

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127976.D
 Acq On : 28 Apr 2022 12:50
 Operator : CG\JU
 Sample : PB144329TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144329TB

Quant Time: Apr 28 17:23:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

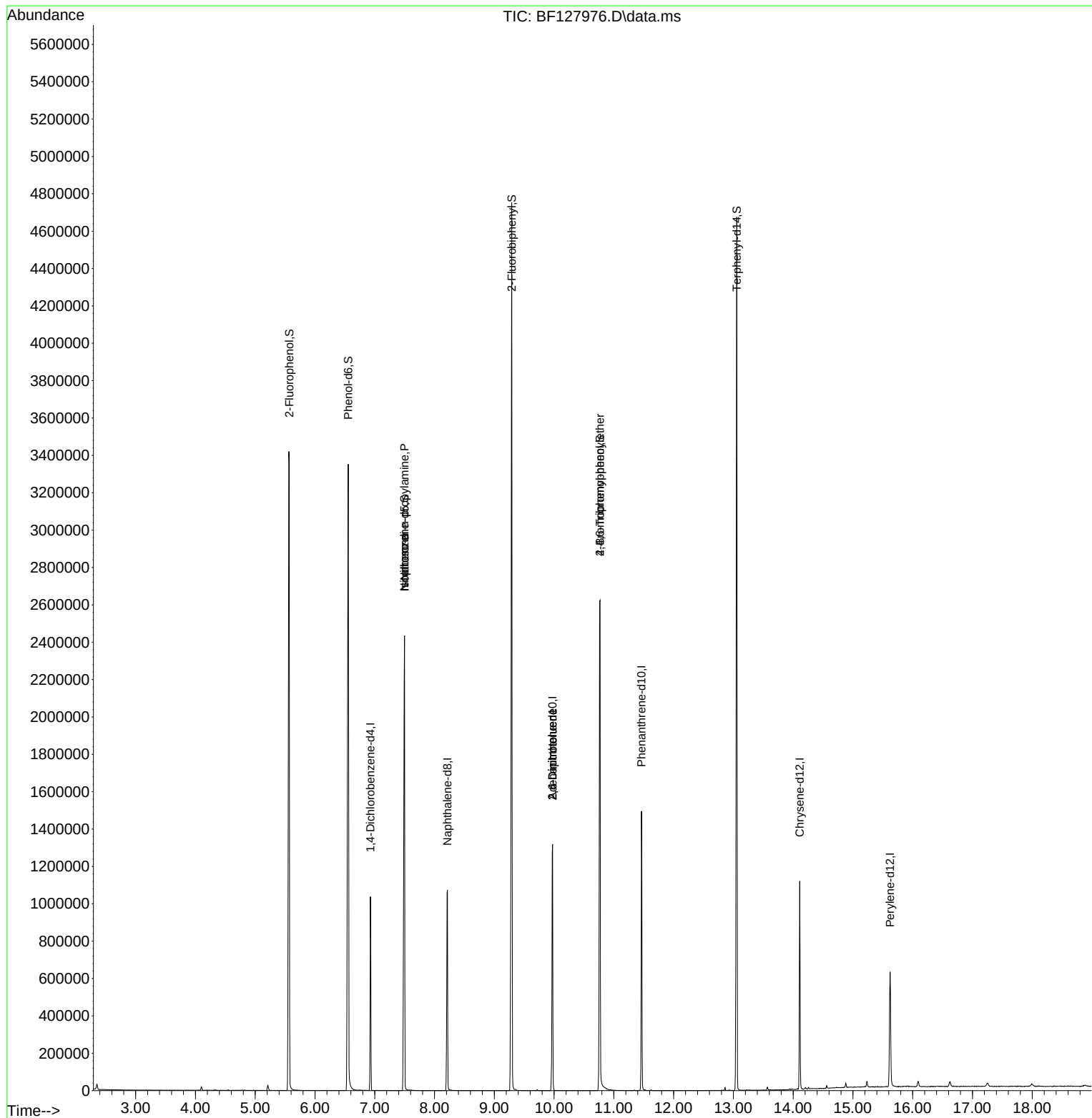
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	138294	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	552203	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	310951	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	559532	20.000	ng	0.00
76) Chrysene-d12	14.110	240	372354	20.000	ng	0.00
86) Perylene-d12	15.621	264	296325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1061380	122.243	ng	0.02
7) Phenol-d6	6.557	99	1379314	122.430	ng	0.00
23) Nitrobenzene-d5	7.498	82	1012710	86.240	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	366899	117.211	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1613482	87.782	ng	0.00
79) Terphenyl-d14	13.057	244	1725455	84.734	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.498	70	138623	20.100	ng	Qvalue # 80
25) Isophorone	7.498	82	997891	50.490	ng	# 68
51) 2,6-Dinitrotoluene	9.975	165	40129	8.888	ng	# 21
57) 2,4-Dinitrotoluene	9.975	165	40129	6.710	ng	# 26
67) 4-Bromophenyl-phenylether	10.769	248	23139	3.730	ng	# 1

