

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127901.D
 Acq On : 26 Apr 2022 01:05
 Operator : CG\JU
 Sample : N2523-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-042122

Quant Time: Apr 26 05:41:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

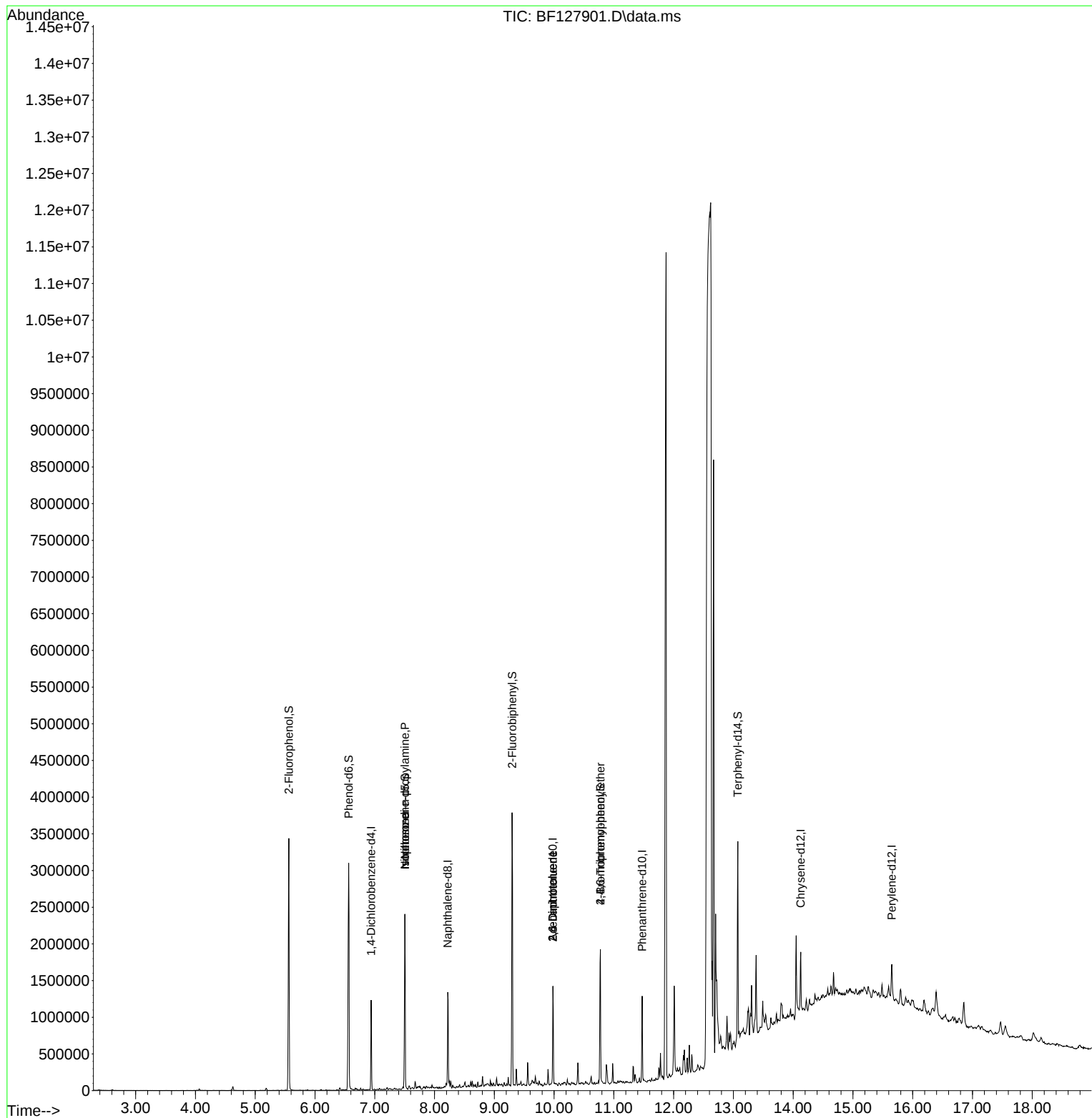
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	158475	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	556870	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	264288	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	413535	20.000	ng	0.00
76) Chrysene-d12	14.127	240	294084	20.000	ng	0.00
86) Perylene-d12	15.651	264	206986	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	897898	90.245	ng	0.00
7) Phenol-d6	6.563	99	1157628	89.667	ng	0.00
23) Nitrobenzene-d5	7.504	82	783164	66.133	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	216877	81.517	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1119255	71.645	ng	0.00
79) Terphenyl-d14	13.074	244	921522	57.299	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	106017	13.415	ng	# 79
25) Isophorone	7.504	82	783164	39.293	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	35208	9.175	ng	# 22
57) 2,4-Dinitrotoluene	9.980	165	35208	6.926	ng	# 26
67) 4-Bromophenyl-phenylether	10.774	248	13792	3.009	ng	# 1

