

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131524.D
 Acq On : 06 Dec 2022 13:12
 Operator : CG\JU
 Sample : PB149376TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149376TB

Quant Time: Dec 07 03:19:48 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)

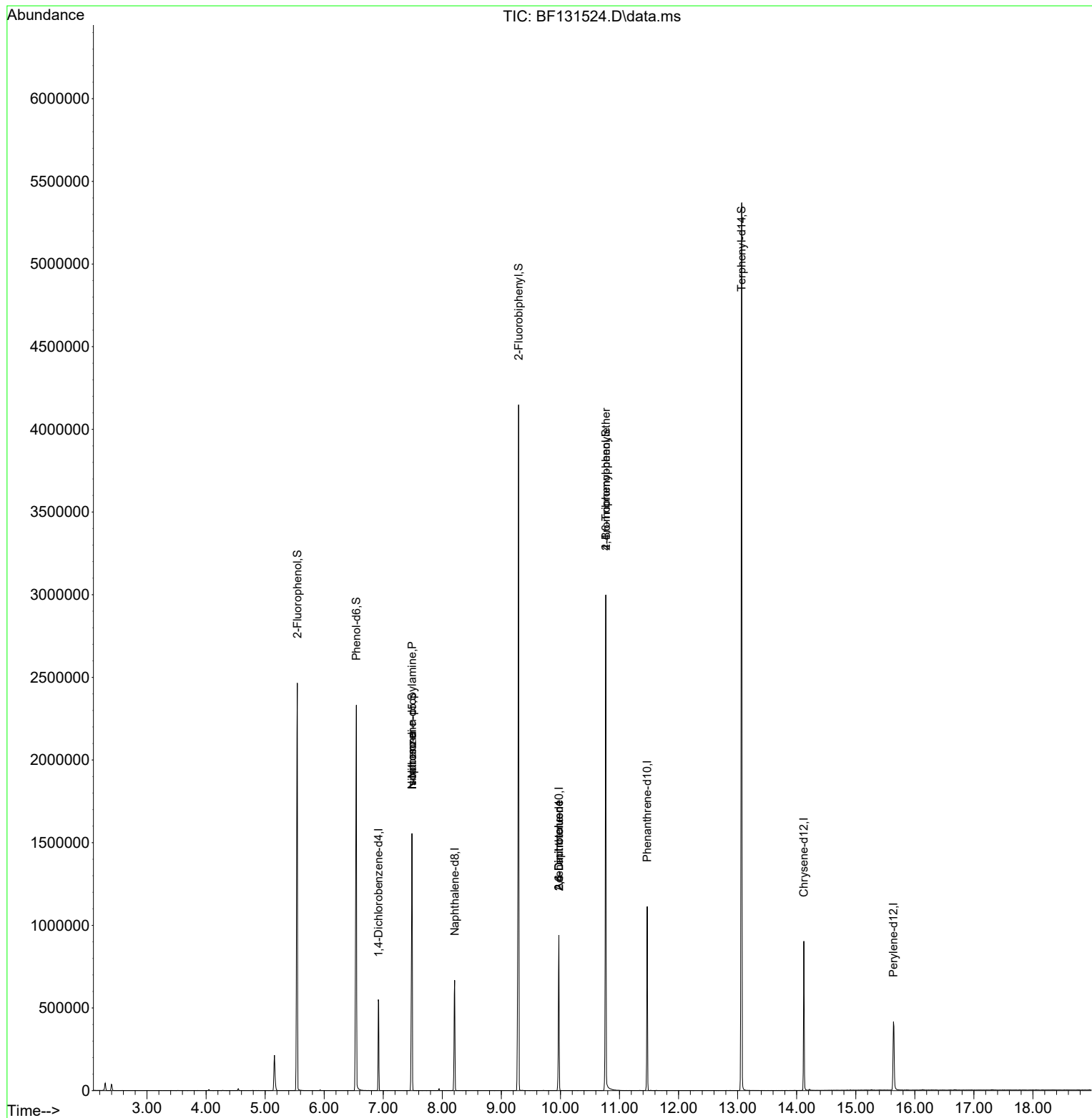
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	85262	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	321473	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	195749	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	391053	20.000	ng	0.00
76) Chrysene-d12	14.121	240	309773	20.000	ng	0.00
86) Perylene-d12	15.639	264	229593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	752381	150.692	ng	0.02
7) Phenol-d6	6.545	99	883693	141.735	ng	0.00
23) Nitrobenzene-d5	7.486	82	572476	81.732	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	379989	170.486	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1345450	90.168	ng	0.00
79) Terphenyl-d14	13.068	244	1878009	91.554	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	80583	19.097	ng	# 77
25) Isophorone	7.486	82	571959	52.495	ng	# 67
51) 2,6-Dinitrotoluene	9.975	165	25196	8.335	ng	# 20
57) 2,4-Dinitrotoluene	9.975	165	25196	6.352	ng	# 15
67) 4-Bromophenyl-phenylether	10.769	248	23444	4.792	ng	# 1
77) Benzidine	13.068	184	26027	Below Cal		# 95

