

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042222\
 Data File : BF127867.D
 Acq On : 22 Apr 2022 23:23
 Operator : CG\JU
 Sample : PB144272TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144272TB

Quant Time: Apr 24 01:04:35 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)

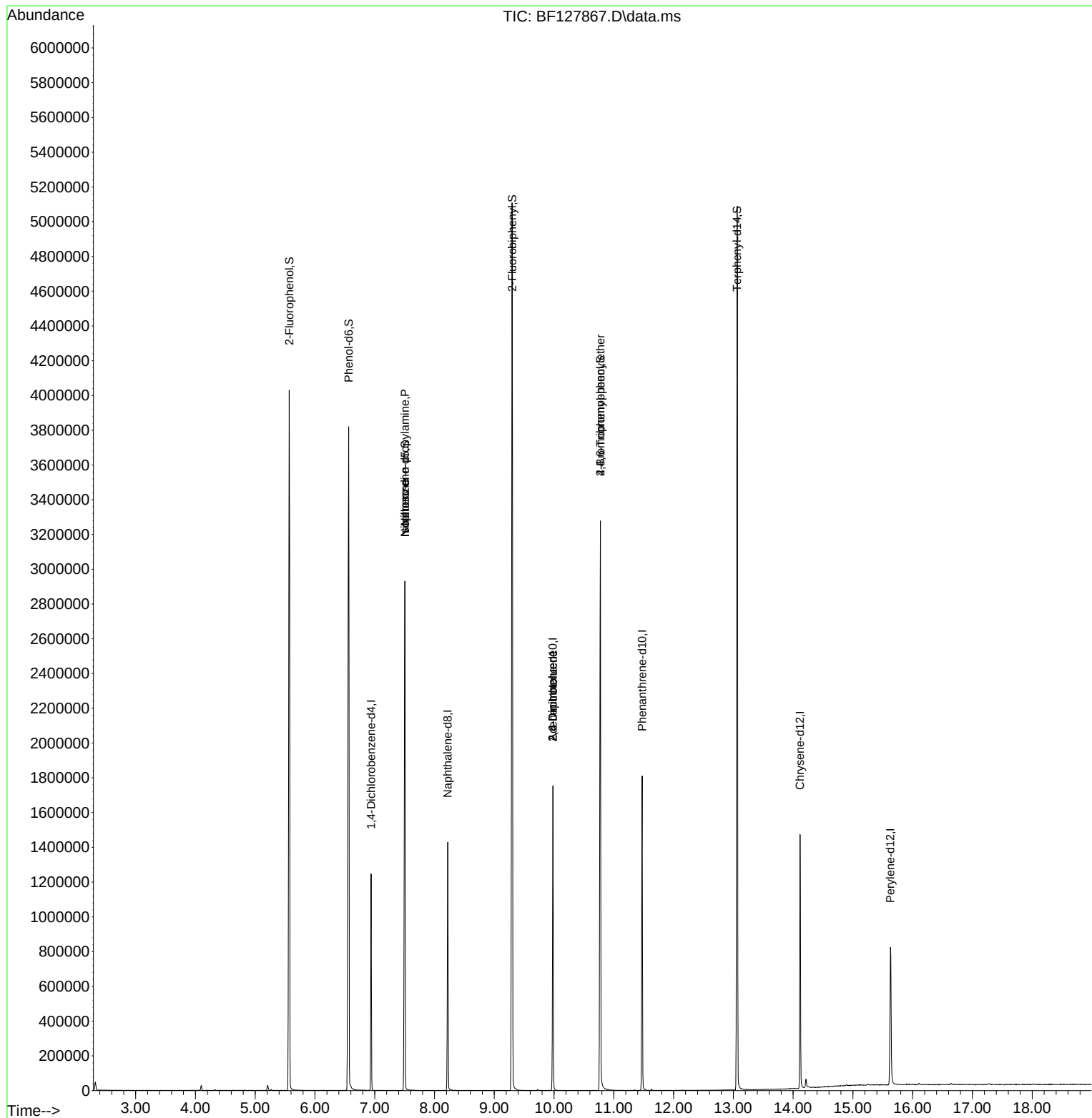
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	160282	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	635619	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	363659	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	680168	20.000	ng	0.00
76) Chrysene-d12	14.116	240	519593	20.000	ng	#-0.01
86) Perylene-d12	15.627	264	407387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1160874	115.360	ng	0.00
7) Phenol-d6	6.563	99	1518072	116.261	ng	0.00
23) Nitrobenzene-d5	7.504	82	1082807	80.108	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	407155	111.219	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1775243	82.584	ng	0.00
79) Terphenyl-d14	13.063	244	2064179	72.643	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	146155	18.285	ng	# 78
25) Isophorone	7.504	82	1082793	47.596	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	46216	8.752	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	46216	6.607	ng	# 25
67) 4-Bromophenyl-phenylether	10.775	248	26070	3.458	ng	# 1