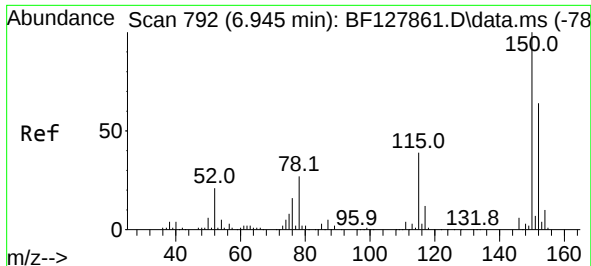
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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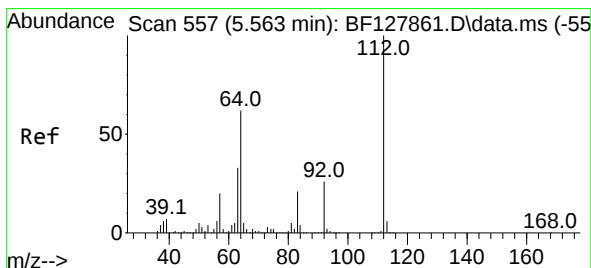
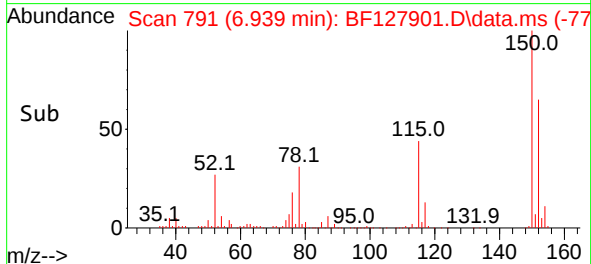
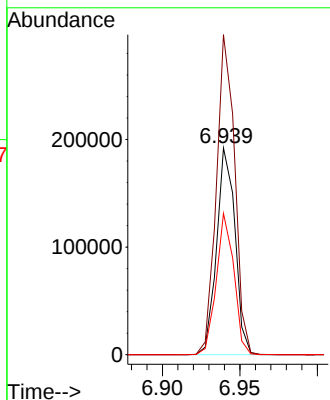
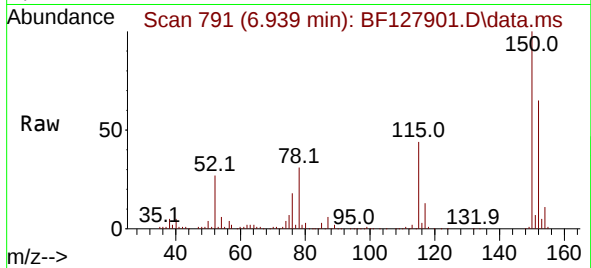




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.939 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: BF127901.D
 Acq: 26 Apr 2022 01:05

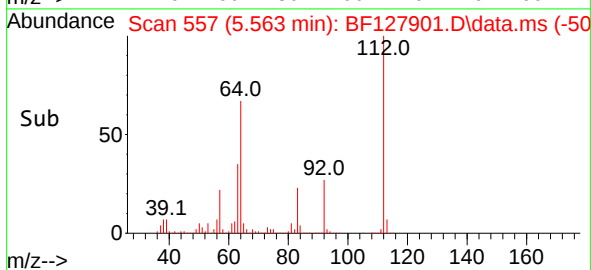
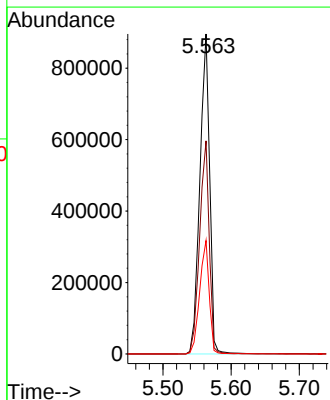
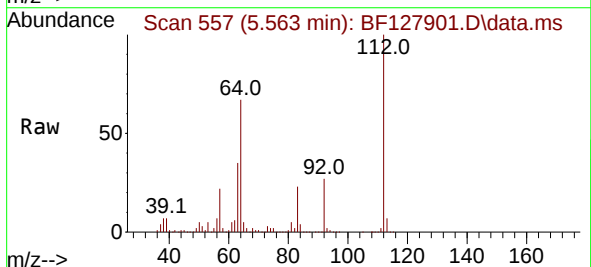
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-042122

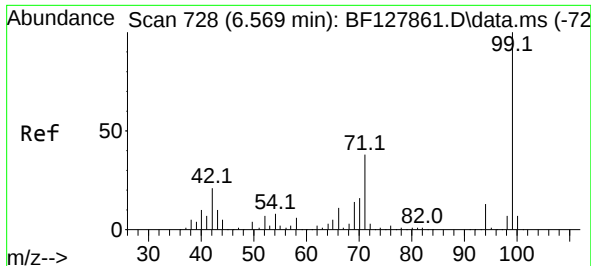
Tgt Ion:152 Resp: 158475
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.3 187.9
 115 68.3 48.8 73.2



#5
 2-Fluorophenol
 Concen: 90.245 ng
 RT: 5.563 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: BF127901.D
 Acq: 26 Apr 2022 01:05

Tgt Ion:112 Resp: 897898
 Ion Ratio Lower Upper
 112 100
 64 66.6 49.5 74.3
 63 35.4 26.3 39.5

