

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125515.D
 Acq On : 15 Sep 2021 21:07
 Operator : JU/CG
 Sample : M3684-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A001145

Quant Time: Sep 16 03:07:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 15 15:08:32 2021
 Response via : Initial Calibration

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

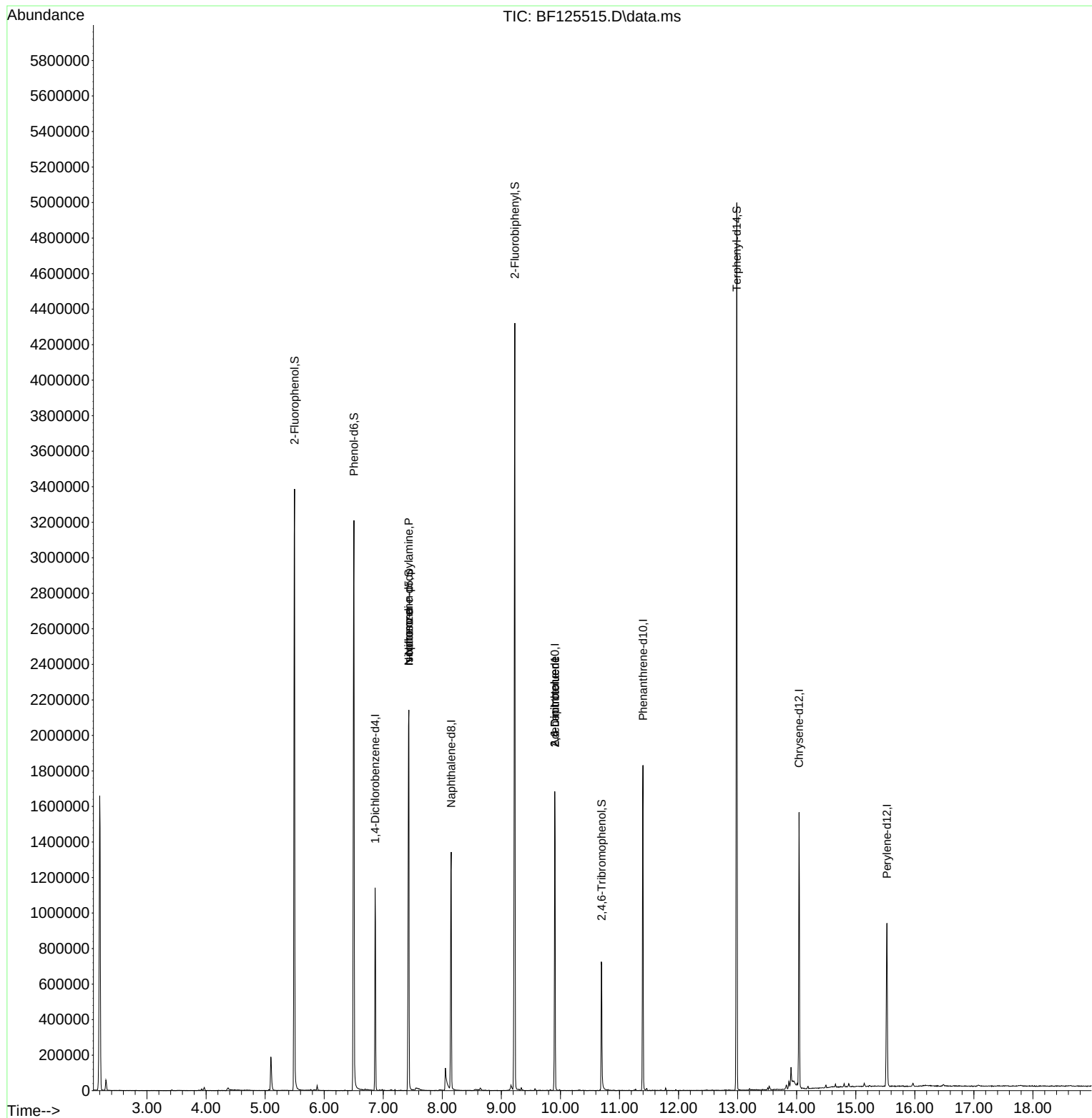
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	169228	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	662579	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	363072	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	677497	20.000	ng	0.00
76) Chrysene-d12	14.039	240	538883	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	428174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	909961	85.438	ng	0.00
7) Phenol-d6	6.504	99	1176954	83.145	ng	0.00
23) Nitrobenzene-d5	7.433	82	793322	59.117	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	105920	23.953	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1460530	59.028	ng	0.00
79) Terphenyl-d14	12.986	244	1867851	56.205	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	2137	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.433	70	107528	12.639	ng	# 54
25) Isophorone	7.433	82	787717	30.766	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	46652	8.020	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	46652	6.232	ng	# 20

