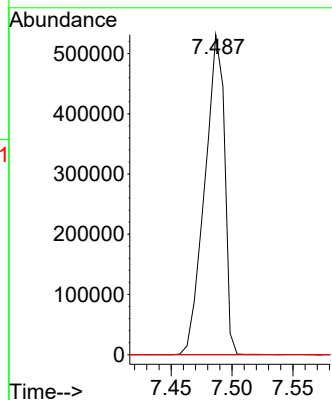
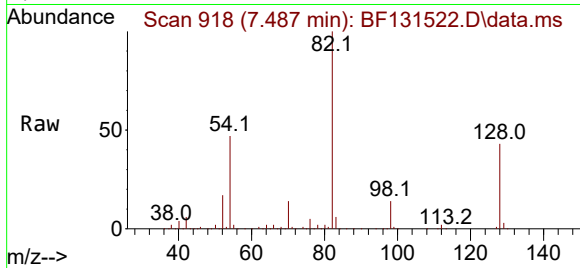




#25
Isophorone
Concen: 51.975 ng
RT: 7.487 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131522.D
Acq: 06 Dec 2022 12:09

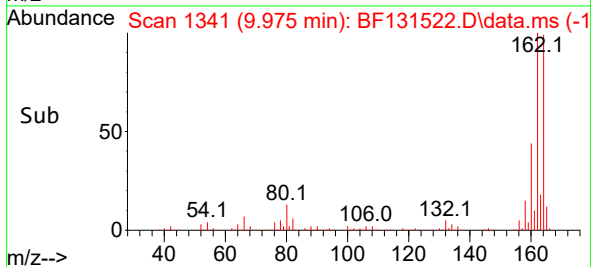
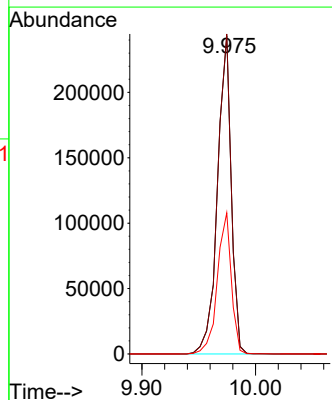
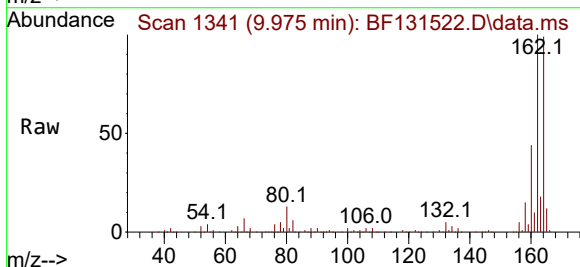
Instrument :
BNA_F
ClientSampleId :
PB149413BL

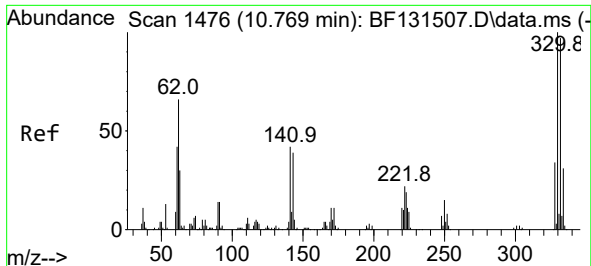
Tgt Ion: 82 Resp: 598154
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF131522.D
Acq: 06 Dec 2022 12:09

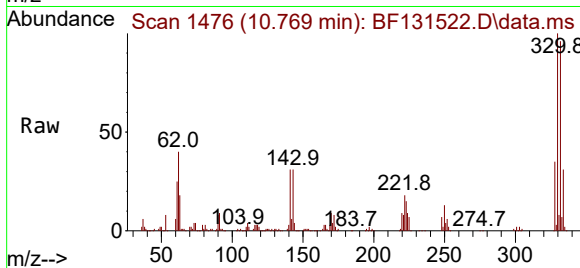
Tgt Ion:164 Resp: 205692
Ion Ratio Lower Upper
164 100
162 100.6 80.1 120.1
160 44.3 36.4 54.6



