

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125159.D
 Acq On : 23 Aug 2021 17:17
 Operator : JU/CG
 Sample : PB138616TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138616TB

Quant Time: Aug 24 04:47:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 10:15:49 2021
 Response via : Initial Calibration

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

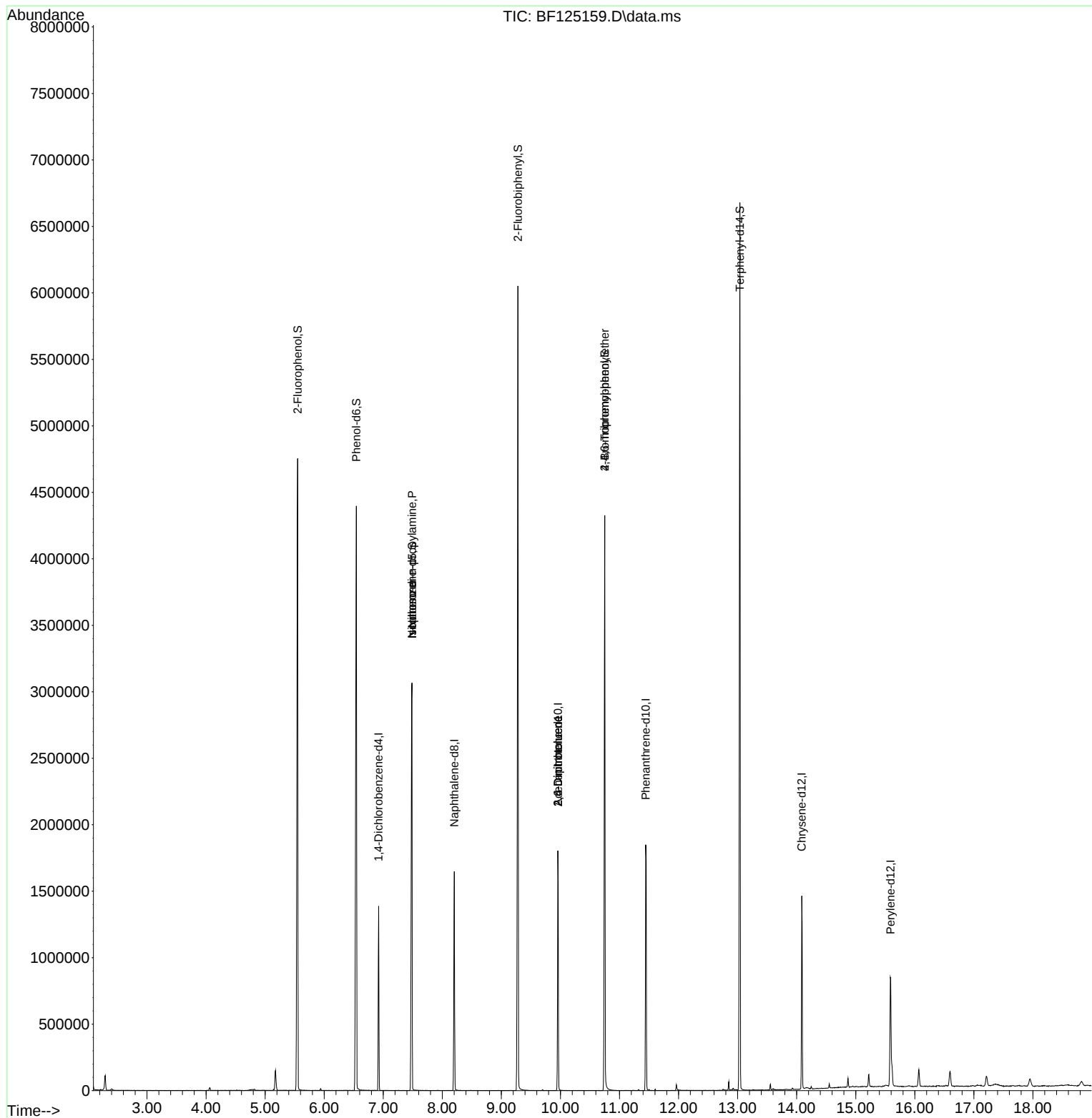
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	179977	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	697486	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	382495	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	707341	20.000	ng	0.00
76) Chrysene-d12	14.086	240	506465	20.000	ng	-0.01
86) Perylene-d12	15.592	264	415075	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1332825	112.090	ng	0.01
7) Phenol-d6	6.545	99	1642724	106.820	ng	0.00
23) Nitrobenzene-d5	7.487	82	1134418	81.881	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	546994	143.262	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	2018852	73.563	ng	0.00
79) Terphenyl-d14	13.039	244	2449098	77.037	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	154816	16.737	ng	# 58
25) Isophorone	7.487	82	1131357	42.330	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	48930	8.513	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	48930	7.034	ng	# 19
67) 4-Bromophenyl-phenylether	10.751	248	33342	3.925	ng	# 1

