

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
 Data File : BF125099.D
 Acq On : 18 Aug 2021 21:20
 Operator : JU/CG
 Sample : M3441-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Quant Time: Aug 19 06:48:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

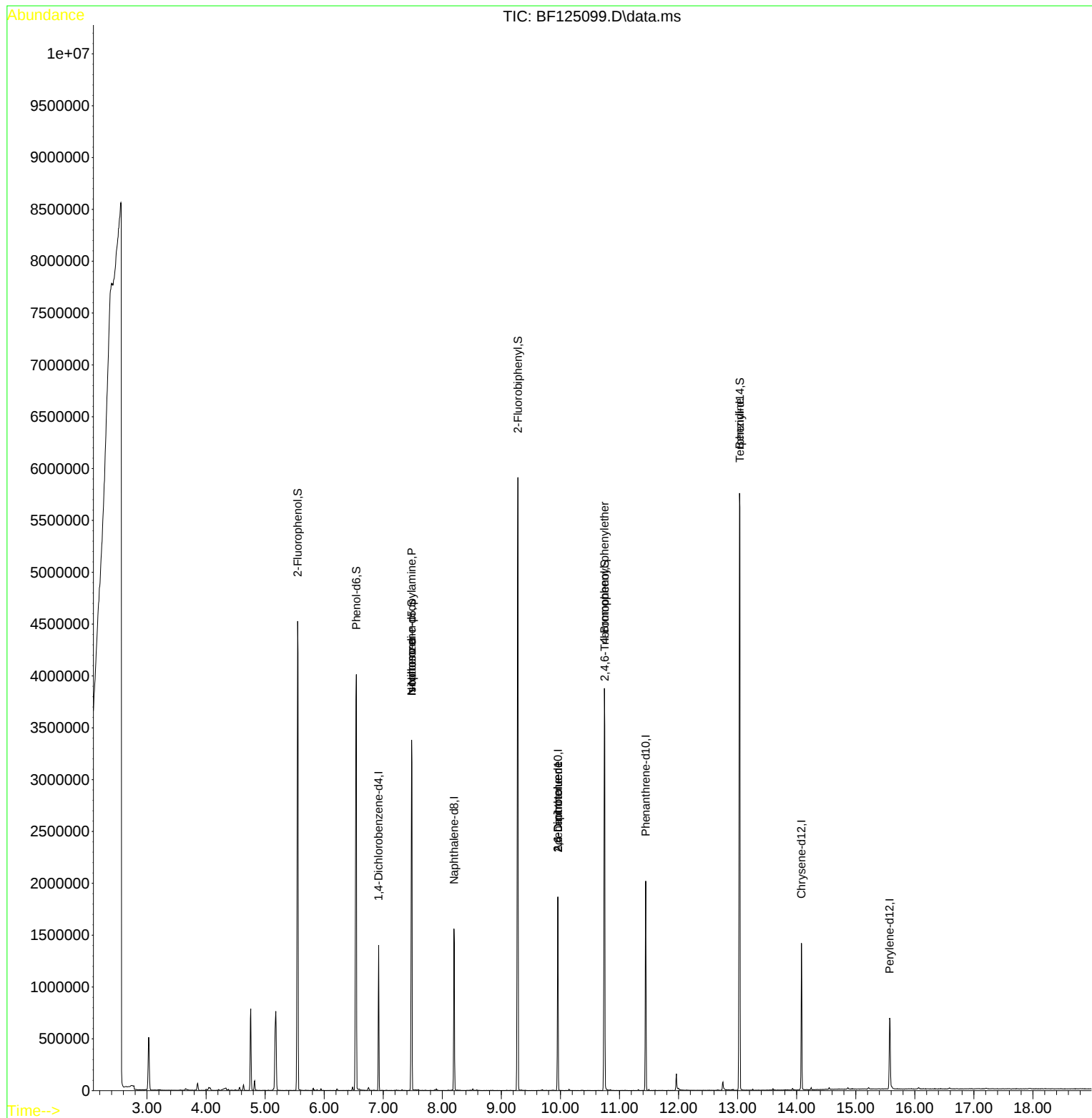
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	178030	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	692645	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	372781	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	677044	20.000	ng	0.00
76) Chrysene-d12	14.080	240	458128	20.000	ng	0.00
86) Perylene-d12	15.574	264	342236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1331928	113.240	ng	0.02
7) Phenol-d6	6.545	99	1528570	100.484	ng	0.00
23) Nitrobenzene-d5	7.481	82	1204420	87.542	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	544331	146.279	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	2010949	75.184	ng	0.00
79) Terphenyl-d14	13.039	244	2428056	84.433	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	163787	17.901	ng	# 59
25) Isophorone	7.481	82	1204404	45.378	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	47214	8.429	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	47214	6.964	ng	# 20
67) 4-Bromophenyl-phenylether	10.745	248	33942	4.175	ng	# 1
77) Benzidine	13.033	184	32066	2.004	ng	96