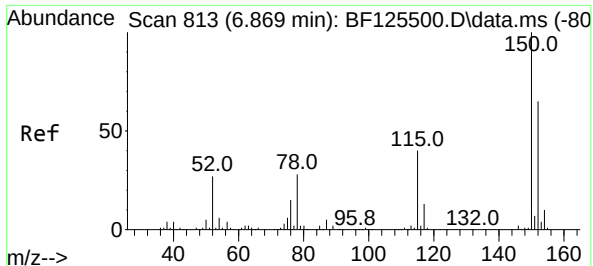
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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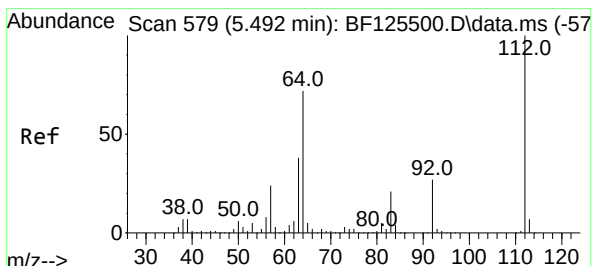
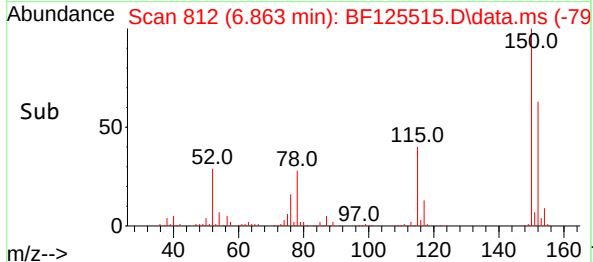
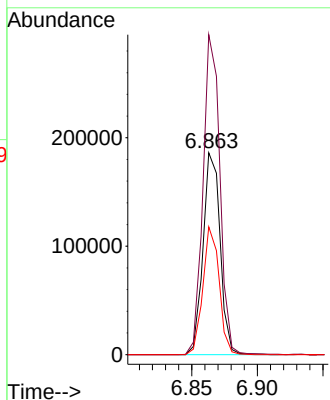
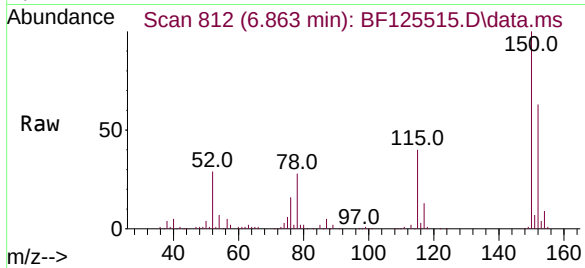




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125515.D
Acq: 15 Sep 2021 21:07

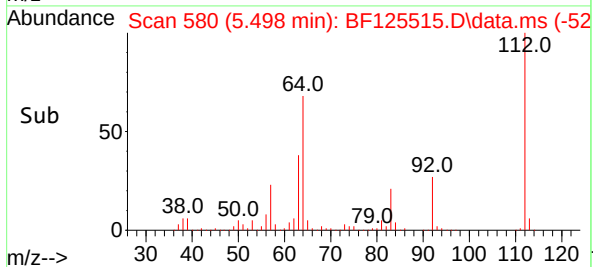
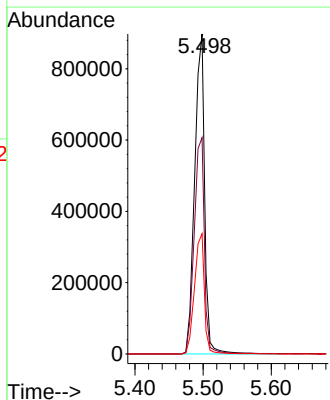
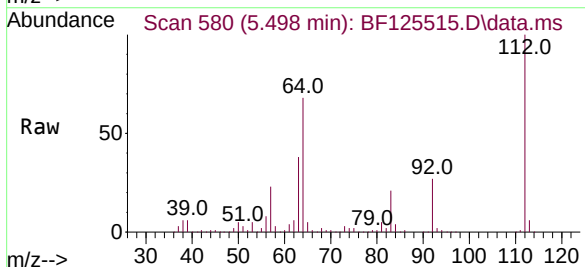
Instrument :
BNA_F
ClientSampleId :
A001145

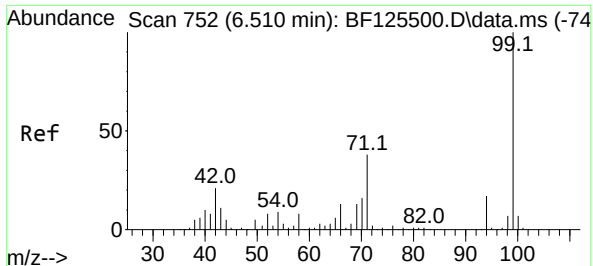
Tgt Ion:152 Resp: 169228
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 63.3 47.1 70.7



#5
2-Fluorophenol
Concen: 85.438 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF125515.D
Acq: 15 Sep 2021 21:07

Tgt Ion:112 Resp: 909961
Ion Ratio Lower Upper
112 100
64 67.6 44.2 66.2#
63 37.6 26.2 39.2

