

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125448.D
 Acq On : 13 Sep 2021 17:28
 Operator : JU/CG
 Sample : M3684-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-210908A

Quant Time: Sep 14 03:29:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

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

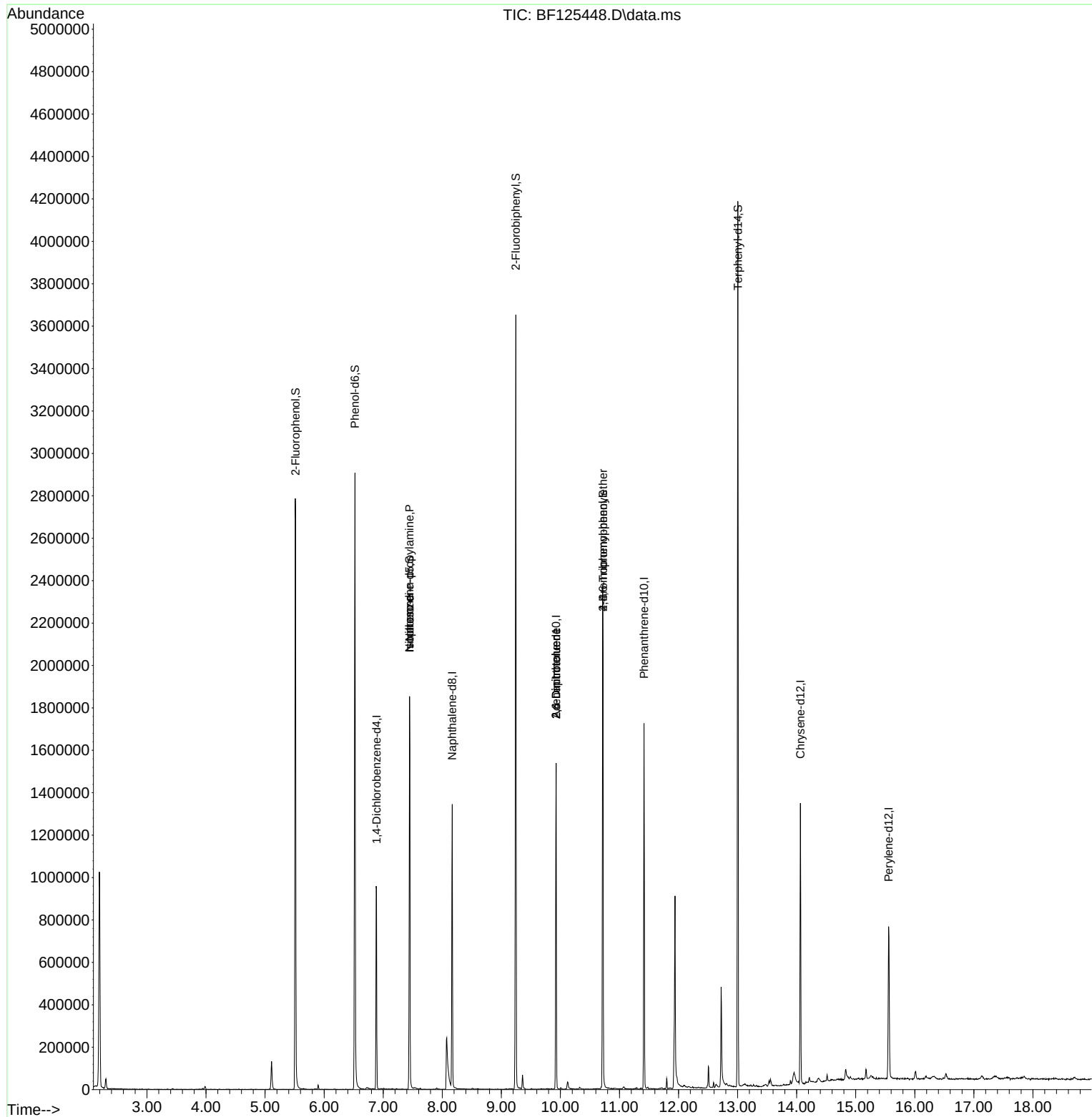
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	148052	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	575615	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	310598	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	591215	20.000	ng	0.00
76) Chrysene-d12	14.063	240	459346	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	334488	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	760116	77.710	ng	0.00
7) Phenol-d6	6.522	99	951786	75.237	ng	-0.01
23) Nitrobenzene-d5	7.445	82	617529	54.010	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	312531	100.802	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1138930	51.107	ng	0.00
79) Terphenyl-d14	13.004	244	1407049	48.799	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	83144	10.927	ng	# 57
25) Isophorone	7.445	82	613498	27.814	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	39552	8.474	ng	# 27
57) 2,4-Dinitrotoluene	9.928	165	39552	7.002	ng	# 19
67) 4-Bromophenyl-phenylether	10.722	248	19183	2.702	ng	# 1