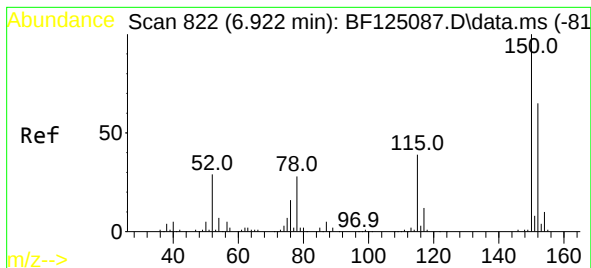
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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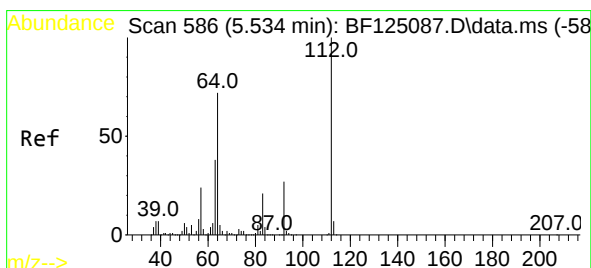
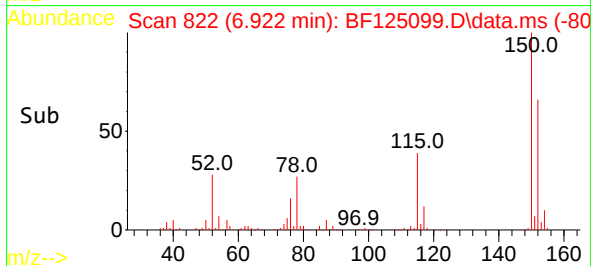
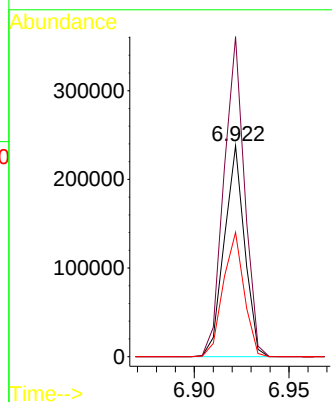
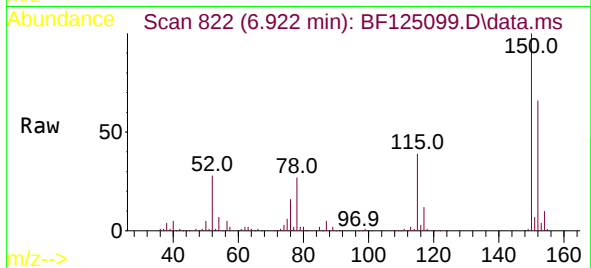




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

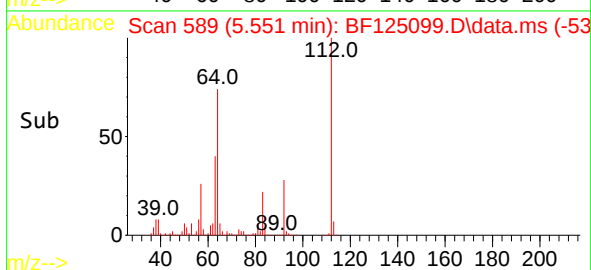
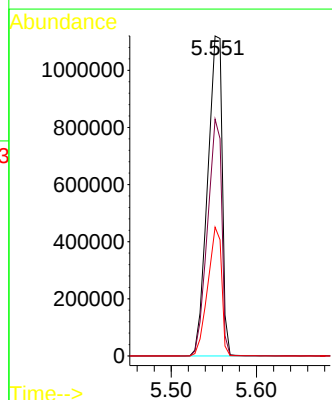
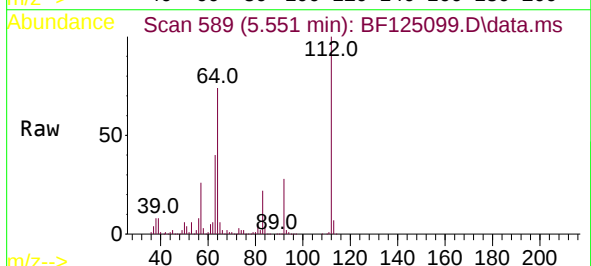
Instrument :
BNA_F
ClientSampleId :
WC-5

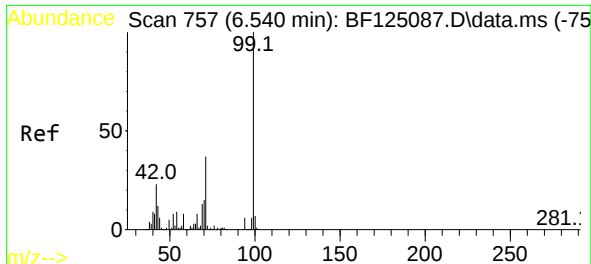
Tgt Ion:152 Resp: 178030
Ion Ratio Lower Upper
152 100
150 151.6 117.6 176.4
115 58.9 47.1 70.7



#5
2-Fluorophenol
Concen: 113.240 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.018 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

Tgt Ion:112 Resp: 1331928
Ion Ratio Lower Upper
112 100
64 74.0 44.2 66.2#
63 40.3 26.2 39.2#