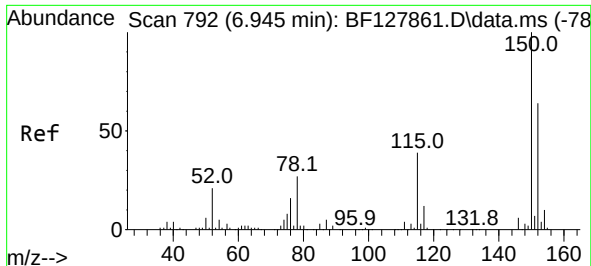
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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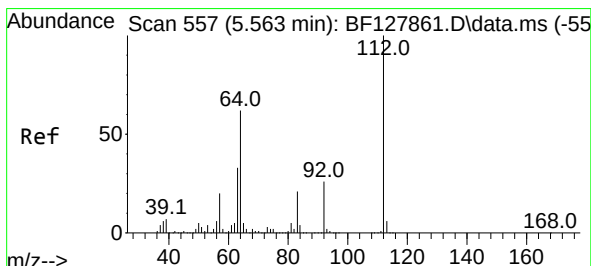
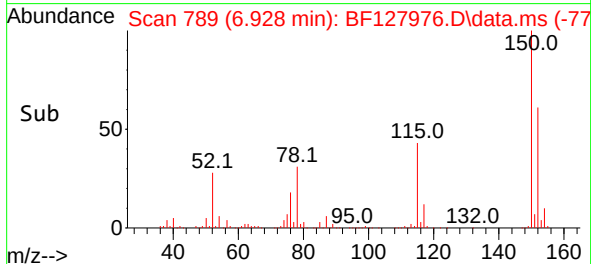
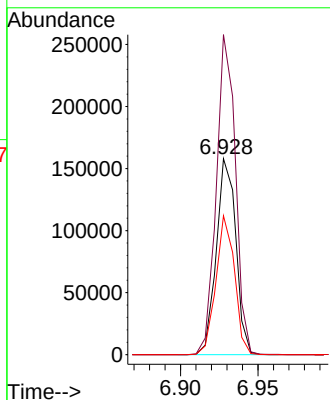
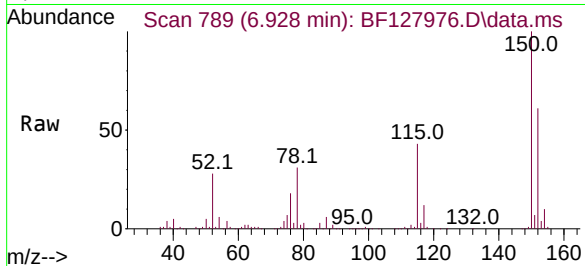




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127976.D
 Acq: 28 Apr 2022 12:50

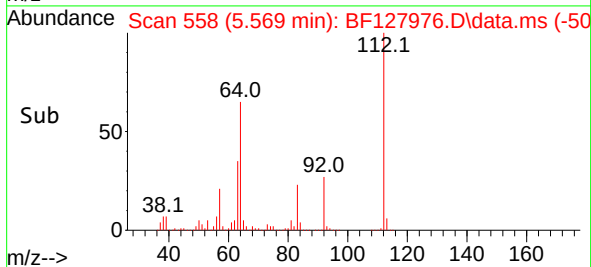
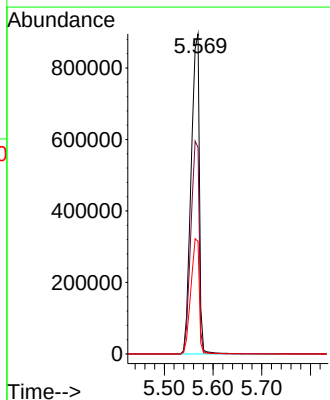
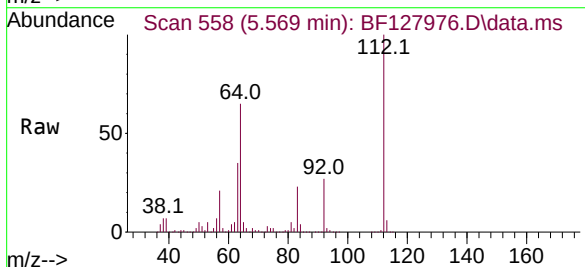
Instrument :
 BNA_F
 ClientSampleId :
 PB144329TB

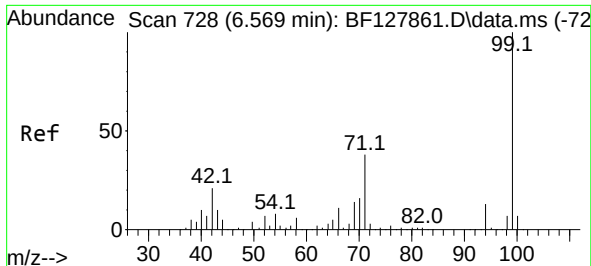
Tgt Ion:152 Resp: 138294
 Ion Ratio Lower Upper
 152 100
 150 163.3 125.3 187.9
 115 70.9 48.8 73.2



#5
 2-Fluorophenol
 Concen: 122.243 ng
 RT: 5.569 min Scan# 558
 Delta R.T. 0.018 min
 Lab File: BF127976.D
 Acq: 28 Apr 2022 12:50

Tgt Ion:112 Resp: 1061380
 Ion Ratio Lower Upper
 112 100
 64 64.5 49.5 74.3
 63 35.2 26.3 39.5