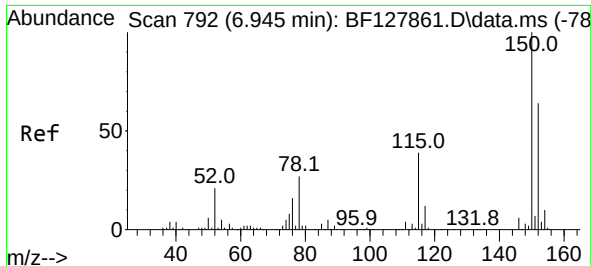
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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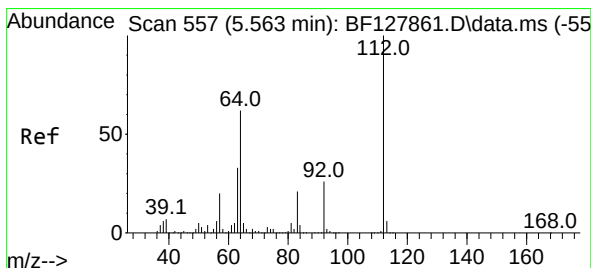
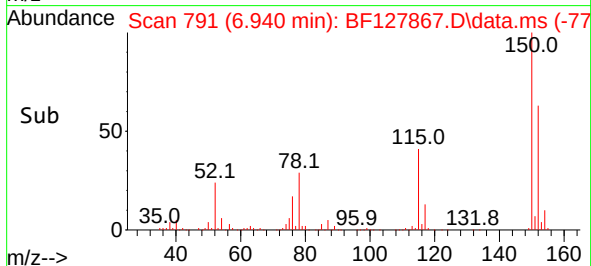
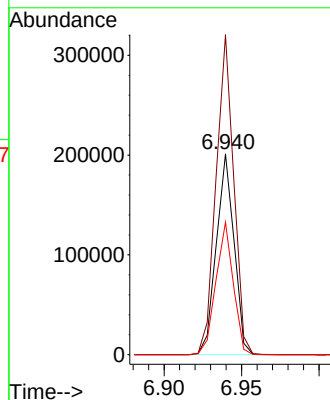
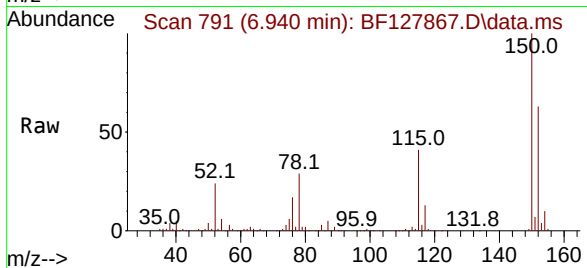




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF127867.D
Acq: 22 Apr 2022 23:23

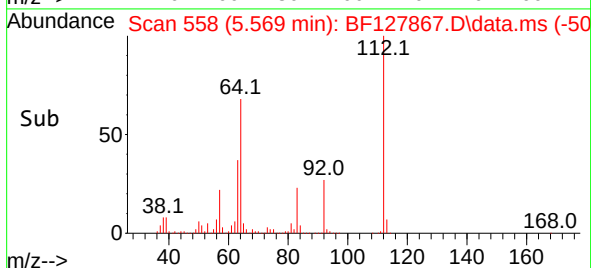
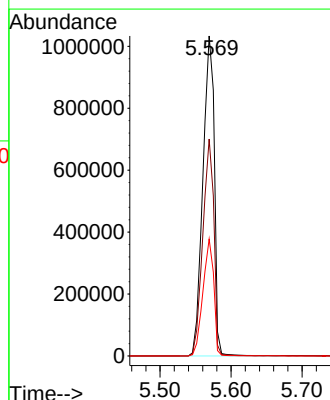
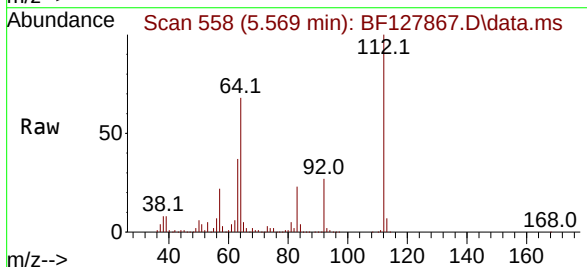
Instrument :
BNA_F
ClientSampleId :
PB144272TB

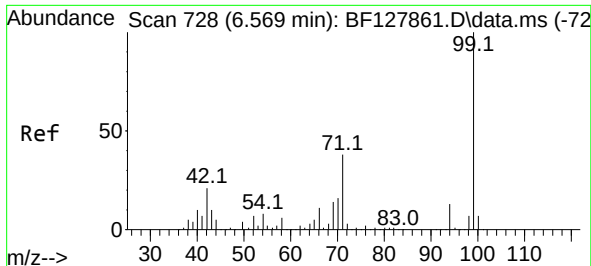
Tgt Ion:152 Resp: 160282
Ion Ratio Lower Upper
152 100
150 159.4 125.3 187.9
115 65.9 48.8 73.2



#5
2-Fluorophenol
Concen: 115.360 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF127867.D
Acq: 22 Apr 2022 23:23

Tgt Ion:112 Resp: 1160874
Ion Ratio Lower Upper
112 100
64 67.8 49.5 74.3
63 36.6 26.3 39.5