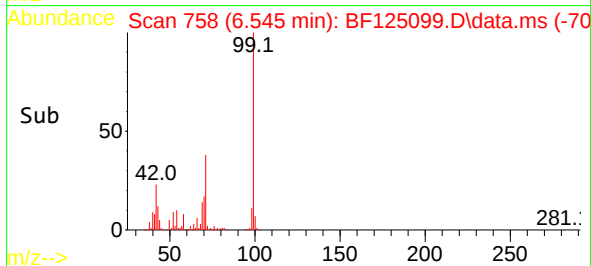
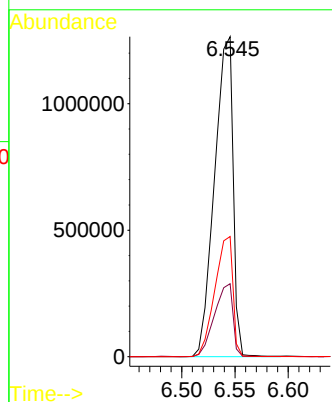
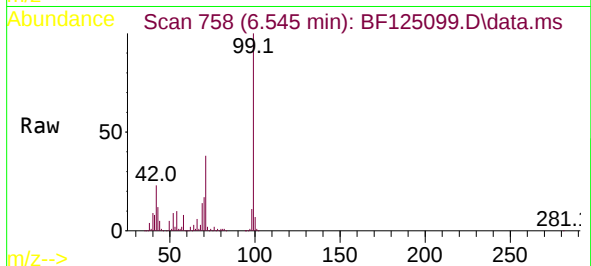




#7
Phenol-d6
Concen: 100.484 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

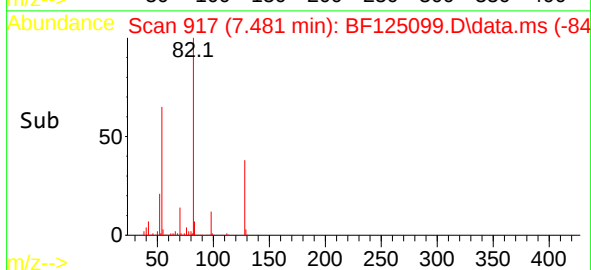
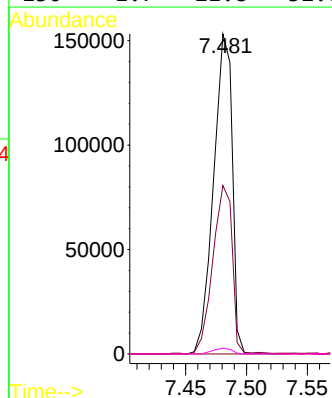
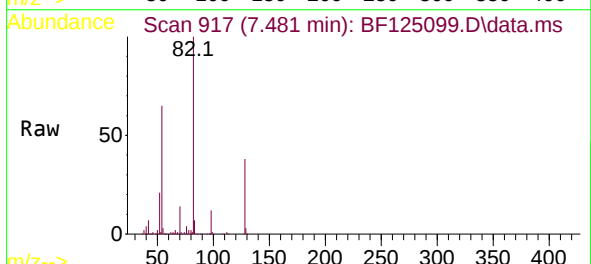
Instrument :
BNA_F
ClientSampleId :
WC-5

Tgt Ion: 99 Resp: 1528570
Ion Ratio Lower Upper
99 100
42 22.8 23.5 35.3#
71 37.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.901 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

Tgt Ion: 70 Resp: 163787
Ion Ratio Lower Upper
70 100
42 52.6 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

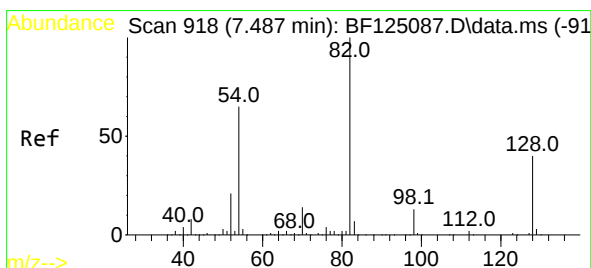
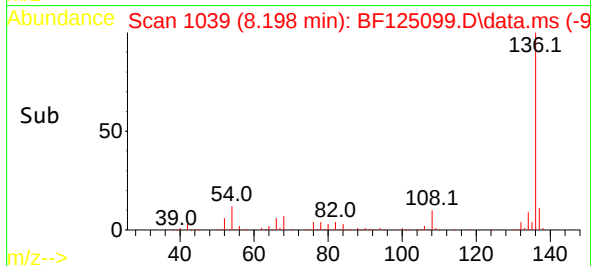
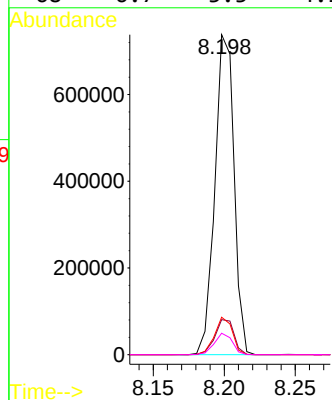
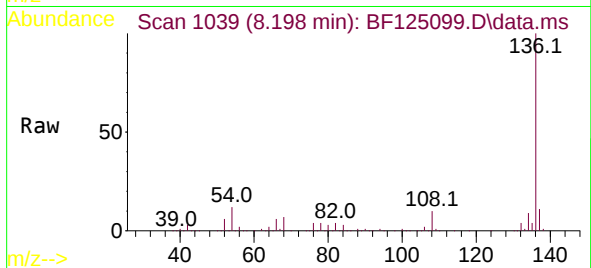