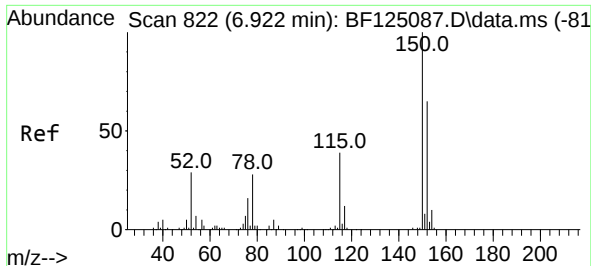
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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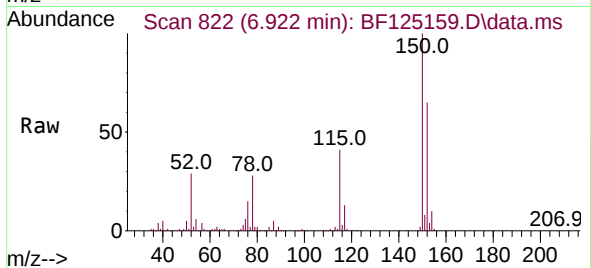
Quant Time: Aug 24 04:47:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



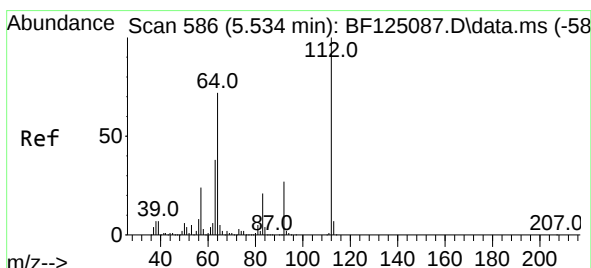
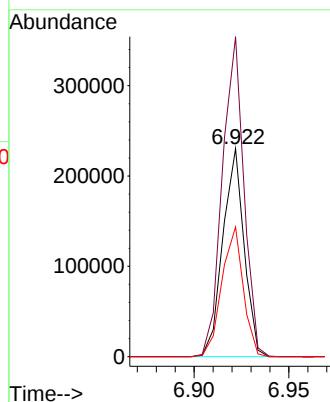
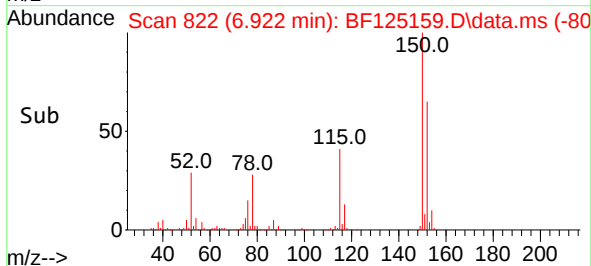


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125159.D
Acq: 23 Aug 2021 17:17

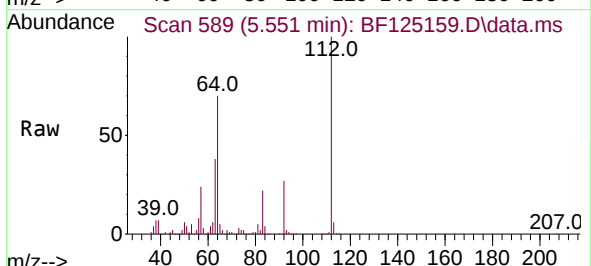
Instrument :
BNA_F
ClientSampleId :
PB138616TB



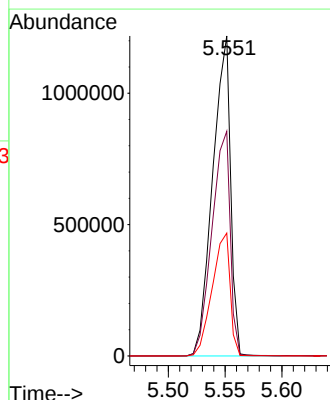
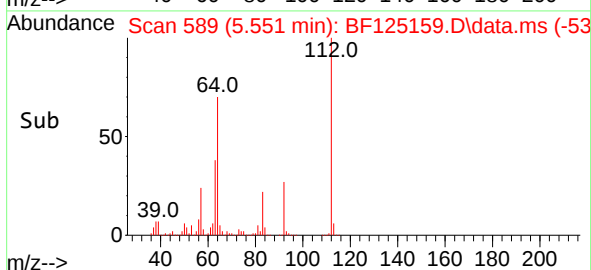
Tgt Ion:152 Resp: 179977
Ion Ratio Lower Upper
152 100
150 153.8 117.6 176.4
115 62.3 47.1 70.7



#5
2-Fluorophenol
Concen: 112.090 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.012 min
Lab File: BF125159.D
Acq: 23 Aug 2021 17:17



Tgt Ion:112 Resp: 1332825
Ion Ratio Lower Upper
112 100
64 70.2 44.2 66.2#
63 38.4 26.2 39.2

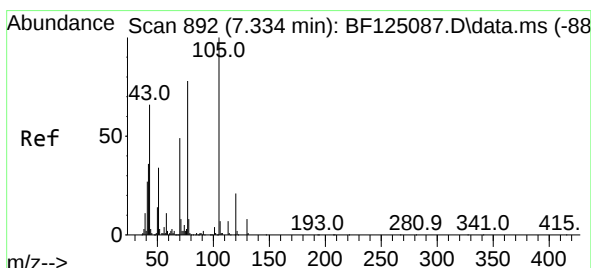
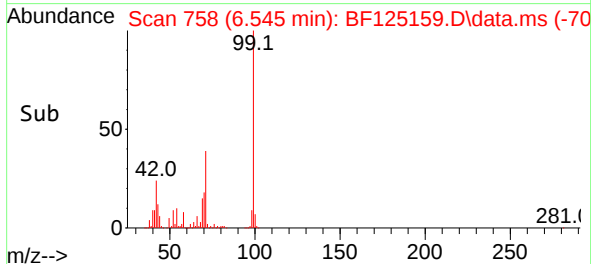
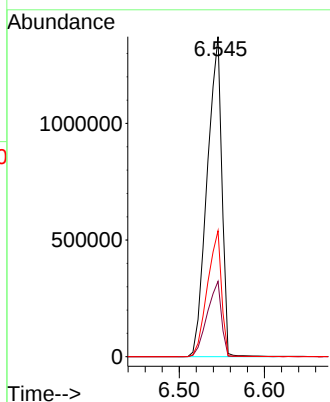
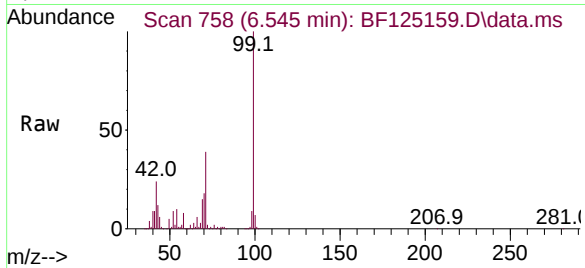




