

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131521.D
 Acq On : 06 Dec 2022 11:37
 Operator : CG\JU
 Sample : PB149384BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149384BL

Quant Time: Dec 07 03:18:44 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)

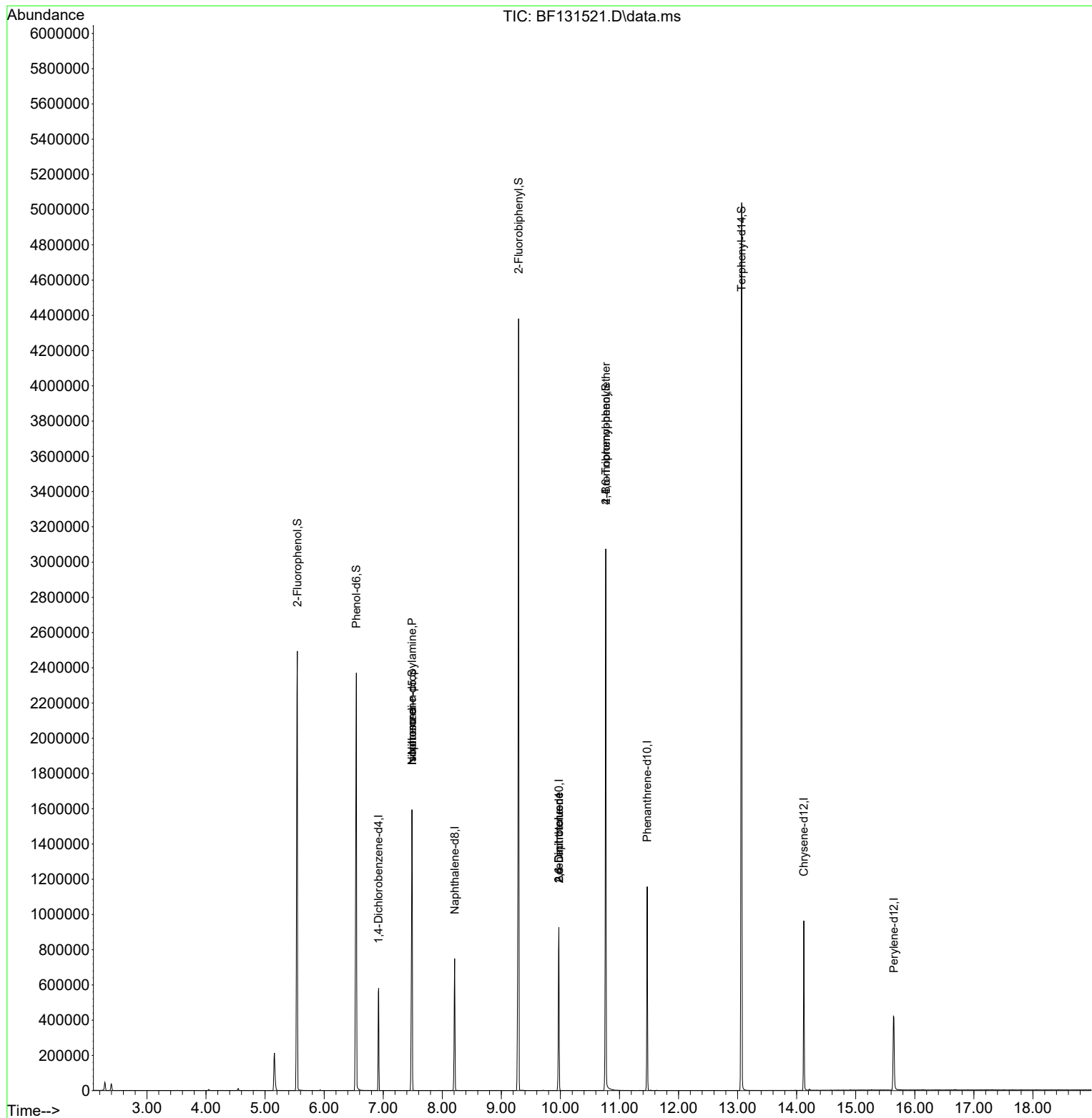
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	90636	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	335664	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	200433	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	407612	20.000	ng	0.00
76) Chrysene-d12	14.121	240	314023	20.000	ng	0.00
86) Perylene-d12	15.645	264	232542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	785685	148.032	ng	0.02
7) Phenol-d6	6.545	99	935393	141.132	ng	0.00
23) Nitrobenzene-d5	7.487	82	600295	82.080	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	389972	170.876	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1382372	90.478	ng	0.00
79) Terphenyl-d14	13.069	244	1913759	92.035	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.487	70	83637	18.646	ng	# 79
25) Isophorone	7.487	82	599924	52.734	ng	# 67
51) 2,6-Dinitrotoluene	9.975	165	26079	8.425	ng	# 20
57) 2,4-Dinitrotoluene	9.975	165	26079	6.421	ng	# 15
67) 4-Bromophenyl-phenylether	10.769	248	24534	4.811	ng	# 1
77) Benzidine	13.069	184	26000	Below Cal		# 93