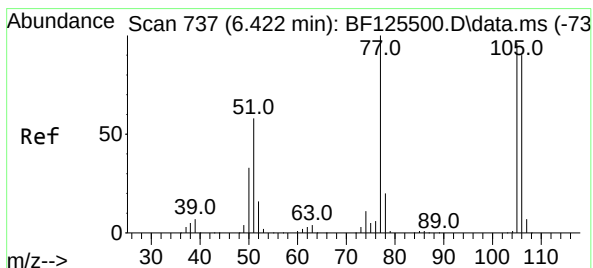
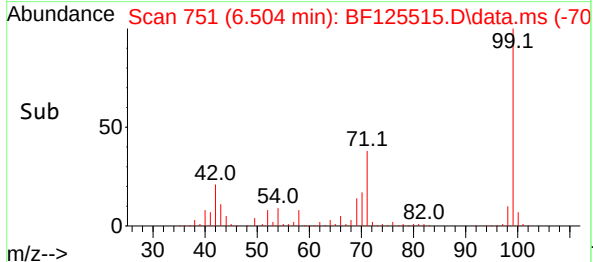
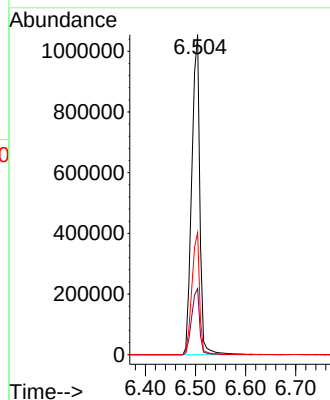
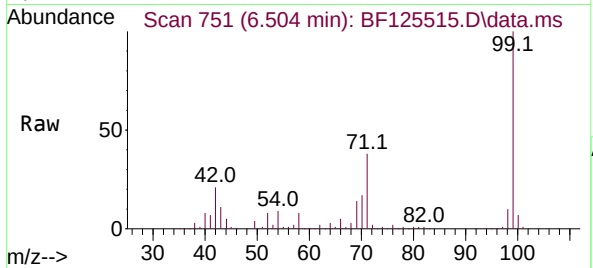




#7
Phenol-d6
Concen: 83.145 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125515.D
Acq: 15 Sep 2021 21:07

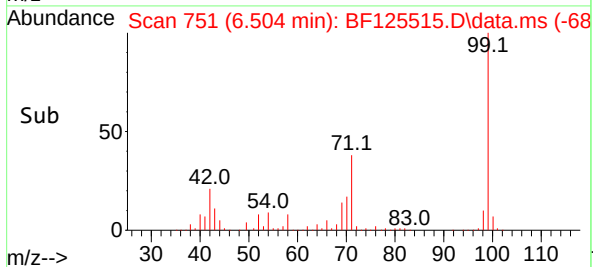
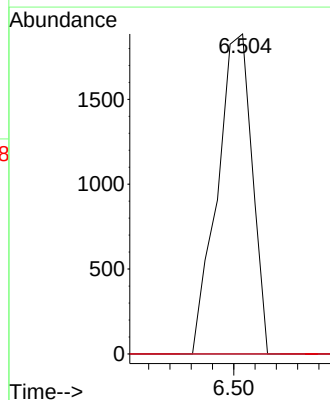
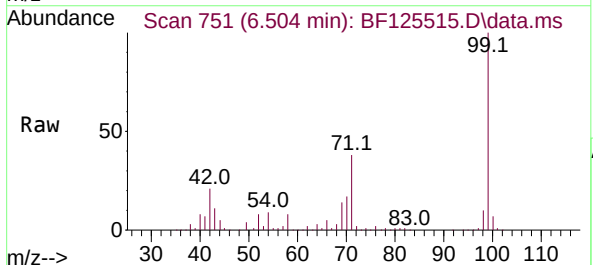
Instrument :
BNA_F
ClientSampleId :
A001145

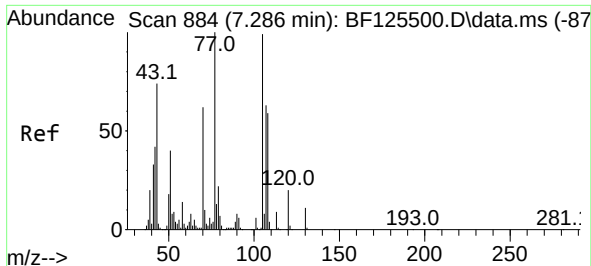
Tgt Ion: 99 Resp: 1176954
Ion Ratio Lower Upper
99 100
42 20.6 23.5 35.3#
71 38.2 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.082 min
Lab File: BF125515.D
Acq: 15 Sep 2021 21:07

Tgt Ion: 77 Resp: 2137
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

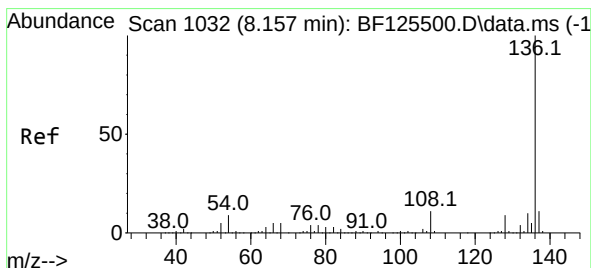
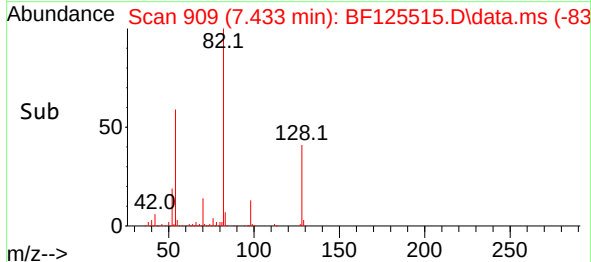
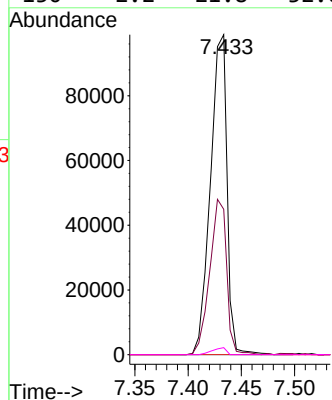
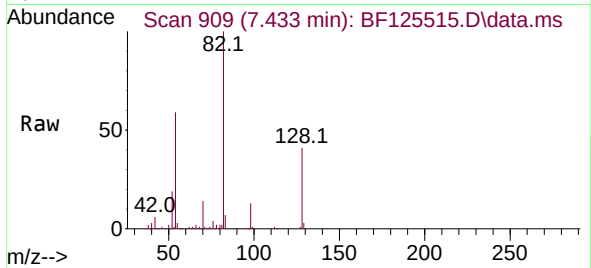