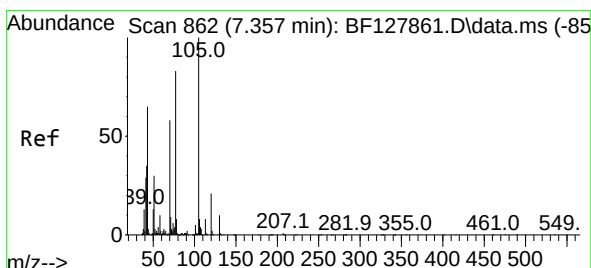
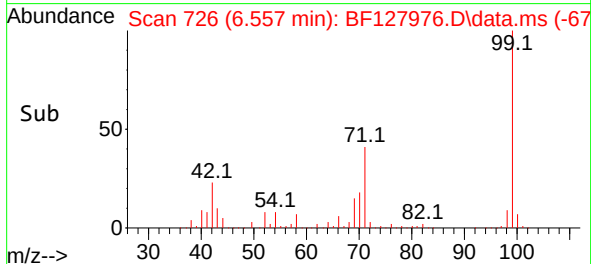
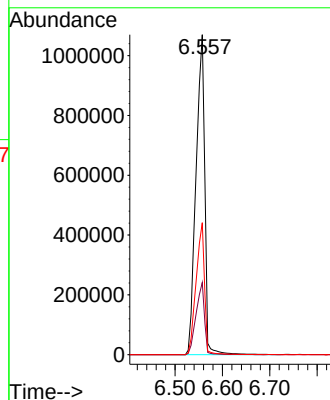
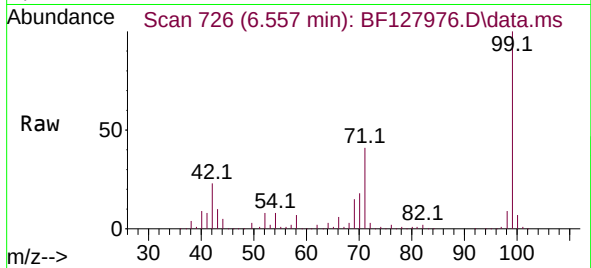




#7
Phenol-d6
Concen: 122.430 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127976.D
Acq: 28 Apr 2022 12:50

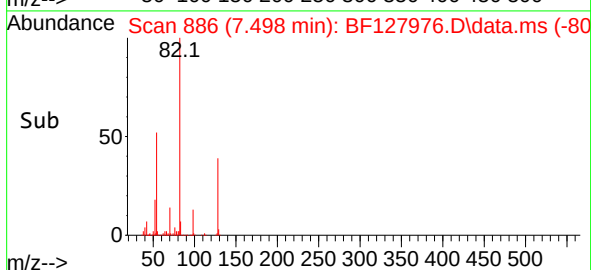
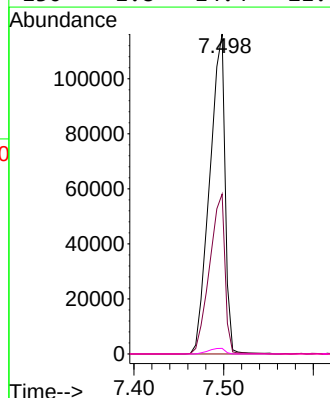
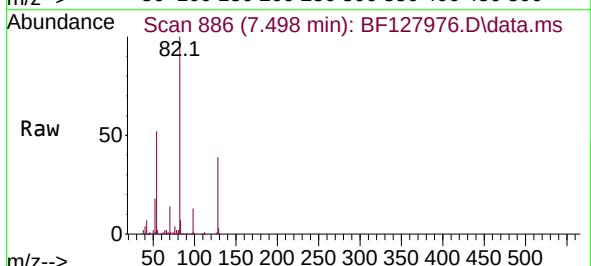
Instrument :
BNA_F
ClientSampleId :
PB144329TB

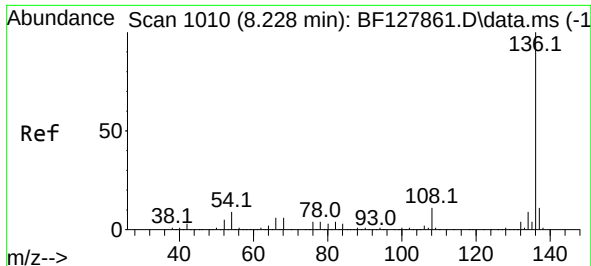
Tgt Ion: 99 Resp: 1379314
Ion Ratio Lower Upper
99 100
42 22.6 16.6 24.8
71 41.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.100 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.153 min
Lab File: BF127976.D
Acq: 28 Apr 2022 12:50

Tgt Ion: 70 Resp: 138623
Ion Ratio Lower Upper
70 100
42 50.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

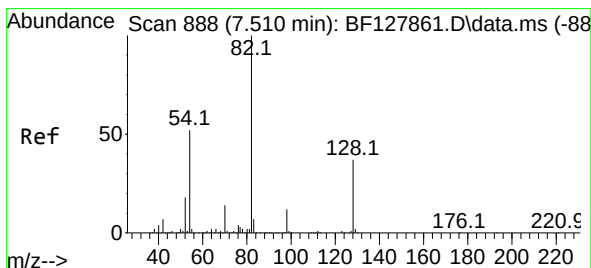
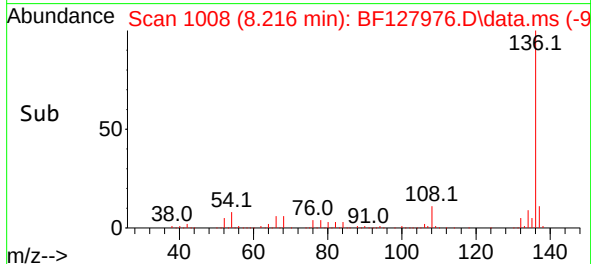
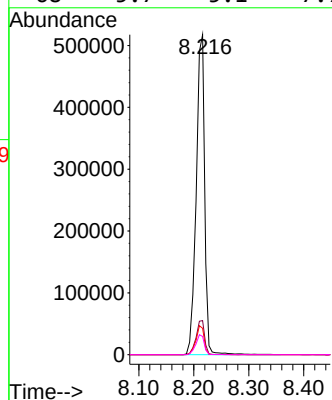
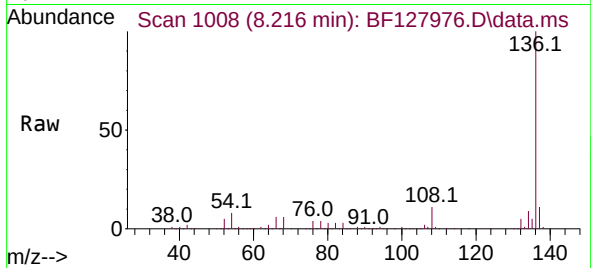