#7
Phenol-d6
Concen: 106.820 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF125159.D
Acq: 23 Aug 2021 17:17

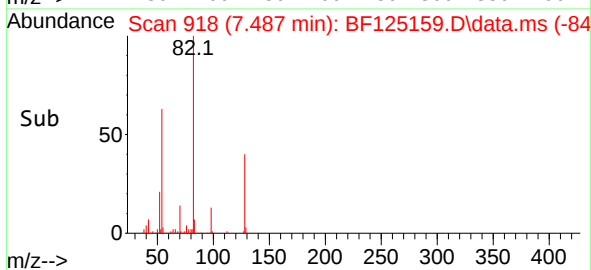
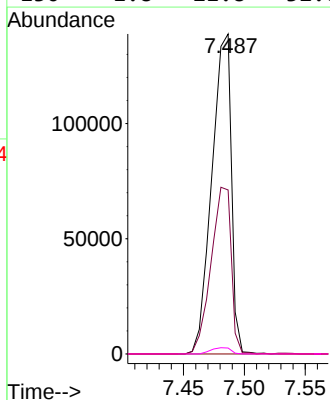
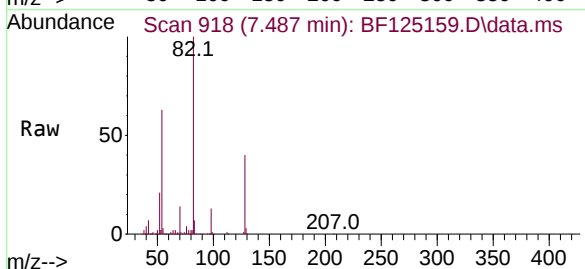
Instrument :
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PB138616TB

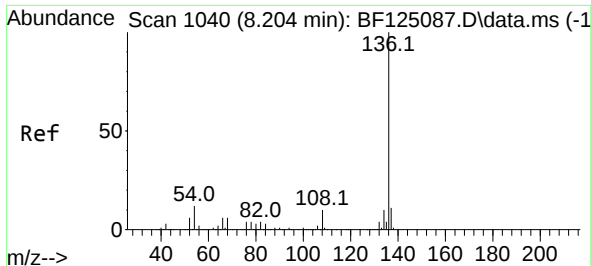
Tgt Ion: 99 Resp: 1642724
Ion Ratio Lower Upper
99 100
42 23.5 23.5 35.3
71 39.4 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 16.737 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF125159.D
Acq: 23 Aug 2021 17:17

Tgt Ion: 70 Resp: 154816
Ion Ratio Lower Upper
70 100
42 51.3 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

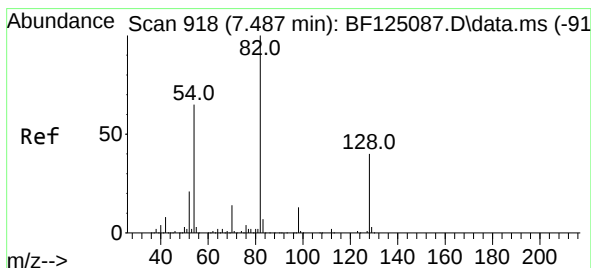
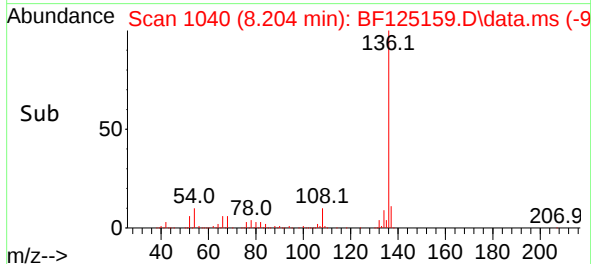
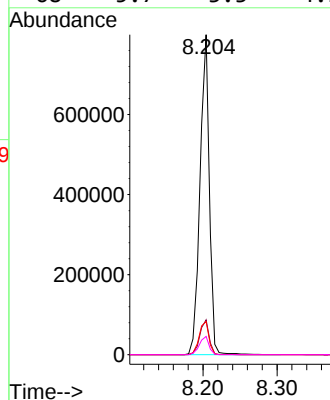
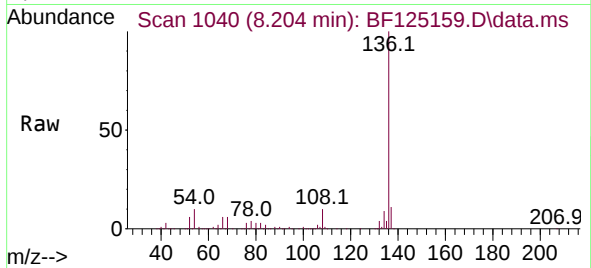




