

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131529.D
 Acq On : 06 Dec 2022 15:52
 Operator : CG\JU
 Sample : PB149379BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149379BL

Quant Time: Dec 07 03:22:07 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)

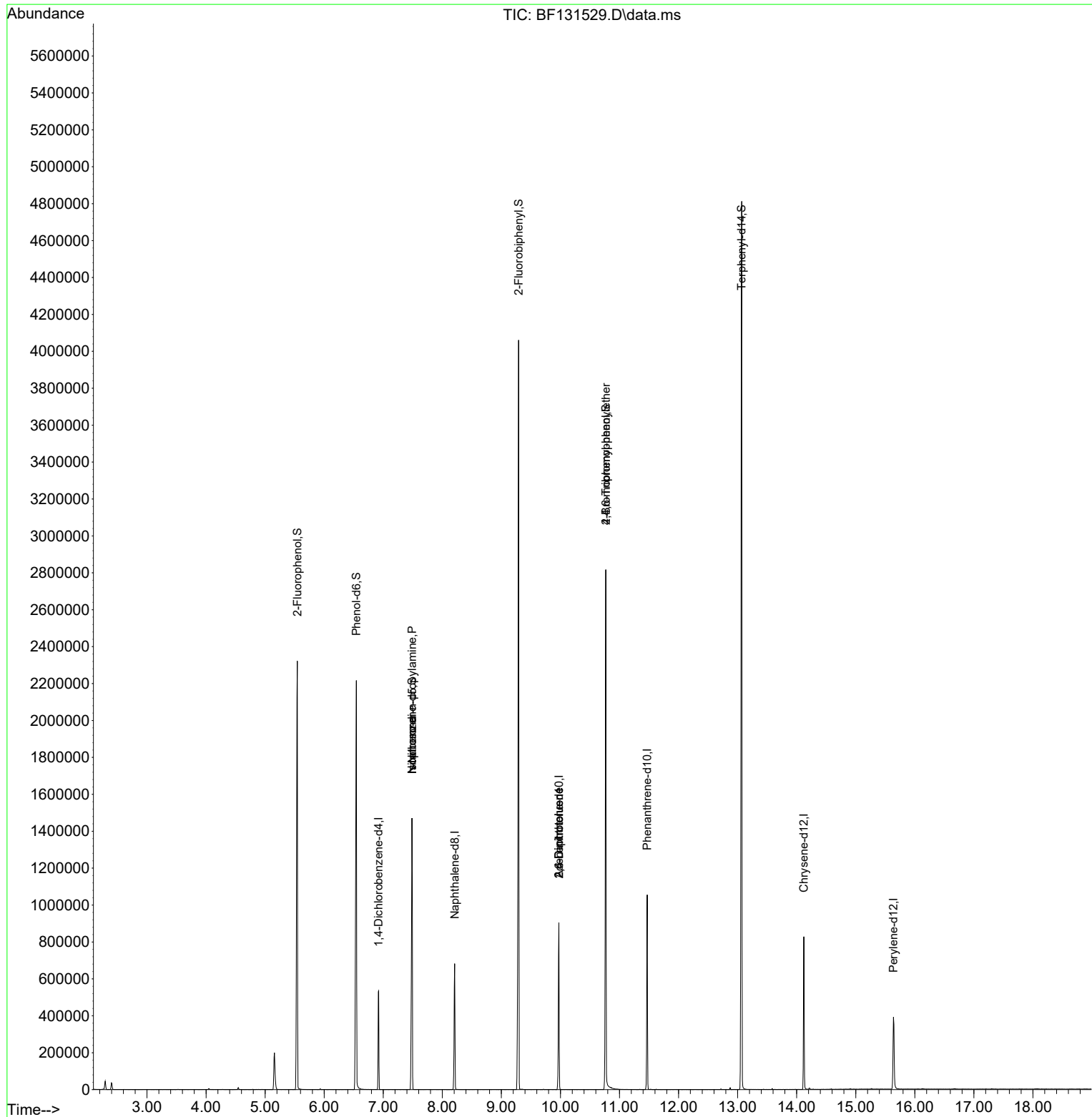
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	84650	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	317682	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	189345	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	377164	20.000	ng	0.00
76) Chrysene-d12	14.121	240	277039	20.000	ng	0.00
86) Perylene-d12	15.639	264	212990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	744839	150.260	ng	0.02
7) Phenol-d6	6.545	99	868820	140.357	ng	0.00
23) Nitrobenzene-d5	7.486	82	562991	81.337	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	362717	168.240	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1318849	91.375	ng	0.00
79) Terphenyl-d14	13.068	244	1773722	96.687	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.486	70	77196	18.427	ng	# 77
25) Isophorone	7.486	82	562420	52.236	ng	# 67
51) 2,6-Dinitrotoluene	9.975	165	24198	8.275	ng	# 20
57) 2,4-Dinitrotoluene	9.975	165	24198	6.307	ng	# 15
67) 4-Bromophenyl-phenylether	10.769	248	22133	4.690	ng	# 1
77) Benzidine	13.068	184	24694	Below Cal		# 94