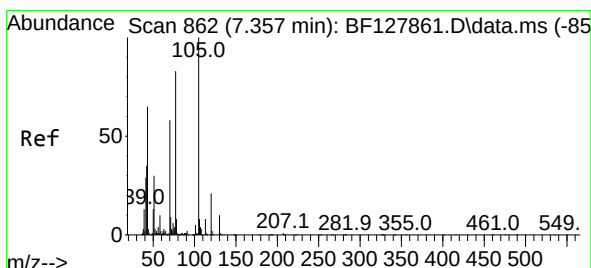
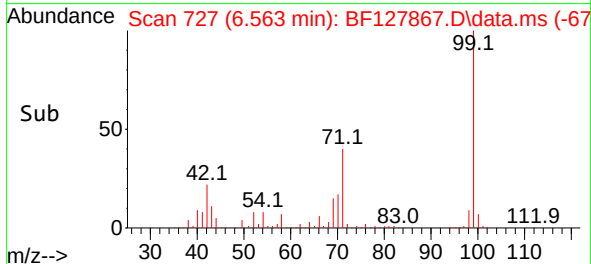
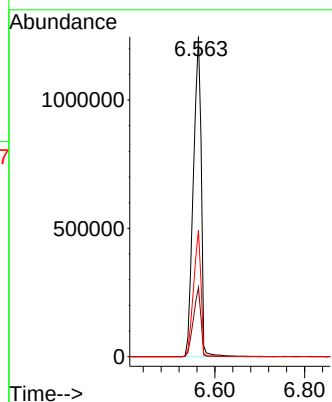
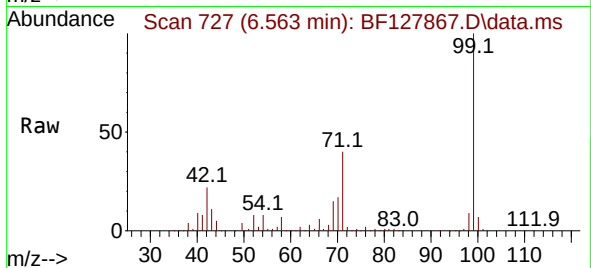




#7
Phenol-d6
Concen: 116.261 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127867.D
Acq: 22 Apr 2022 23:23

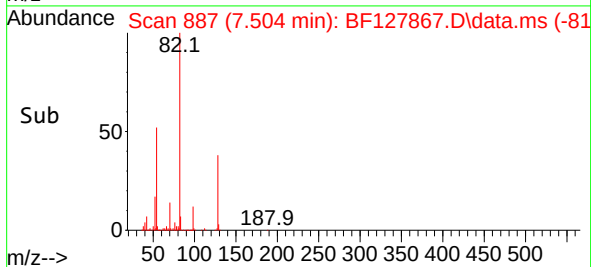
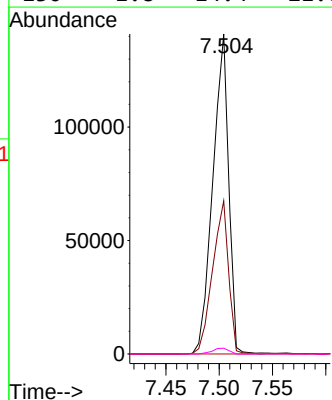
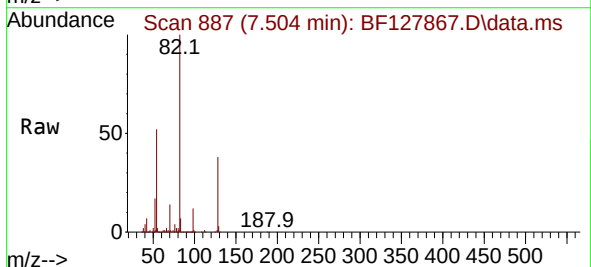
Instrument :
BNA_F
ClientSampleId :
PB144272TB

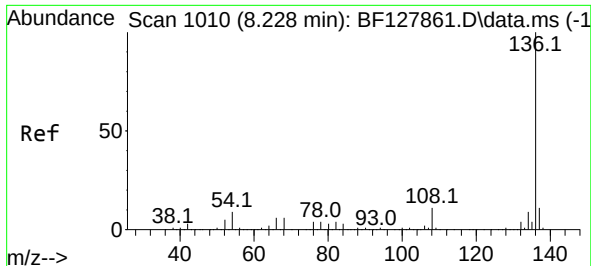
Tgt Ion: 99 Resp: 1518072
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 39.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.285 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127867.D
Acq: 22 Apr 2022 23:23

Tgt Ion: 70 Resp: 146155
Ion Ratio Lower Upper
70 100
42 47.9 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#



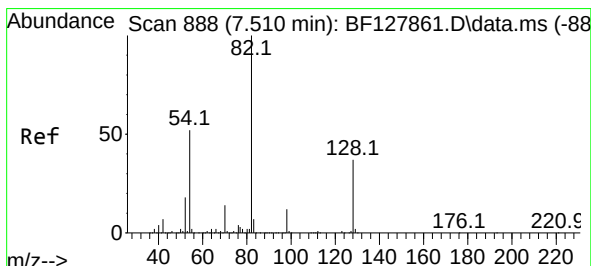
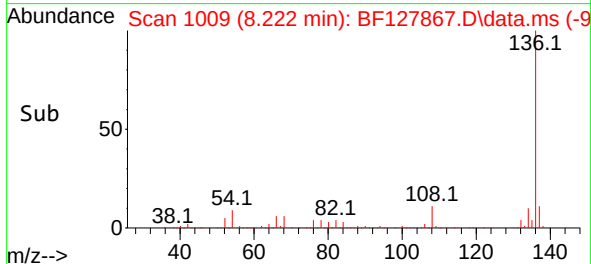
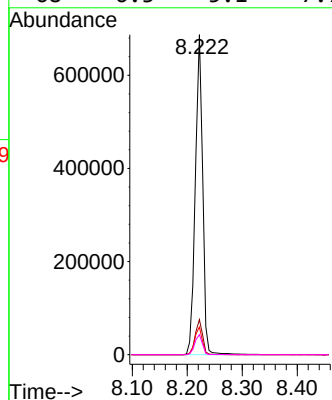
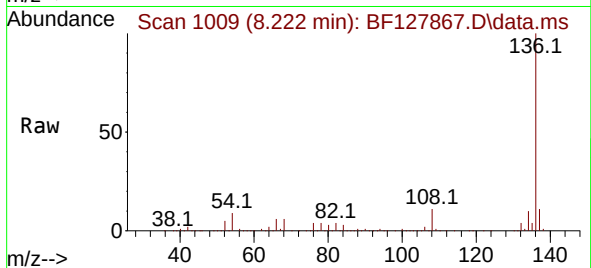