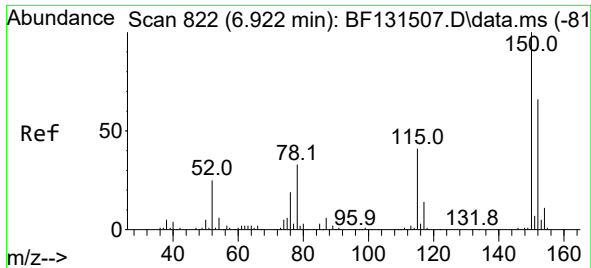
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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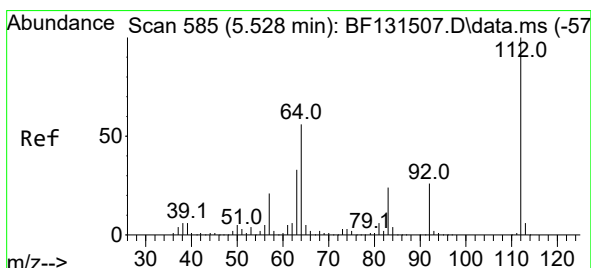
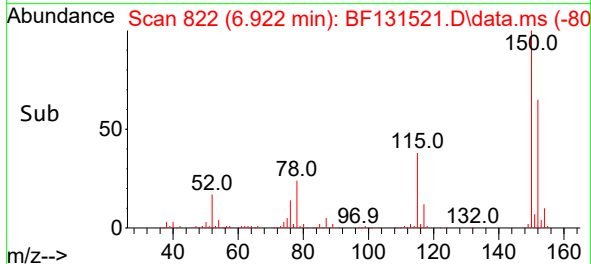
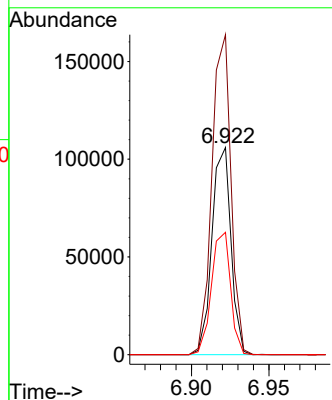
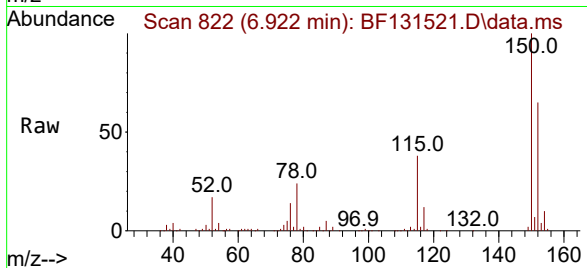




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131521.D
Acq: 06 Dec 2022 11:37

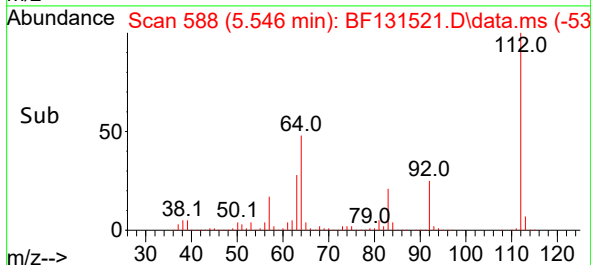
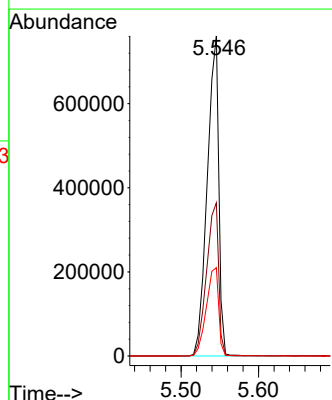
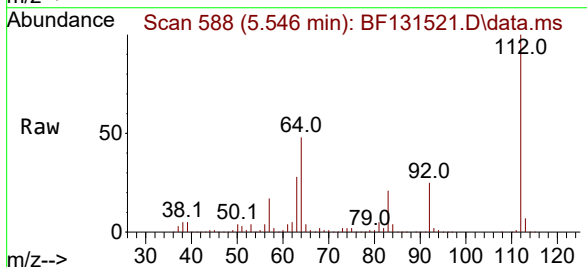
Instrument :
BNA_F
ClientSampleId :
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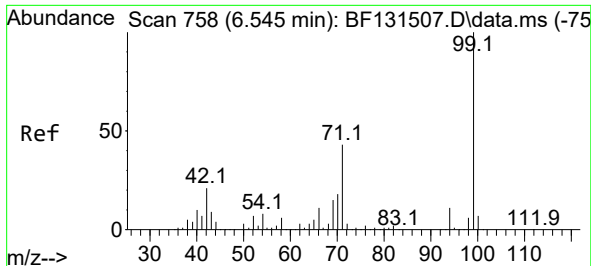
Tgt Ion:152 Resp: 90636
Ion Ratio Lower Upper
152 100
150 154.5 121.9 182.9
115 59.1 50.4 75.6



#5
2-Fluorophenol
Concen: 148.032 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.018 min
Lab File: BF131521.D
Acq: 06 Dec 2022 11:37

Tgt Ion:112 Resp: 785685
Ion Ratio Lower Upper
112 100
64 47.9 44.5 66.7
63 27.6 26.7 40.1