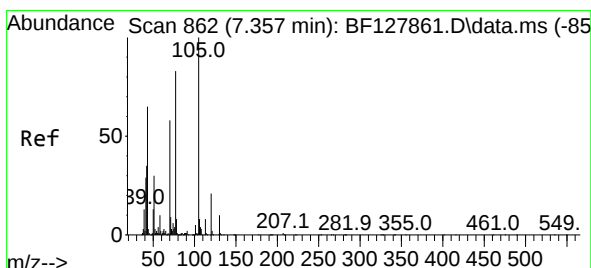
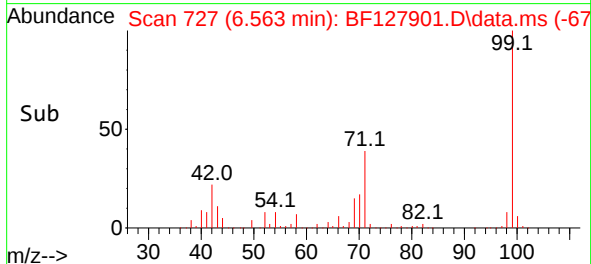
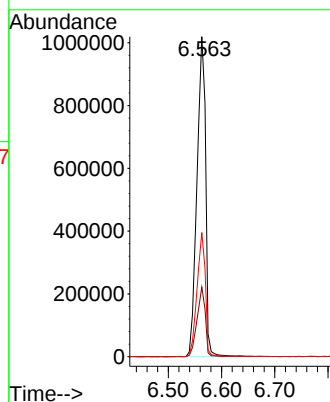
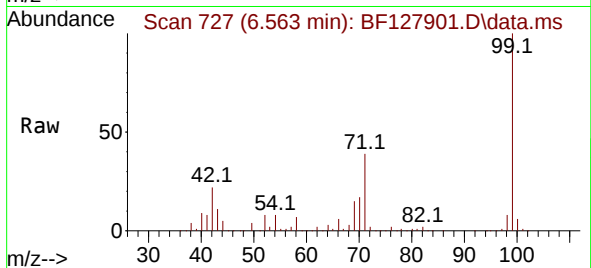




#7
Phenol-d6
Concen: 89.667 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127901.D
Acq: 26 Apr 2022 01:05

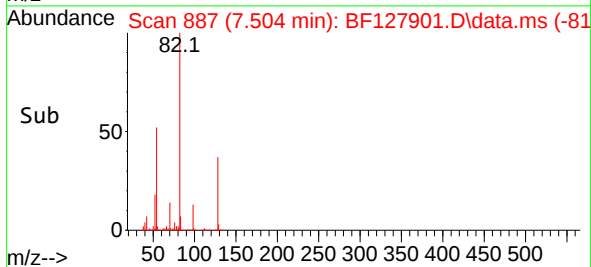
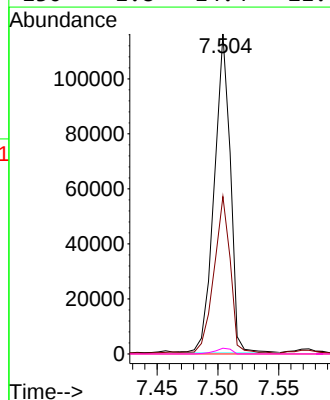
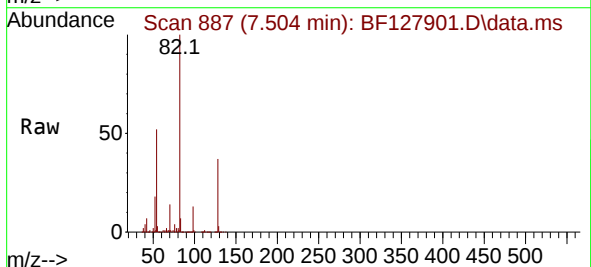
Instrument :
BNA_F
ClientSampleId :
SU-01-042122

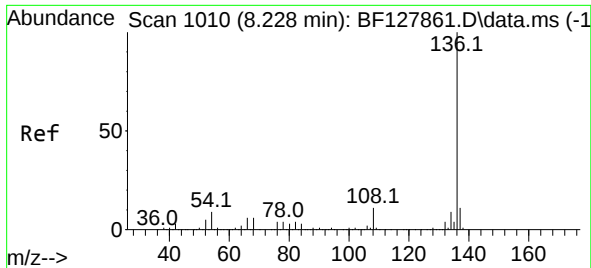
Tgt Ion: 99 Resp: 1157628
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 38.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.415 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127901.D
Acq: 26 Apr 2022 01:05

Tgt Ion: 70 Resp: 106017
Ion Ratio Lower Upper
70 100
42 49.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#



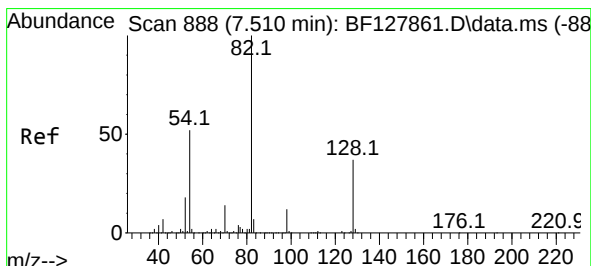
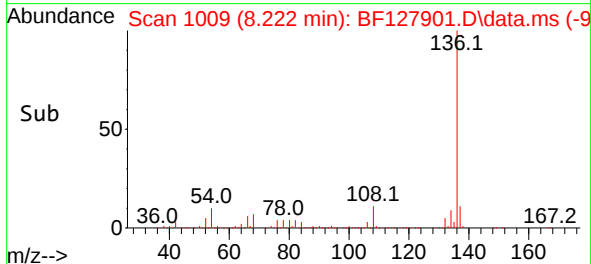
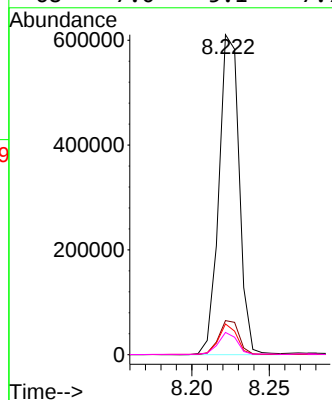
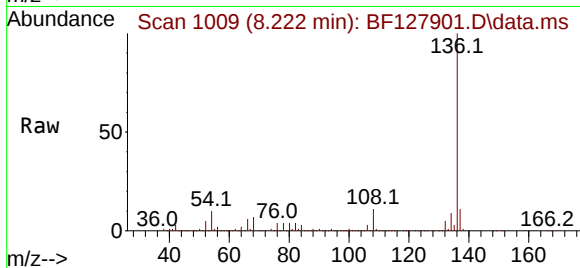