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

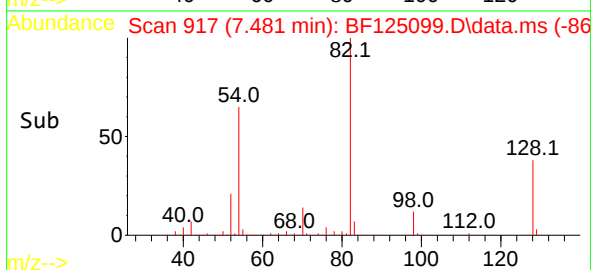
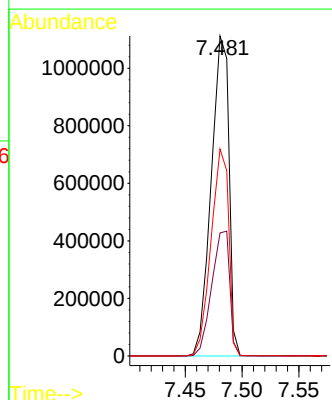
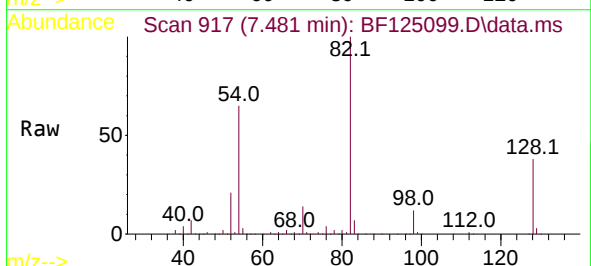
Instrument :
BNA_F
ClientSampleId :
WC-5

Tgt Ion:136 Resp: 692645
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 11.7 6.4 9.6#
68 6.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 87.542 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

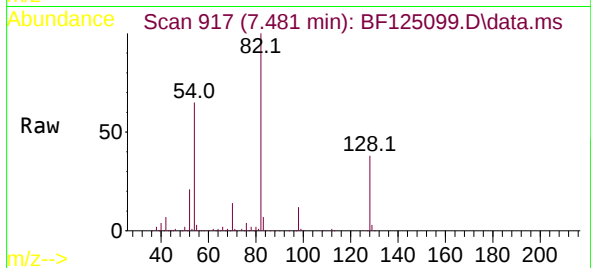
Tgt Ion: 82 Resp: 1204420
Ion Ratio Lower Upper
82 100
128 38.5 40.6 60.8#
54 64.7 49.6 74.4



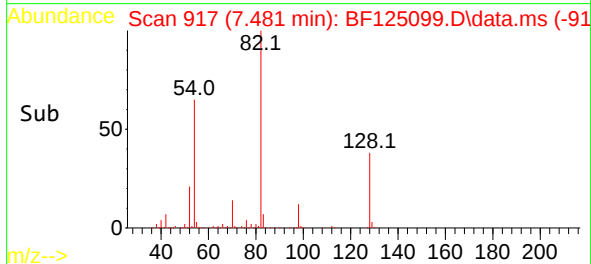
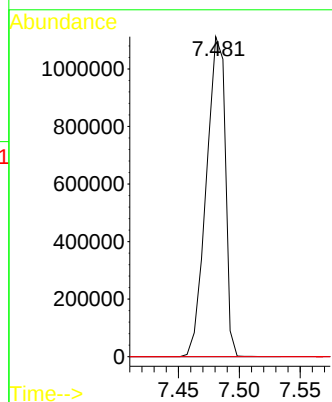


#25
Isophorone
Concen: 45.378 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

Instrument :
BNA_F
ClientSampleId :
WC-5

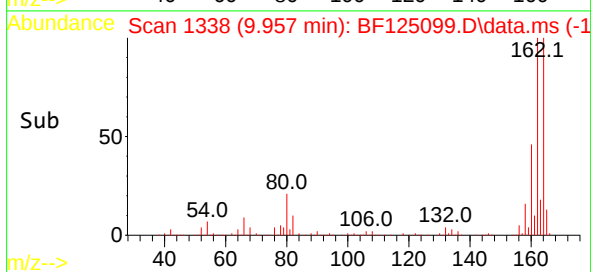
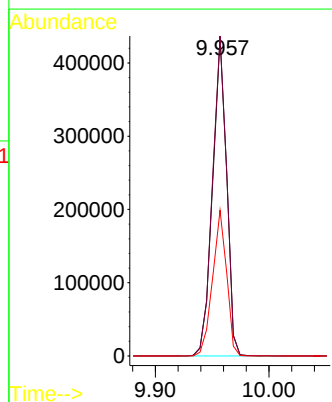
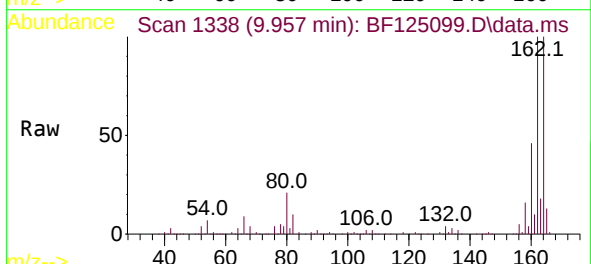