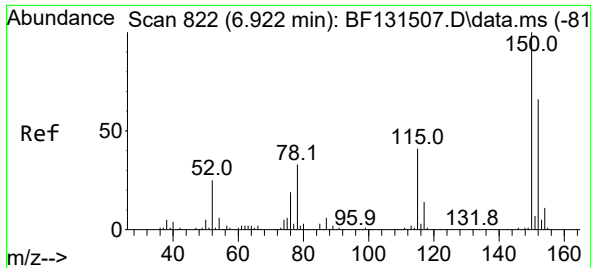
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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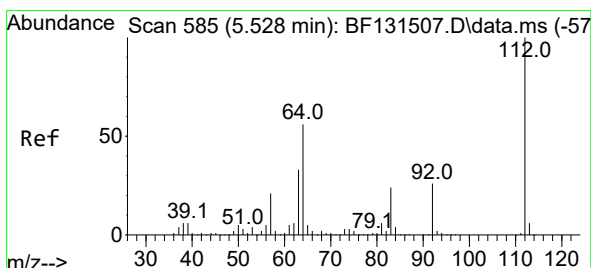
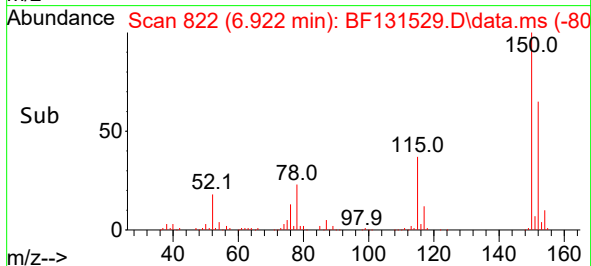
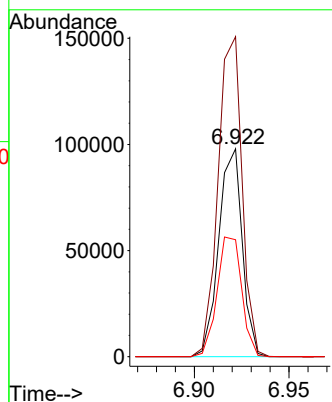
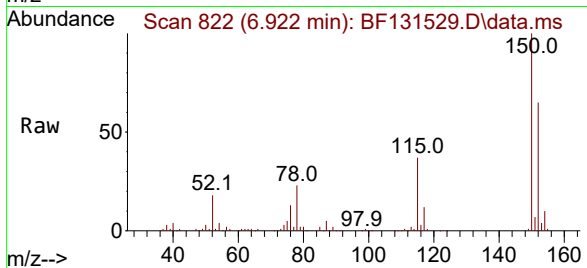




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52

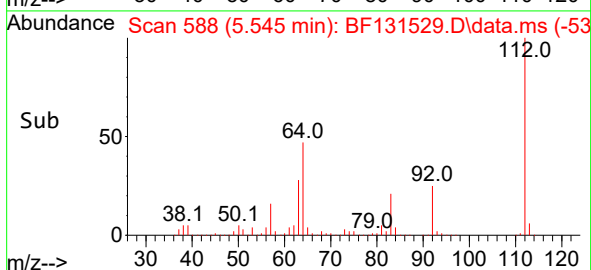
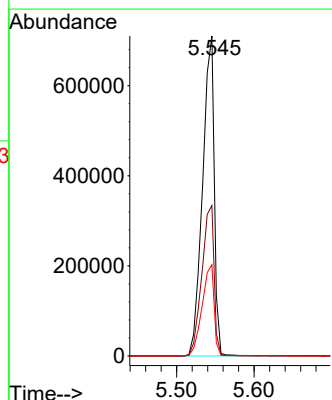
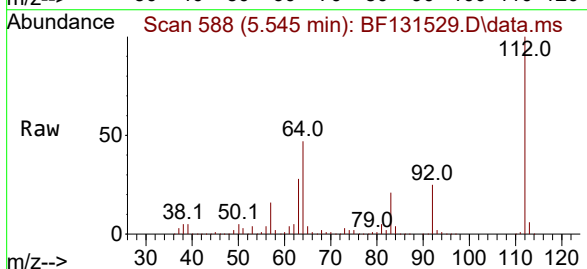
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BNA_F
ClientSampleId :
PB149379BL

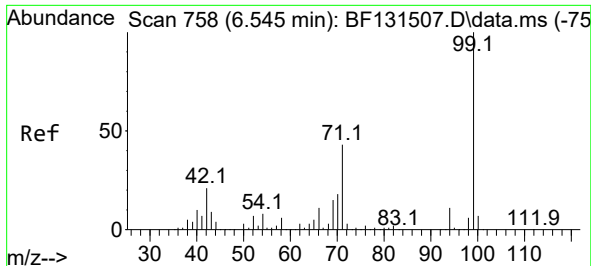
Tgt Ion:152 Resp: 84650
Ion Ratio Lower Upper
152 100
150 154.0 121.9 182.9
115 56.3 50.4 75.6



#5
2-Fluorophenol
Concen: 150.260 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.018 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52

Tgt Ion:112 Resp: 744839
Ion Ratio Lower Upper
112 100
64 47.0 44.5 66.7
63 28.5 26.7 40.1