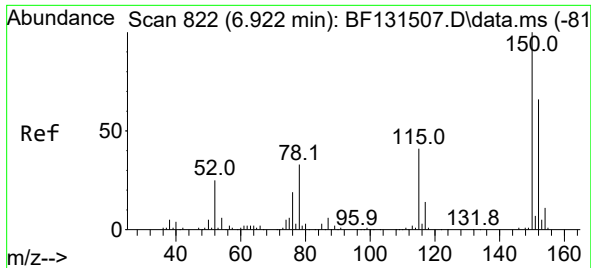
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
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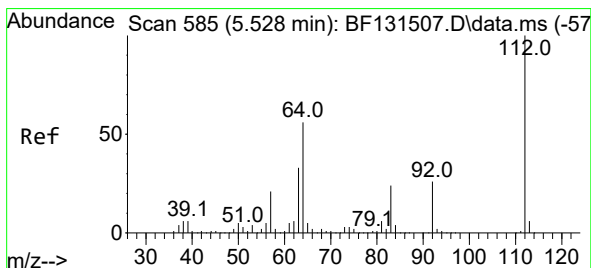
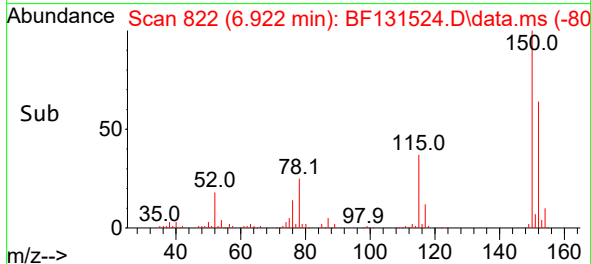
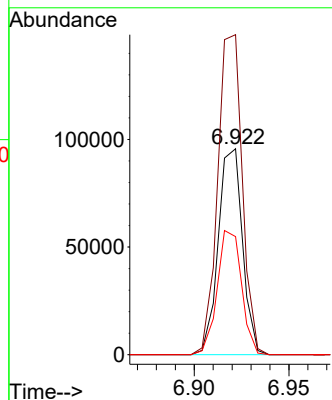
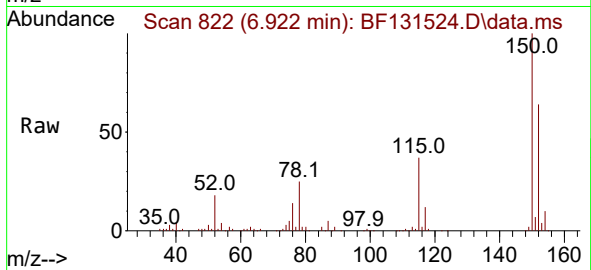




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131524.D
Acq: 06 Dec 2022 13:12

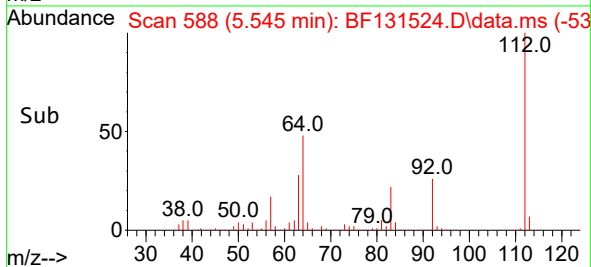
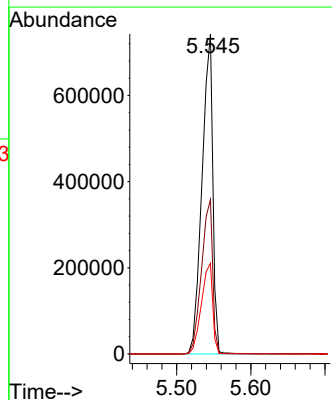
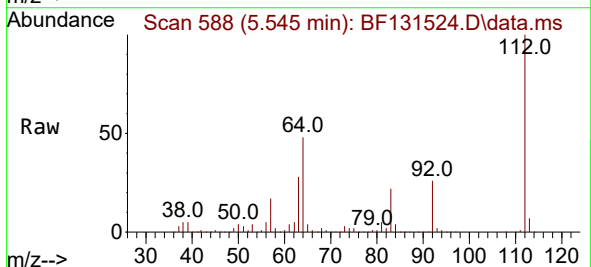
Instrument :
BNA_F
ClientSampleId :
PB149376TB

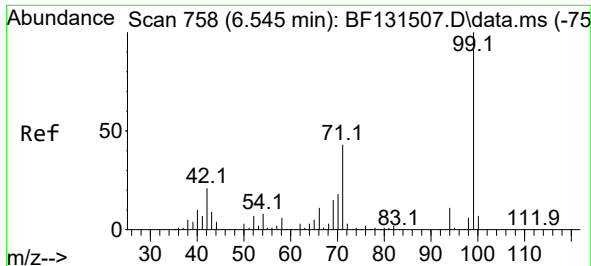
Tgt Ion:152 Resp: 85262
Ion Ratio Lower Upper
152 100
150 155.4 121.9 182.9
115 57.4 50.4 75.6



#5
2-Fluorophenol
Concen: 150.692 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.018 min
Lab File: BF131524.D
Acq: 06 Dec 2022 13:12

Tgt Ion:112 Resp: 752381
Ion Ratio Lower Upper
112 100
64 48.3 44.5 66.7
63 28.4 26.7 40.1