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127867.D
Acq: 22 Apr 2022 23:23

Instrument :
BNA_F
ClientSampleId :
PB144272TB

Tgt Ion:136 Resp: 635619

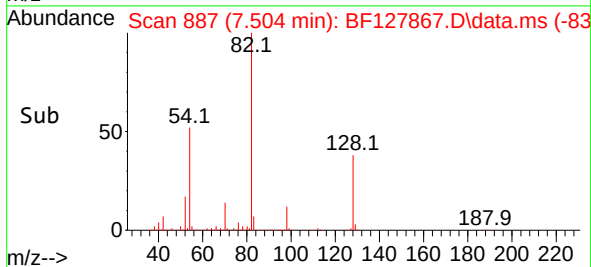
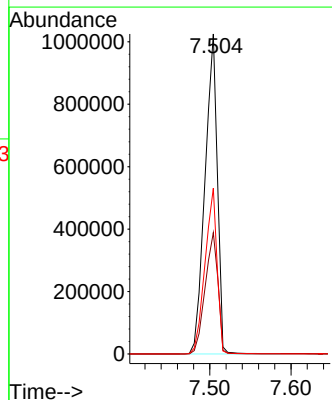
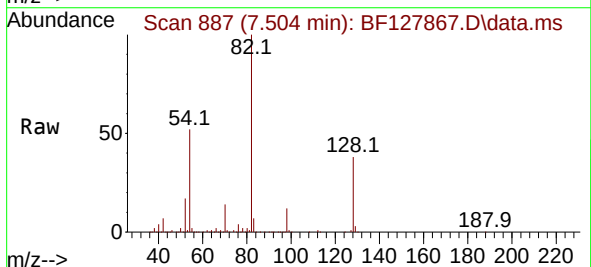
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.7	6.8	10.2
68	6.3	5.1	7.7

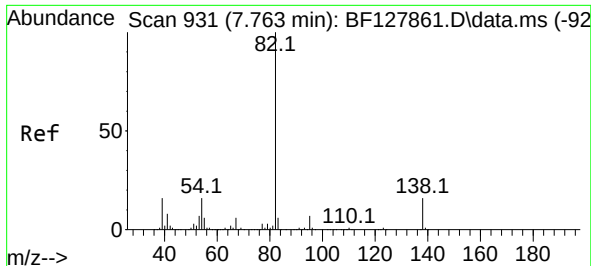


#23
Nitrobenzene-d5
Concen: 80.108 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127867.D
Acq: 22 Apr 2022 23:23

Tgt Ion: 82 Resp: 1082807

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.0	45.0
54	51.8	41.3	61.9

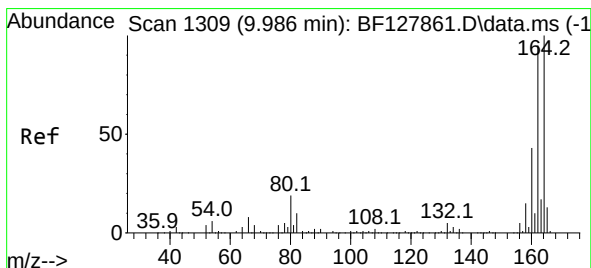
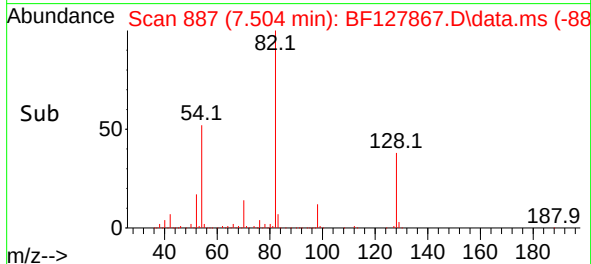
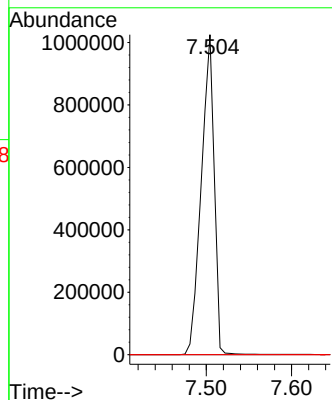
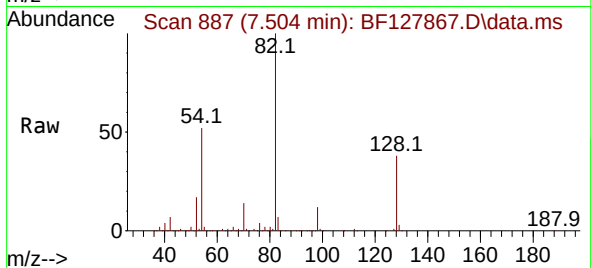




#25
Isophorone
Concen: 47.596 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127867.D
Acq: 22 Apr 2022 23:23