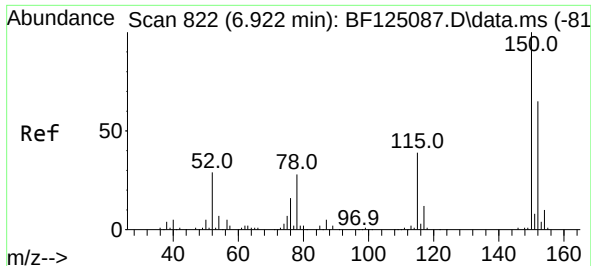
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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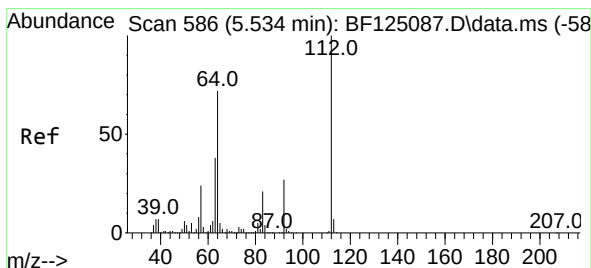
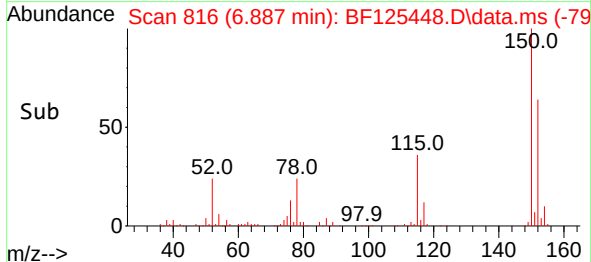
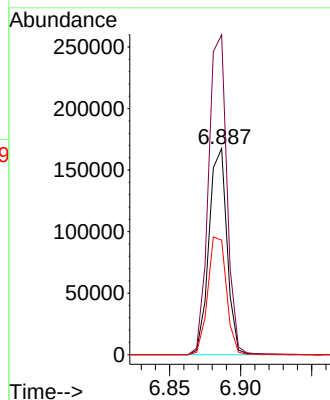
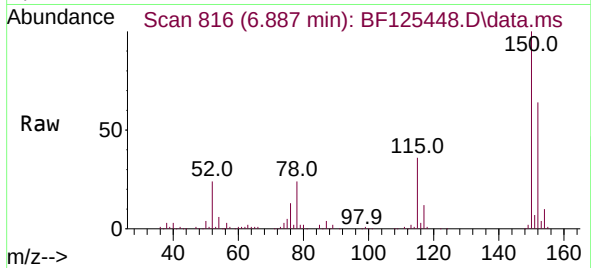




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28

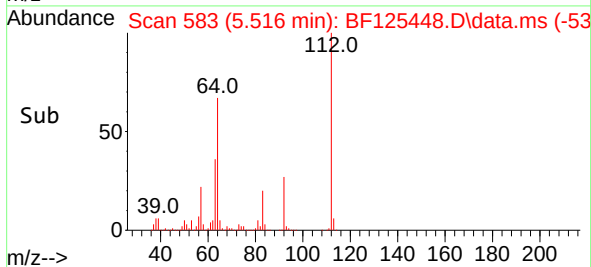
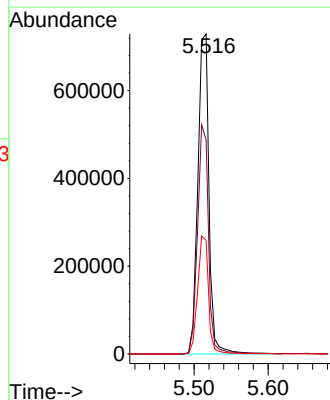
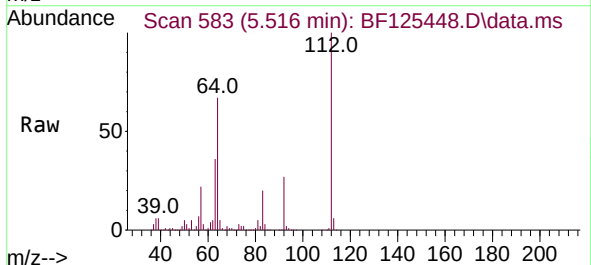
Instrument :
BNA_F
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DUP-210908A

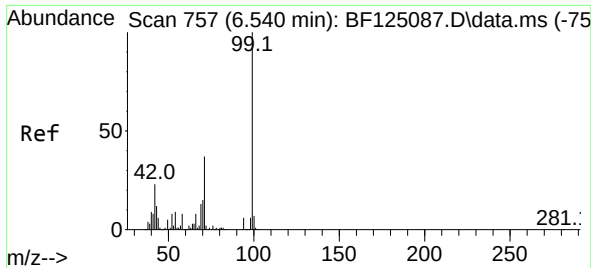
Tgt Ion:152 Resp: 148052
Ion Ratio Lower Upper
152 100
150 155.2 117.6 176.4
115 55.6 47.1 70.7



#5
2-Fluorophenol
Concen: 77.710 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28

Tgt Ion:112 Resp: 760116
Ion Ratio Lower Upper
112 100
64 66.9 44.2 66.2#
63 35.5 26.2 39.2