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF127976.D
Acq: 28 Apr 2022 12:50

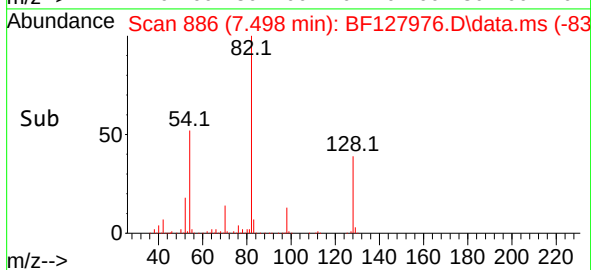
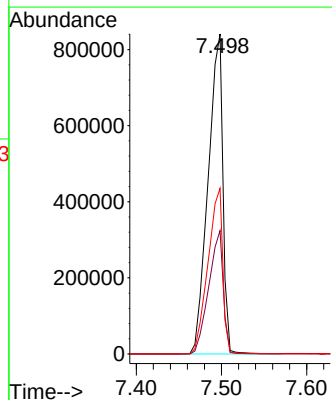
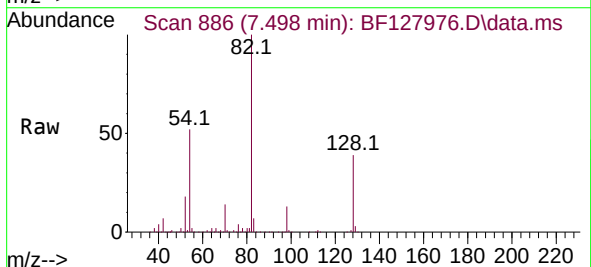
Instrument :
BNA_F
ClientSampleId :
PB144329TB

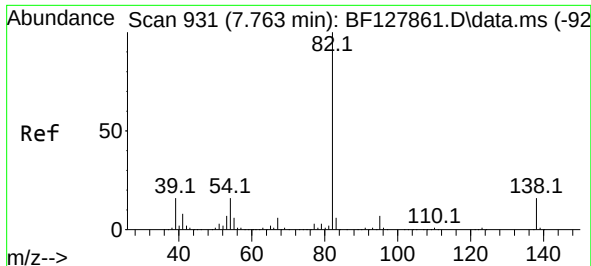
Tgt Ion:136	Resp: 552203
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 8.3	6.8 10.2
68 5.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 86.240 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF127976.D
Acq: 28 Apr 2022 12:50

Tgt Ion: 82		Resp: 1012710	
Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.0	45.0
54	51.7	41.3	61.9

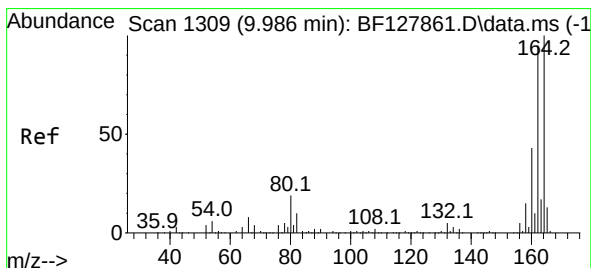
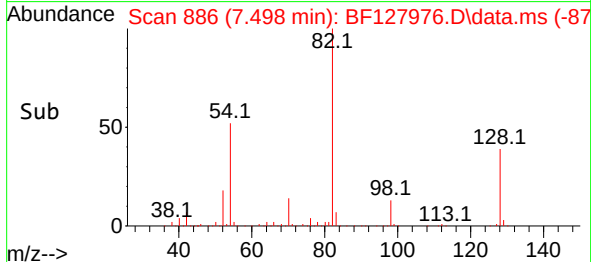
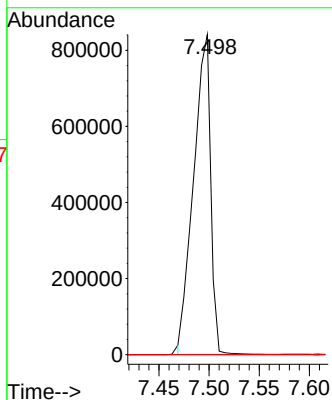
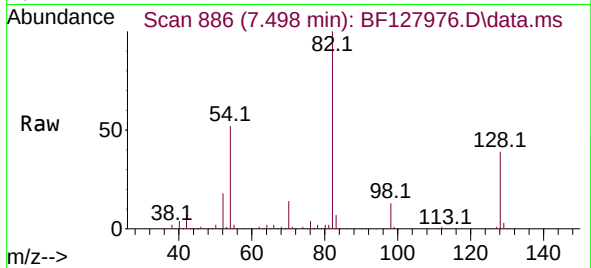