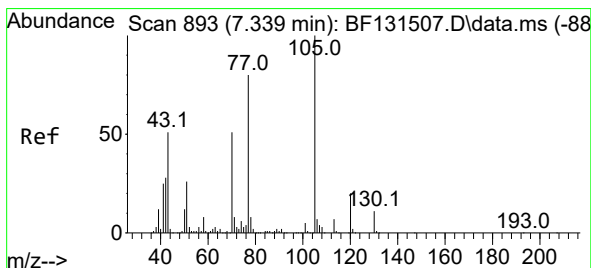
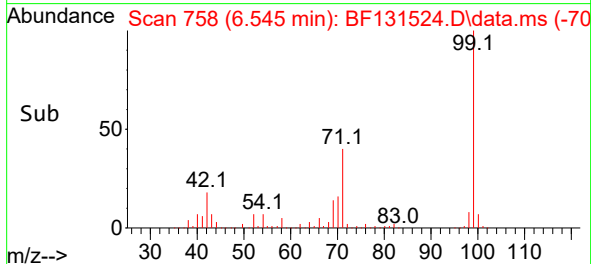
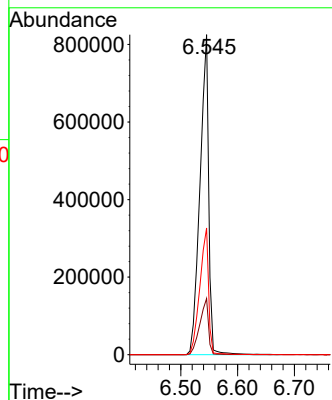
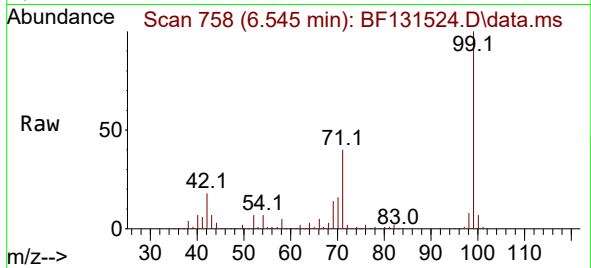




#7
Phenol-d6
Concen: 141.735 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131524.D
Acq: 06 Dec 2022 13:12

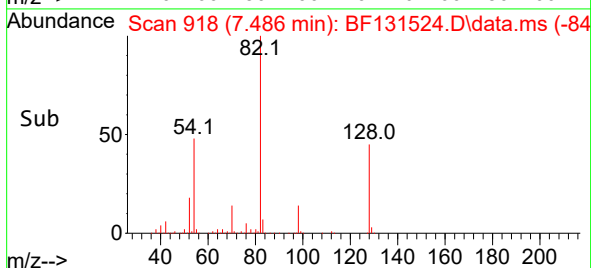
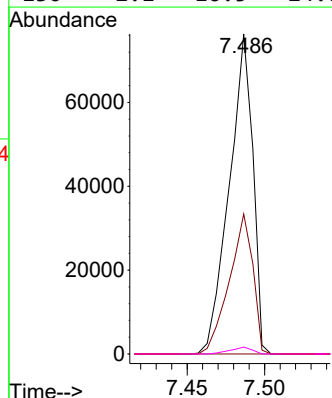
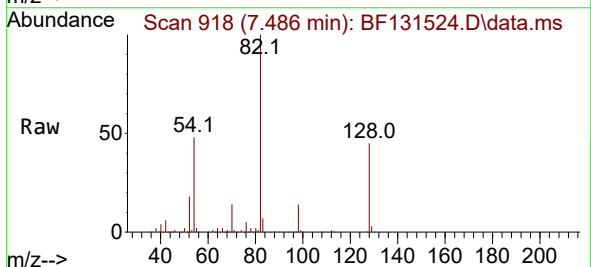
Instrument :
BNA_F
ClientSampleId :
PB149376TB

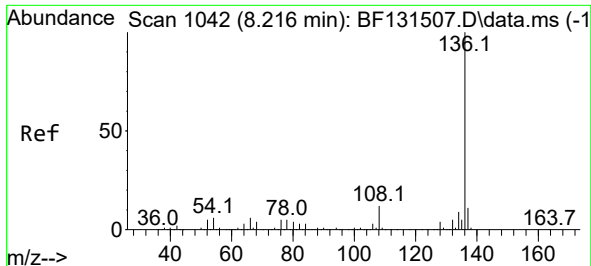
Tgt Ion: 99 Resp: 883693
Ion Ratio Lower Upper
99 100
42 17.5 16.6 25.0
71 39.6 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.097 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF131524.D
Acq: 06 Dec 2022 13:12

Tgt Ion: 70 Resp: 80583
Ion Ratio Lower Upper
70 100
42 43.7 44.1 66.1#
101 0.0 7.7 11.5#
130 2.1 16.5 24.7#

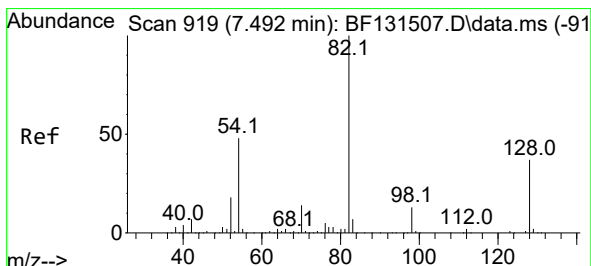
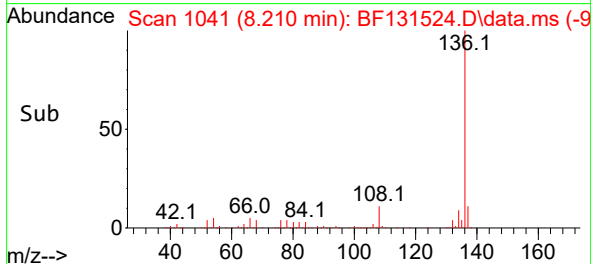
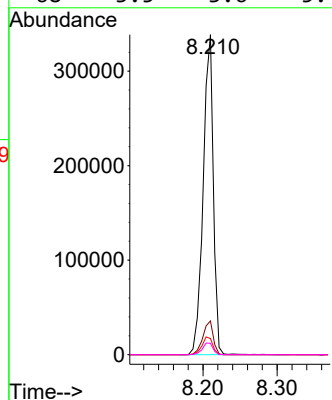
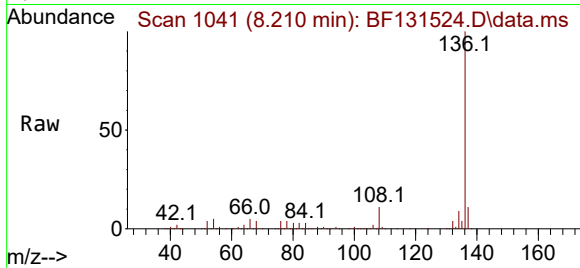