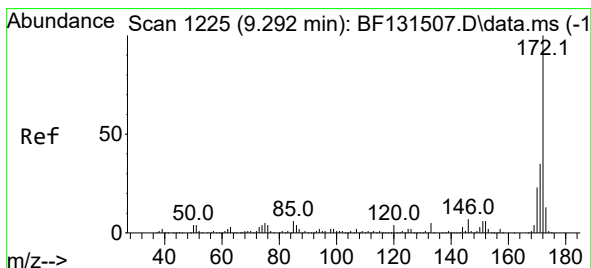
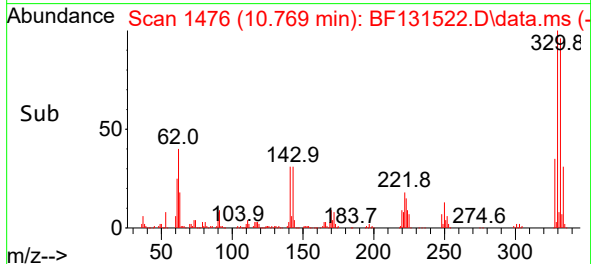
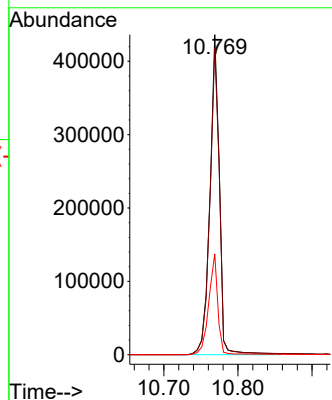


#42
2,4,6-Tribromophenol
Concen: 165.603 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF131522.D
Acq: 06 Dec 2022 12:09

Instrument :
BNA_F
ClientSampleId :
PB149413BL

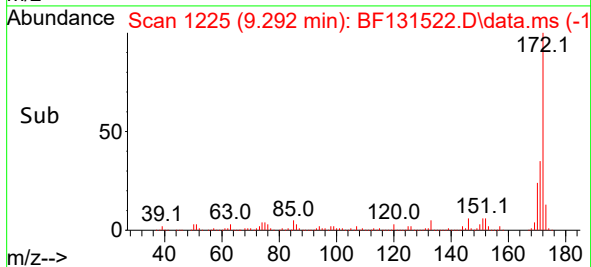
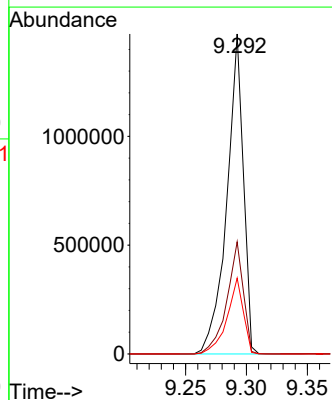
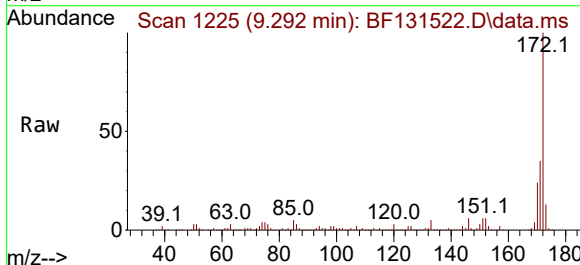


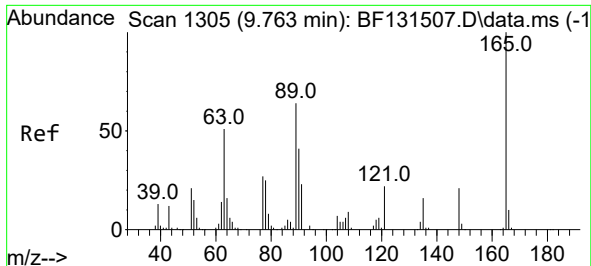
Tgt Ion: 330 Resp: 387854
Ion Ratio Lower Upper
330 100
332 98.2 78.2 117.2
141 30.9 29.1 43.7