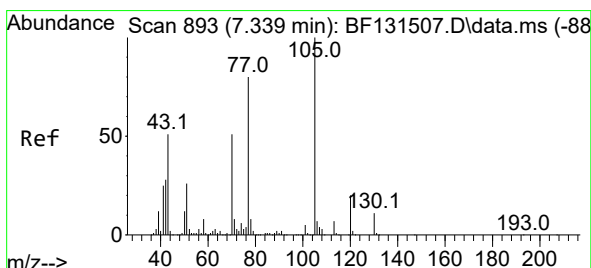
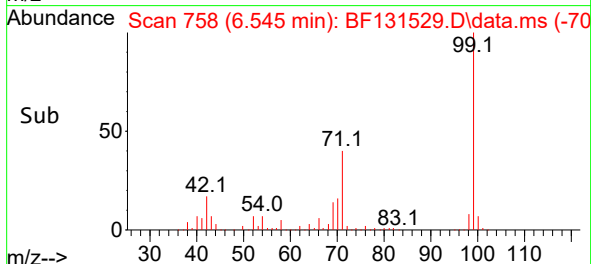
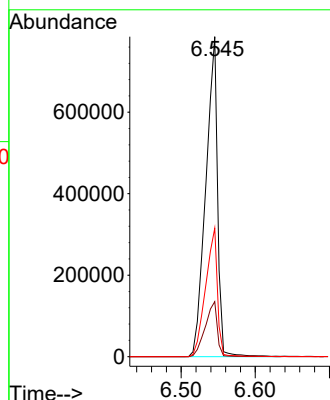
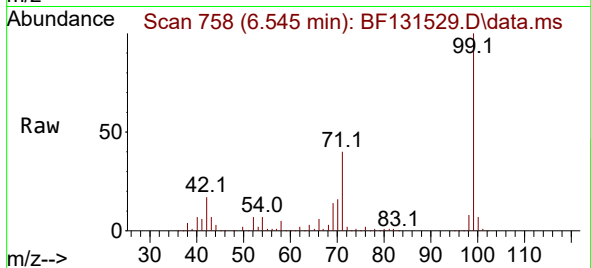




#7
Phenol-d6
Concen: 140.357 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52

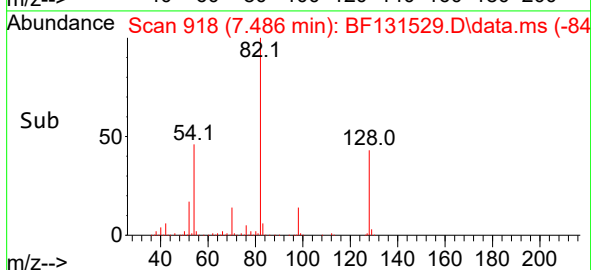
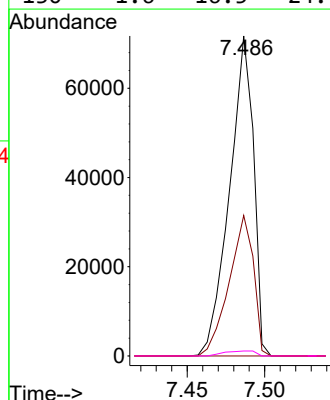
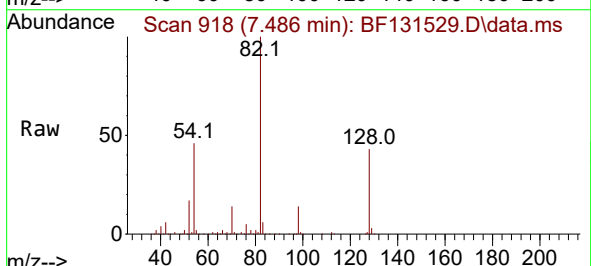
Instrument :
BNA_F
ClientSampleId :
PB149379BL

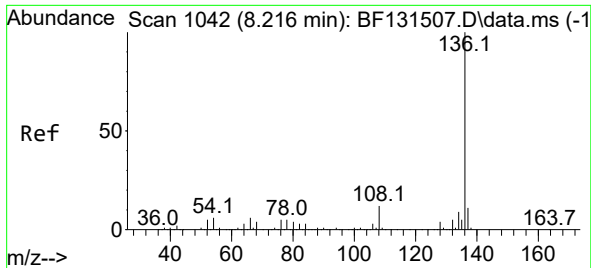
Tgt Ion: 99 Resp: 868820
Ion Ratio Lower Upper
99 100
42 17.2 16.6 25.0
71 40.1 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.427 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52

Tgt Ion: 70 Resp: 77196
Ion Ratio Lower Upper
70 100
42 43.9 44.1 66.1#
101 0.0 7.7 11.5#
130 1.6 16.5 24.7#

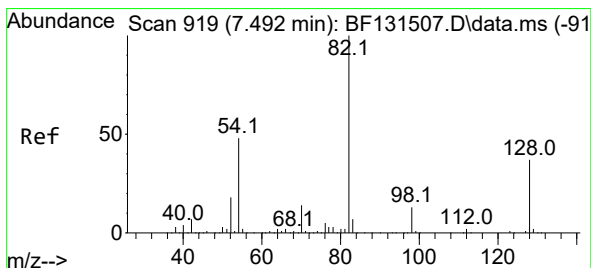
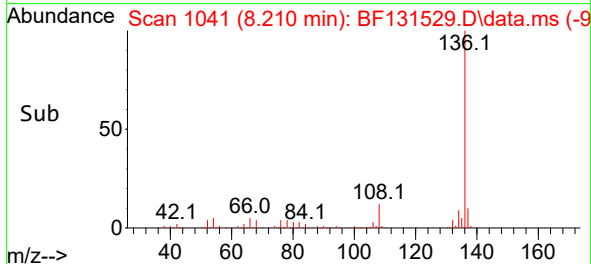
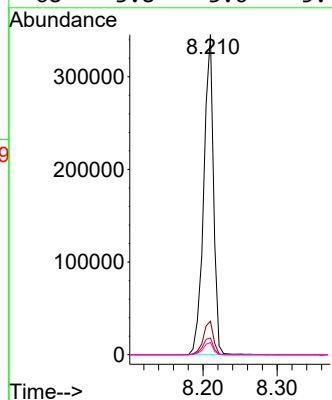
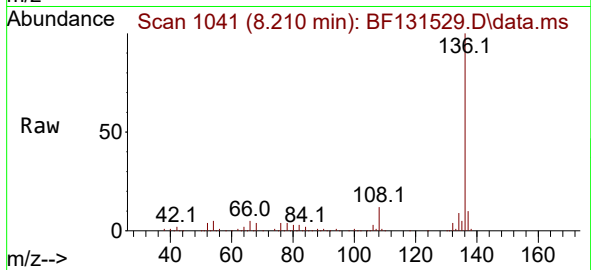