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125159.D
Acq: 23 Aug 2021 17:17

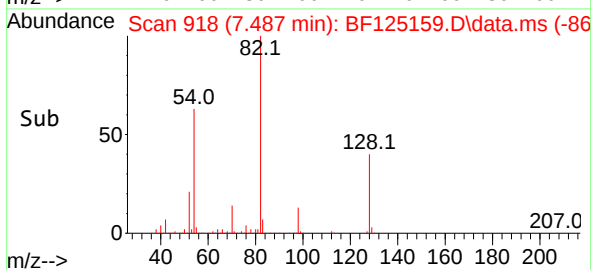
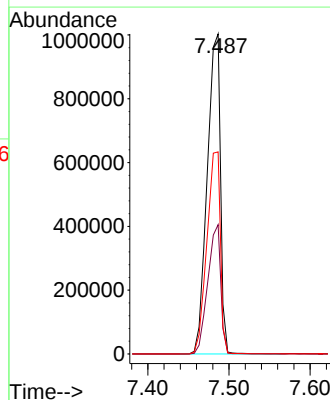
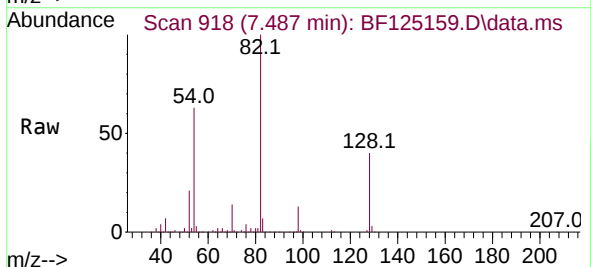
Instrument :
BNA_F
ClientSampleId :
PB138616TB

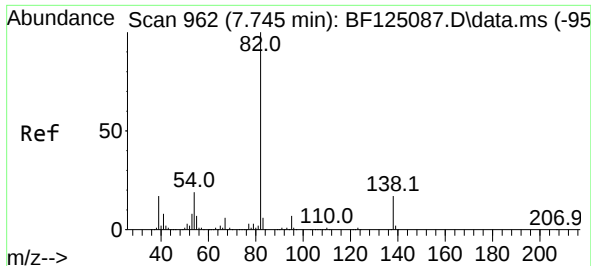
Tgt Ion:	136	Resp:	697486
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	10.3	6.4	9.6#
68	5.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 81.881 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF125159.D
Acq: 23 Aug 2021 17:17

Tgt Ion:	82	Resp:	1134418
Ion	Ratio	Lower	Upper
82	100		
128	40.4	40.6	60.8#
54	63.2	49.6	74.4

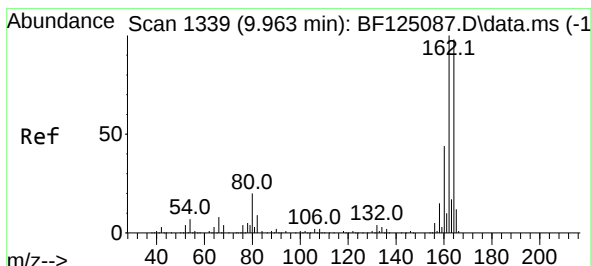
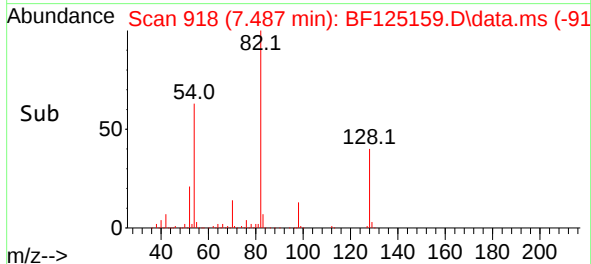
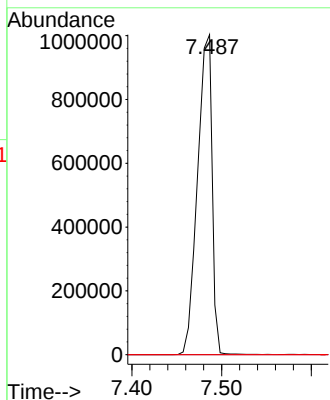
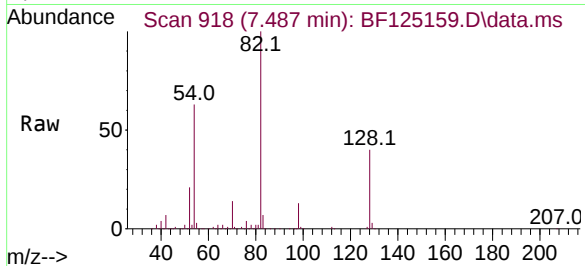




#25
Isophorone
Concen: 42.330 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.259 min
Lab File: BF125159.D
Acq: 23 Aug 2021 17:17