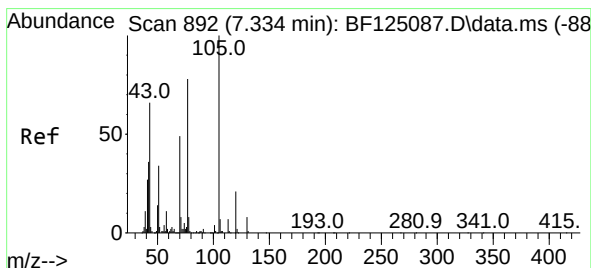
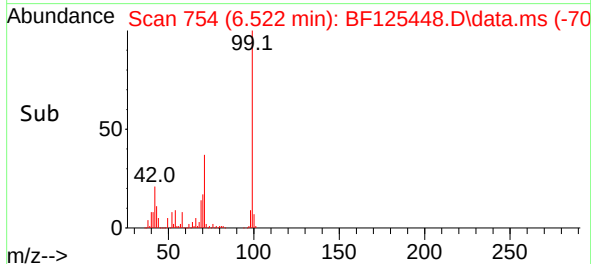
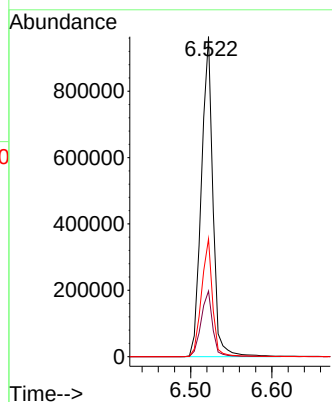
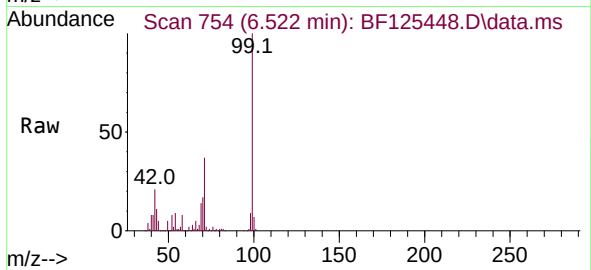




#7
Phenol-d6
Concen: 75.237 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28

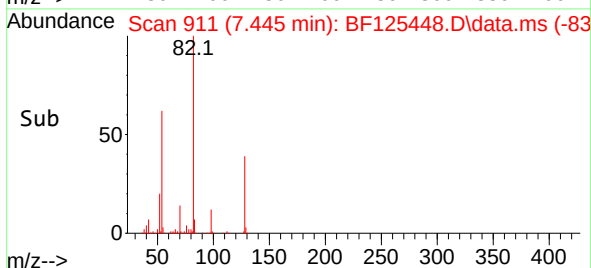
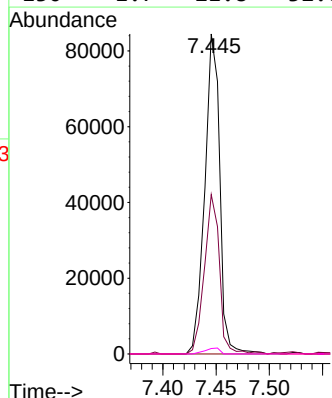
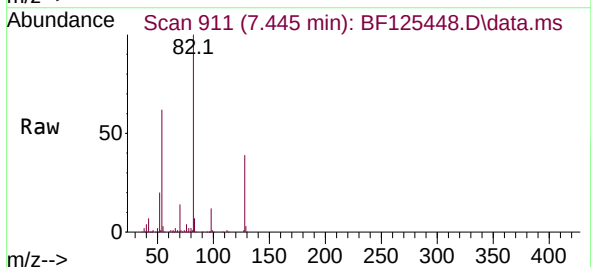
Instrument :
BNA_F
ClientSampleId :
DUP-210908A

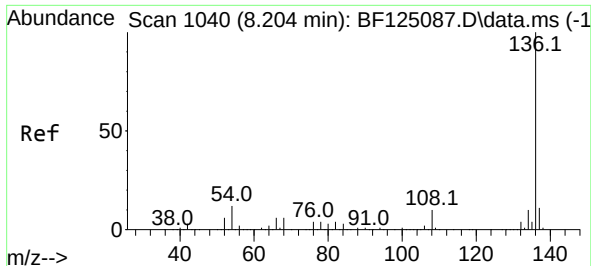
Tgt Ion: 99 Resp: 951786
Ion Ratio Lower Upper
99 100
42 20.5 23.5 35.3#
71 36.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.927 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.136 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28

Tgt Ion: 70 Resp: 83144
Ion Ratio Lower Upper
70 100
42 49.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

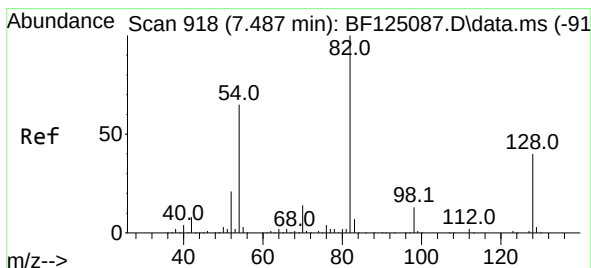
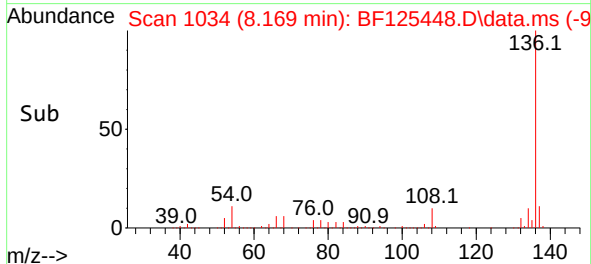
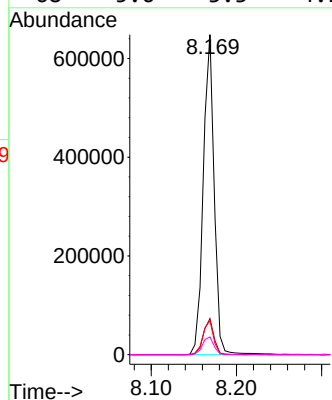
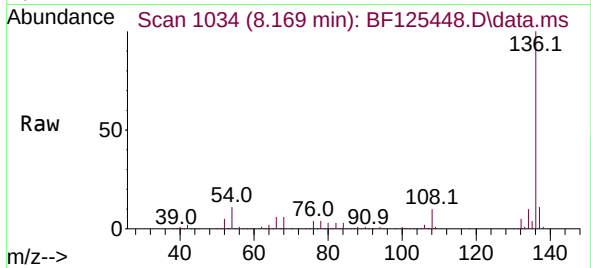