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52

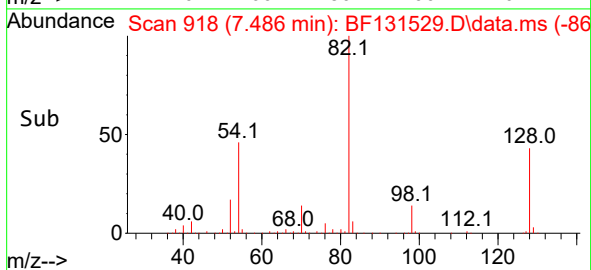
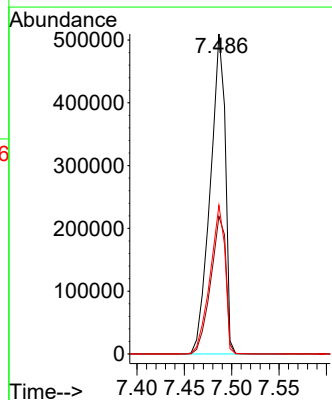
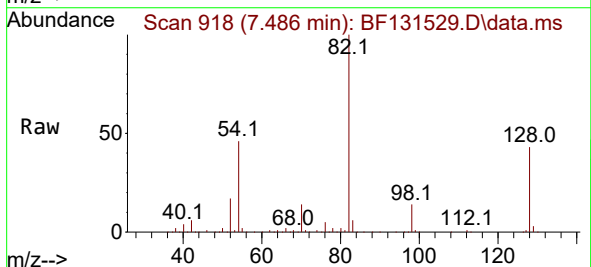
Instrument :
BNA_F
ClientSampleId :
PB149379BL

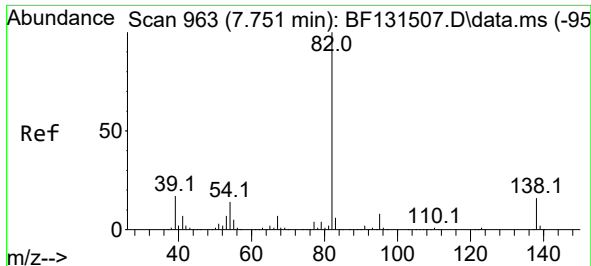
Tgt Ion:136 Resp: 317682
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 5.2 5.0 7.6
68 3.8 3.6 5.4



#23
Nitrobenzene-d5
Concen: 81.337 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52

Tgt Ion: 82 Resp: 562991
Ion Ratio Lower Upper
82 100
128 43.0 29.7 44.5
54 46.4 38.7 58.1

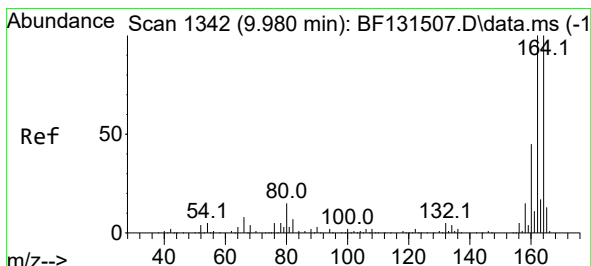
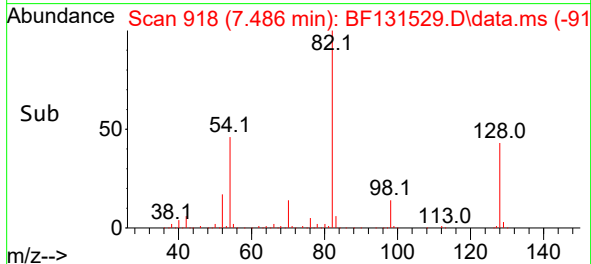
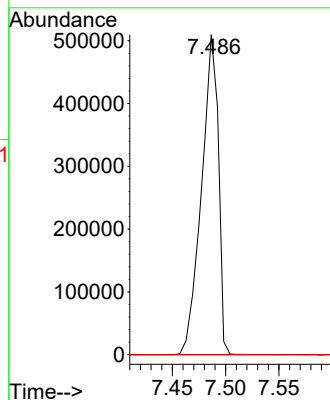
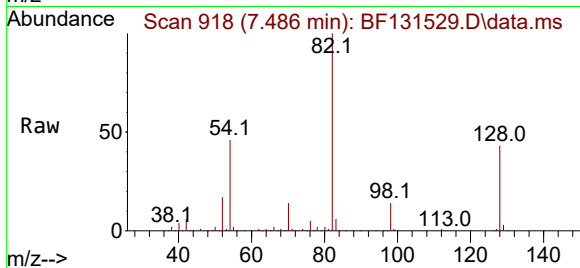