#19
n-Nitroso-di-n-propylamine
Concen: 12.639 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF125515.D
Acq: 15 Sep 2021 21:07

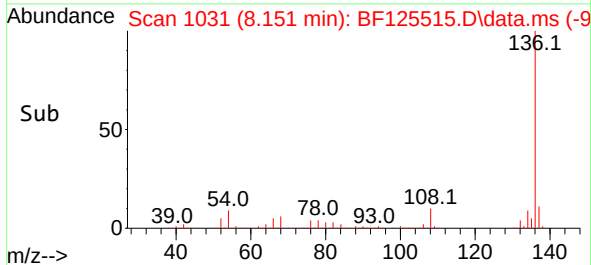
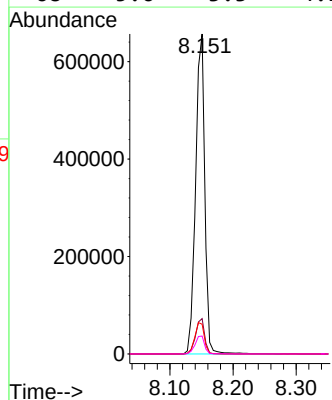
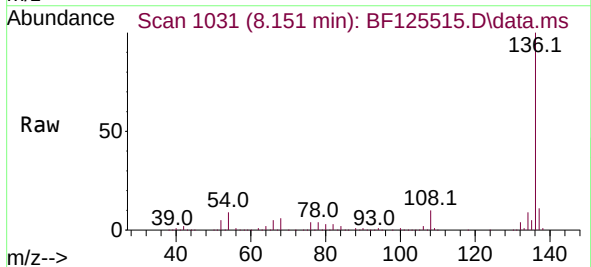
Instrument :
BNA_F
ClientSampleId :
A001145

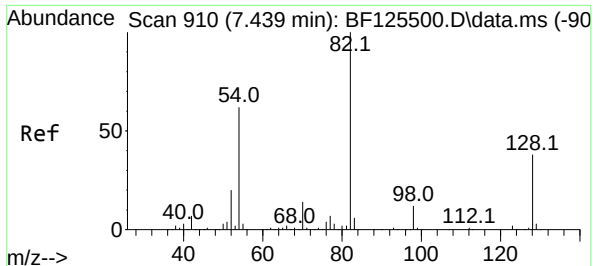
Tgt Ion: 70 Resp: 107528
Ion Ratio Lower Upper
70 100
42 45.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125515.D
Acq: 15 Sep 2021 21:07

Tgt Ion: 136 Resp: 662579
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 9.3 6.4 9.6
68 5.6 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 59.117 ng

RT: 7.433 min Scan# 909

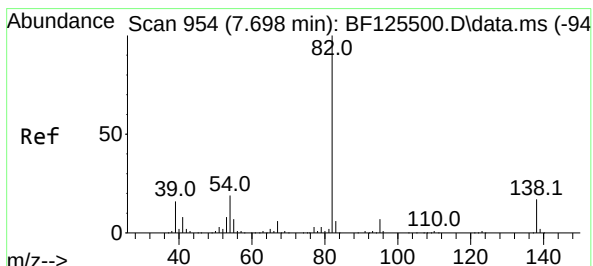
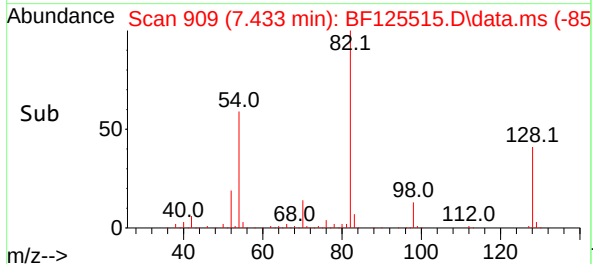
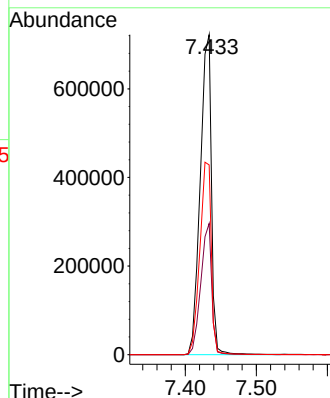
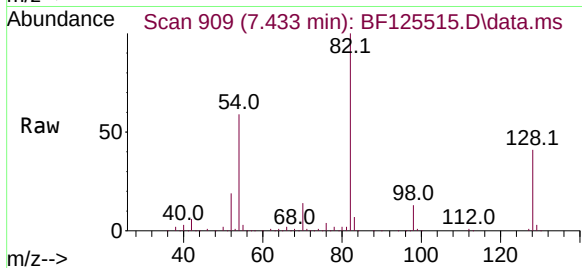
Delta R.T. -0.006 min