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28

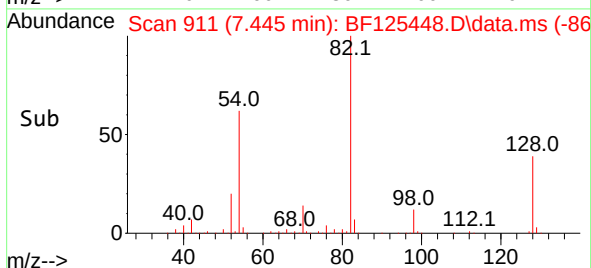
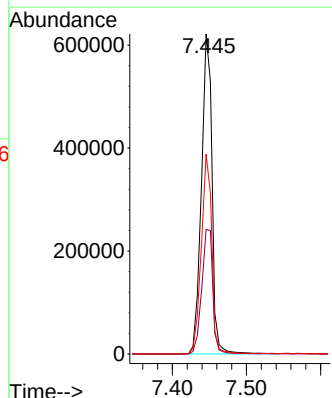
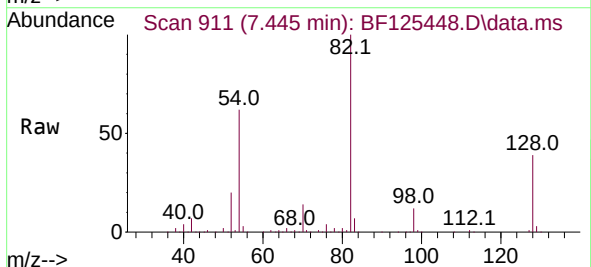
Instrument :
BNA_F
ClientSampleId :
DUP-210908A

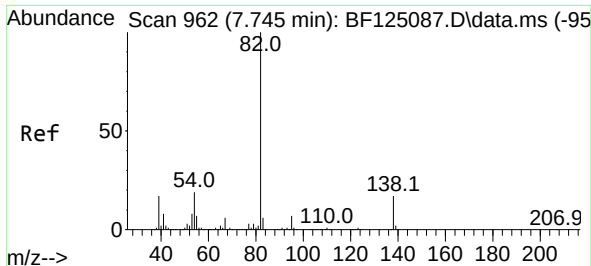
Tgt Ion:136	Resp: 575615
Ion Ratio	Lower Upper
136 100	
137 11.3	9.8 14.6
54 10.6	6.4 9.6#
68 5.6	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 54.010 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28

Tgt Ion: 82	Resp: 617529
Ion Ratio	Lower Upper
82 100	
128 38.9	40.6 60.8#
54 62.4	49.6 74.4

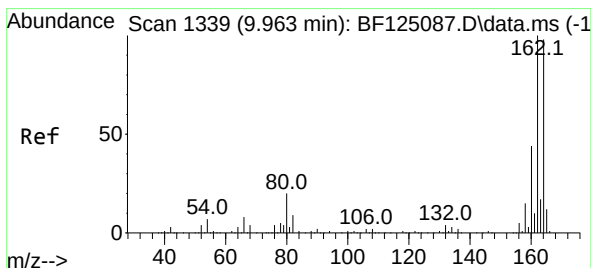
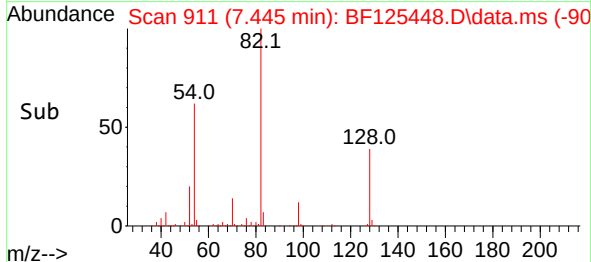
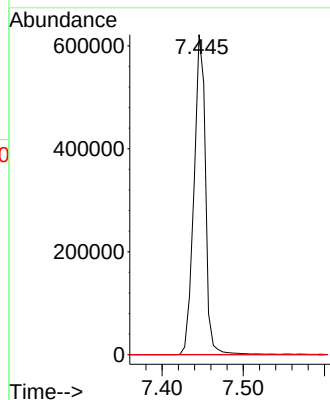
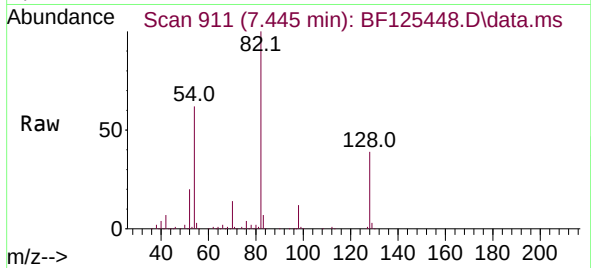