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131524.D
Acq: 06 Dec 2022 13:12

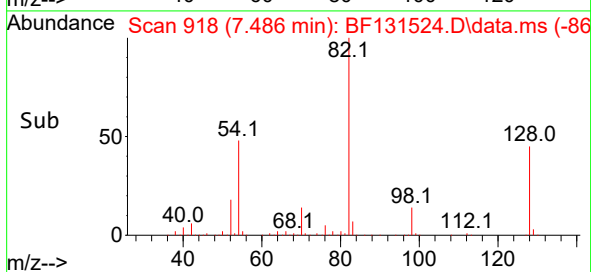
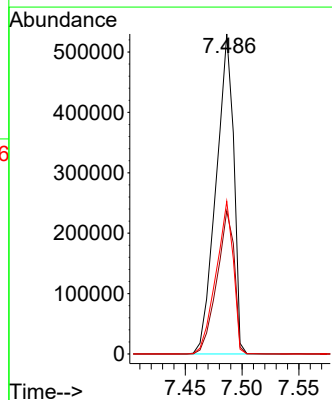
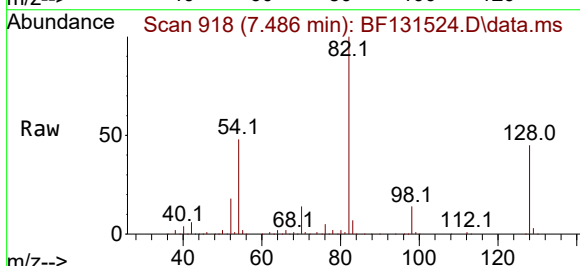
Instrument :
BNA_F
ClientSampleId :
PB149376TB

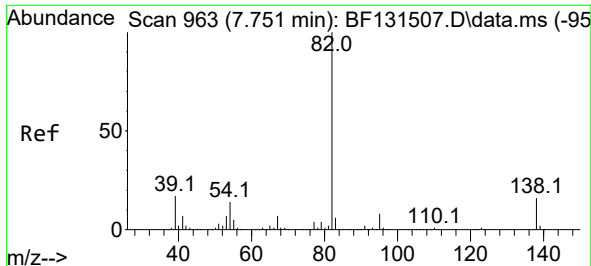
Tgt Ion:136 Resp: 321473
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 5.1 5.0 7.6
68 3.5 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 81.732 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF131524.D
Acq: 06 Dec 2022 13:12

Tgt Ion: 82 Resp: 572476
Ion Ratio Lower Upper
82 100
128 44.7 29.7 44.5#
54 47.7 38.7 58.1

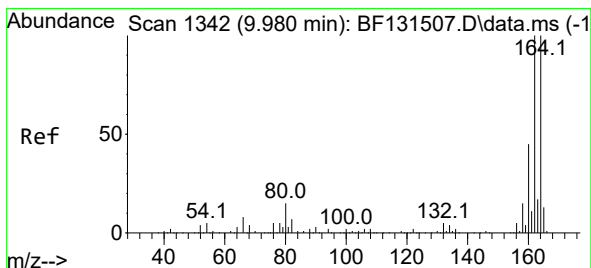
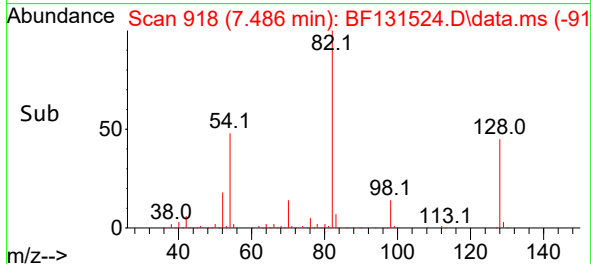
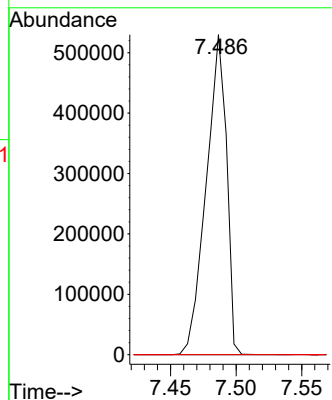
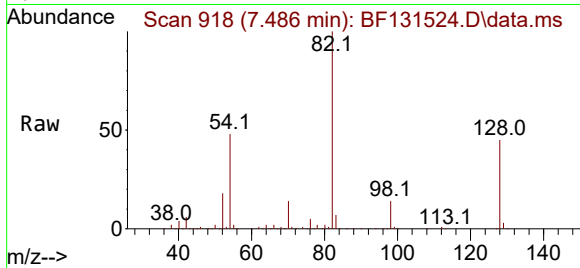




#25
Isophorone
Concen: 52.495 ng
RT: 7.486 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131524.D
Acq: 06 Dec 2022 13:12