#25
Isophorone
Concen: 52.236 ng
RT: 7.486 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52

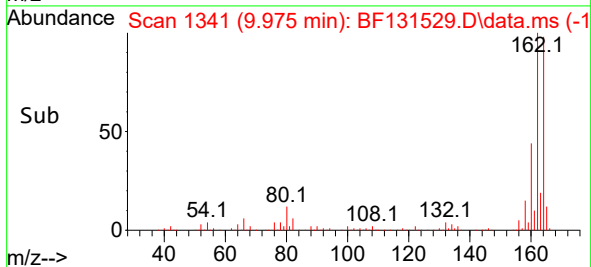
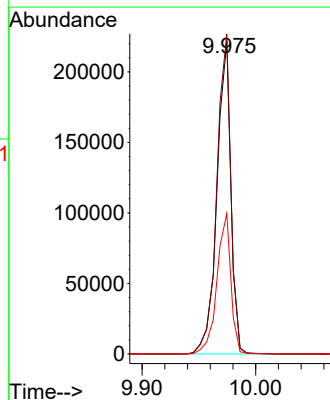
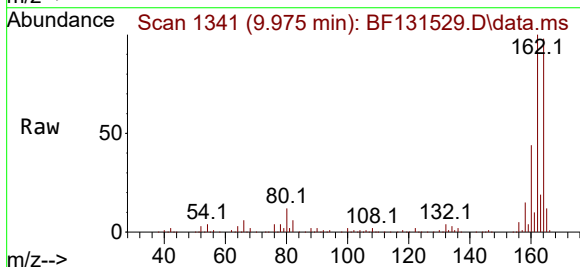
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ClientSampleId :
PB149379BL

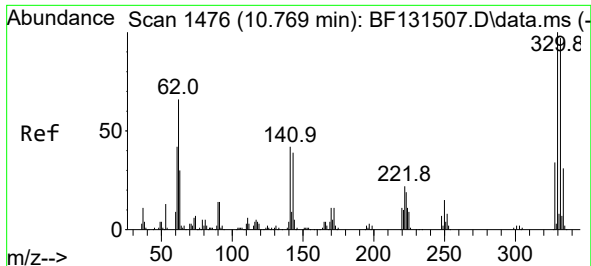
Tgt Ion: 82 Resp: 562420
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52

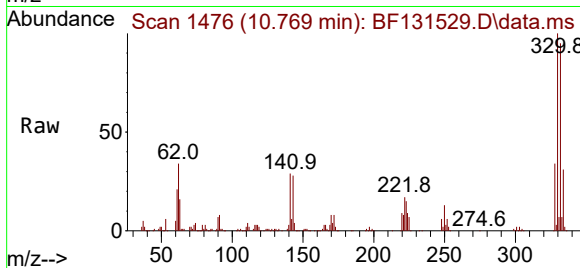
Tgt Ion: 164 Resp: 189345
Ion Ratio Lower Upper
164 100
162 102.4 80.1 120.1
160 44.9 36.4 54.6



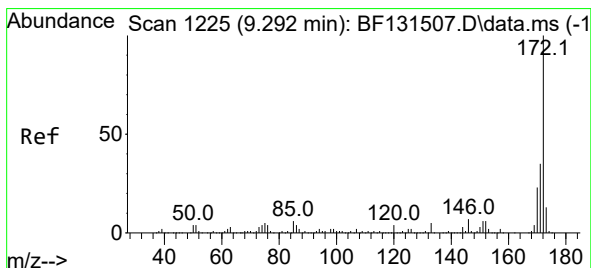
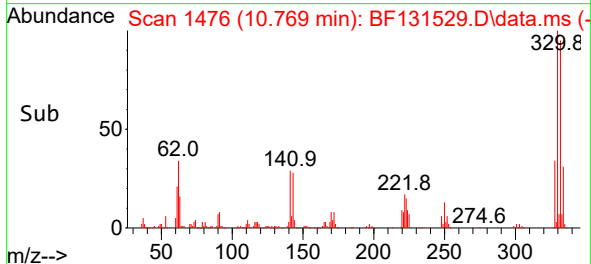
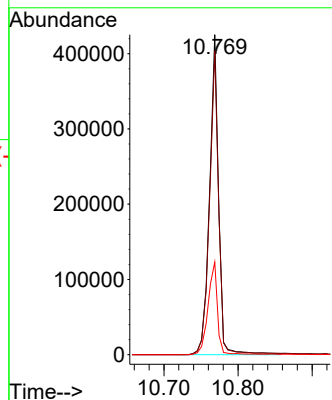


#42
2,4,6-Tribromophenol
Concen: 168.240 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB149379BL