#25
Isophorone
Concen: 27.814 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.270 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28

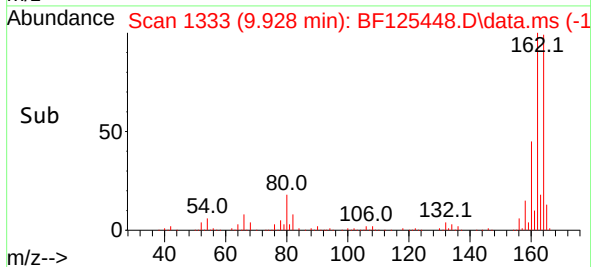
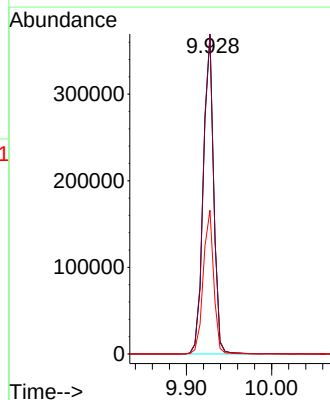
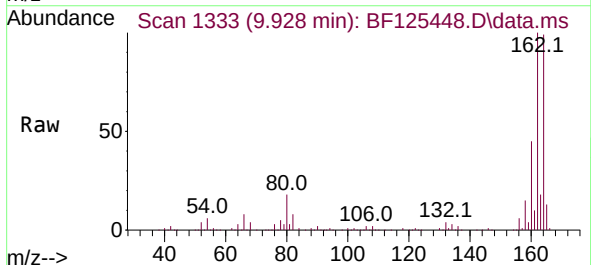
Instrument :
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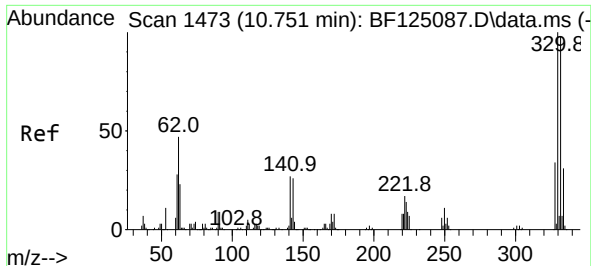
Tgt Ion: 82 Resp: 613498
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28

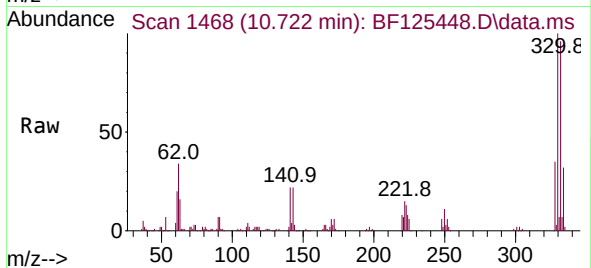
Tgt Ion: 164 Resp: 310598
Ion Ratio Lower Upper
164 100
162 100.6 81.3 121.9
160 45.2 38.0 57.0



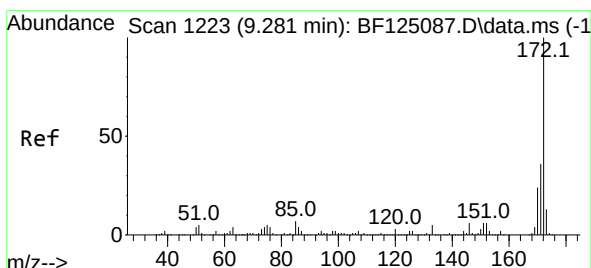
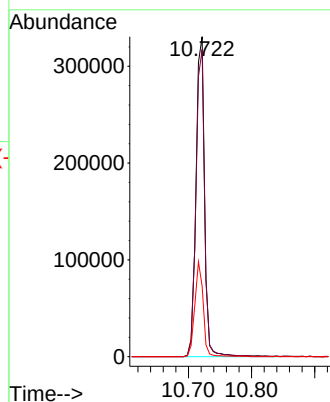
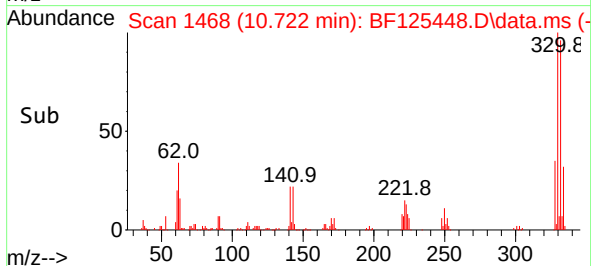


#42
2,4,6-Tribromophenol
Concen: 100.802 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28