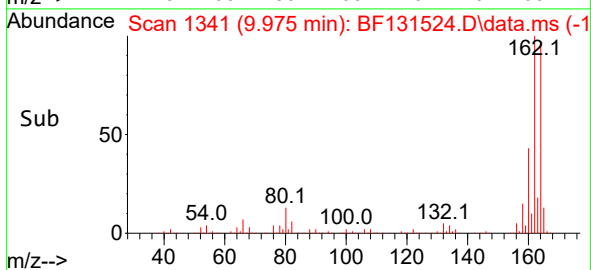
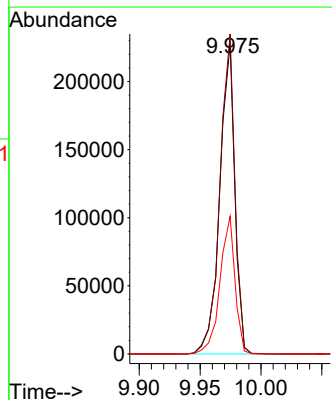
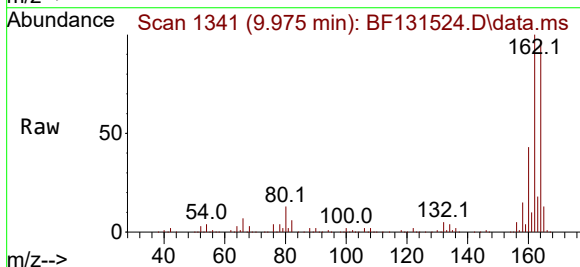
Instrument :
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ClientSampleId :
PB149376TB

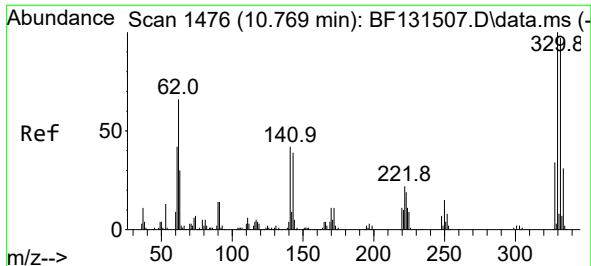
Tgt Ion: 82 Resp: 571959
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF131524.D
Acq: 06 Dec 2022 13:12

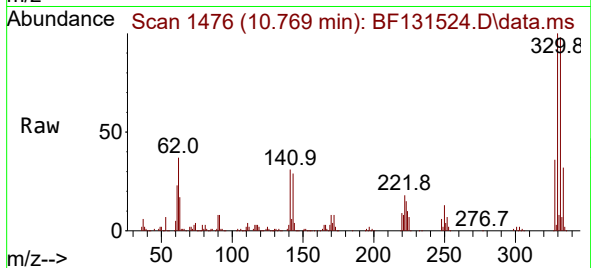
Tgt Ion:164 Resp: 195749
Ion Ratio Lower Upper
164 100
162 103.1 80.1 120.1
160 44.4 36.4 54.6



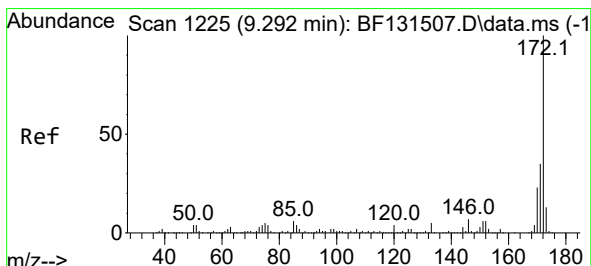
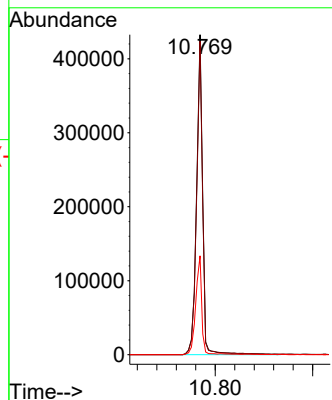
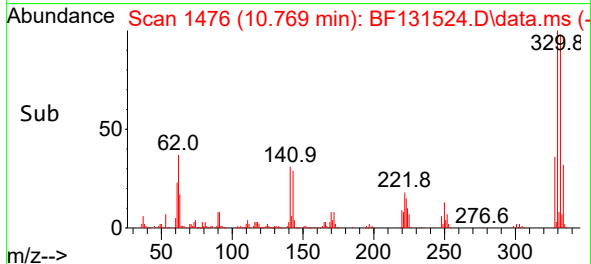


#42
2,4,6-Tribromophenol
Concen: 170.486 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF131524.D
Acq: 06 Dec 2022 13:12

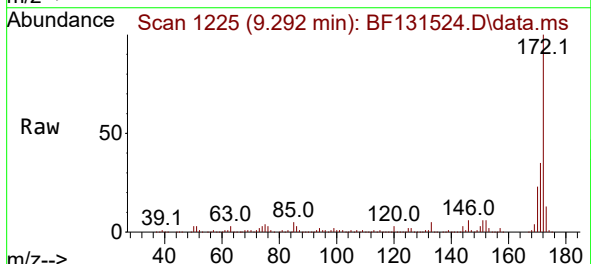
Instrument :
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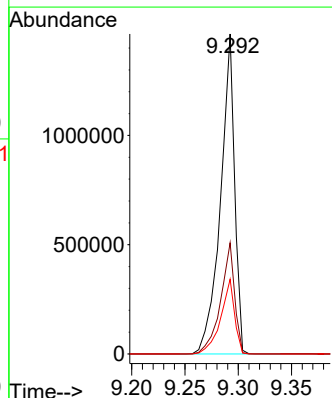
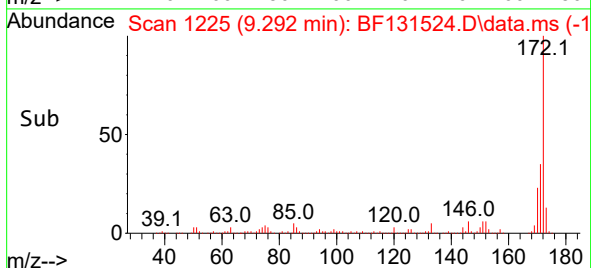
Tgt Ion:330 Resp: 379989
Ion Ratio Lower Upper
330 100
332 95.9 78.2 117.2
141 30.7 29.1 43.7