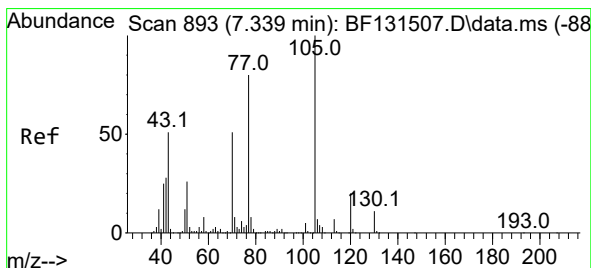
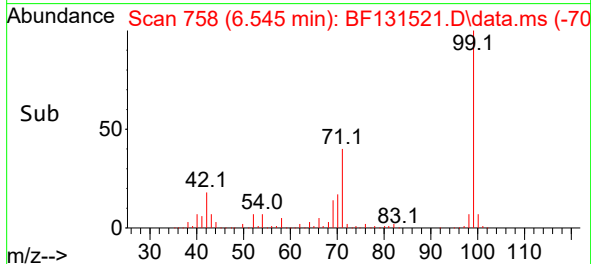
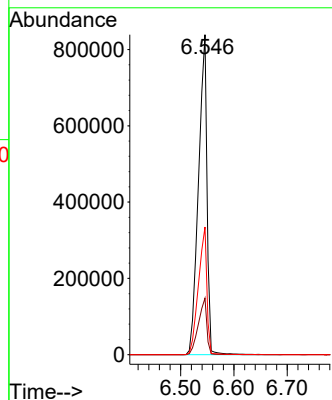
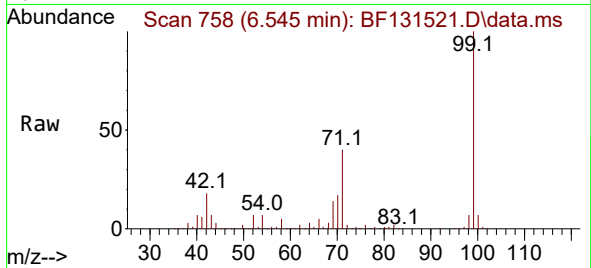




#7
Phenol-d6
Concen: 141.132 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131521.D
Acq: 06 Dec 2022 11:37

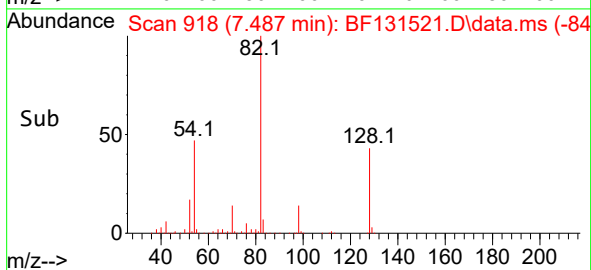
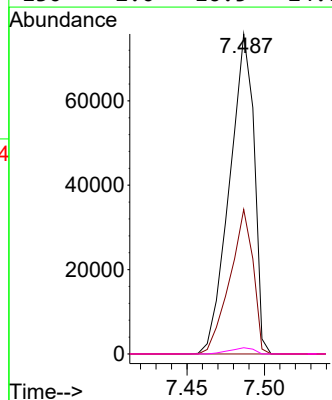
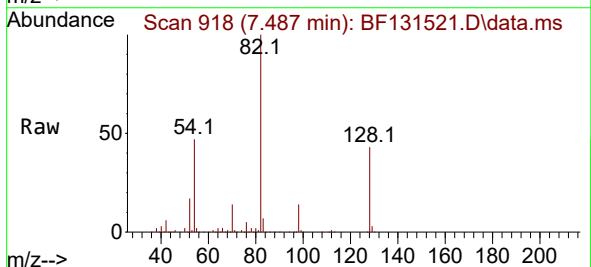
Instrument :
BNA_F
ClientSampleId :
PB149384BL

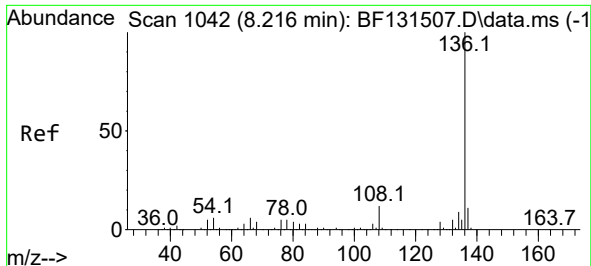
Tgt Ion: 99 Resp: 935393
Ion Ratio Lower Upper
99 100
42 17.6 16.6 25.0
71 39.9 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.646 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF131521.D
Acq: 06 Dec 2022 11:37

Tgt Ion: 70 Resp: 83637
Ion Ratio Lower Upper
70 100
42 45.2 44.1 66.1
101 0.0 7.7 11.5#
130 2.0 16.5 24.7#

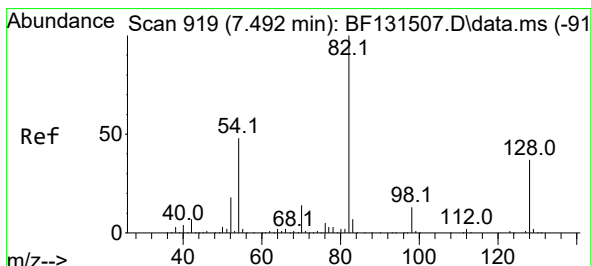
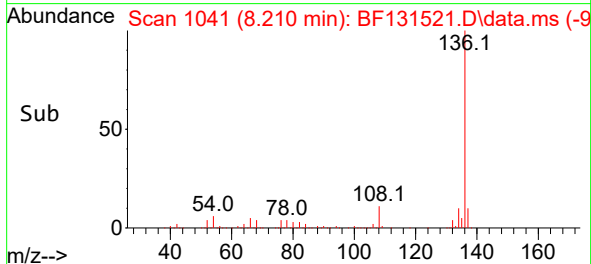
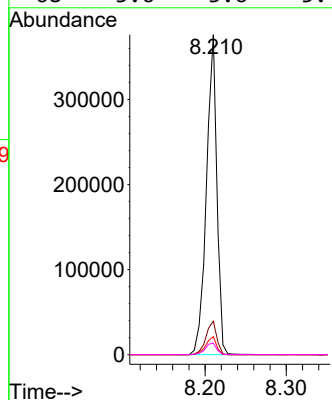
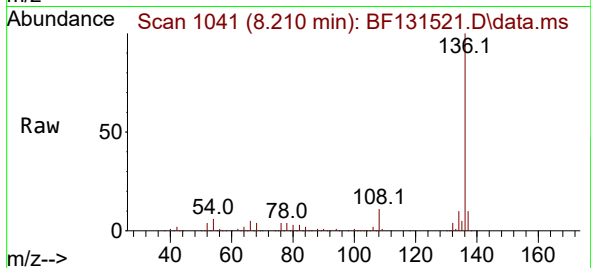