#45
2-Fluorobiphenyl
Concen: 88.671 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF131522.D
Acq: 06 Dec 2022 12:09

Tgt Ion: 172 Resp: 1390315
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.7 18.7 28.1

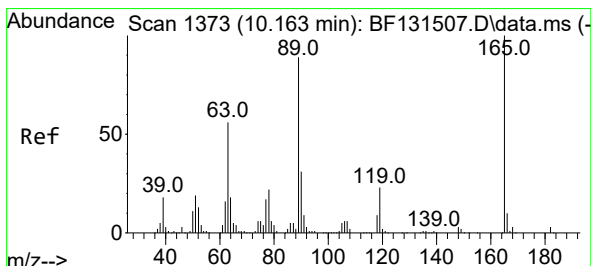
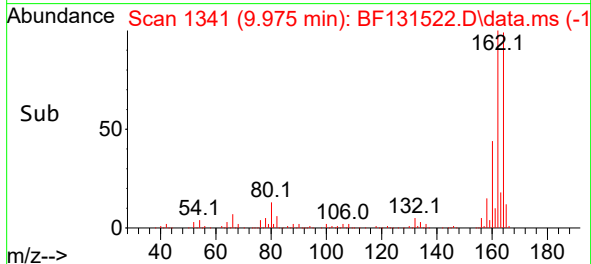
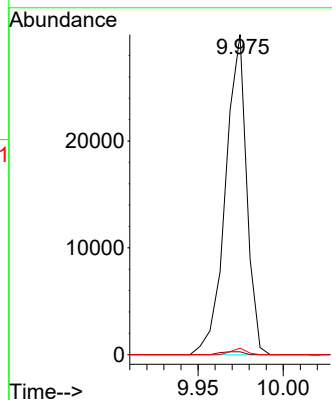
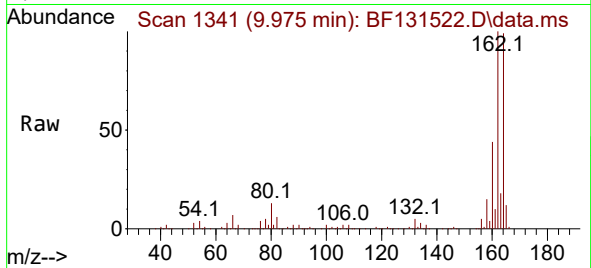




#51
2,6-Dinitrotoluene
Concen: 8.135 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.212 min
Lab File: BF131522.D
Acq: 06 Dec 2022 12:09

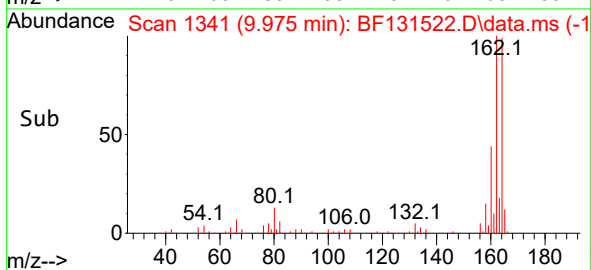
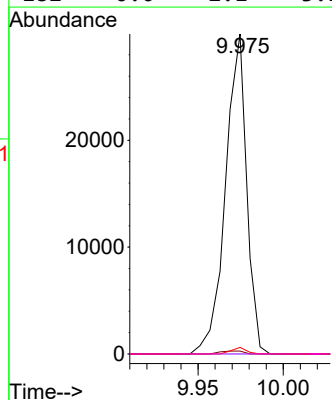
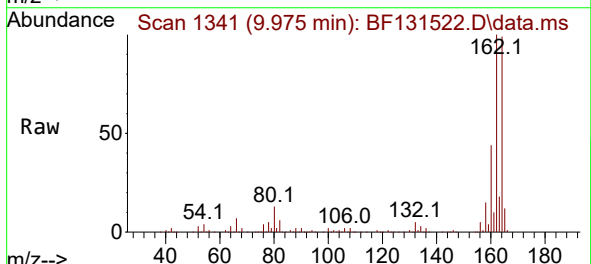
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ClientSampleId :
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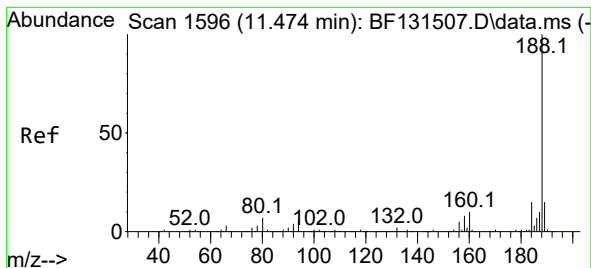
Tgt Ion:165 Resp: 25843
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 2.1 51.3 76.9#



