

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
 Data File : BF125092.D
 Acq On : 18 Aug 2021 17:20
 Operator : JU/CG
 Sample : PB138550BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138550BL

Quant Time: Aug 18 17:58:40 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

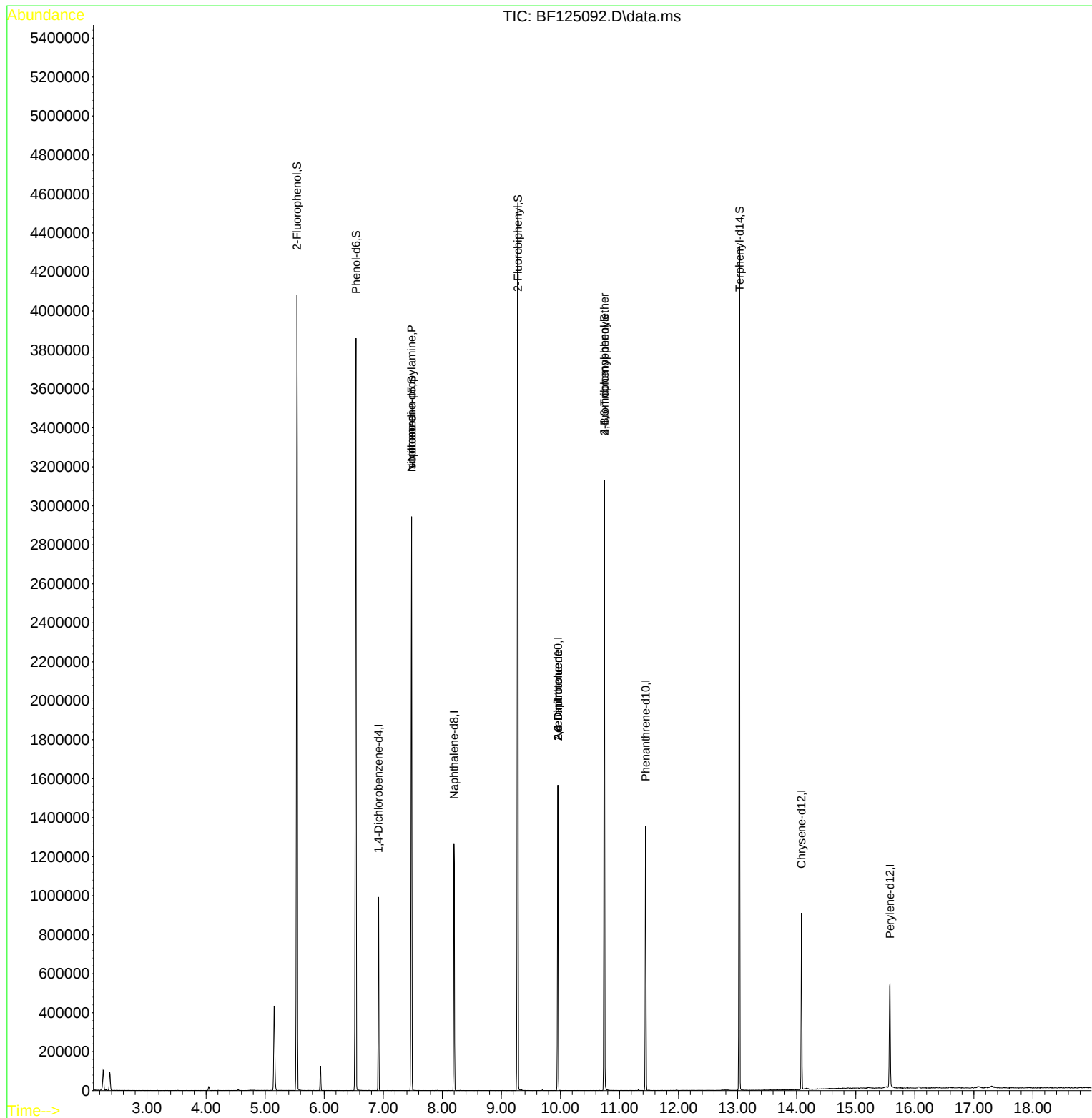
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	142066	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	561543	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	285673	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	478112	20.000	ng	0.00
76) Chrysene-d12	14.080	240	289101	20.000	ng	0.00
86) Perylene-d12	15.580	264	250205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1126966	120.069	ng	0.00
7) Phenol-d6	6.540	99	1367940	112.689	ng	0.00
23) Nitrobenzene-d5	7.481	82	909681	81.556	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	354950	124.472	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1551261	75.682	ng	0.00
79) Terphenyl-d14	13.033	244	1482280	81.681	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	123952	16.976	ng	# 60
25) Isophorone	7.481	82	909671	42.276	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	36879	8.591	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	36879	7.098	ng	# 19
67) 4-Bromophenyl-phenylether	10.745	248	22617	3.939	ng	# 1