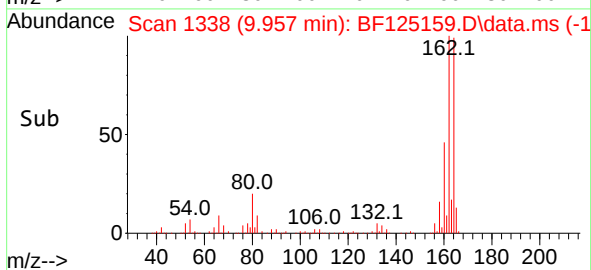
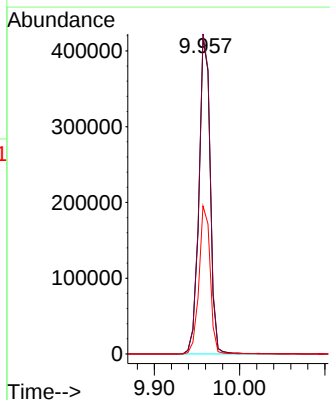
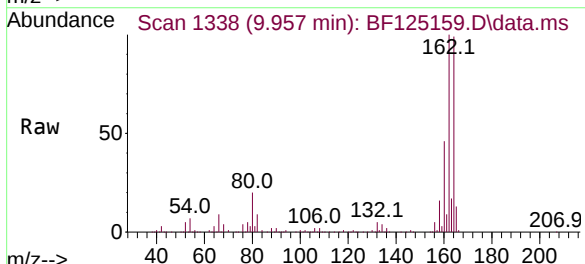
Instrument :
BNA_F
ClientSampleId :
PB138616TB

Tgt Ion: 82 Resp: 1131357
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125159.D
Acq: 23 Aug 2021 17:17

Tgt Ion: 164 Resp: 382495
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 46.8 38.0 57.0

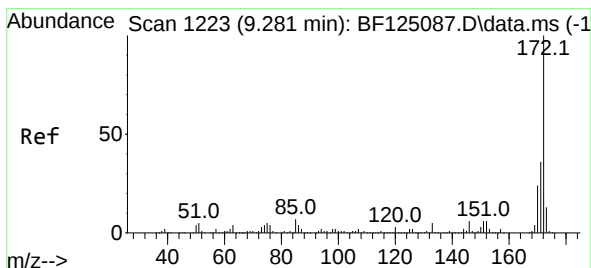
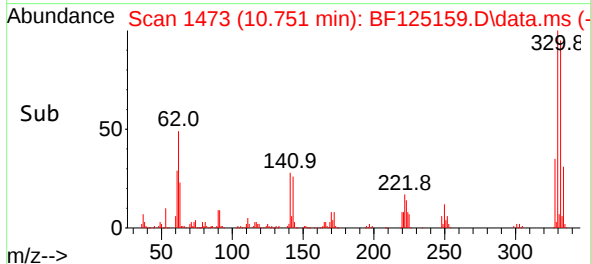
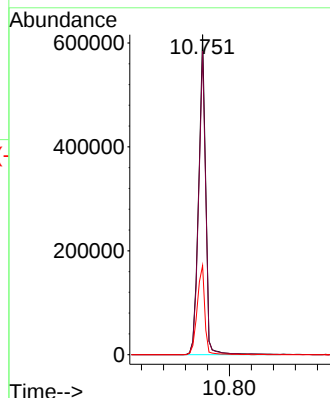
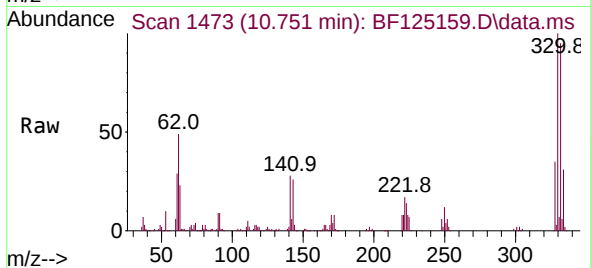




#42
2,4,6-Tribromophenol
Concen: 143.262 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF125159.D
Acq: 23 Aug 2021 17:17

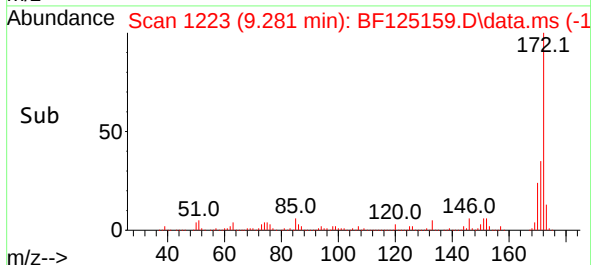
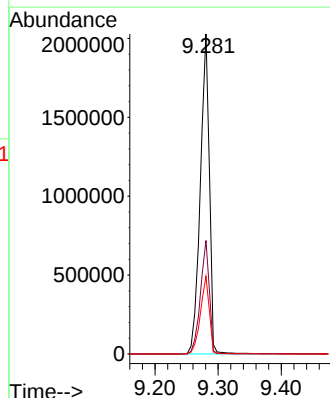
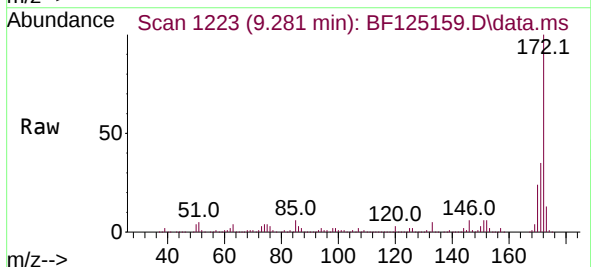
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ClientSampleId :
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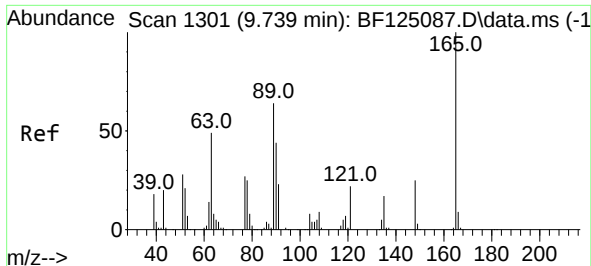
Tgt Ion:330 Resp: 546994
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 30.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 73.563 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125159.D
Acq: 23 Aug 2021 17:17