#57
2,4-Dinitrotoluene
Concen: 6.200 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.188 min
Lab File: BF131522.D
Acq: 06 Dec 2022 12:09

Tgt Ion:165 Resp: 25843
Ion Ratio Lower Upper
165 100
63 0.9 45.3 67.9#
89 2.1 71.0 106.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131522.D

Acq: 06 Dec 2022 12:09

Instrument :

BNA_F

ClientSampleId :

PB149413BL

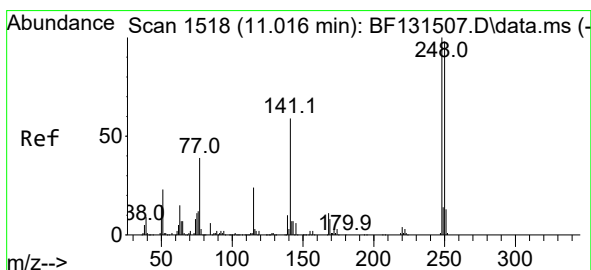
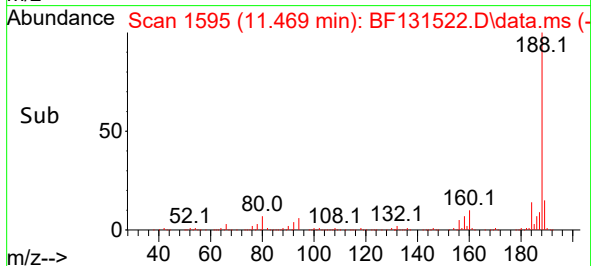
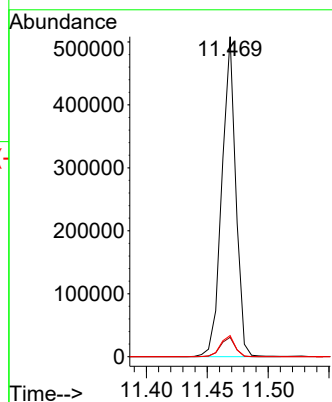
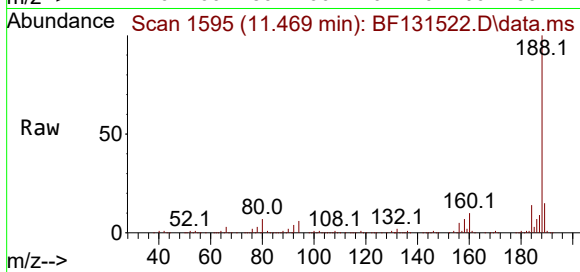
Tgt Ion:188 Resp: 405919