Lab File: BF125515.D

Acq: 15 Sep 2021 21:07

Tgt Ion: 82 Resp: 793322

Ion	Ratio	Lower	Upper
82	100		
128	41.0	40.6	60.8
54	59.3	49.6	74.4



#25

Isophorone

Concen: 30.766 ng

RT: 7.433 min Scan# 909

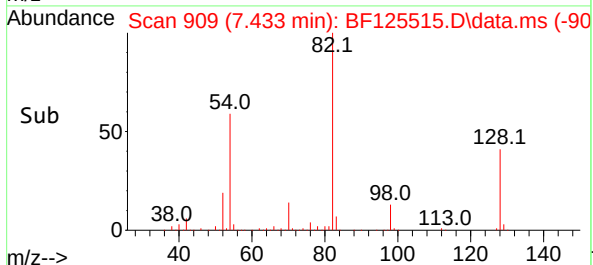
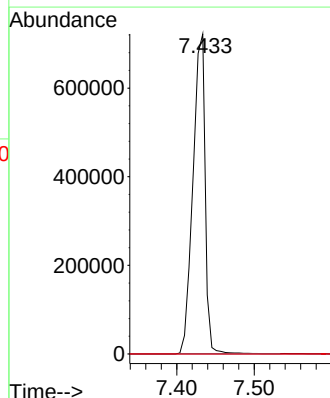
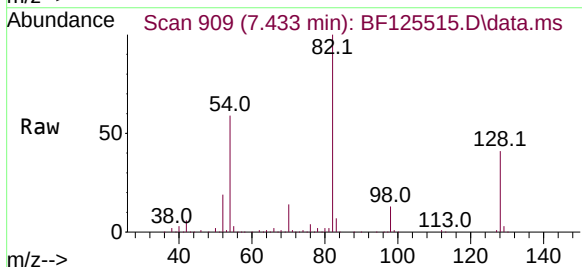
Delta R.T. -0.265 min

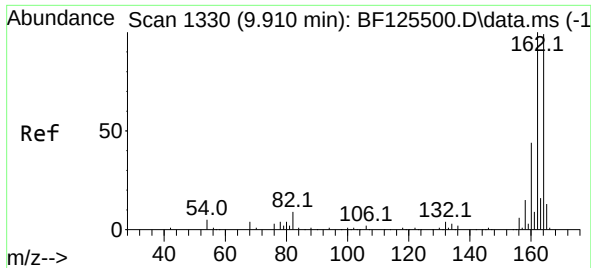
Lab File: BF125515.D

Acq: 15 Sep 2021 21:07

Tgt Ion: 82 Resp: 787717

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

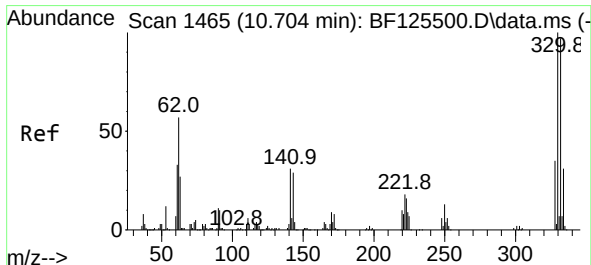
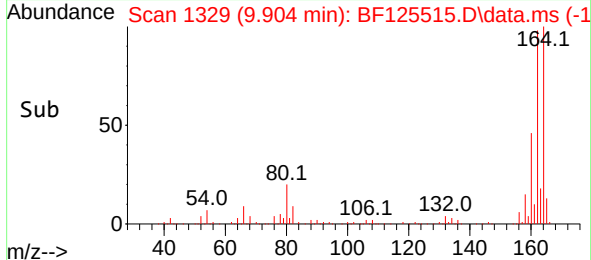
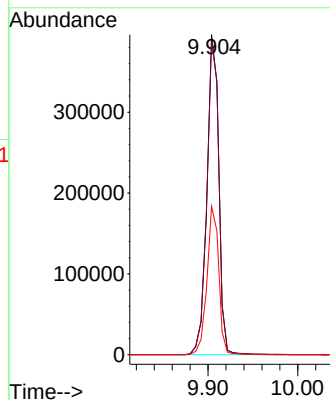
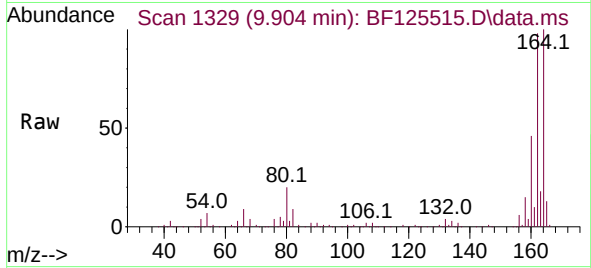




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125515.D
Acq: 15 Sep 2021 21:07