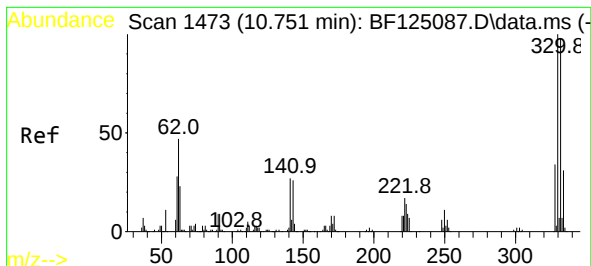
Tgt Ion: 82 Resp: 1204404
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

Tgt Ion: 164 Resp: 372781
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 45.7 38.0 57.0

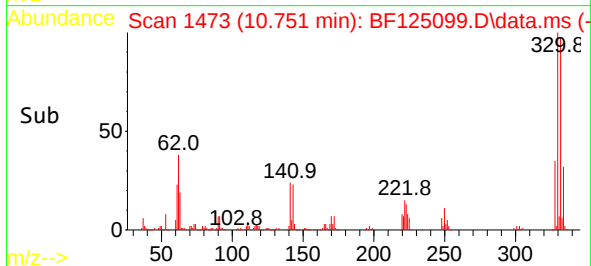
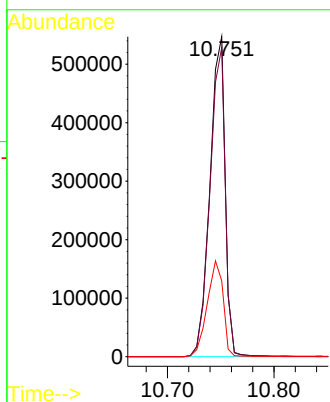
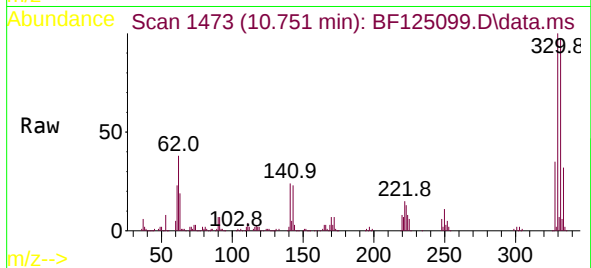




#42
2,4,6-Tribromophenol
Concen: 146.279 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

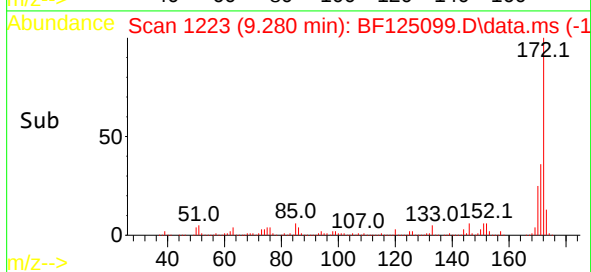
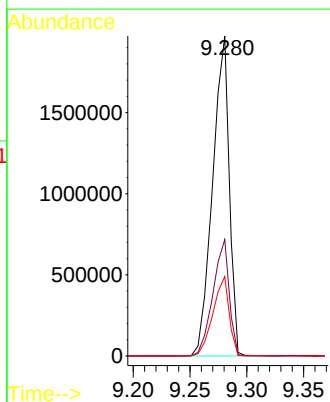
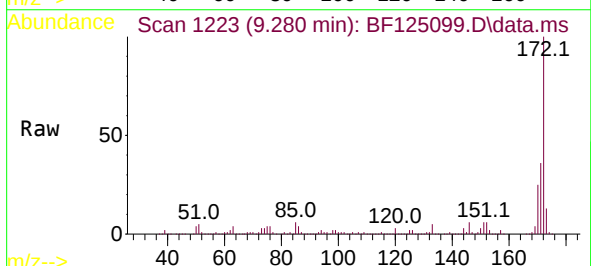
Instrument :
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ClientSampleId :
WC-5

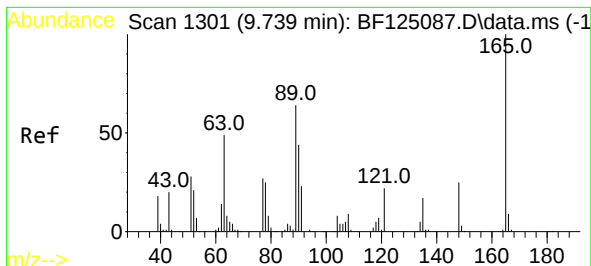
Tgt Ion:330 Resp: 544331
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 31.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 75.184 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

Tgt Ion:172 Resp: 2010949
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 24.8 18.8 28.2