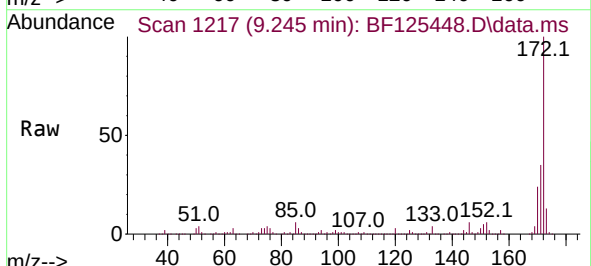
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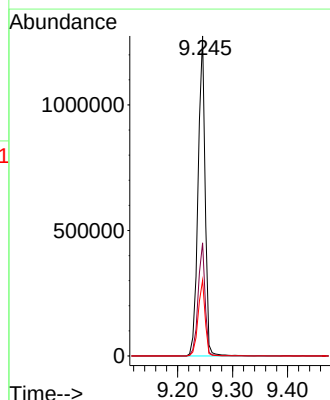
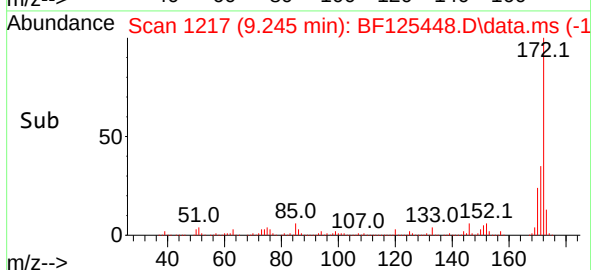
Tgt Ion: 330 Resp: 312531
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 29.1 44.6 66.8#

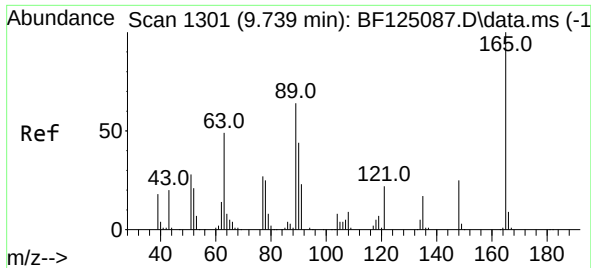


#45
2-Fluorobiphenyl
Concen: 51.107 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28



Tgt Ion: 172 Resp: 1138930
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.6 18.8 28.2

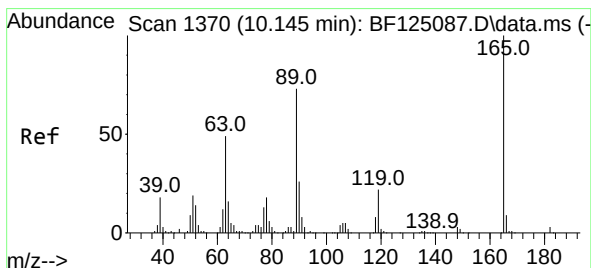
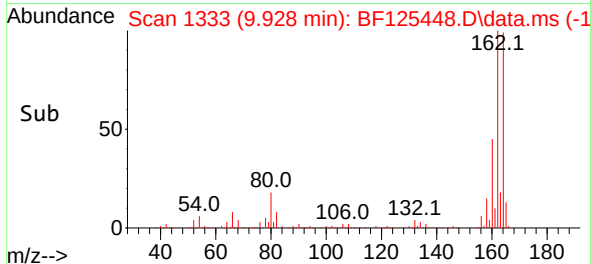
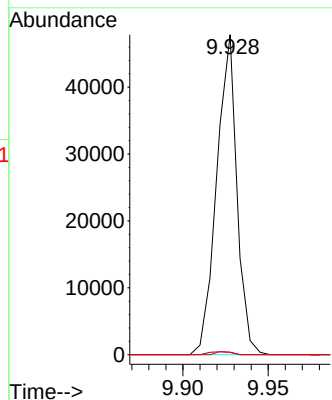
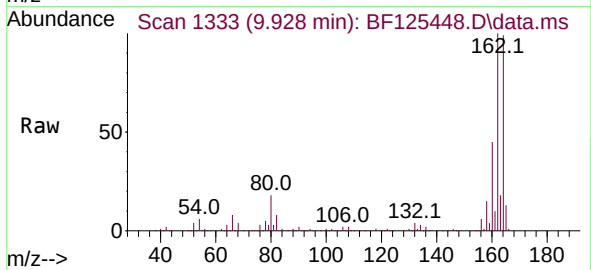




#51
2,6-Dinitrotoluene
Concen: 8.474 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28

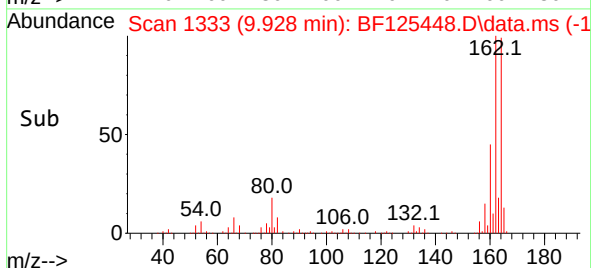
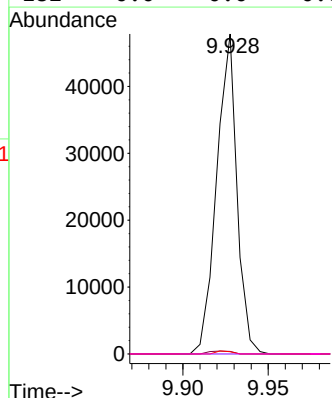
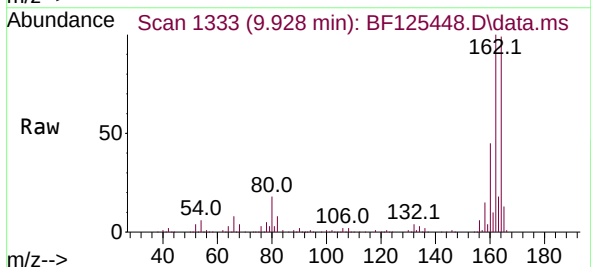
Instrument :
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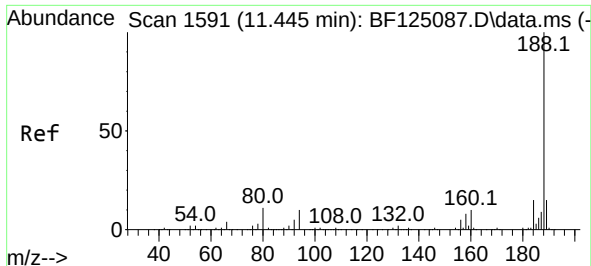
Tgt Ion:165 Resp: 39552
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.002 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28