Tgt Ion:172 Resp: 2018852
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.3 18.8 28.2

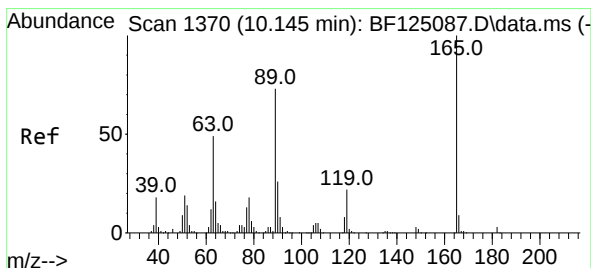
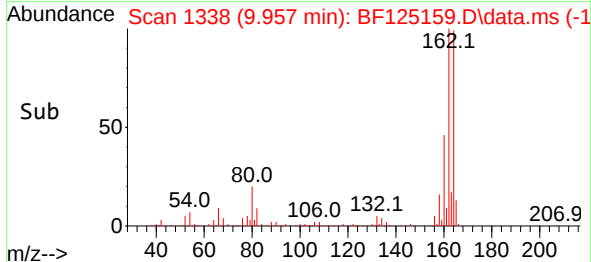
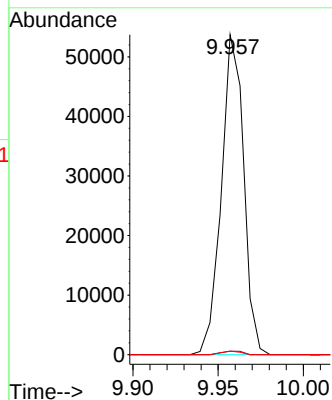
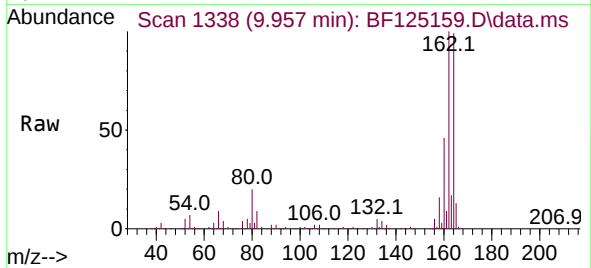




#51
2,6-Dinitrotoluene
Concen: 8.513 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF125159.D
Acq: 23 Aug 2021 17:17

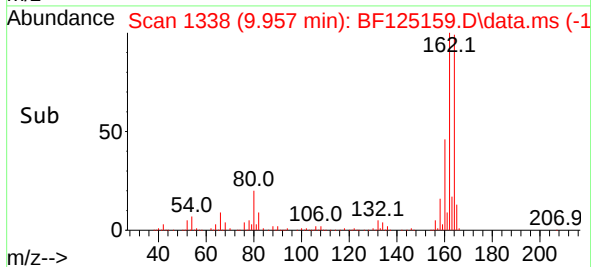
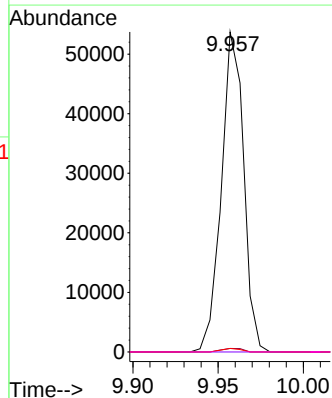
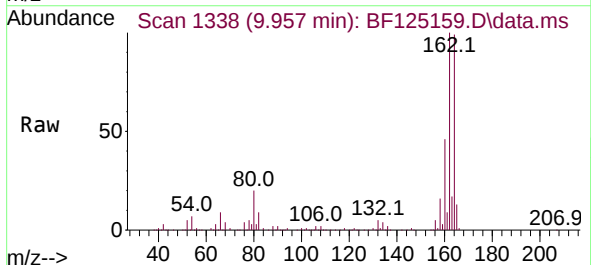
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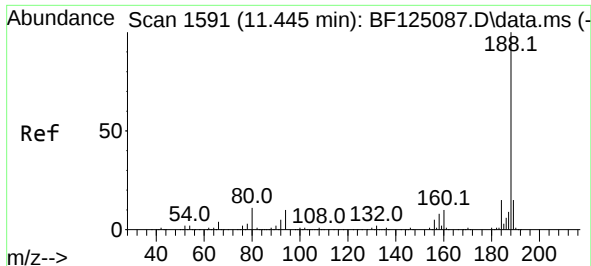
Tgt Ion:165 Resp: 48930
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.034 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF125159.D
Acq: 23 Aug 2021 17:17