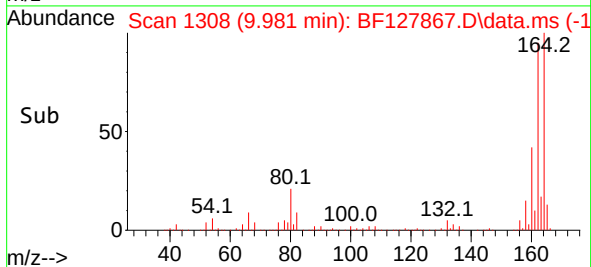
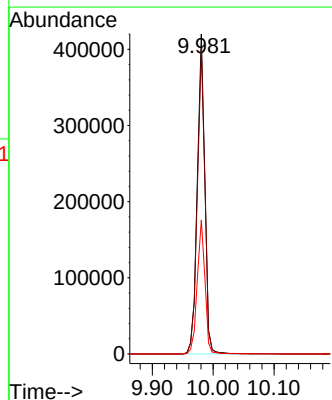
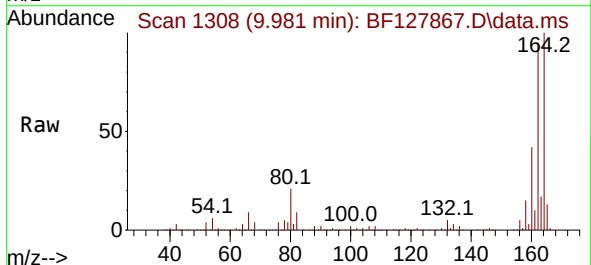
Instrument :
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ClientSampleId :
PB144272TB

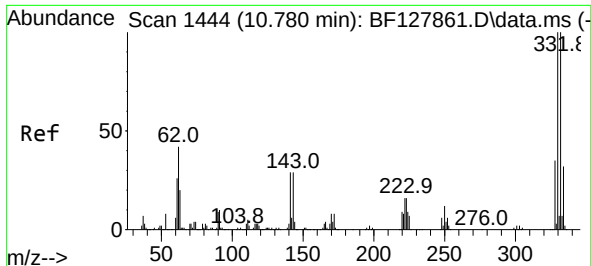
Tgt Ion: 82 Resp: 1082793
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127867.D
Acq: 22 Apr 2022 23:23

Tgt Ion:164 Resp: 363659
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 41.8 34.8 52.2

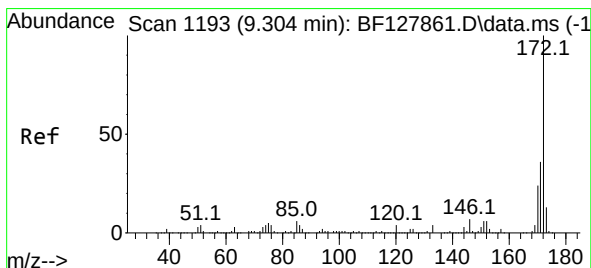
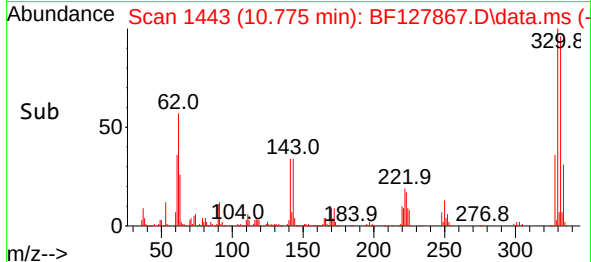
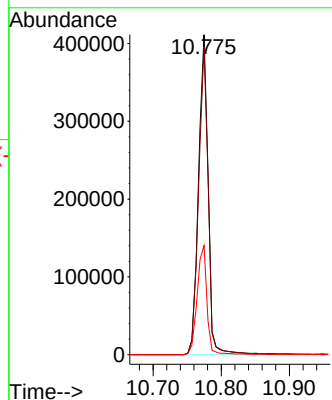
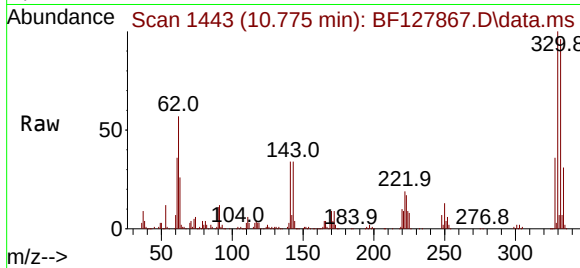




#42
2,4,6-Tribromophenol
Concen: 111.219 ng
RT: 10.775 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF127867.D
Acq: 22 Apr 2022 23:23