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131521.D
Acq: 06 Dec 2022 11:37

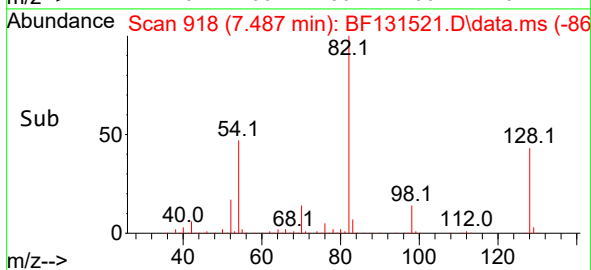
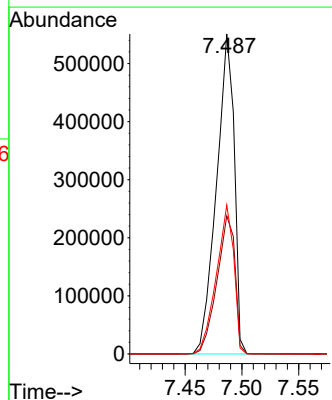
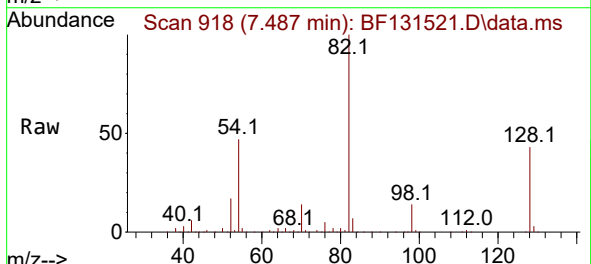
Instrument :
BNA_F
ClientSampleId :
PB149384BL

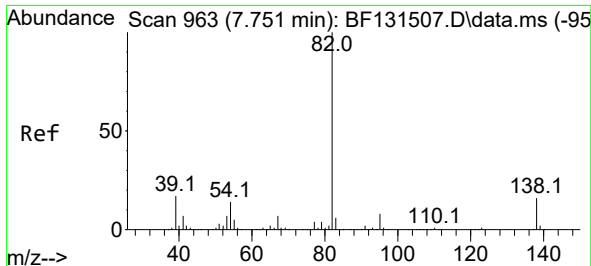
Tgt Ion:136 Resp: 335664
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 5.7 5.0 7.6
68 3.6 3.6 5.4



#23
Nitrobenzene-d5
Concen: 82.080 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF131521.D
Acq: 06 Dec 2022 11:37

Tgt Ion: 82 Resp: 600295
Ion Ratio Lower Upper
82 100
128 43.2 29.7 44.5
54 46.5 38.7 58.1

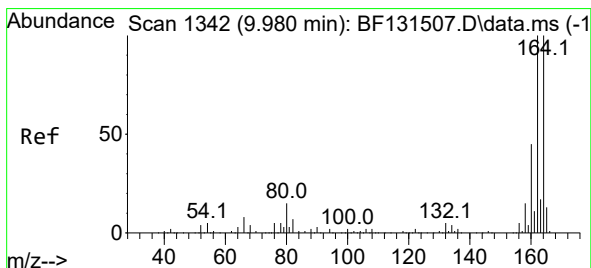
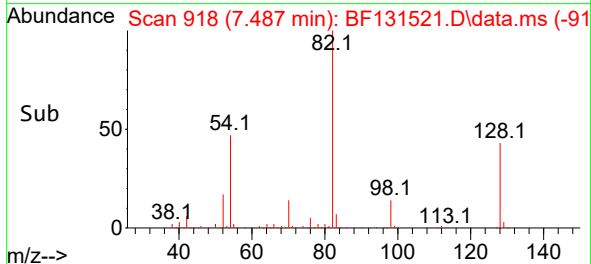
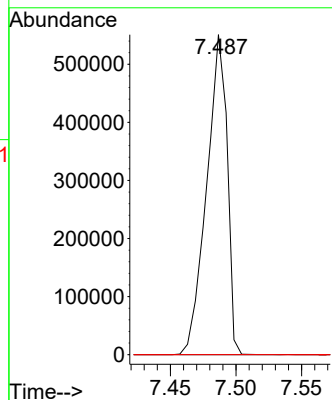
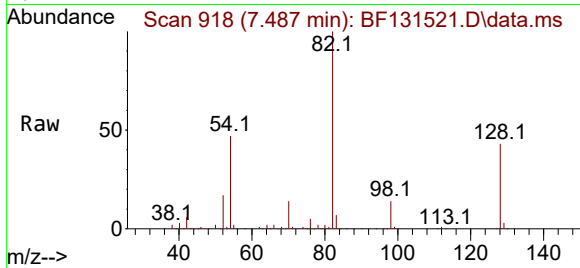




#25
Isophorone
Concen: 52.734 ng
RT: 7.487 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131521.D
Acq: 06 Dec 2022 11:37