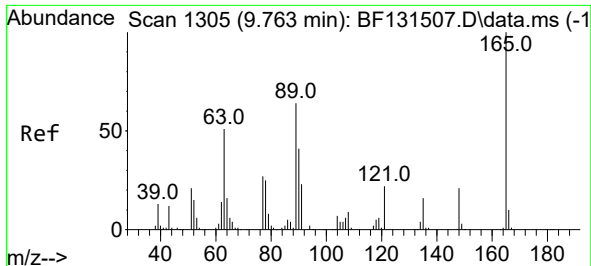


#45
2-Fluorobiphenyl
Concen: 90.168 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF131524.D
Acq: 06 Dec 2022 13:12



Tgt Ion:172 Resp: 1345450
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.4 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.335 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.212 min

Lab File: BF131524.D

Acq: 06 Dec 2022 13:12

Instrument :

BNA_F

ClientSampleId :

PB149376TB

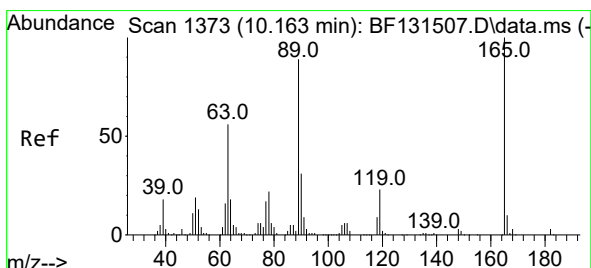
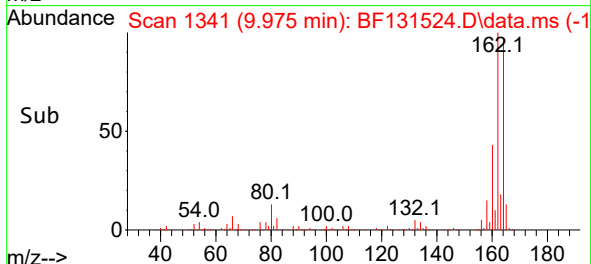
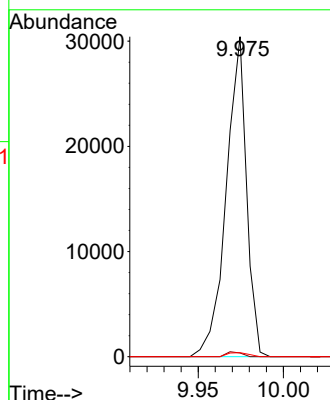
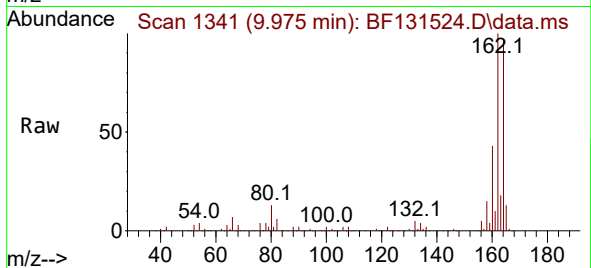
Tgt Ion:165 Resp: 25196

Ion Ratio Lower Upper

165 100

63 1.2 50.1 75.1#

89 1.3 51.3 76.9#



#57

2,4-Dinitrotoluene

Concen: 6.352 ng

RT: 9.975 min Scan# 1341

Delta R.T. -0.188 min

Lab File: BF131524.D

Acq: 06 Dec 2022 13:12

Tgt Ion:165 Resp: 25196

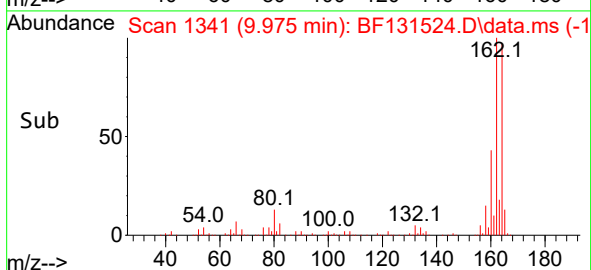
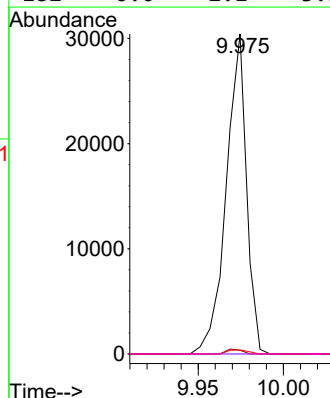
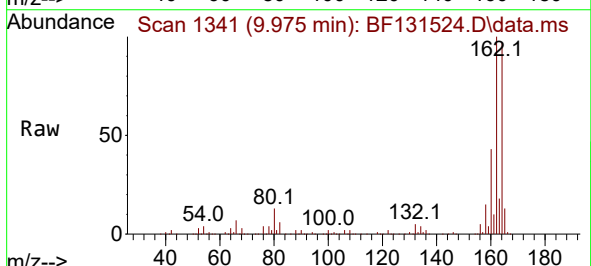
Ion Ratio Lower Upper