#25
Isophorone
Concen: 50.490 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127976.D
Acq: 28 Apr 2022 12:50

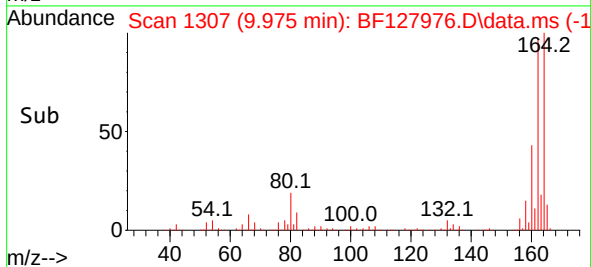
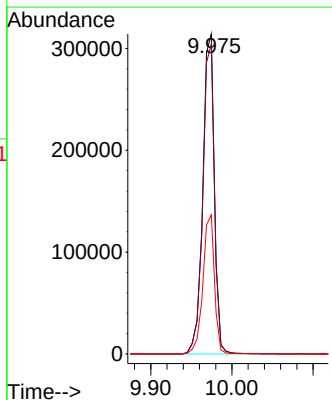
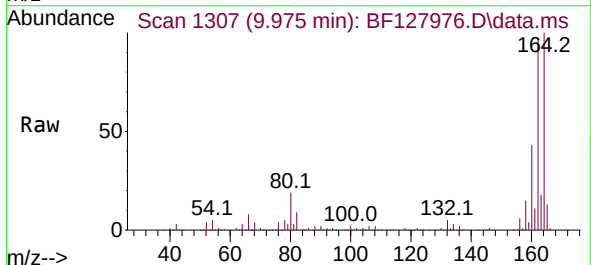
Instrument :
BNA_F
ClientSampleId :
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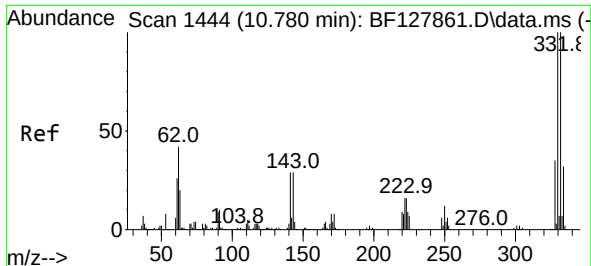
Tgt Ion: 82 Resp: 997891
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF127976.D
Acq: 28 Apr 2022 12:50

Tgt Ion: 164 Resp: 310951
Ion Ratio Lower Upper
164 100
162 96.8 76.0 114.0
160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 117.211 ng

RT: 10.769 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF127976.D

Acq: 28 Apr 2022 12:50

Instrument :

BNA_F

ClientSampleId :

PB144329TB

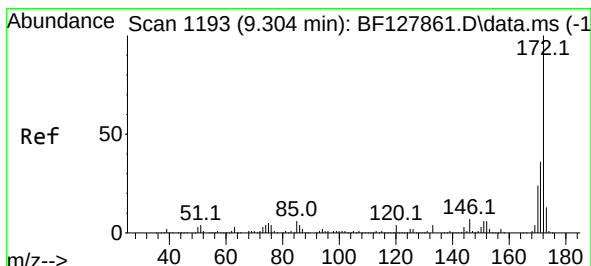
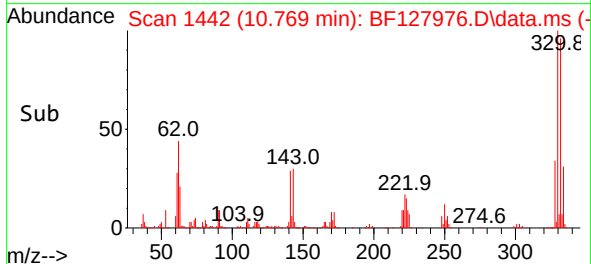
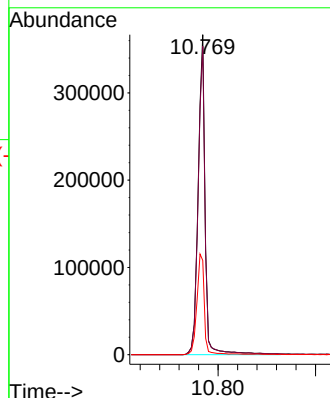
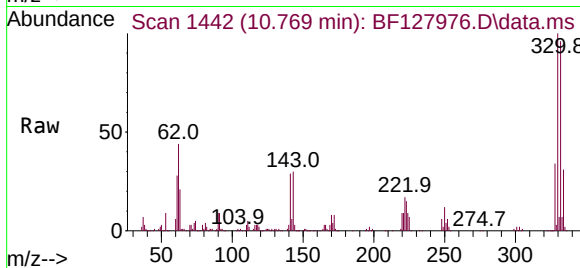
Tgt Ion:330 Resp: 366899

Ion Ratio Lower Upper

330 100

332 96.4 79.0 118.4

141 33.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 87.782 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF127976.D