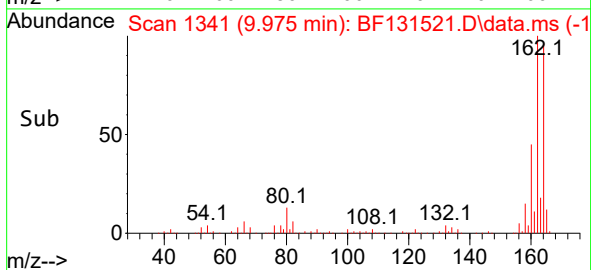
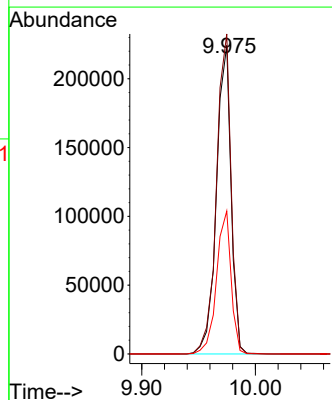
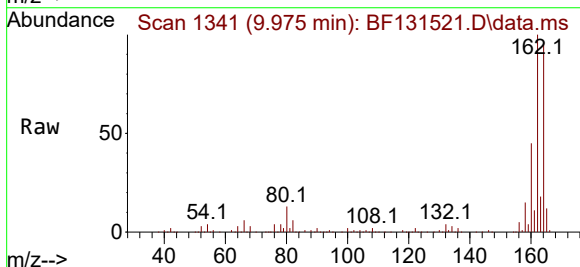
Instrument :
BNA_F
ClientSampleId :
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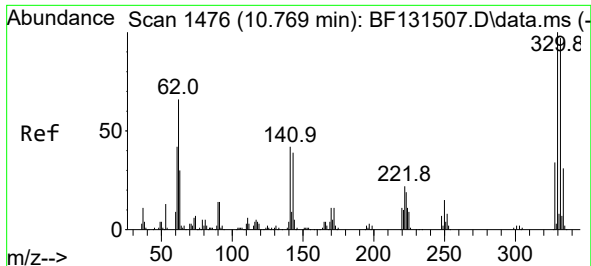
Tgt Ion: 82 Resp: 599924
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF131521.D
Acq: 06 Dec 2022 11:37

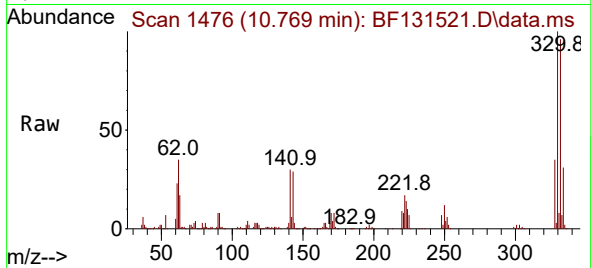
Tgt Ion: 164 Resp: 200433
Ion Ratio Lower Upper
164 100
162 103.7 80.1 120.1
160 46.3 36.4 54.6



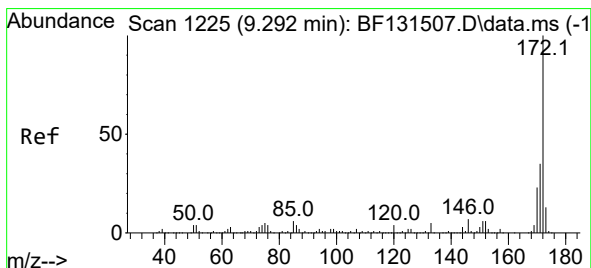
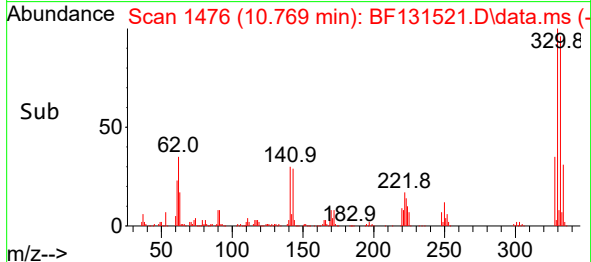
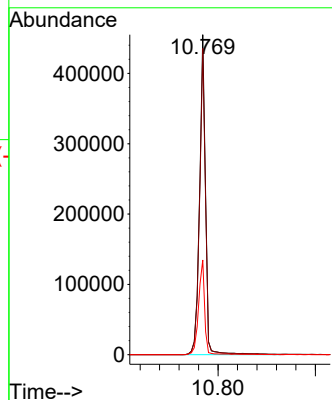


#42
2,4,6-Tribromophenol
Concen: 170.876 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF131521.D
Acq: 06 Dec 2022 11:37

Instrument :
BNA_F
ClientSampleId :
PB149384BL

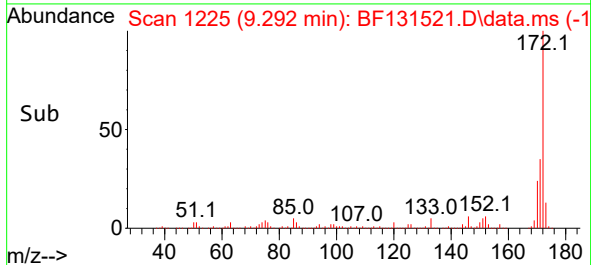
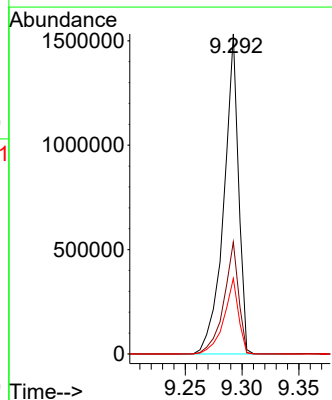
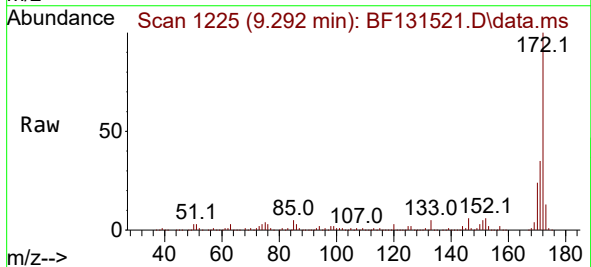