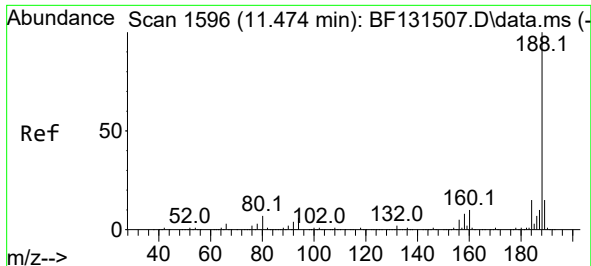
165 100

63 1.2 45.3 67.9#

89 1.3 71.0 106.4#

182 0.0 2.1 3.1#

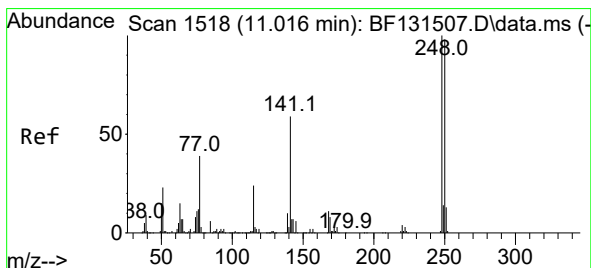
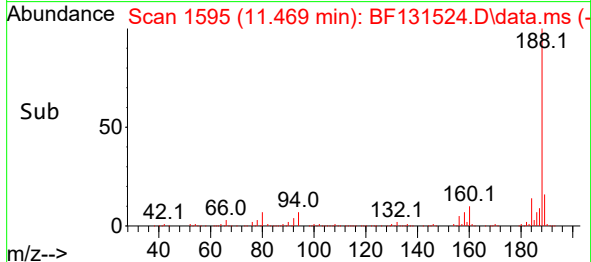
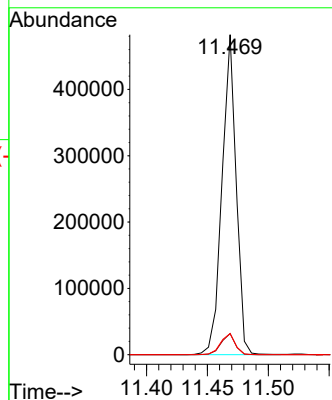
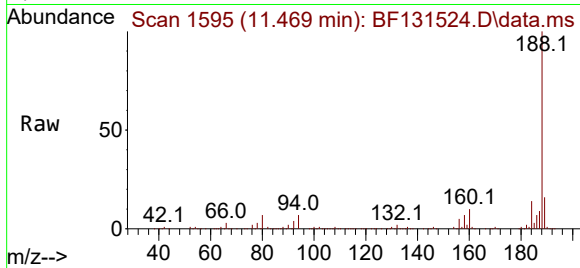




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131524.D
Acq: 06 Dec 2022 13:12

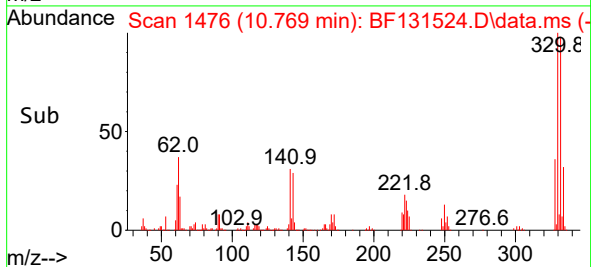
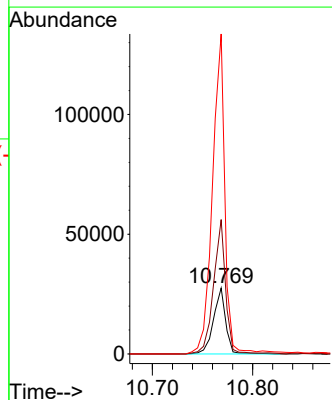
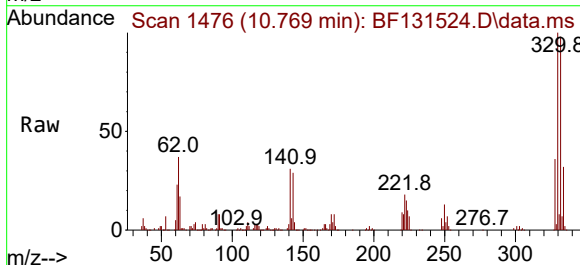
Instrument :
BNA_F
ClientSampleId :
PB149376TB

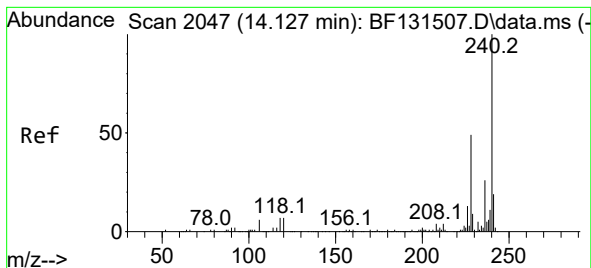
Tgt Ion:188 Resp: 391053
Ion Ratio Lower Upper
188 100
94 6.6 5.1 7.7
80 6.6 5.9 8.9



#67
4-Bromophenyl-phenylether
Concen: 4.792 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.247 min
Lab File: BF131524.D
Acq: 06 Dec 2022 13:12

Tgt Ion:248 Resp: 23444
Ion Ratio Lower Upper
248 100
250 203.8 78.6 117.8#
141 485.2 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: BF131524.D