Ion Ratio Lower Upper

188 100

94 6.1 5.1 7.7

80 6.6 5.9 8.9



#67

4-Bromophenyl-phenylether

Concen: 4.712 ng

RT: 10.769 min Scan# 1476

Delta R.T. -0.247 min

Lab File: BF131522.D

Acq: 06 Dec 2022 12:09

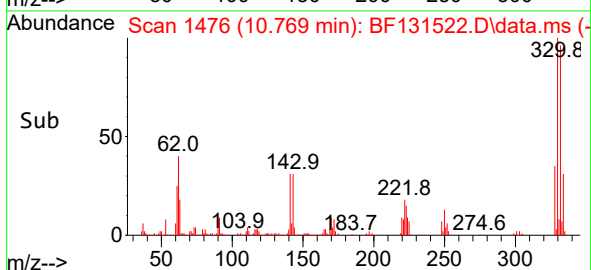
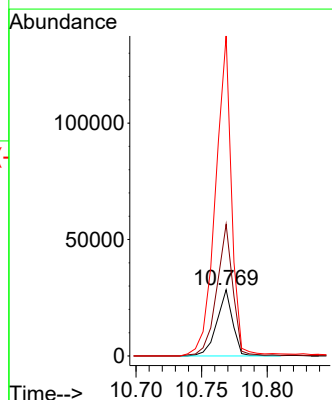
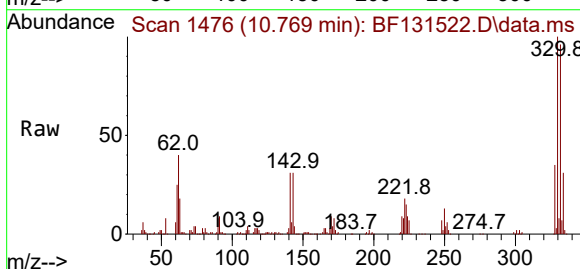
Tgt Ion:248 Resp: 23929

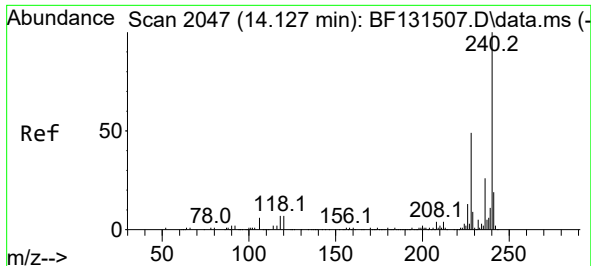
Ion Ratio Lower Upper

248 100

250 198.9 78.6 117.8#

141 483.4 47.1 70.7#

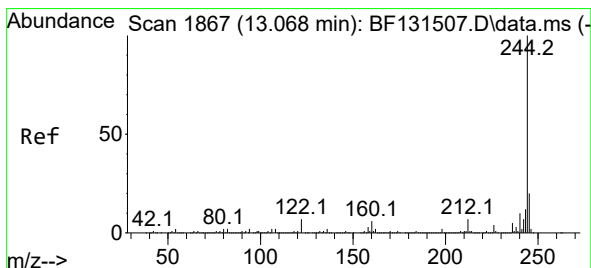
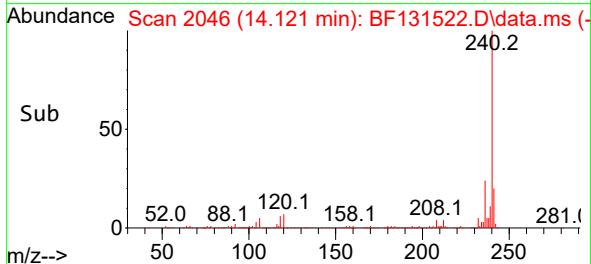
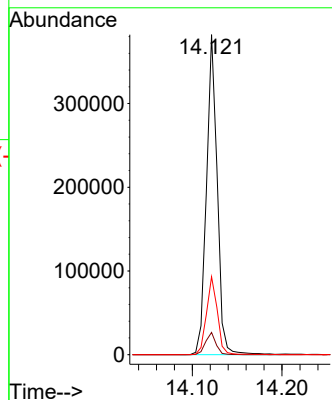
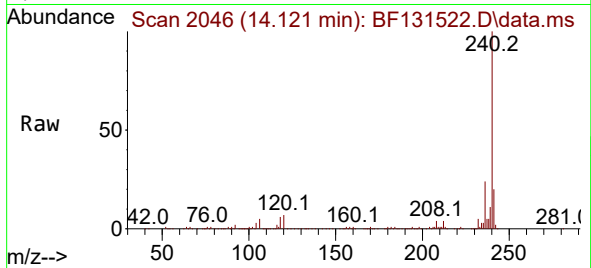