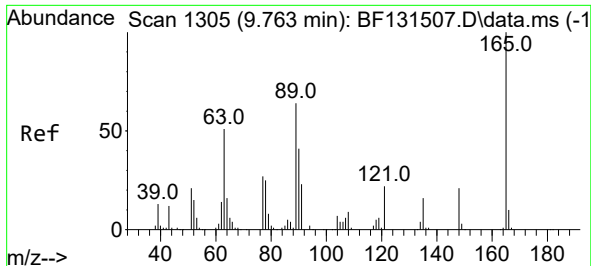
Tgt Ion:330 Resp: 389972
Ion Ratio Lower Upper
330 100
332 94.9 78.2 117.2
141 30.7 29.1 43.7



#45
2-Fluorobiphenyl
Concen: 90.478 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF131521.D
Acq: 06 Dec 2022 11:37

Tgt Ion:172 Resp: 1382372
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.6 18.7 28.1

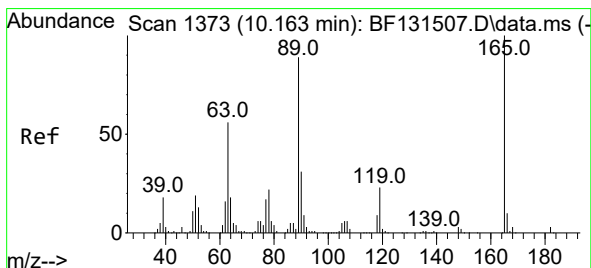
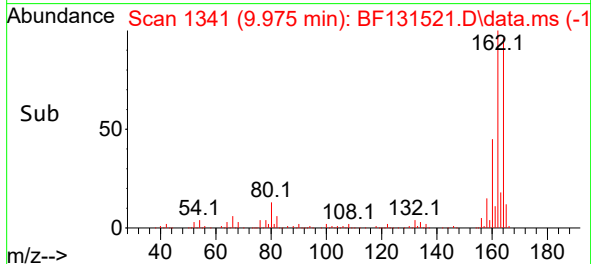
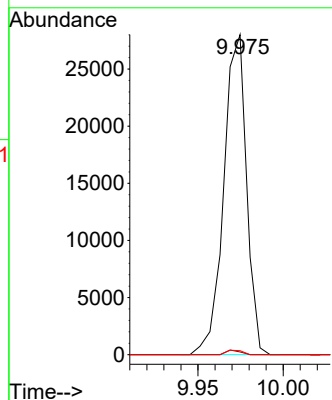
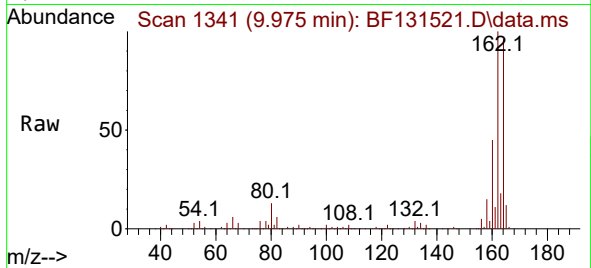




#51
2,6-Dinitrotoluene
Concen: 8.425 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131521.D
Acq: 06 Dec 2022 11:37

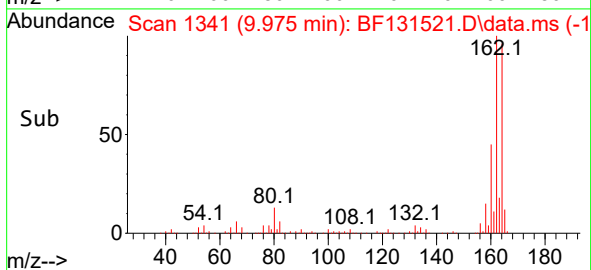
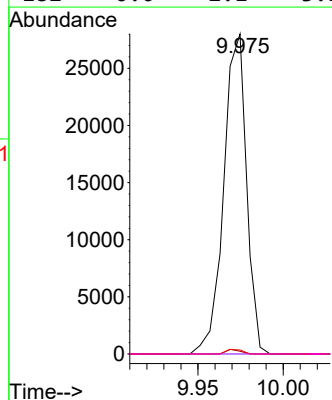
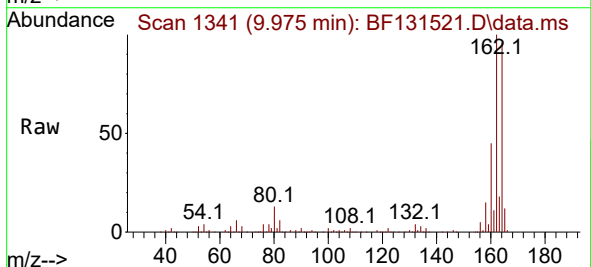
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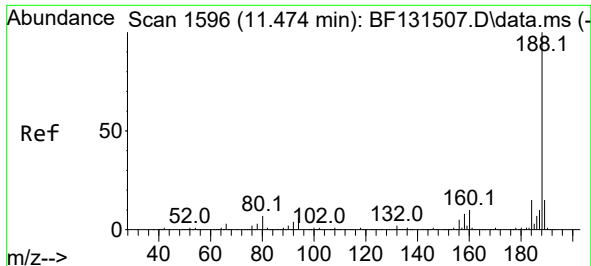
Tgt Ion:165 Resp: 26079
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.2 51.3 76.9#