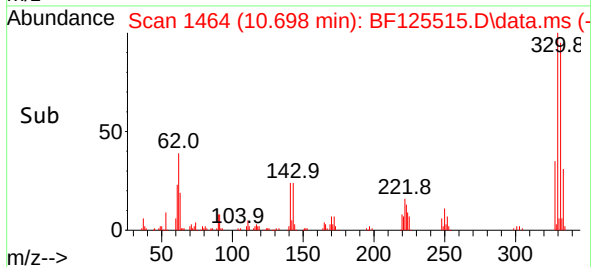
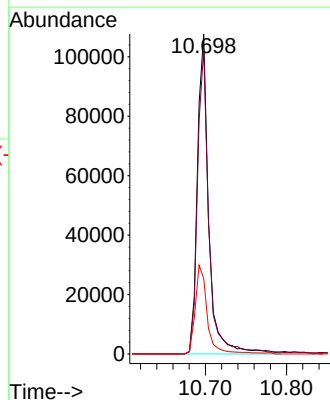
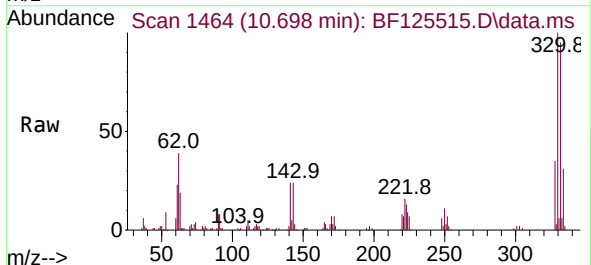
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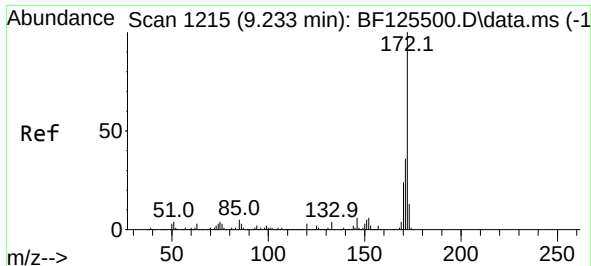
Tgt Ion:164 Resp: 363072
Ion Ratio Lower Upper
164 100
162 97.9 81.3 121.9
160 46.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 23.953 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF125515.D
Acq: 15 Sep 2021 21:07

Tgt Ion:330 Resp: 105920
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 29.3 44.6 66.8#

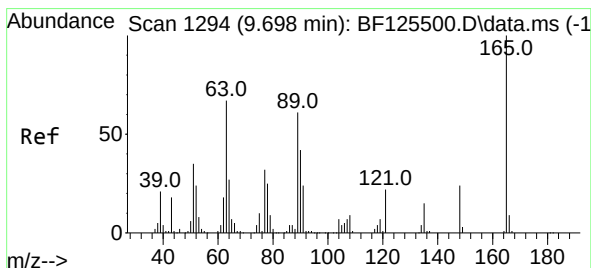
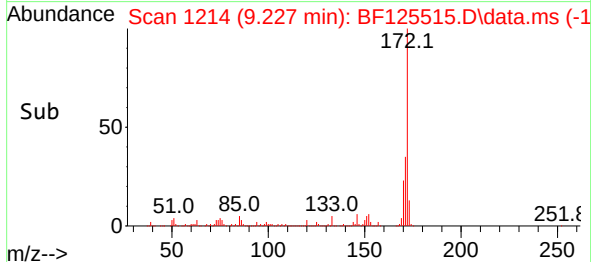
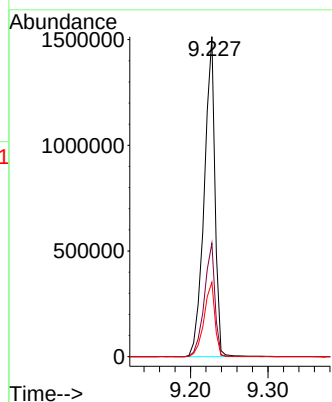
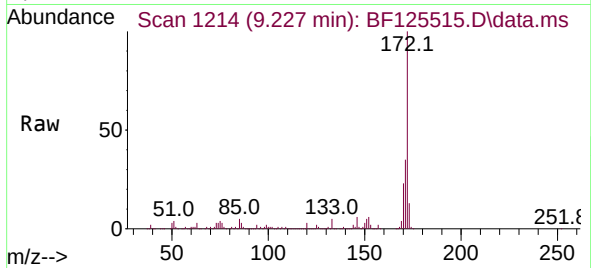




#45
2-Fluorobiphenyl
Concen: 59.028 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125515.D
Acq: 15 Sep 2021 21:07