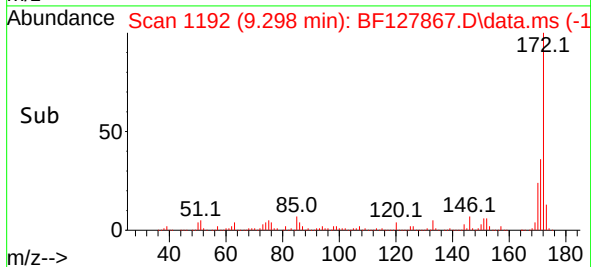
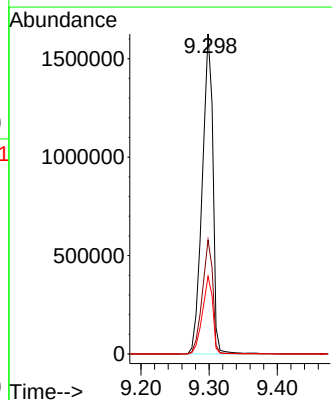
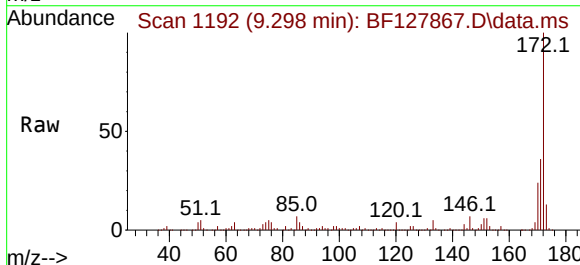
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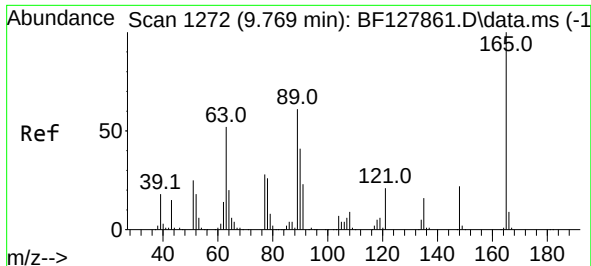
Tgt Ion:330 Resp: 407155
Ion Ratio Lower Upper
330 100
332 95.5 79.0 118.4
141 34.5 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 82.584 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF127867.D
Acq: 22 Apr 2022 23:23

Tgt Ion:172 Resp: 1775243
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 24.2 19.1 28.7

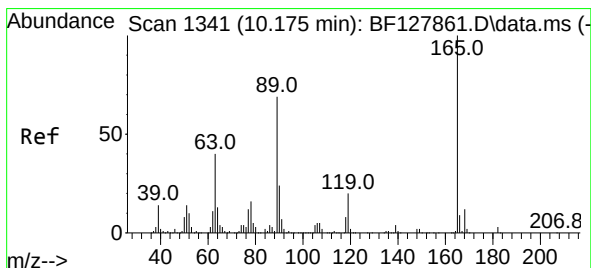
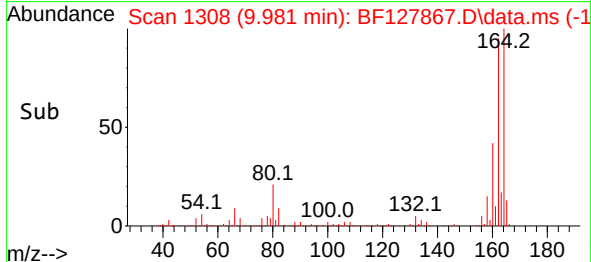
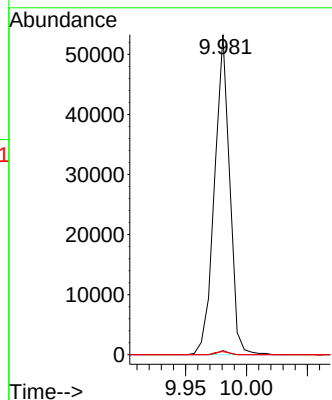
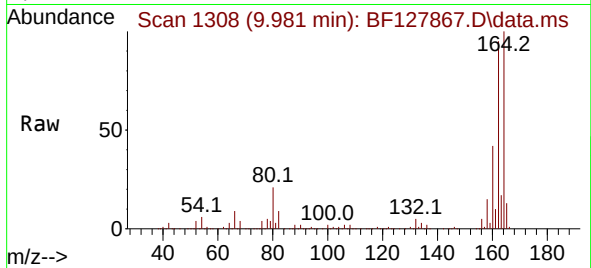




#51
2,6-Dinitrotoluene
Concen: 8.752 ng
RT: 9.981 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127867.D
Acq: 22 Apr 2022 23:23

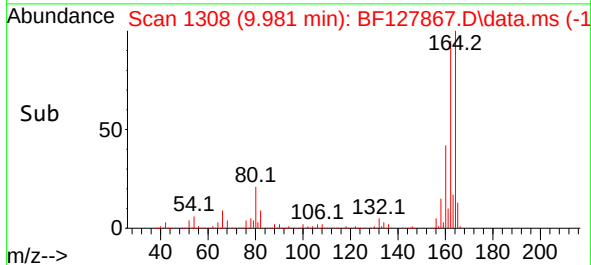
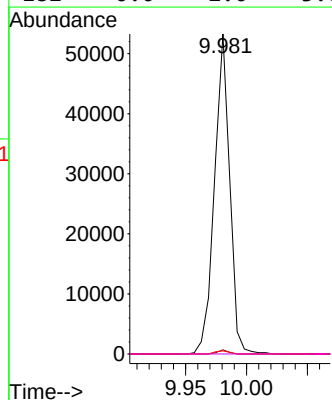
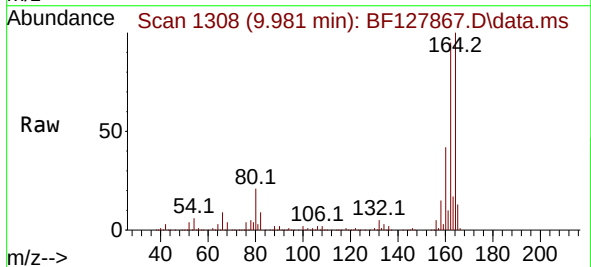
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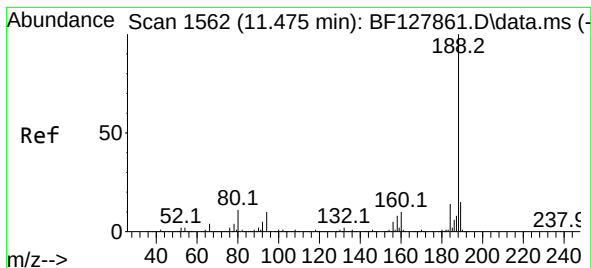
Tgt Ion:165 Resp: 46216
Ion Ratio Lower Upper
165 100
63 1.3 49.5 74.3#
89 1.0 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.607 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127867.D
Acq: 22 Apr 2022 23:23