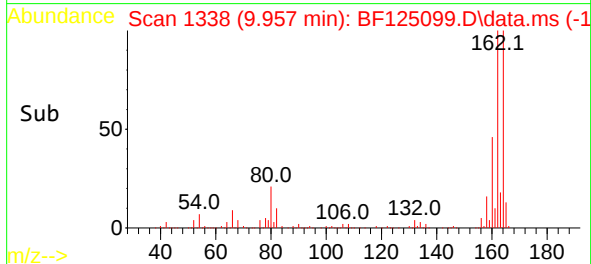
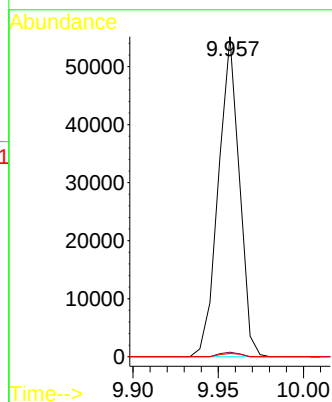
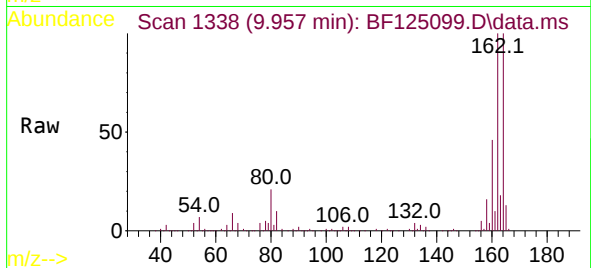




#51
2,6-Dinitrotoluene
Concen: 8.429 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

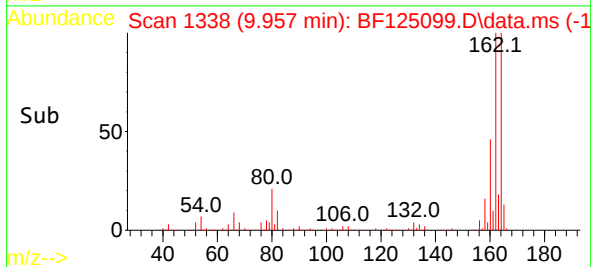
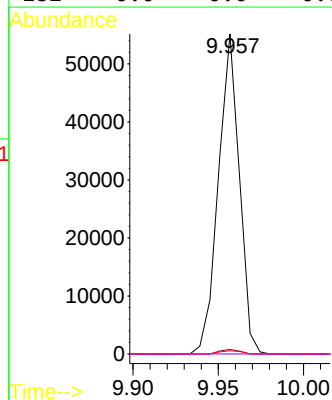
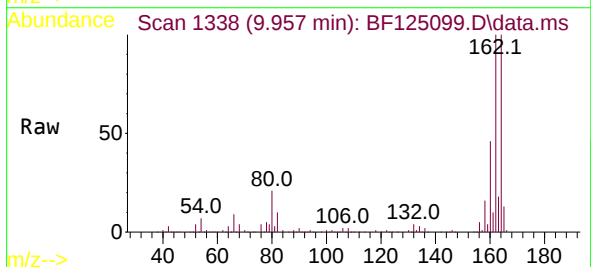
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BNA_F
ClientSampleId :
WC-5

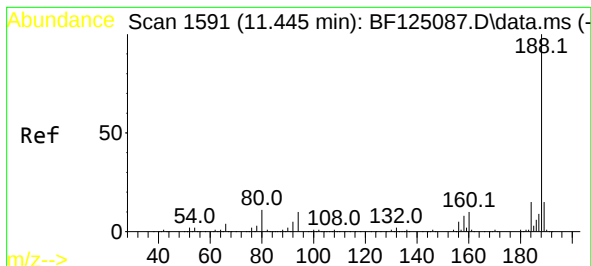
Tgt Ion:165 Resp: 47214
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.964 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

Tgt Ion:165 Resp: 47214
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

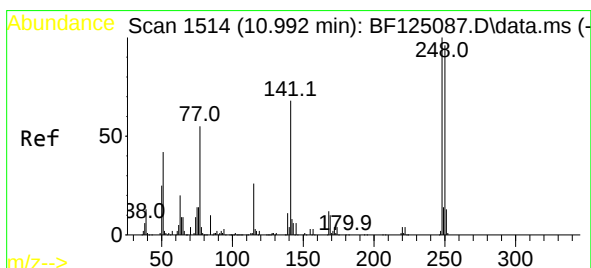
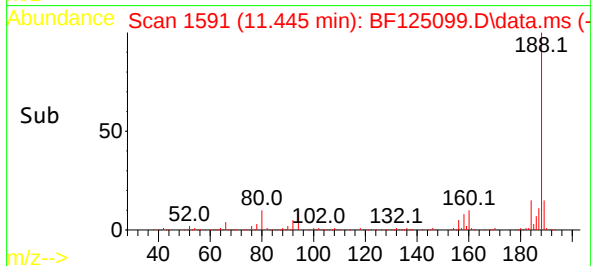
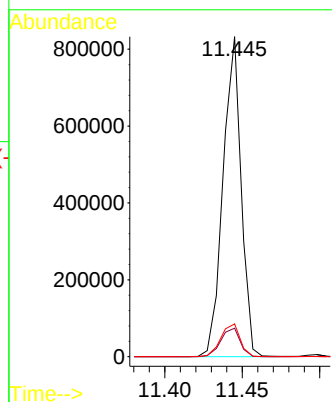
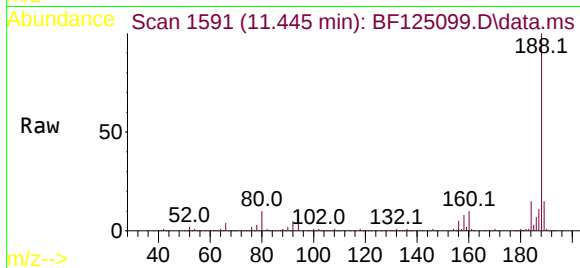