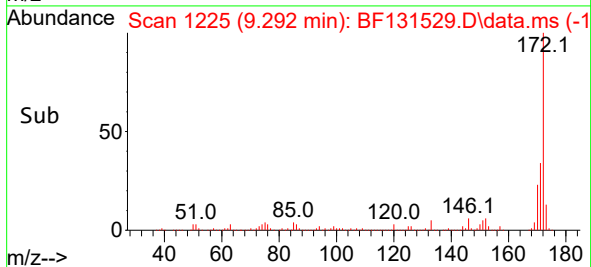
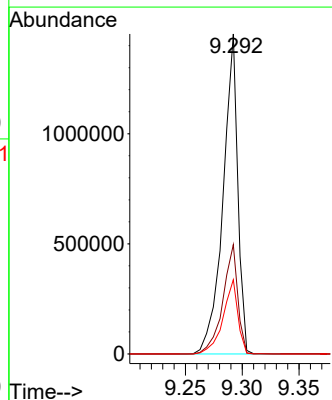
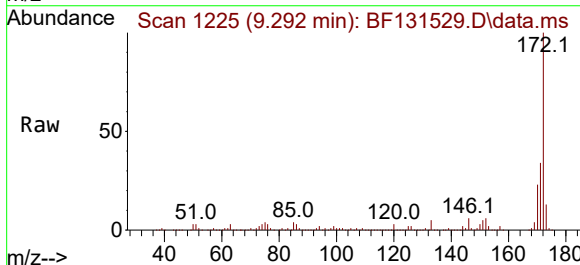


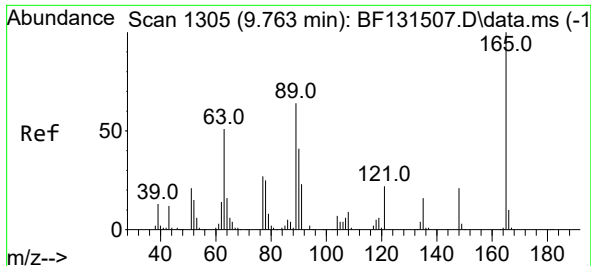
Tgt Ion:330 Resp: 362717
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.2
141 30.3 29.1 43.7



#45
2-Fluorobiphenyl
Concen: 91.375 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52

Tgt Ion:172 Resp: 1318849
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.8
170 23.2 18.7 28.1

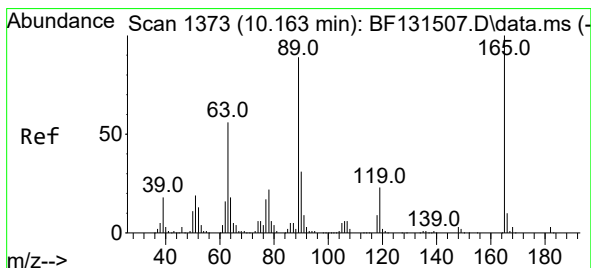
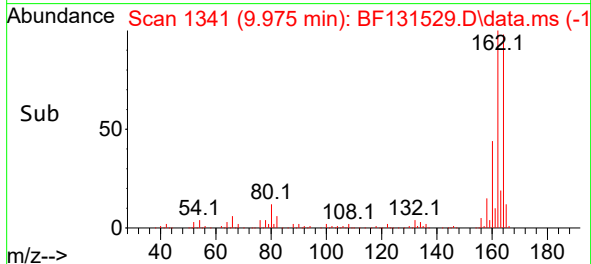
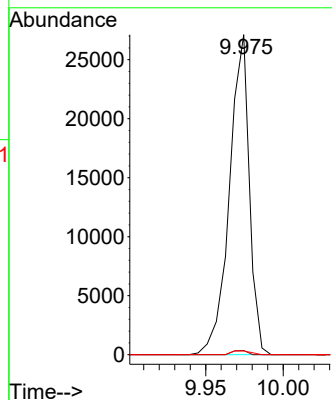
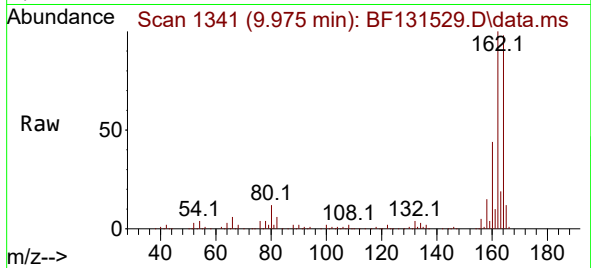




#51
2,6-Dinitrotoluene
Concen: 8.275 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.212 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52

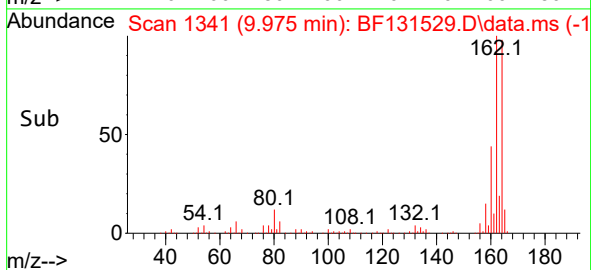
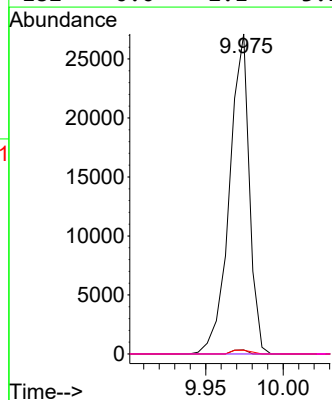
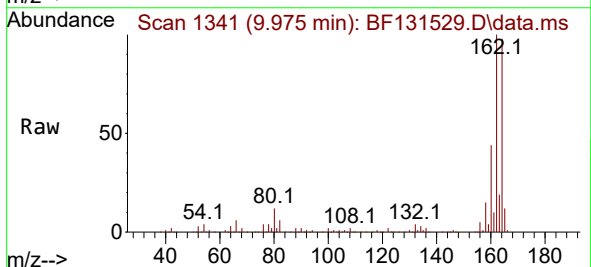
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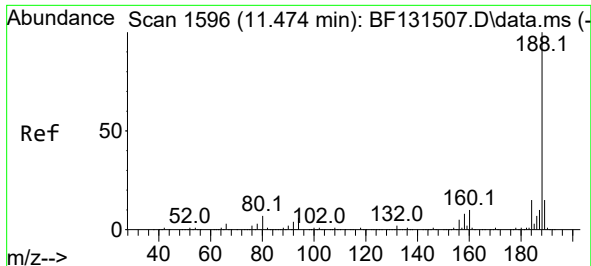
Tgt Ion:165 Resp: 24198
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.2 51.3 76.9#