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF131522.D
Acq: 06 Dec 2022 12:09

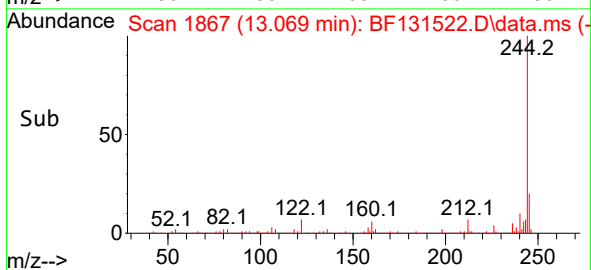
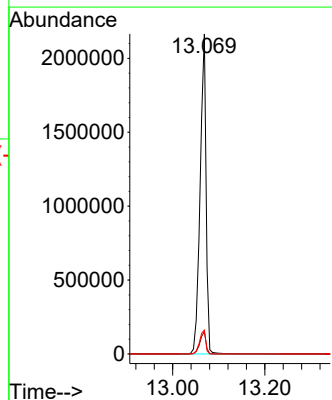
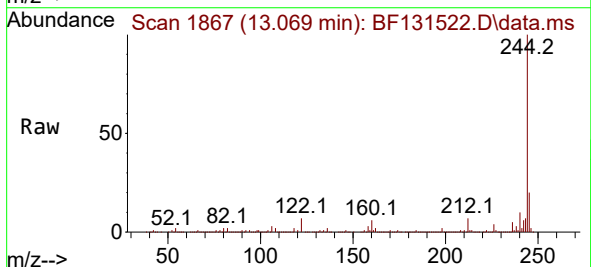
Instrument :
BNA_F
ClientSampleId :
PB149413BL

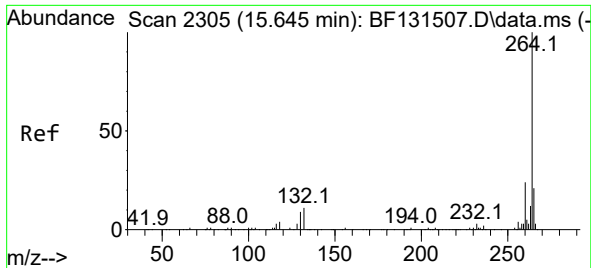
Tgt Ion:240 Resp: 317968
Ion Ratio Lower Upper
240 100
120 7.0 5.6 8.4
236 24.4 20.6 31.0



#79
Terphenyl-d14
Concen: 91.576 ng
RT: 13.069 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BF131522.D
Acq: 06 Dec 2022 12:09

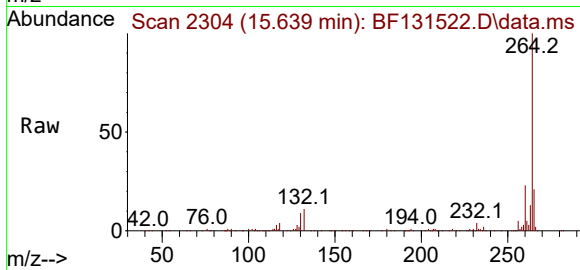
Tgt Ion:244 Resp: 1928150
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 7.5 5.4 8.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131522.D
Acq: 06 Dec 2022 12:09

Instrument :
BNA_F
ClientSampleId :
PB149413BL



Tgt Ion:264 Resp: 235048
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 21.3 17.0 25.4