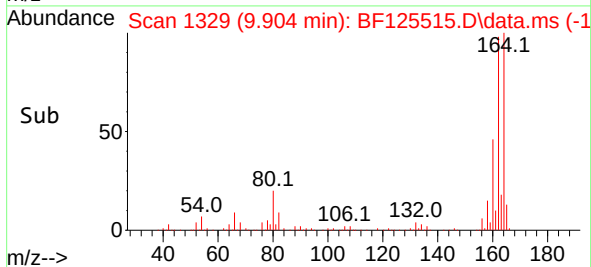
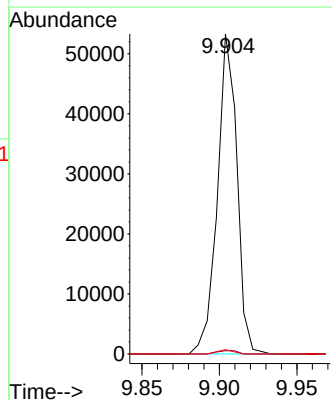
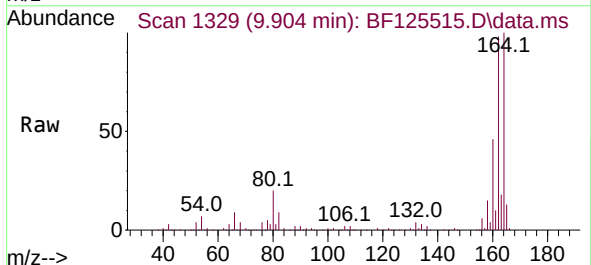
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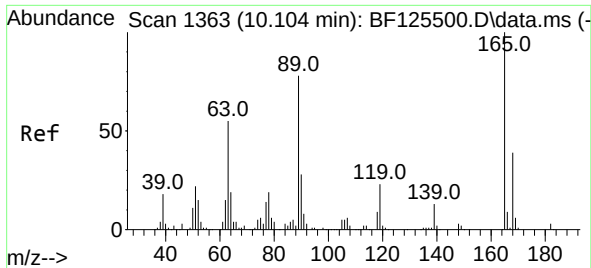
Tgt Ion:172 Resp: 1460530
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.2 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.020 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF125515.D
Acq: 15 Sep 2021 21:07

Tgt Ion:165 Resp: 46652
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.4 40.6 60.8#

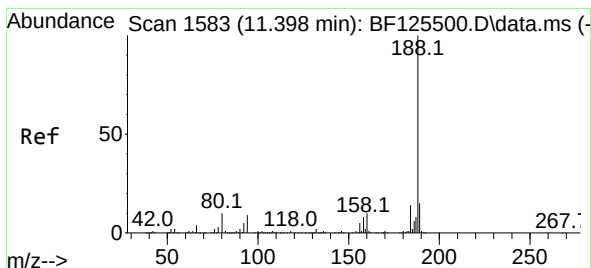
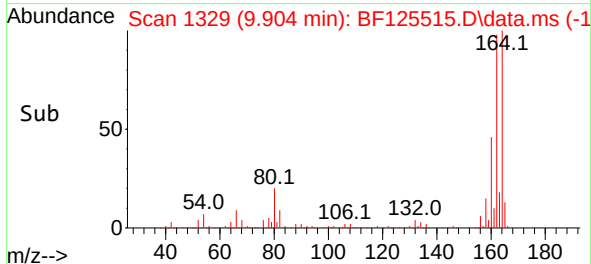
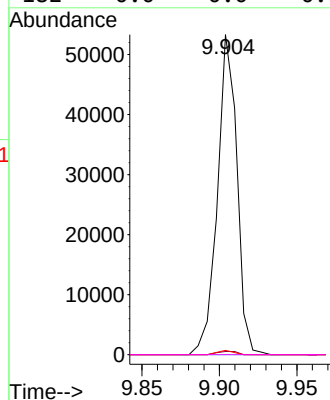
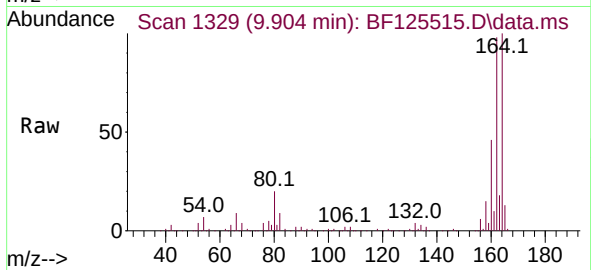




#57
2,4-Dinitrotoluene
Concen: 6.232 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF125515.D
Acq: 15 Sep 2021 21:07

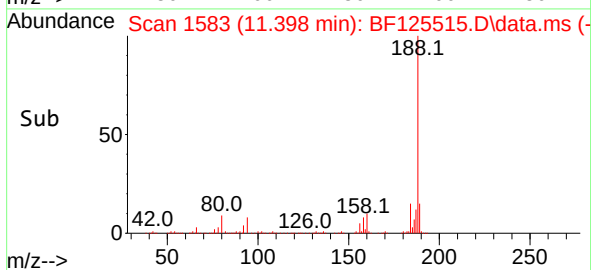
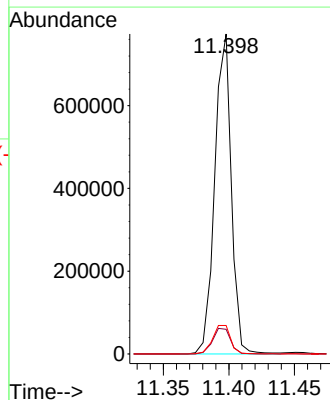
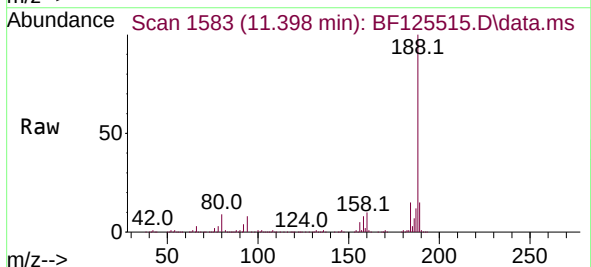
Instrument :
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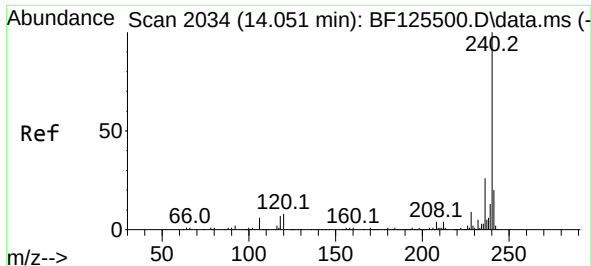
Tgt Ion:165	Resp:	46652
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.9 61.3#
89	1.4	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF125515.D
Acq: 15 Sep 2021 21:07