#57
2,4-Dinitrotoluene
Concen: 6.307 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.188 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52

Tgt Ion:165 Resp: 24198
Ion Ratio Lower Upper
165 100
63 1.3 45.3 67.9#
89 1.2 71.0 106.4#
182 0.0 2.1 3.1#

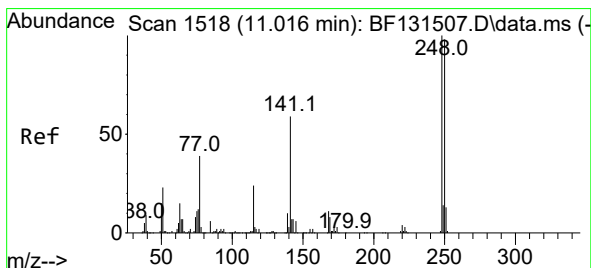
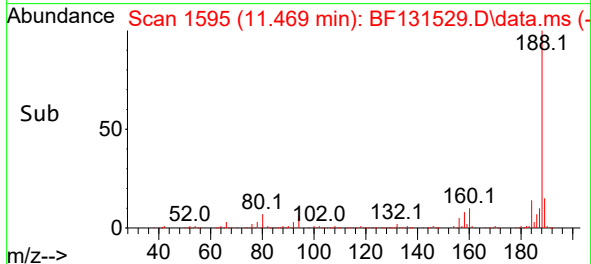
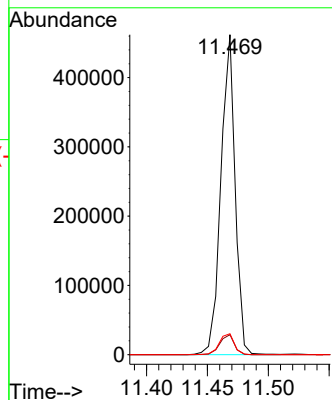
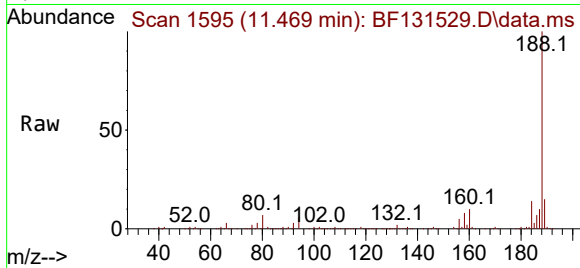




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52

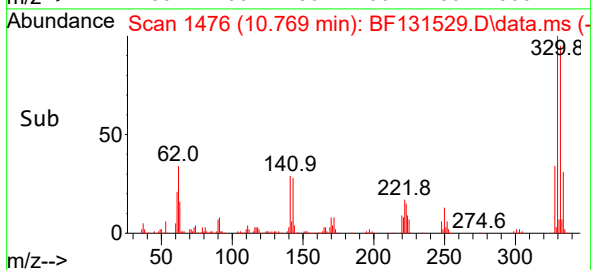
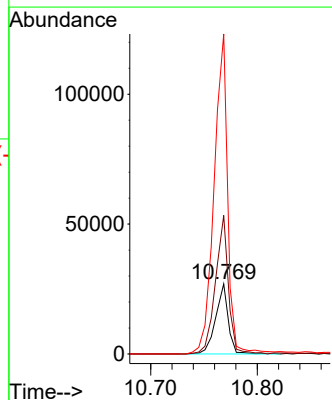
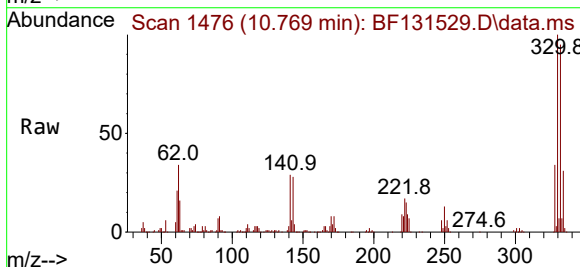
Instrument :
BNA_F
ClientSampleId :
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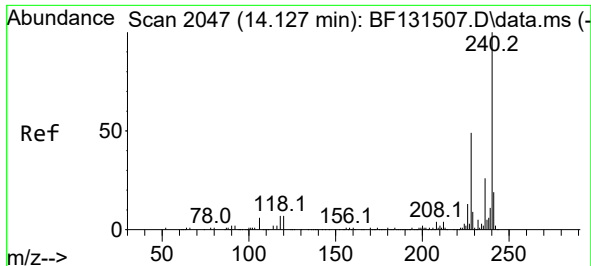
Tgt Ion:188 Resp: 377164
Ion Ratio Lower Upper
188 100
94 6.3 5.1 7.7
80 6.5 5.9 8.9



#67
4-Bromophenyl-phenylether
Concen: 4.690 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.247 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52