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

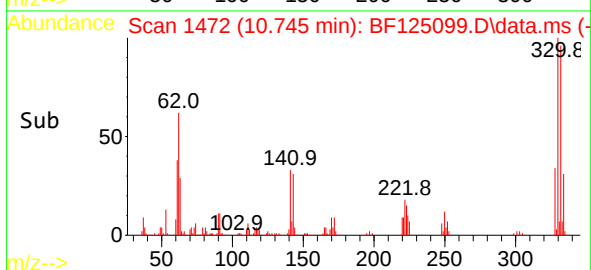
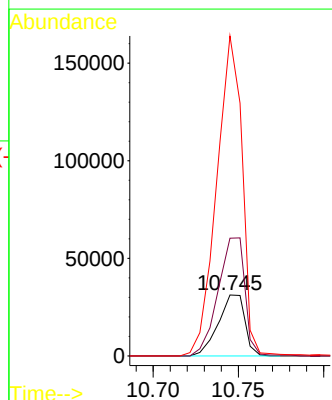
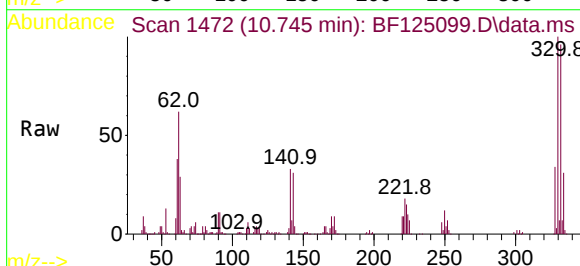
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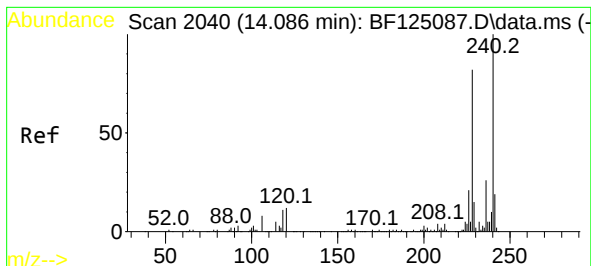
Tgt Ion:188 Resp: 677044
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.175 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

Tgt Ion:248 Resp: 33942
Ion Ratio Lower Upper
248 100
250 193.2 74.2 111.4#
141 525.0 60.4 90.6#

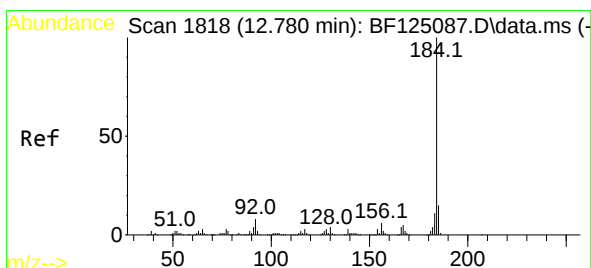
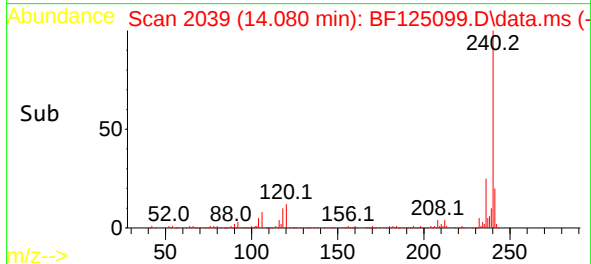
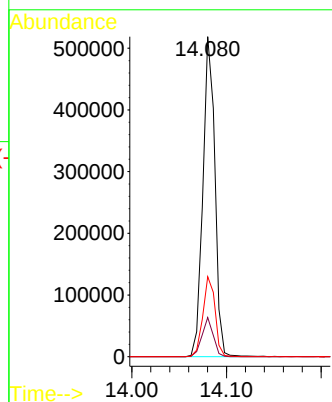
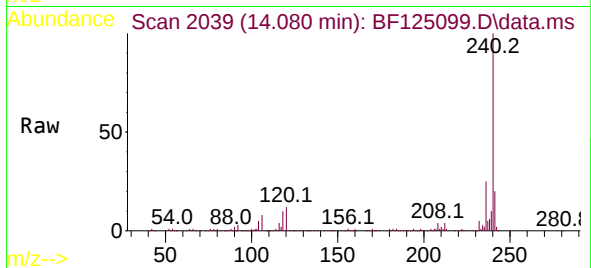