#57
2,4-Dinitrotoluene
Concen: 6.421 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.188 min
Lab File: BF131521.D
Acq: 06 Dec 2022 11:37

Tgt Ion:165 Resp: 26079
Ion Ratio Lower Upper
165 100
63 0.9 45.3 67.9#
89 1.2 71.0 106.4#
182 0.0 2.1 3.1#

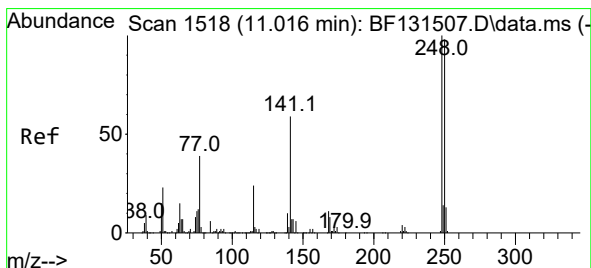
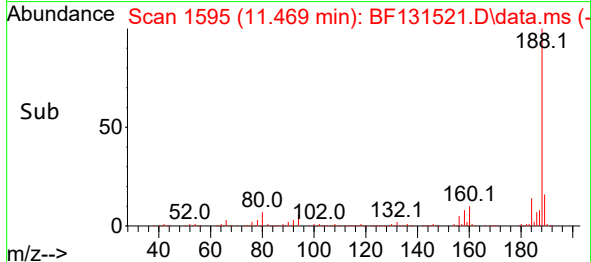
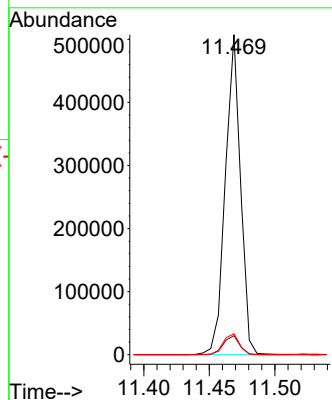
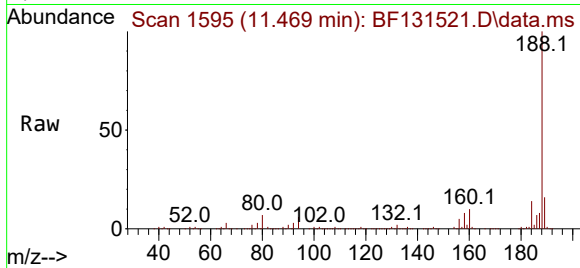




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131521.D
Acq: 06 Dec 2022 11:37

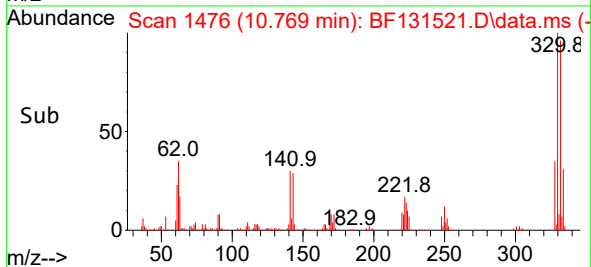
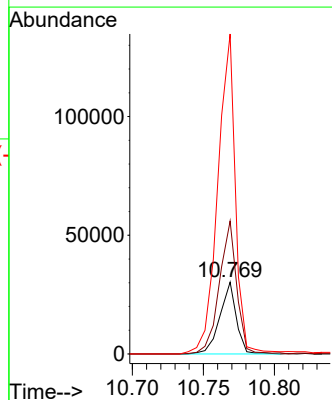
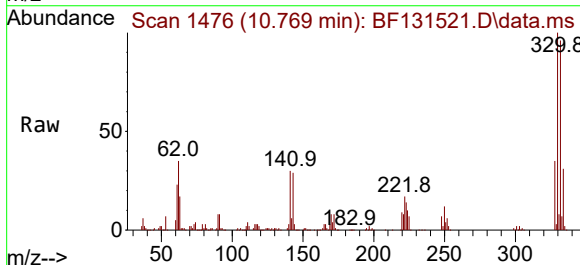
Instrument :
BNA_F
ClientSampleId :
PB149384BL

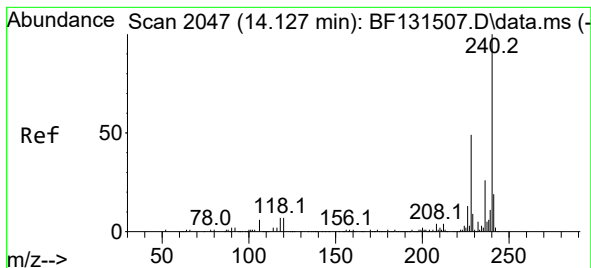
Tgt Ion:188 Resp: 407612
Ion Ratio Lower Upper
188 100
94 5.9 5.1 7.7
80 6.6 5.9 8.9



#67
4-Bromophenyl-phenylether
Concen: 4.811 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.247 min
Lab File: BF131521.D
Acq: 06 Dec 2022 11:37