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127901.D
Acq: 26 Apr 2022 01:05

Instrument :
BNA_F
ClientSampleId :
SU-01-042122

Tgt Ion: 136 Resp: 556870

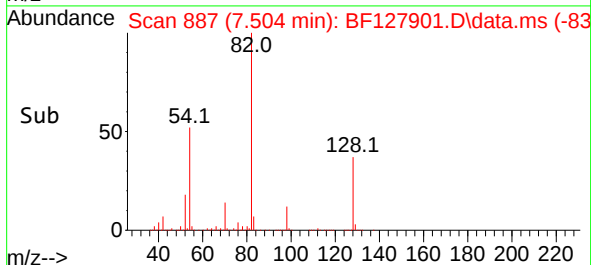
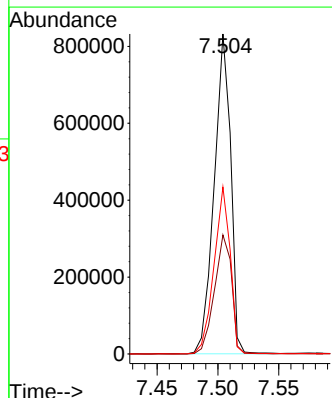
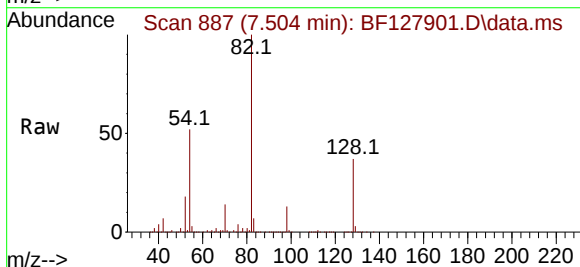
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.6	6.8	10.2
68	7.0	5.1	7.7

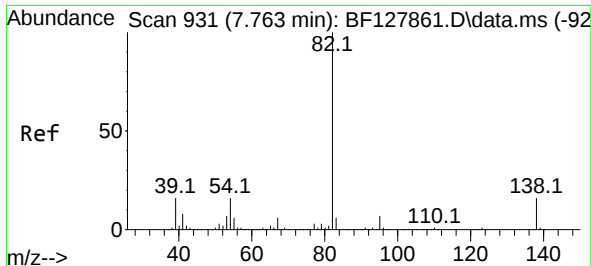


#23
Nitrobenzene-d5
Concen: 66.133 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127901.D
Acq: 26 Apr 2022 01:05

Tgt Ion: 82 Resp: 783164

Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.0	45.0
54	52.2	41.3	61.9

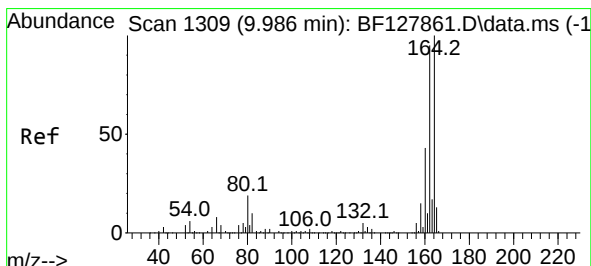
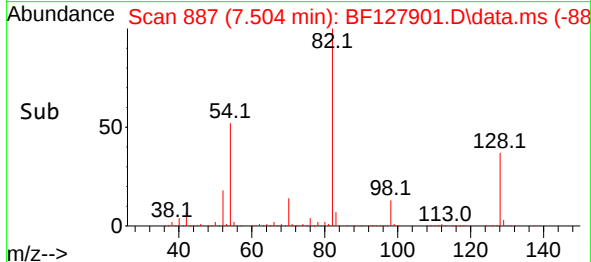
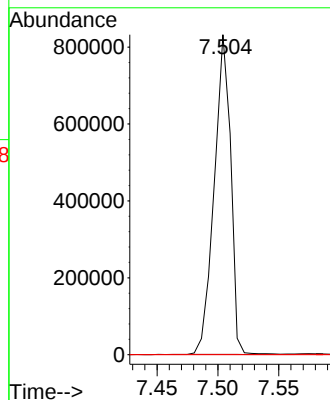
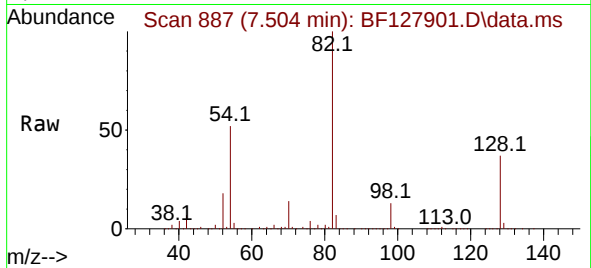




#25
Isophorone
Concen: 39.293 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127901.D
Acq: 26 Apr 2022 01:05