Tgt Ion:165 Resp: 46216
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.0 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.475 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127867.D

Acq: 22 Apr 2022 23:23

Instrument :

BNA_F

ClientSampleId :

PB144272TB

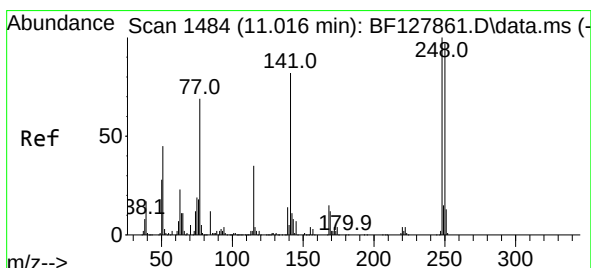
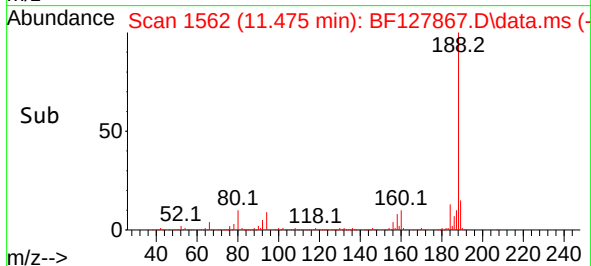
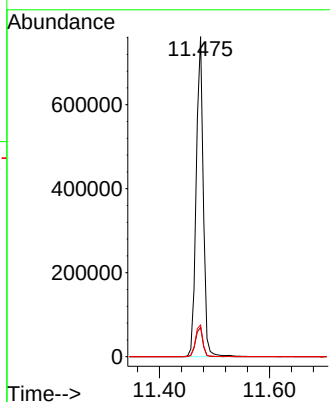
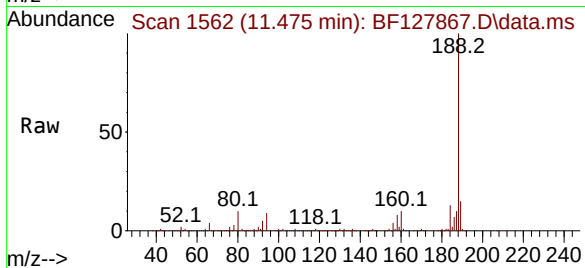
Tgt Ion:188 Resp: 680168

Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

80 9.9 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.458 ng

RT: 10.775 min Scan# 1443

Delta R.T. -0.241 min

Lab File: BF127867.D

Acq: 22 Apr 2022 23:23

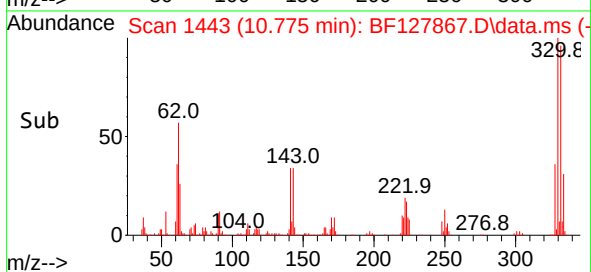
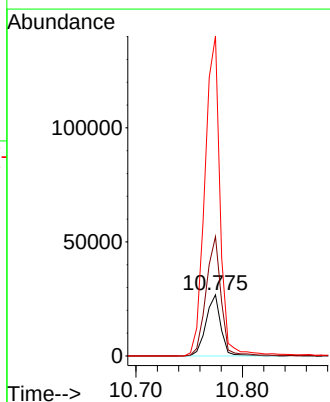
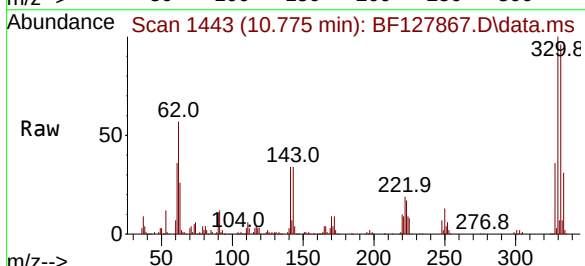
Tgt Ion:248 Resp: 26070