Acq: 28 Apr 2022 12:50

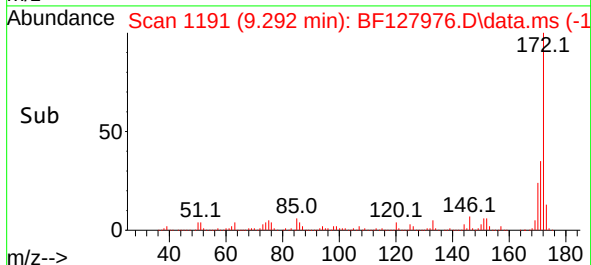
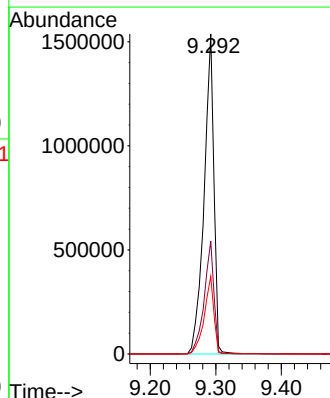
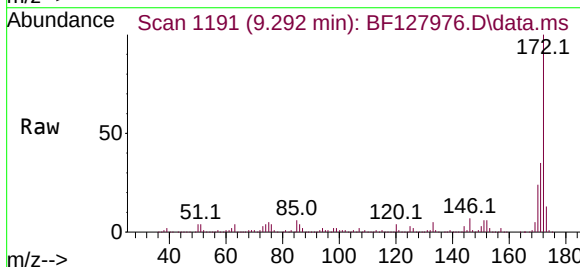
Tgt Ion:172 Resp: 1613482

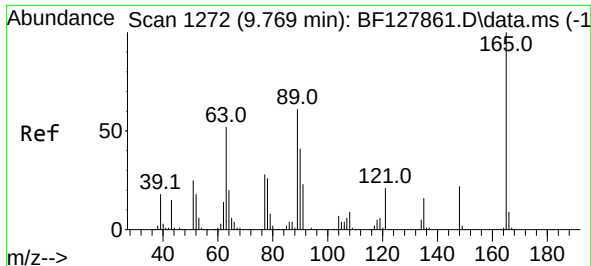
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 24.3 19.1 28.7

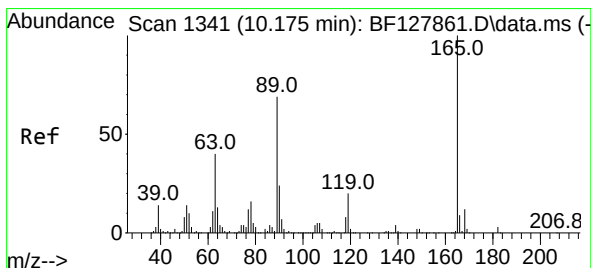
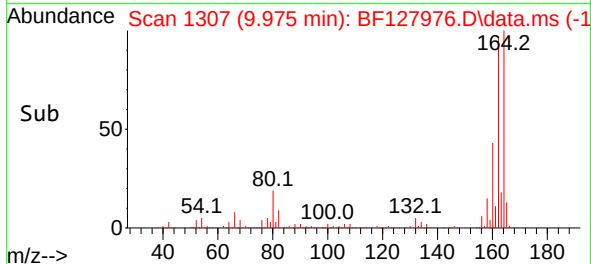
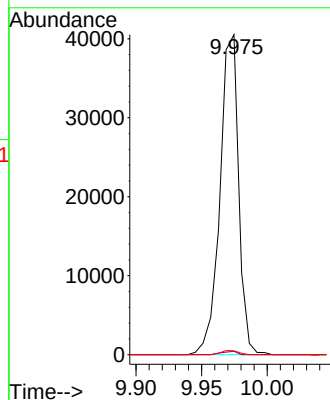
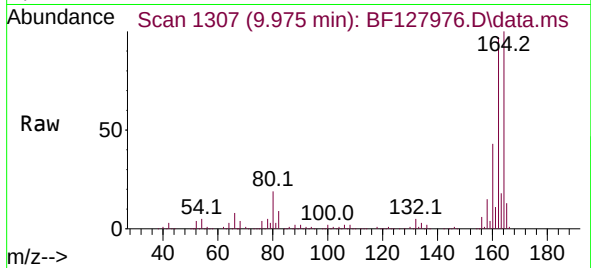




#51
2,6-Dinitrotoluene
Concen: 8.888 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127976.D
Acq: 28 Apr 2022 12:50

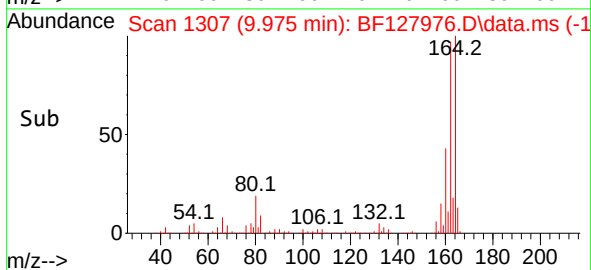
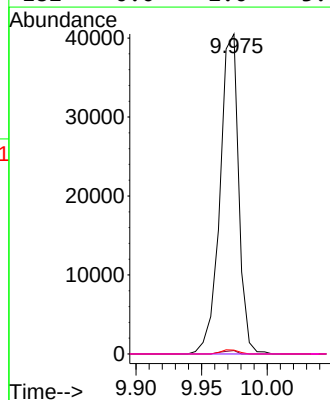
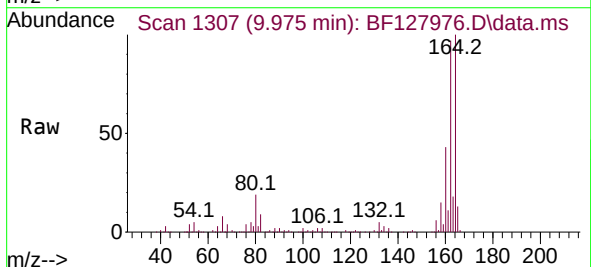
Instrument :
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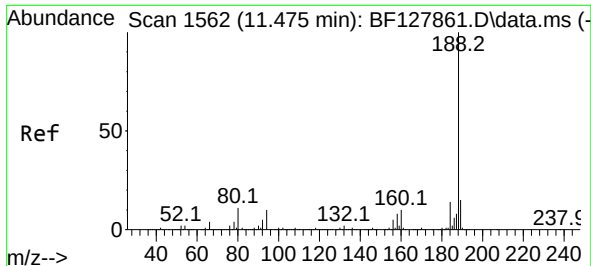
Tgt Ion:165 Resp: 40129
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.710 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.188 min
Lab File: BF127976.D
Acq: 28 Apr 2022 12:50