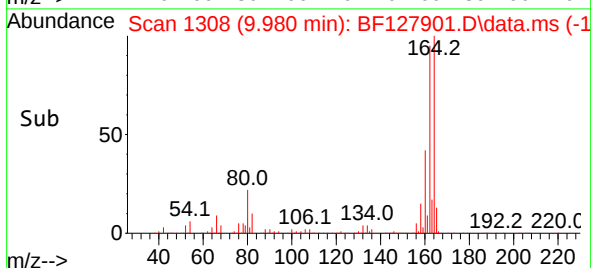
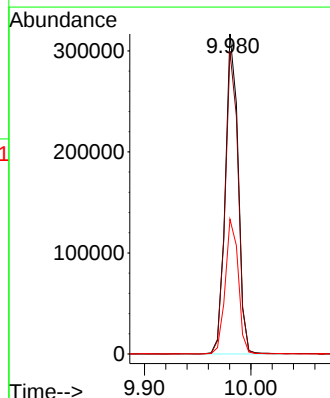
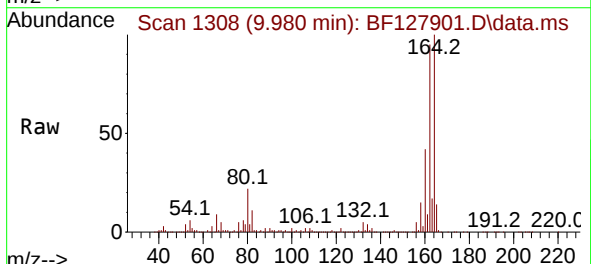
Instrument :
BNA_F
ClientSampleId :
SU-01-042122

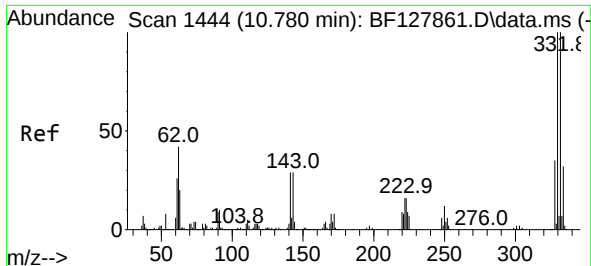
Tgt Ion: 82 Resp: 783164
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127901.D
Acq: 26 Apr 2022 01:05

Tgt Ion:164 Resp: 264288
Ion Ratio Lower Upper
164 100
162 94.5 76.0 114.0
160 42.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 81.517 ng

RT: 10.774 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF127901.D

Acq: 26 Apr 2022 01:05

Instrument :

BNA_F

ClientSampleId :

SU-01-042122

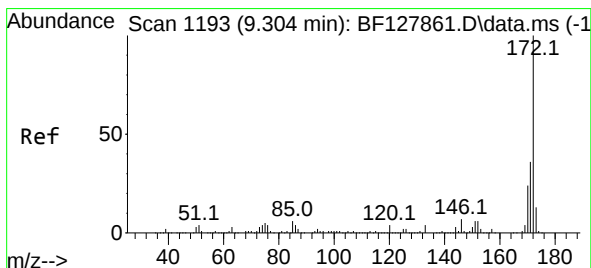
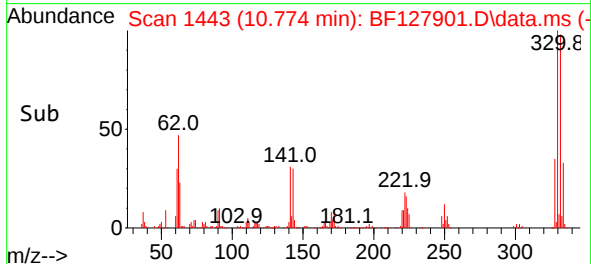
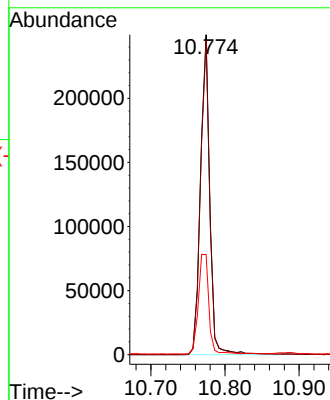
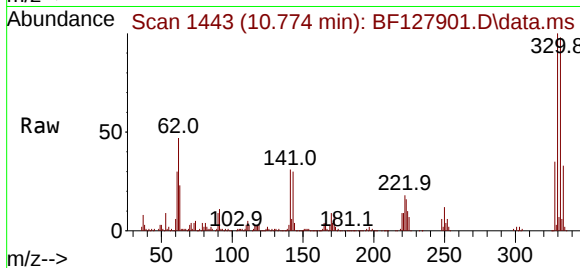
Tgt Ion:330 Resp: 216877

Ion Ratio Lower Upper

330 100

332 97.3 79.0 118.4

141 34.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 71.645 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF127901.D