Acq: 06 Dec 2022 13:12

Instrument :

BNA_F

ClientSampleId :

PB149376TB

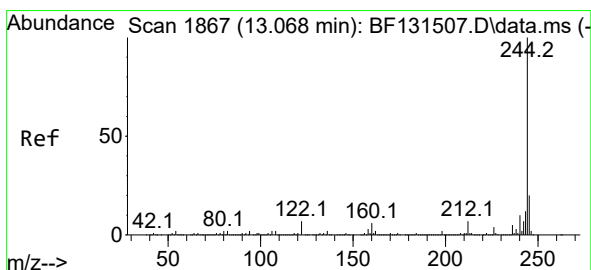
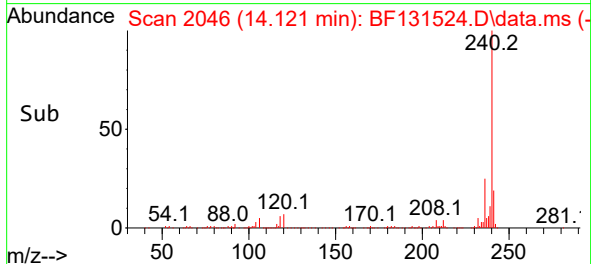
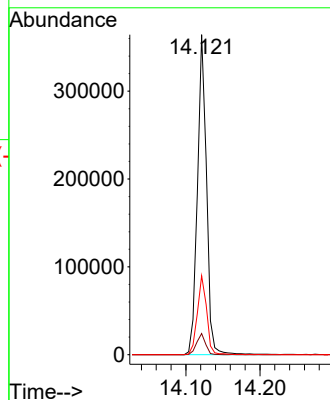
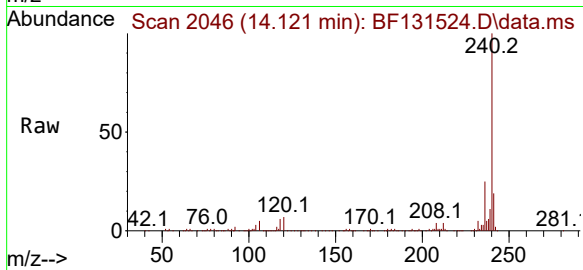
Tgt Ion:240 Resp: 309773

Ion Ratio Lower Upper

240 100

120 6.6 5.6 8.4

236 24.7 20.6 31.0



#79

Terphenyl-d14

Concen: 91.554 ng

RT: 13.068 min Scan# 1867

Delta R.T. 0.000 min

Lab File: BF131524.D

Acq: 06 Dec 2022 13:12

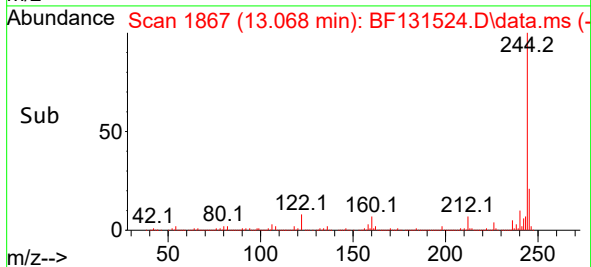
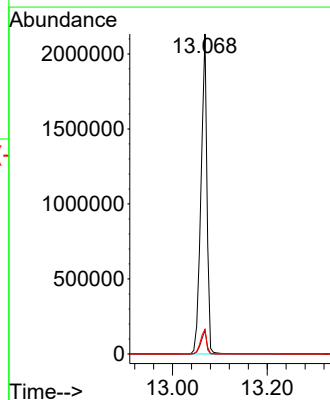
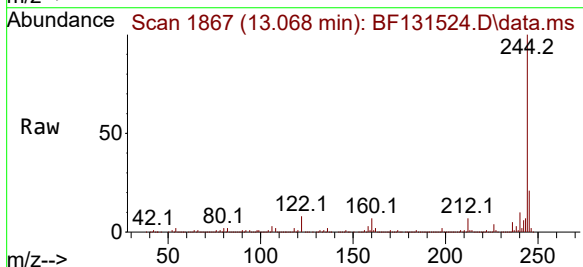
Tgt Ion:244 Resp: 1878009

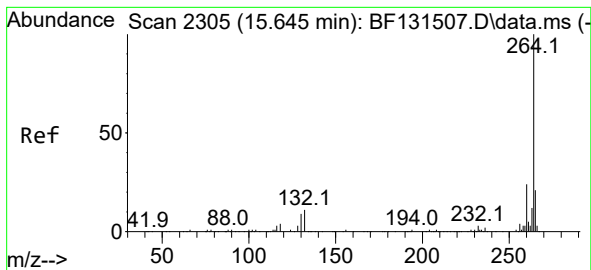
Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

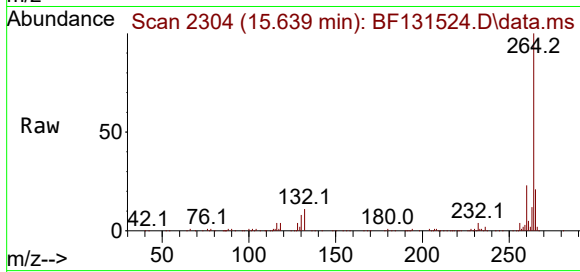
122 7.7 5.4 8.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131524.D
Acq: 06 Dec 2022 13:12

Instrument :
BNA_F
ClientSampleId :
PB149376TB



Tgt Ion:264 Resp: 229593
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.4
265 21.2 17.0 25.4