Tgt Ion:165 Resp: 40129
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#

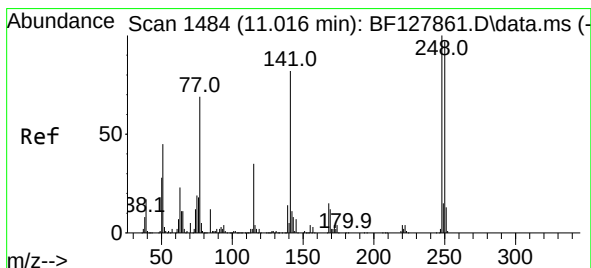
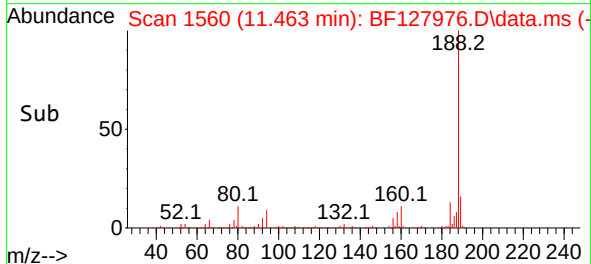
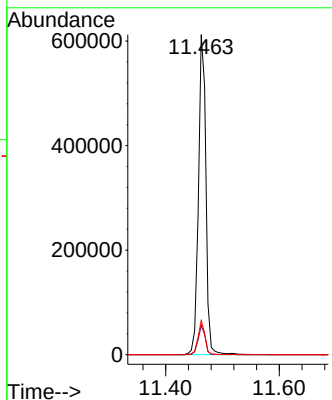
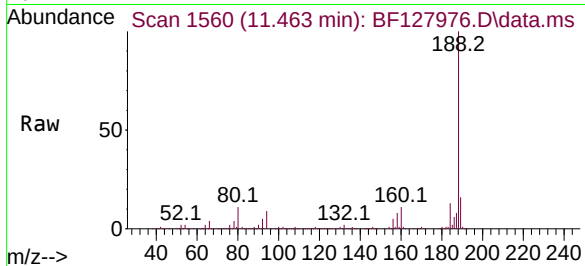




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127976.D
Acq: 28 Apr 2022 12:50

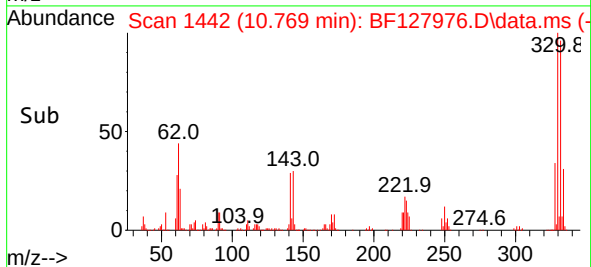
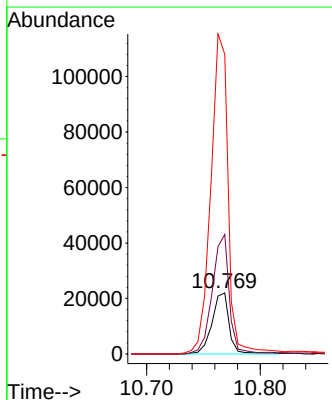
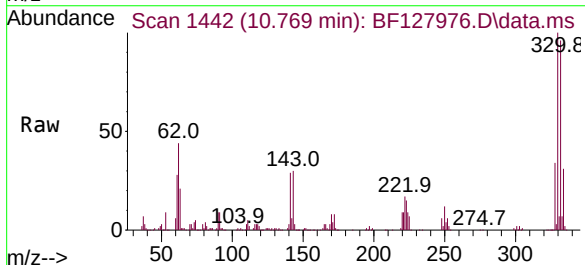
Instrument :
BNA_F
ClientSampleId :
PB144329TB

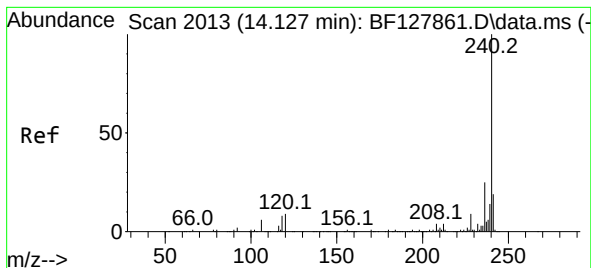
Tgt Ion:188 Resp: 559532
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.730 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF127976.D
Acq: 28 Apr 2022 12:50

Tgt Ion:248 Resp: 23139
Ion Ratio Lower Upper
248 100
250 196.1 77.7 116.5#
141 491.8 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF127976.D