Acq: 26 Apr 2022 01:05

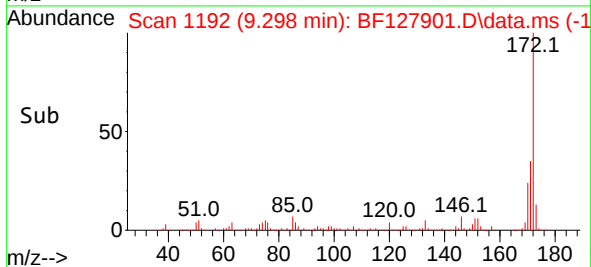
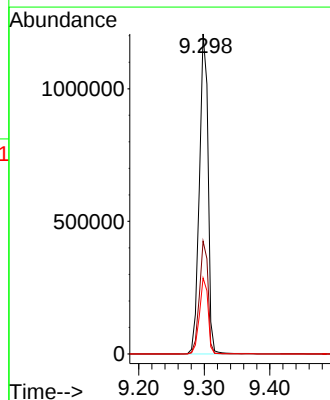
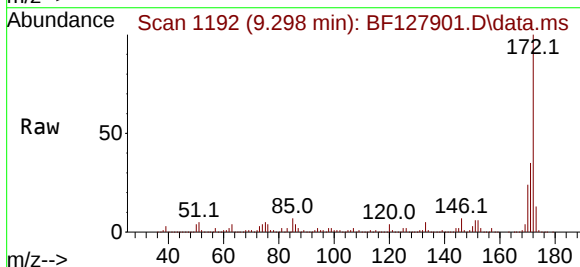
Tgt Ion:172 Resp: 1119255

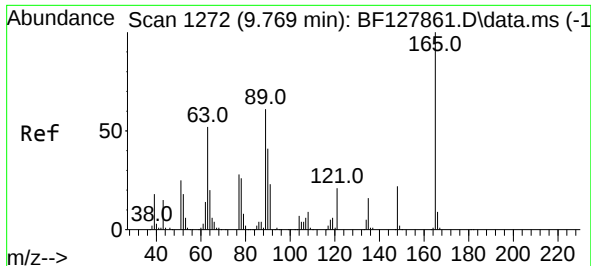
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.7 19.1 28.7

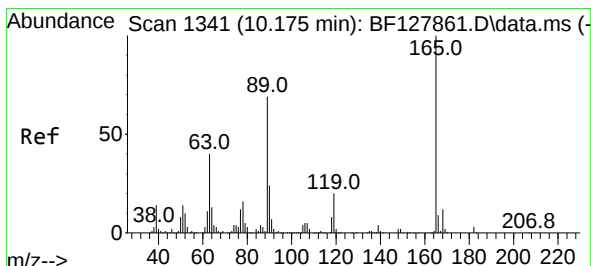
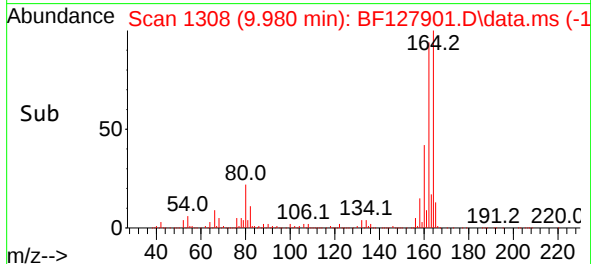
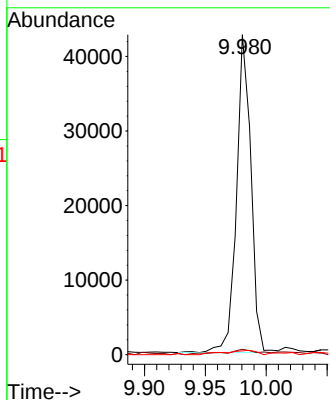
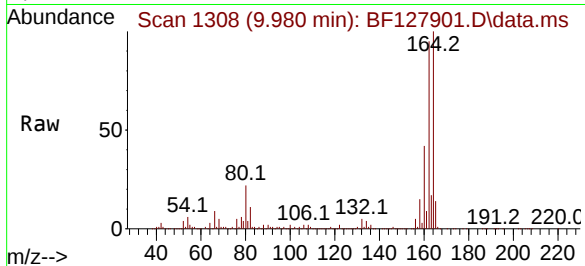




#51
2,6-Dinitrotoluene
Concen: 9.175 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF127901.D
Acq: 26 Apr 2022 01:05

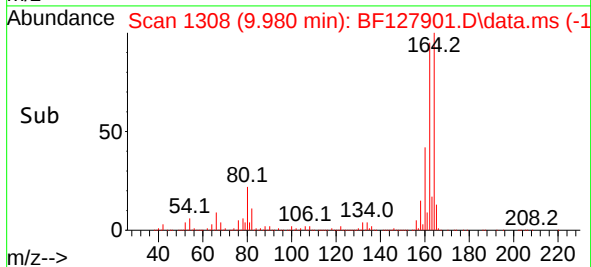
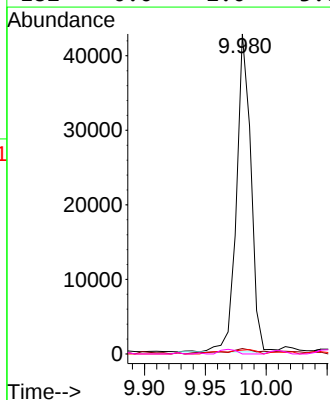
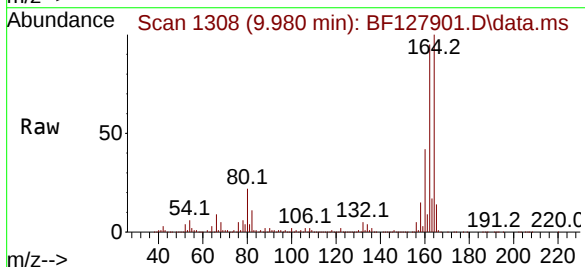
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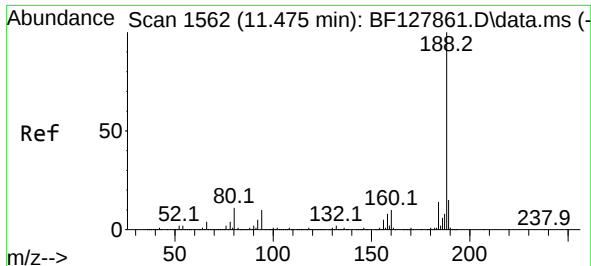
Tgt Ion:165 Resp: 35208
Ion Ratio Lower Upper
165 100
63 1.7 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.926 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127901.D
Acq: 26 Apr 2022 01:05