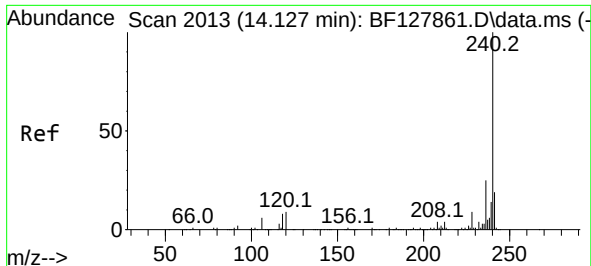
Ion Ratio Lower Upper

248 100

250 195.1 77.7 116.5#

141 523.2 65.6 98.4#

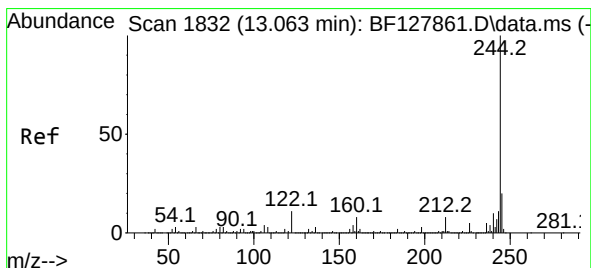
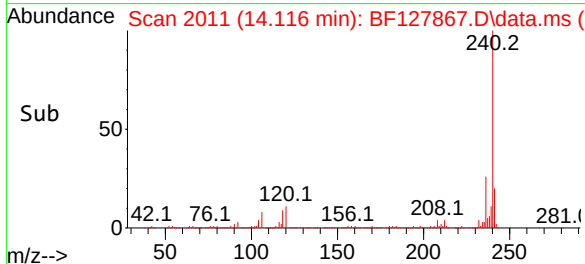
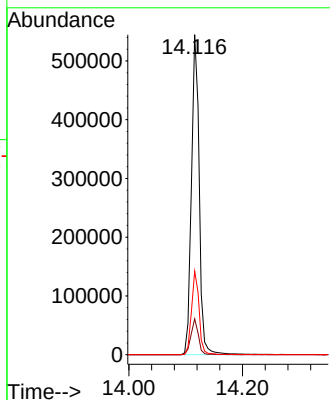
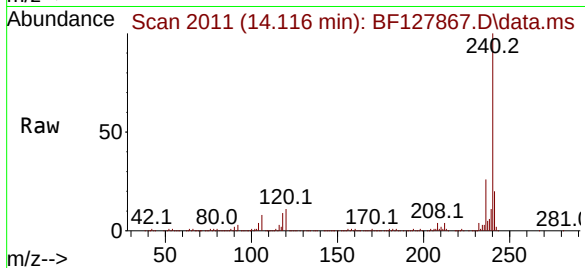




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF127867.D
Acq: 22 Apr 2022 23:23

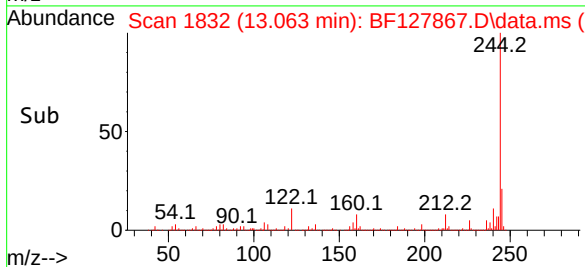
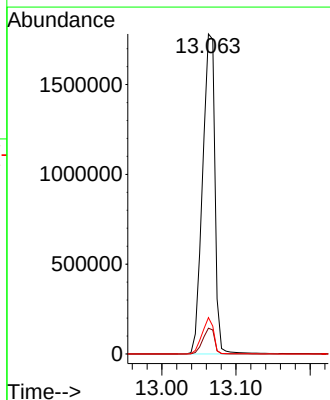
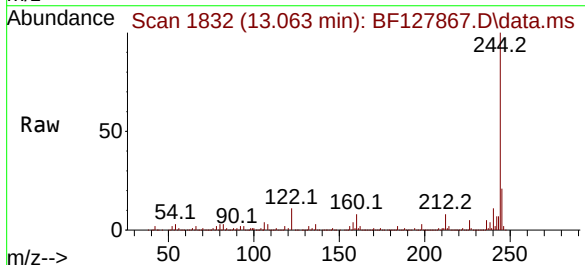
Instrument :
BNA_F
ClientSampleId :
PB144272TB

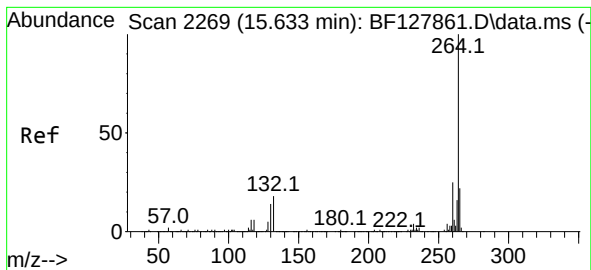
Tgt Ion:240 Resp: 519593
Ion Ratio Lower Upper
240 100
120 11.2 7.0 10.6#
236 26.1 20.3 30.5



#79
Terphenyl-d14
Concen: 72.643 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF127867.D
Acq: 22 Apr 2022 23:23

Tgt Ion:244 Resp: 2064179
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.4
122 11.4 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127867.D

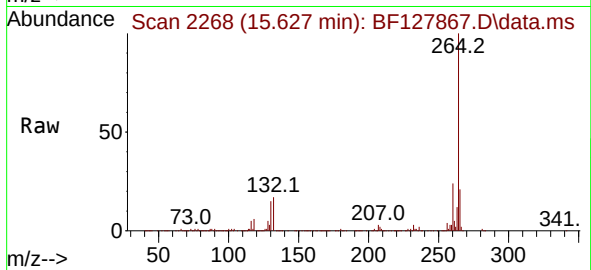
Acq: 22 Apr 2022 23:23

Instrument :

BNA_F

ClientSampleId :

PB144272TB



Tgt Ion:264 Resp: 407387

Ion Ratio Lower Upper

264 100

260 23.6 20.1 30.1

265 21.0 17.5 26.3