Tgt Ion:165 Resp: 48930
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

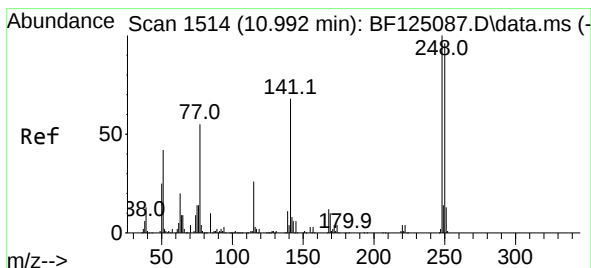
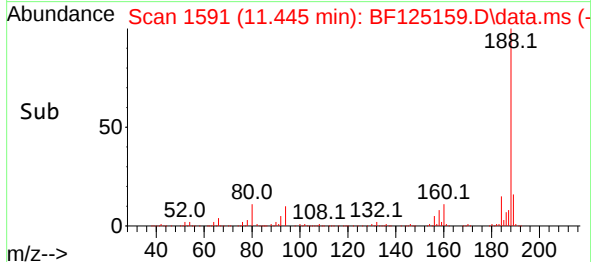
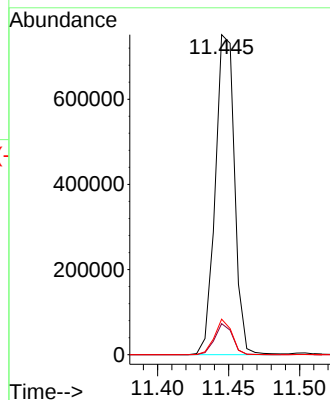
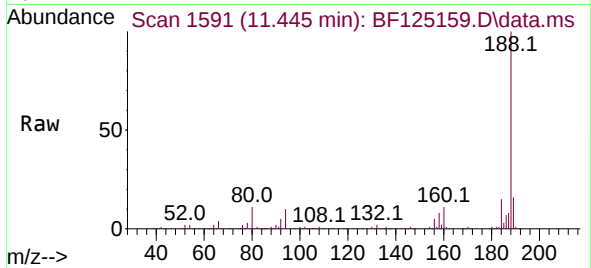




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF125159.D
Acq: 23 Aug 2021 17:17

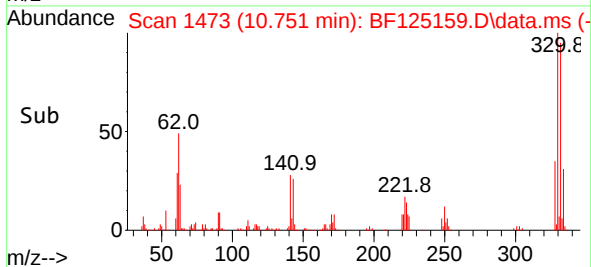
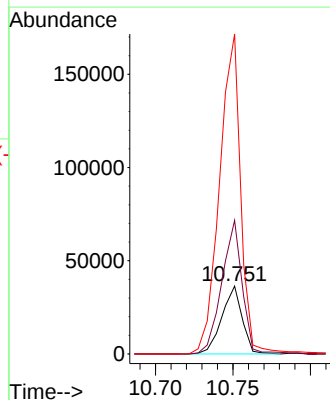
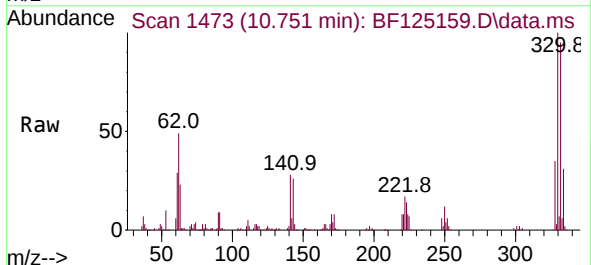
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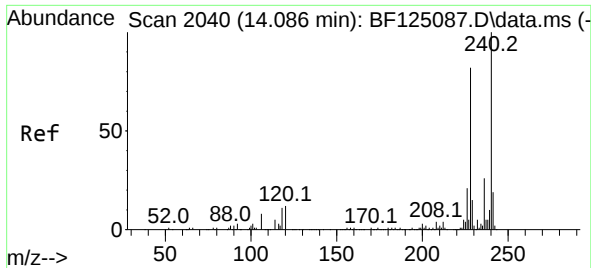
Tgt Ion:188 Resp: 707341
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 11.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.925 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.241 min
Lab File: BF125159.D
Acq: 23 Aug 2021 17:17

Tgt Ion:248 Resp: 33342
Ion Ratio Lower Upper
248 100
250 196.8 74.2 111.4#
141 471.6 60.4 90.6#