Tgt Ion:165 Resp: 39552
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 0.7 59.7 89.5#
182 0.0 0.0 0.0

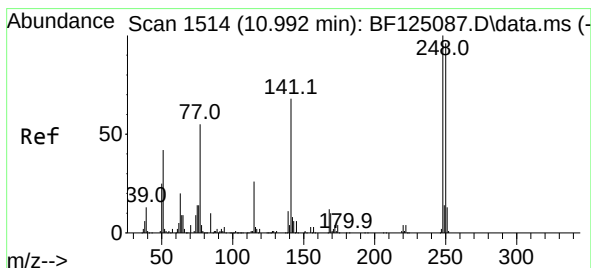
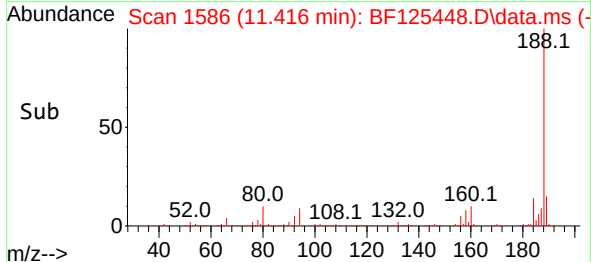
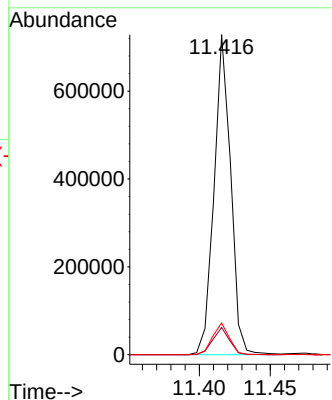
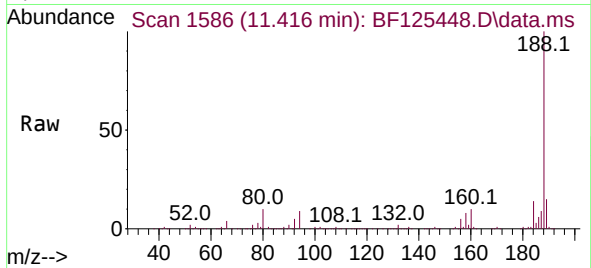




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28

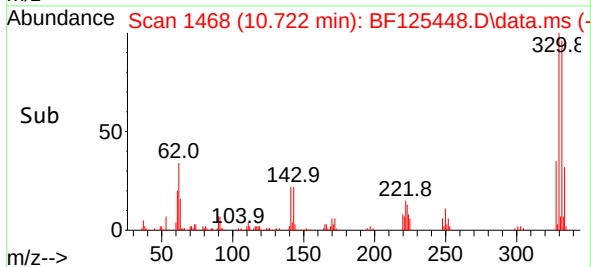
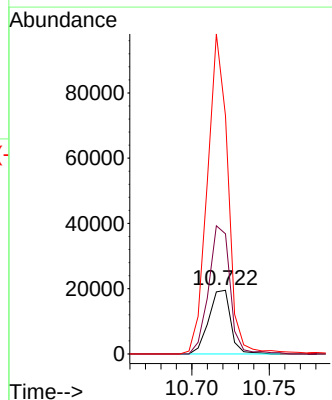
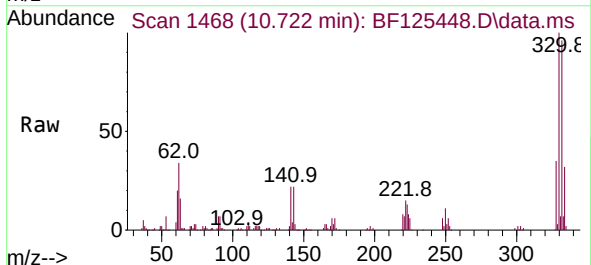
Instrument :
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DUP-210908A

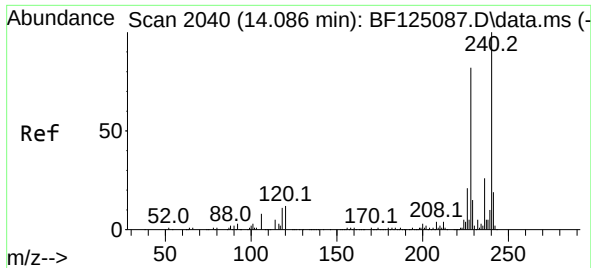
Tgt Ion:188 Resp: 591215
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.702 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28