Tgt Ion:165 Resp: 35208
Ion Ratio Lower Upper
165 100
63 1.7 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#

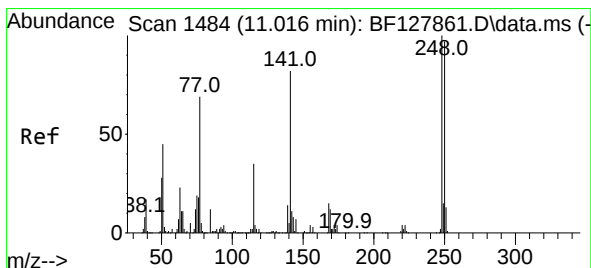
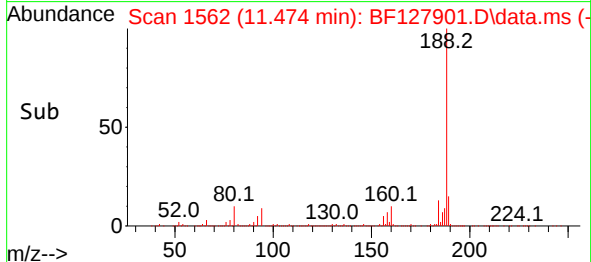
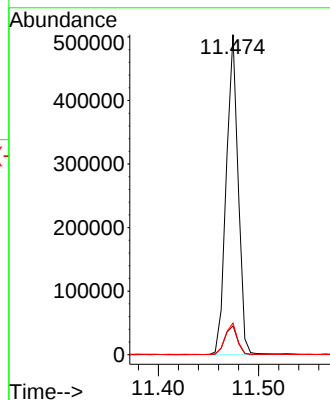
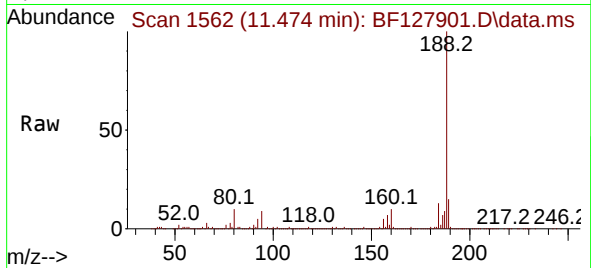




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127901.D
Acq: 26 Apr 2022 01:05

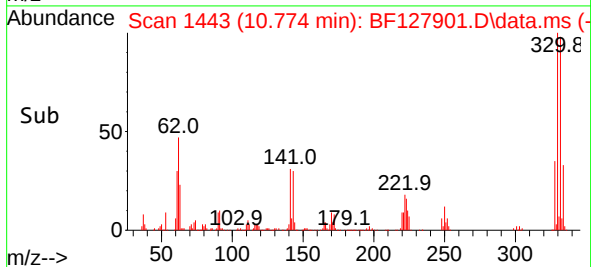
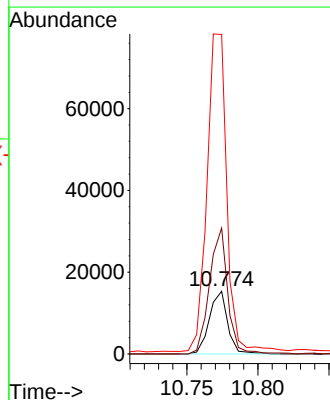
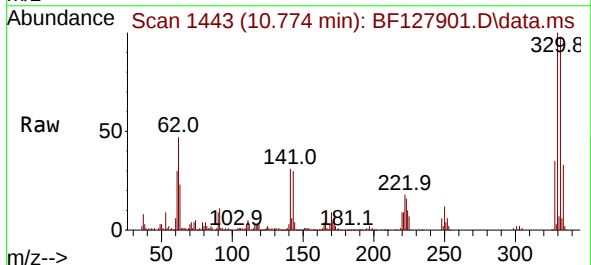
Instrument :
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ClientSampleId :
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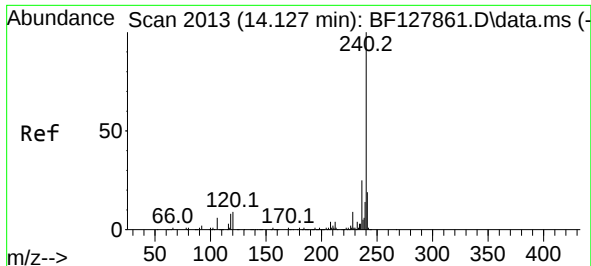
Tgt Ion:188 Resp: 413535
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.9 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.009 ng
RT: 10.774 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF127901.D
Acq: 26 Apr 2022 01:05

Tgt Ion:248 Resp: 13792
Ion Ratio Lower Upper
248 100
250 200.7 77.7 116.5#
141 509.6 65.6 98.4#