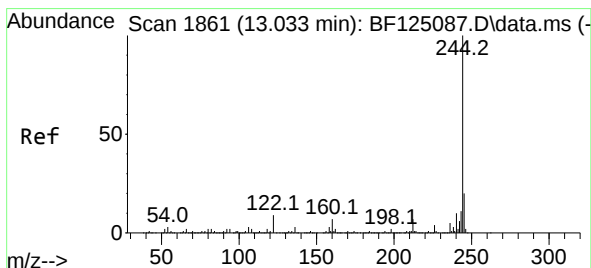
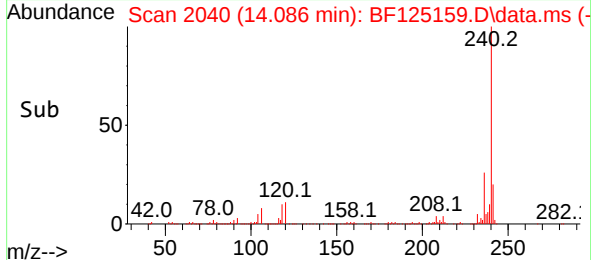
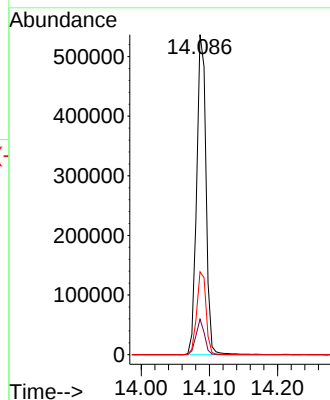
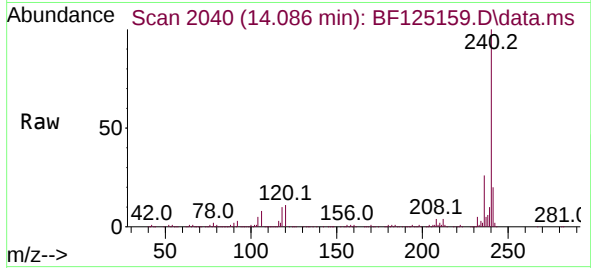




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BF125159.D
Acq: 23 Aug 2021 17:17

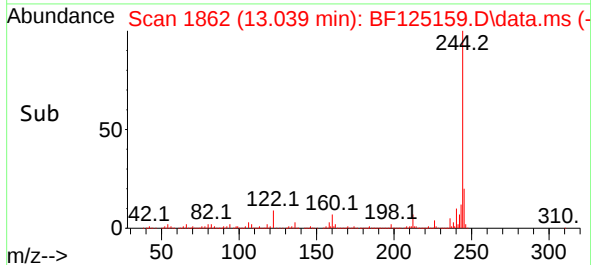
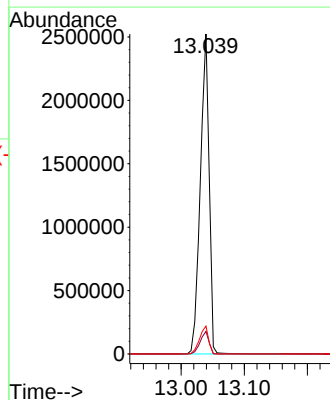
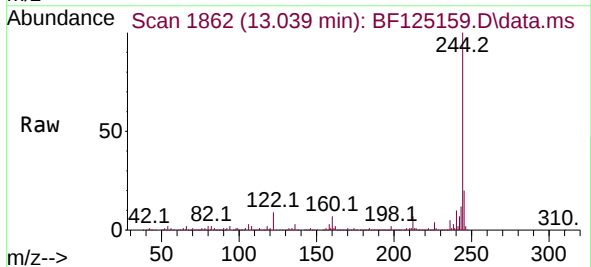
Instrument :
BNA_F
ClientSampleId :
PB138616TB

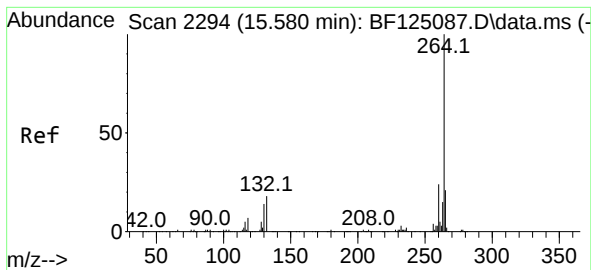
Tgt Ion:240 Resp: 506465
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 25.9 21.6 32.4



#79
Terphenyl-d14
Concen: 77.037 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BF125159.D
Acq: 23 Aug 2021 17:17

Tgt Ion:244 Resp: 2449098
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.7 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2296

Delta R.T. -0.006 min

Lab File: BF125159.D

Acq: 23 Aug 2021 17:17

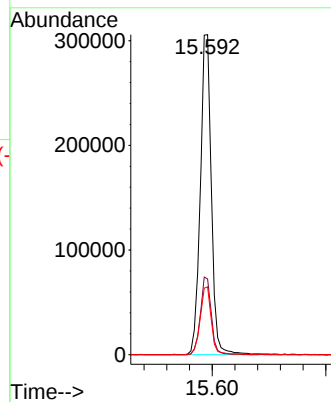
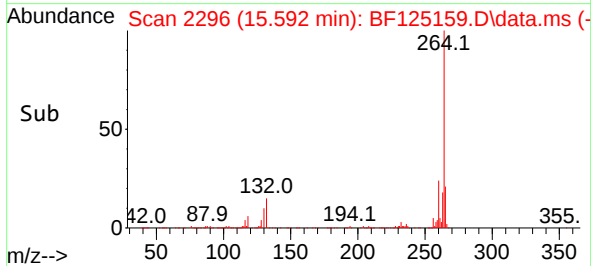
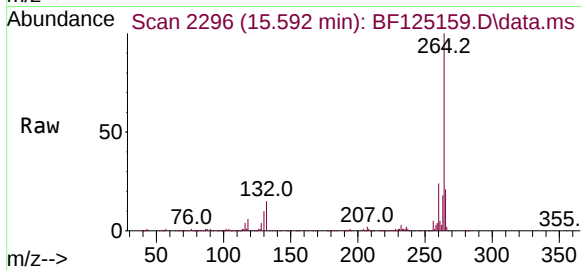
Tgt Ion:264 Resp: 415075

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 21.2 17.2 25.8



Instrument :

BNA_F

ClientSampleId :

PB138616TB