Acq: 28 Apr 2022 12:50

Instrument :

BNA_F

ClientSampleId :

PB144329TB

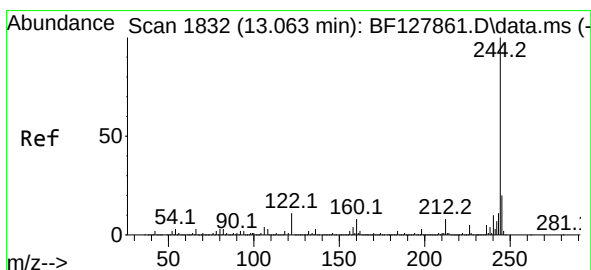
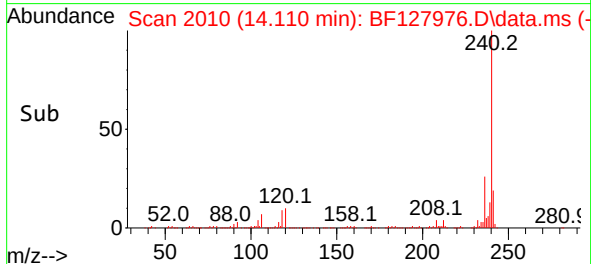
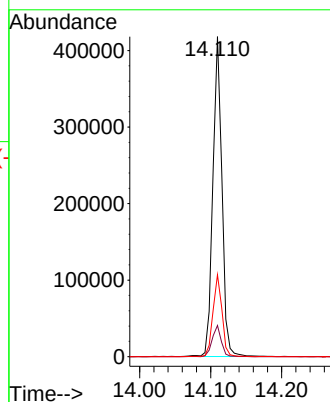
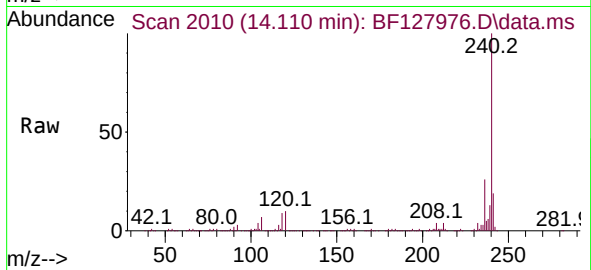
Tgt Ion:240 Resp: 372354

Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.6

236 25.6 20.3 30.5



#79

Terphenyl-d14

Concen: 84.734 ng

RT: 13.057 min Scan# 1831

Delta R.T. 0.000 min

Lab File: BF127976.D

Acq: 28 Apr 2022 12:50

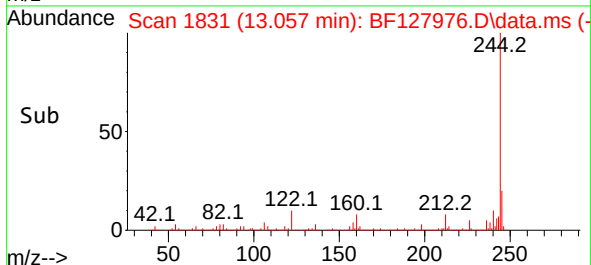
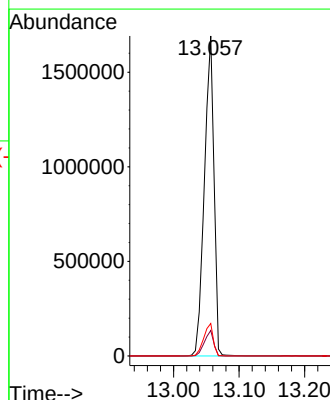
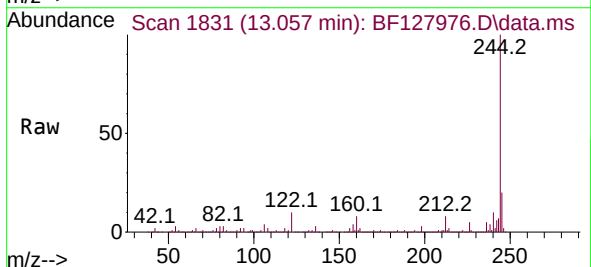
Tgt Ion:244 Resp: 1725455

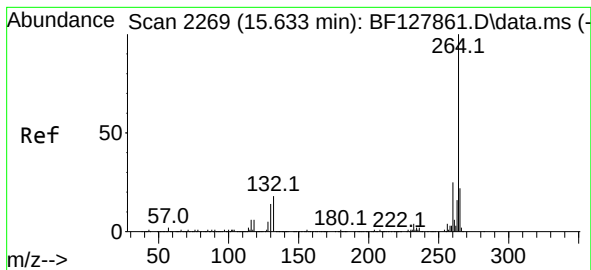
Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

122 10.2 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127976.D

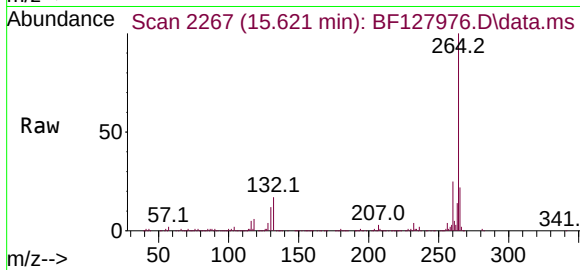
Acq: 28 Apr 2022 12:50

Instrument :

BNA_F

ClientSampleId :

PB144329TB



Tgt Ion:264 Resp: 296325

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 22.5 17.5 26.3