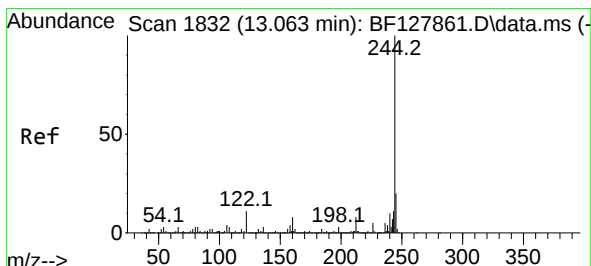
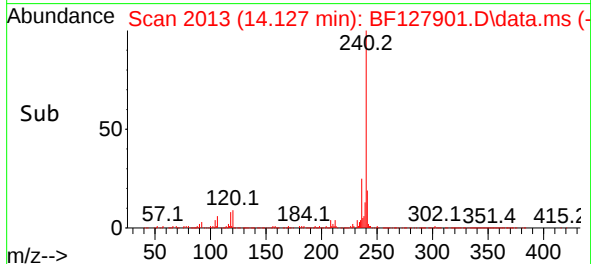
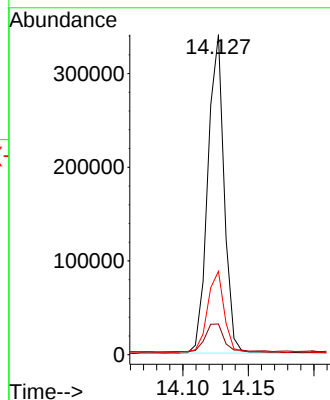
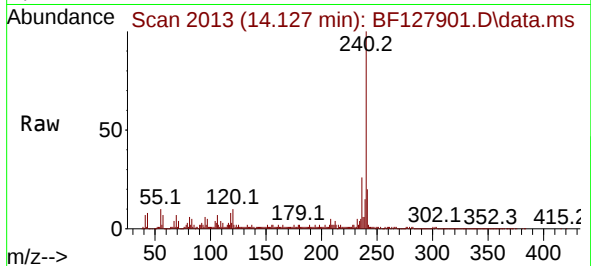




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF127901.D
Acq: 26 Apr 2022 01:05

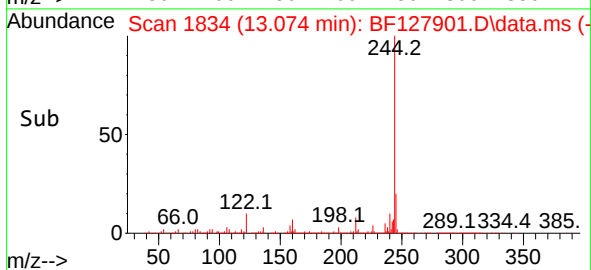
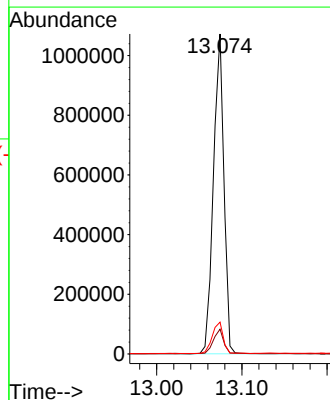
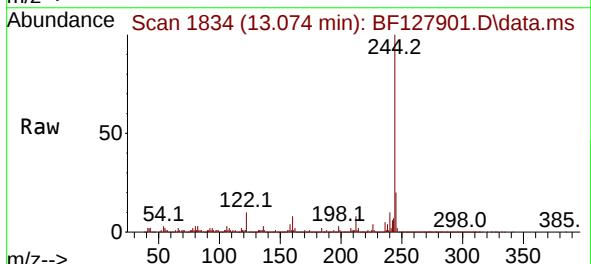
Instrument :
BNA_F
ClientSampleId :
SU-01-042122

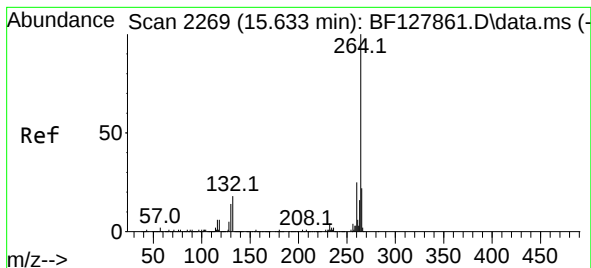
Tgt Ion:240 Resp: 294084
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 57.299 ng
RT: 13.074 min Scan# 1834
Delta R.T. 0.012 min
Lab File: BF127901.D
Acq: 26 Apr 2022 01:05

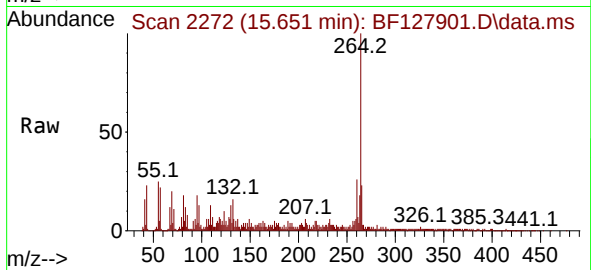
Tgt Ion:244 Resp: 921522
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 9.9 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF127901.D
Acq: 26 Apr 2022 01:05

Instrument :
BNA_F
ClientSampleId :
SU-01-042122



Tgt Ion:264 Resp: 206986

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	23.1	17.5	26.3