Tgt Ion:188	Resp:	677497
Ion Ratio	Lower	Upper
188	100	
94	7.7	6.7 10.1
80	8.9	7.5 11.3

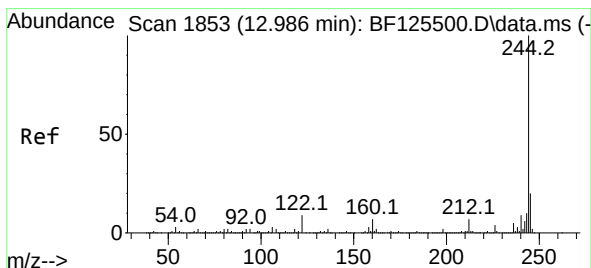
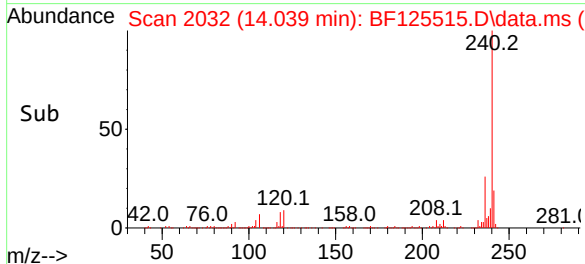
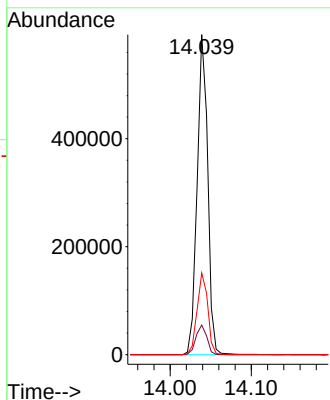
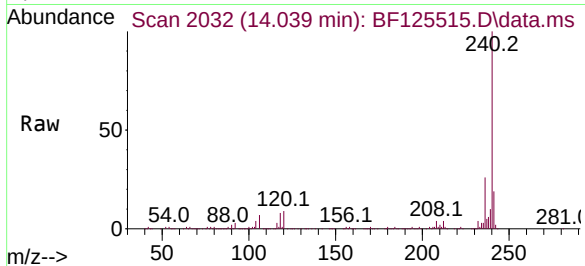




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125515.D
Acq: 15 Sep 2021 21:07

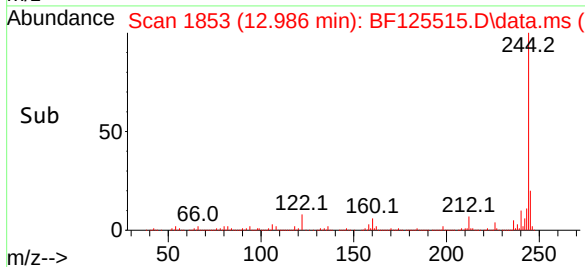
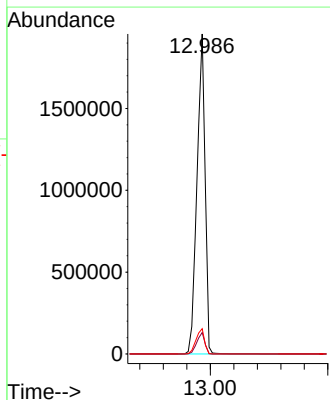
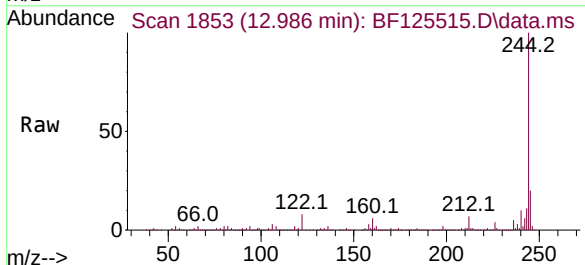
Instrument :
BNA_F
ClientSampleId :
A001145

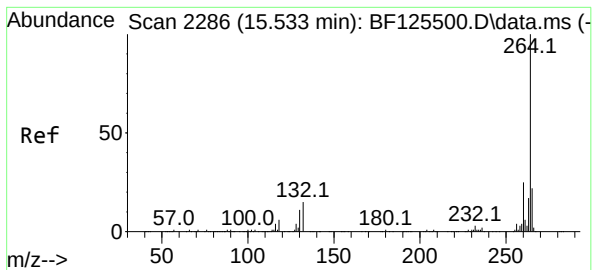
Tgt Ion:240 Resp: 538883
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 25.5 21.6 32.4



#79
Terphenyl-d14
Concen: 56.205 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF125515.D
Acq: 15 Sep 2021 21:07

Tgt Ion:244 Resp: 1867851
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 7.9 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF125515.D
 Acq: 15 Sep 2021 21:07

Instrument :
 BNA_F
 ClientSampleId :
 A001145

Tgt Ion:264	Resp:	428174
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.6 29.4
265	21.5	17.2 25.8