Tgt Ion:248 Resp: 24534
Ion Ratio Lower Upper
248 100
250 184.9 78.6 117.8#
141 444.9 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: BF131521.D

Acq: 06 Dec 2022 11:37

Instrument :

BNA_F

ClientSampleId :

PB149384BL

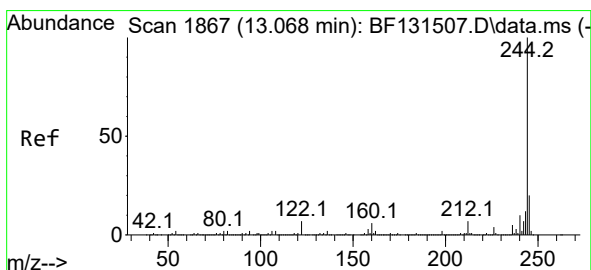
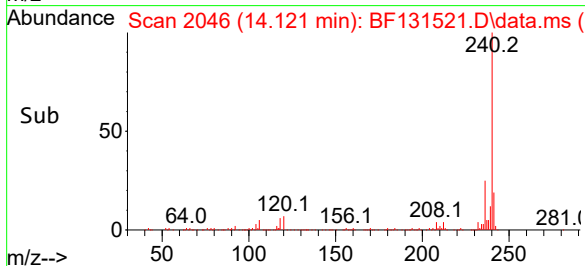
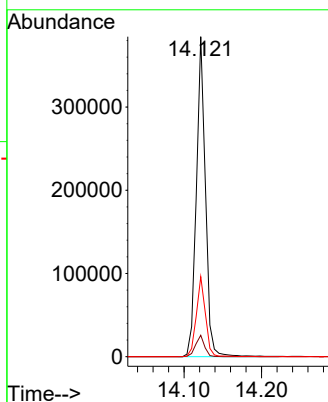
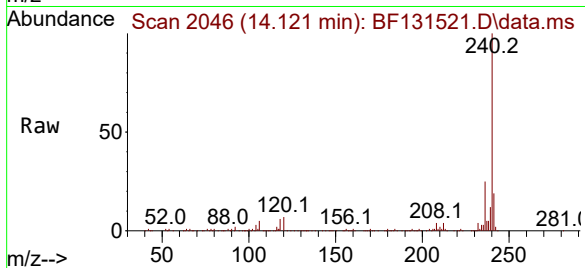
Tgt Ion:240 Resp: 314023

Ion Ratio Lower Upper

240 100

120 6.7 5.6 8.4

236 25.0 20.6 31.0



#79

Terphenyl-d14

Concen: 92.035 ng

RT: 13.069 min Scan# 1867

Delta R.T. 0.000 min

Lab File: BF131521.D

Acq: 06 Dec 2022 11:37

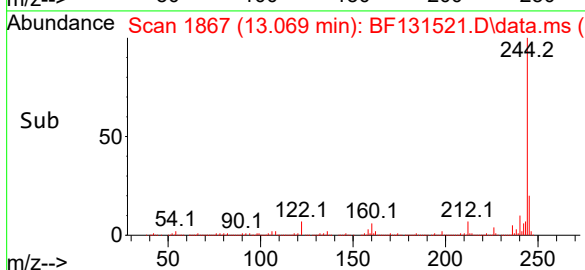
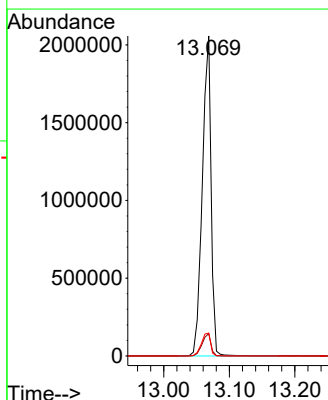
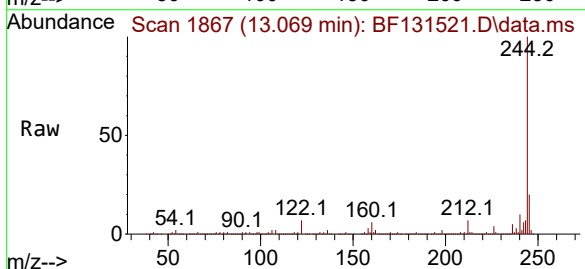
Tgt Ion:244 Resp: 1913759

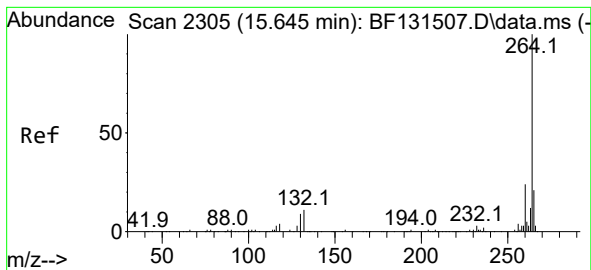
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

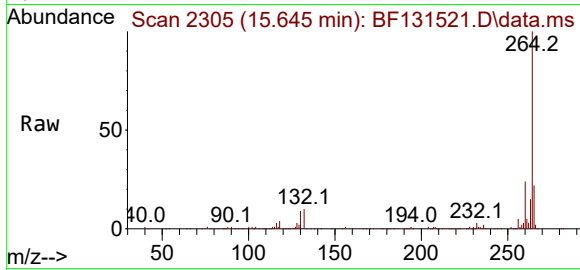
122 7.2 5.4 8.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131521.D
Acq: 06 Dec 2022 11:37

Instrument :
BNA_F
ClientSampleId :
PB149384BL



Tgt Ion:264 Resp: 232542
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 22.0 17.0 25.4