Tgt Ion:248 Resp: 19183
Ion Ratio Lower Upper
248 100
250 188.6 74.2 111.4#
141 374.1 60.4 90.6#

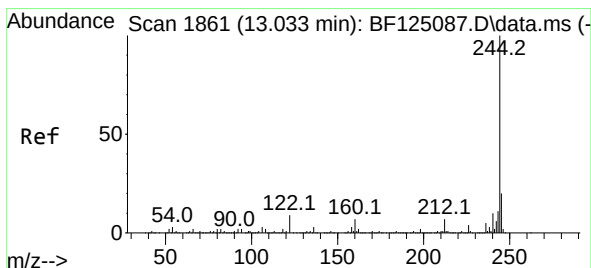
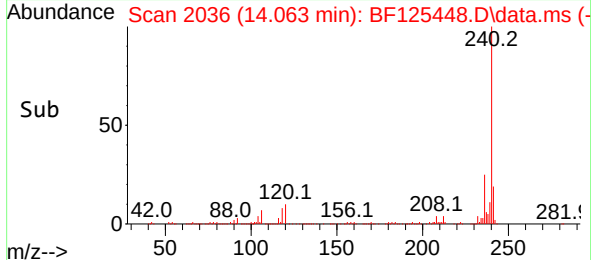
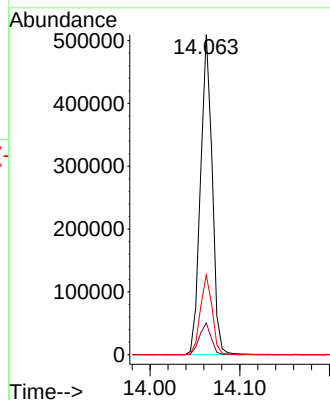
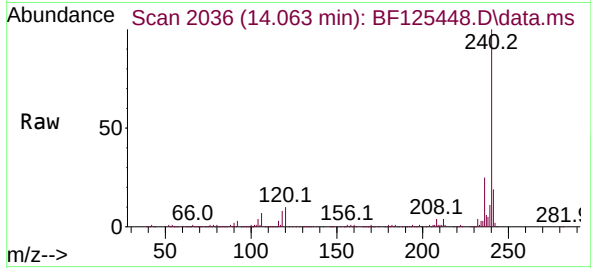




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28

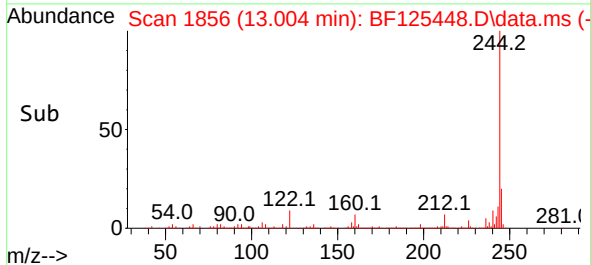
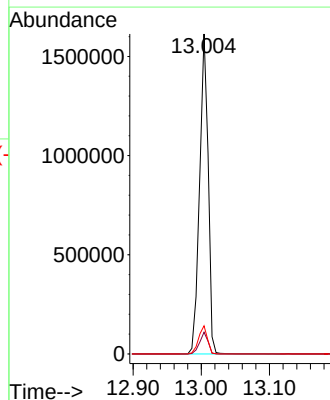
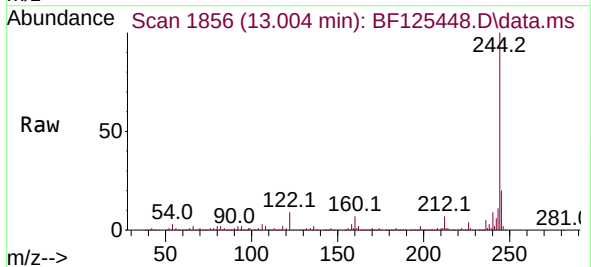
Instrument :
BNA_F
ClientSampleId :
DUP-210908A

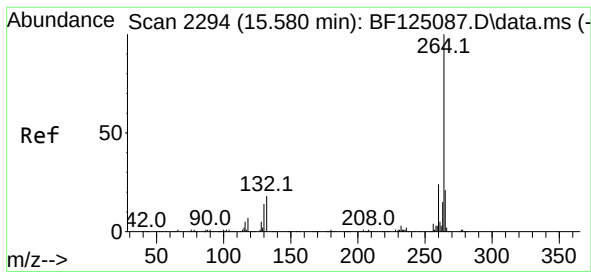
Tgt Ion:240 Resp: 459346
Ion Ratio Lower Upper
240 100
120 9.9 10.8 16.2#
236 24.9 21.6 32.4



#79
Terphenyl-d14
Concen: 48.799 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28

Tgt Ion:244 Resp: 1407049
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.8 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BF125448.D
Acq: 13 Sep 2021 17:28

Instrument :
BNA_F
ClientSampleId :
DUP-210908A

Tgt Ion:264	Resp:	334488
Ion Ratio	Lower	Upper
264	100	
260	24.9	19.6 29.4
265	22.4	17.2 25.8