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

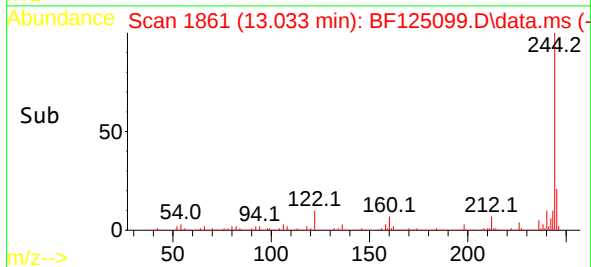
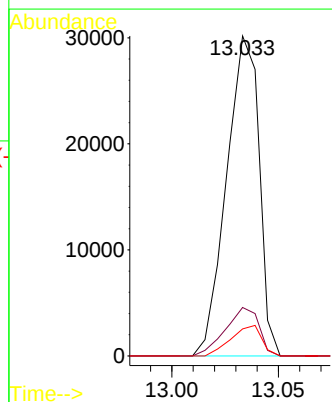
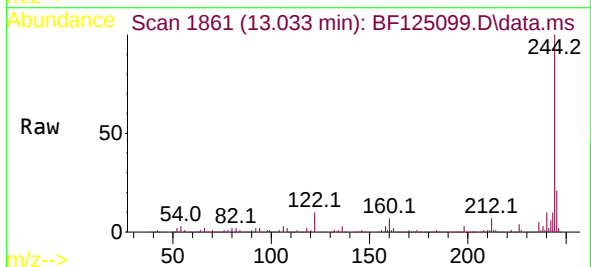
Instrument :
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WC-5

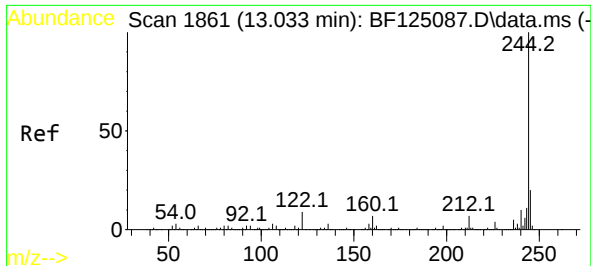
Tgt Ion:240 Resp: 458128
Ion Ratio Lower Upper
240 100
120 12.3 10.8 16.2
236 25.0 21.6 32.4



#77
Benzidine
Concen: 2.004 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.253 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

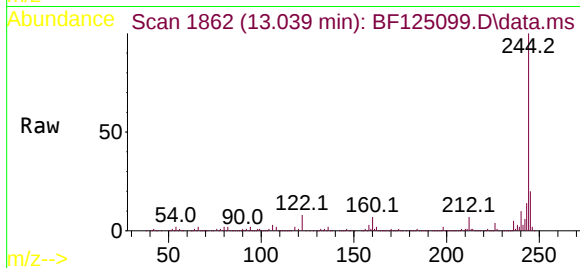
Tgt Ion:184 Resp: 32066
Ion Ratio Lower Upper
184 100
185 15.1 10.8 16.2
183 8.4 8.1 12.1



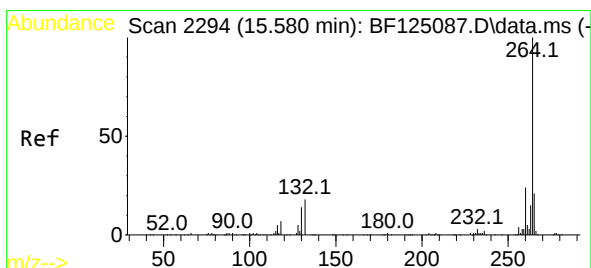
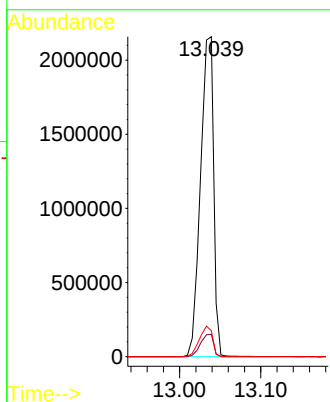
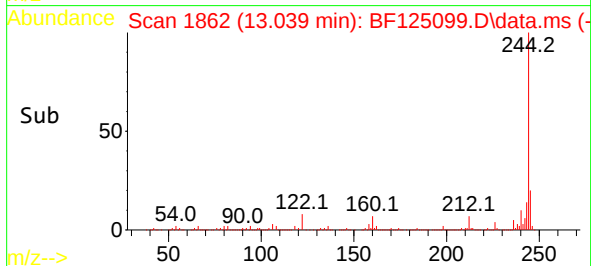


#79
Terphenyl-d14
Concen: 84.433 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.006 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20

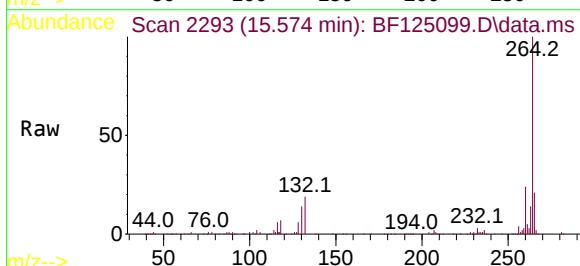
Instrument :
BNA_F
ClientSampleId :
WC-5



Tgt Ion:244 Resp: 2428056
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.1 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BF125099.D
Acq: 18 Aug 2021 21:20



Tgt Ion:264 Resp: 342236
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 20.7 17.2 25.8