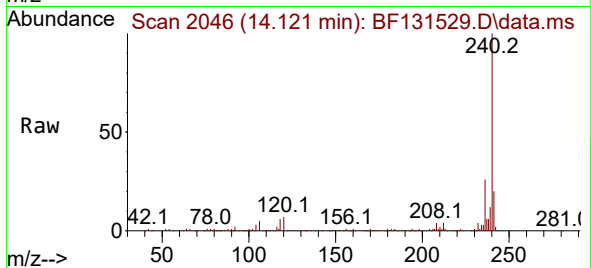
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Ion Ratio Lower Upper
248 100
250 197.5 78.6 117.8#
141 456.1 47.1 70.7#



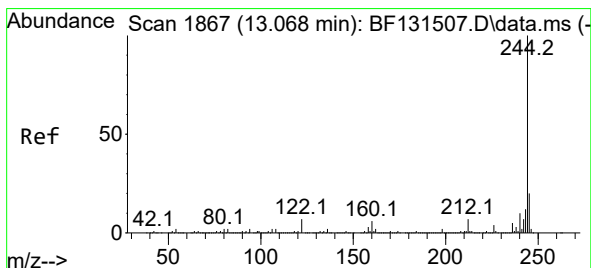
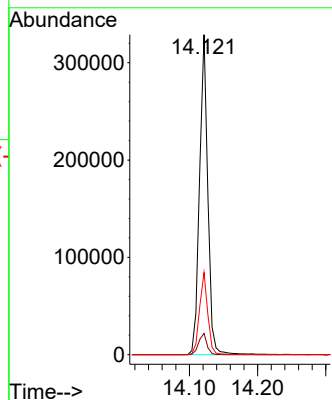
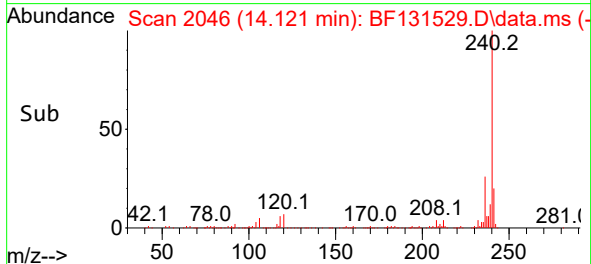


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52

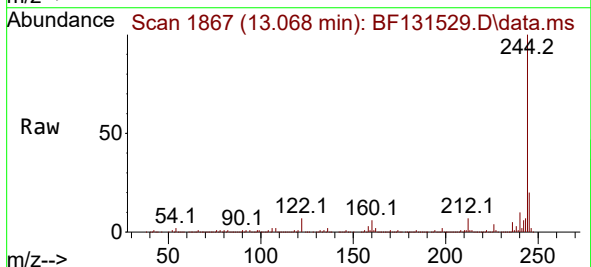
Instrument :
BNA_F
ClientSampleId :
PB149379BL



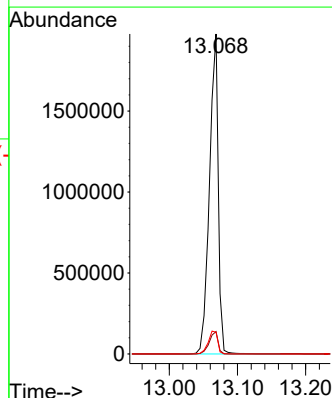
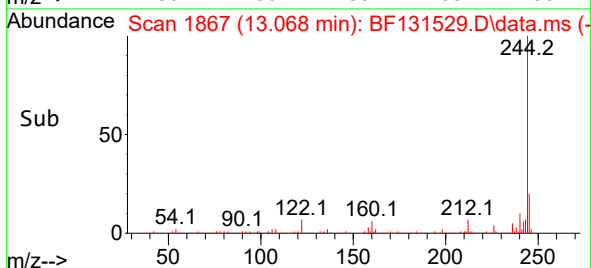
Tgt Ion:240 Resp: 277039
Ion Ratio Lower Upper
240 100
120 6.7 5.6 8.4
236 25.7 20.6 31.0

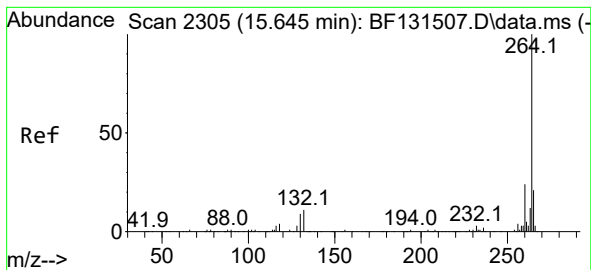


#79
Terphenyl-d14
Concen: 96.687 ng
RT: 13.068 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52



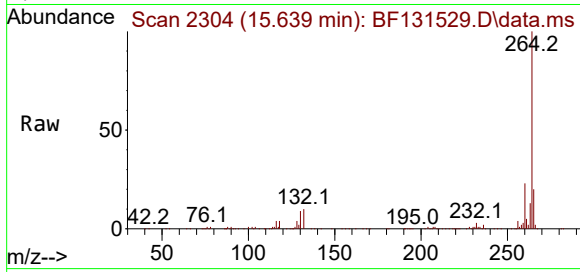
Tgt Ion:244 Resp: 1773722
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 6.8 5.4 8.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131529.D
Acq: 06 Dec 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB149379BL



Tgt Ion:264 Resp: 212990

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	20.0	17.0	25.4