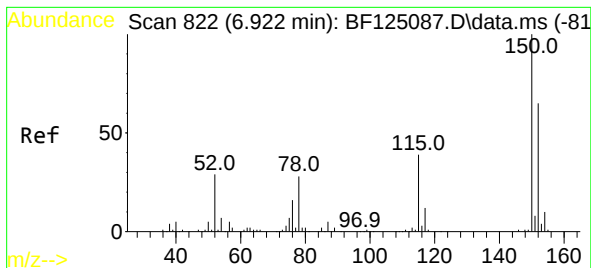
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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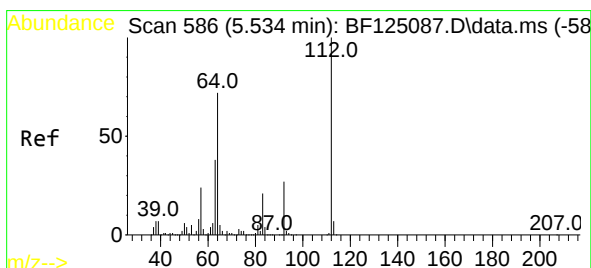
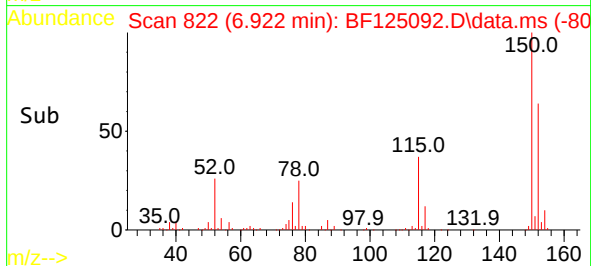
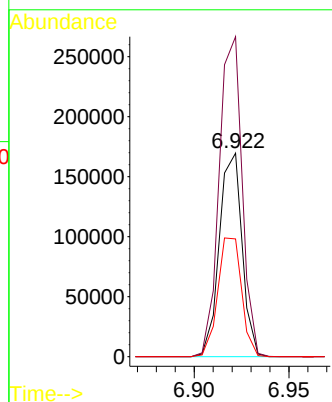
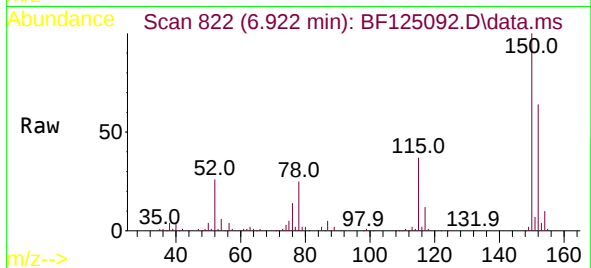




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125092.D
Acq: 18 Aug 2021 17:20

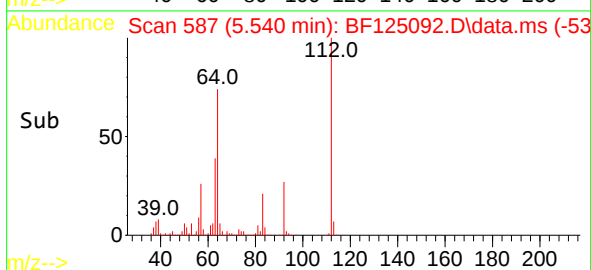
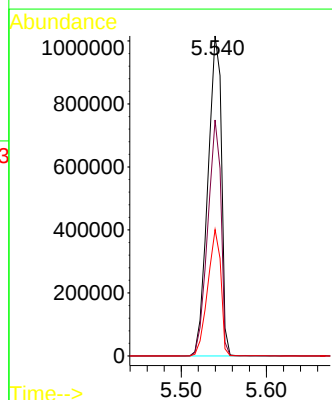
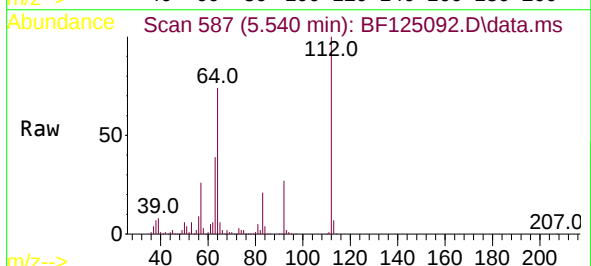
Instrument :
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ClientSampleId :
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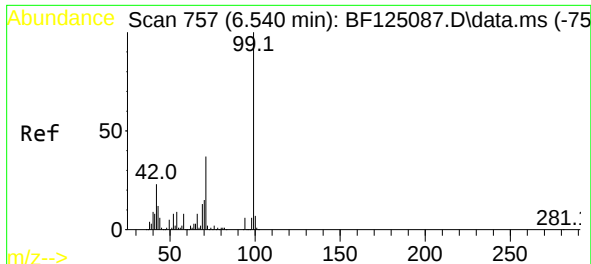
Tgt Ion:152 Resp: 142066
Ion Ratio Lower Upper
152 100
150 157.2 117.6 176.4
115 57.9 47.1 70.7



#5
2-Fluorophenol
Concen: 120.069 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.006 min
Lab File: BF125092.D
Acq: 18 Aug 2021 17:20

Tgt Ion:112 Resp: 1126966
Ion Ratio Lower Upper
112 100
64 73.8 44.2 66.2#
63 39.5 26.2 39.2#

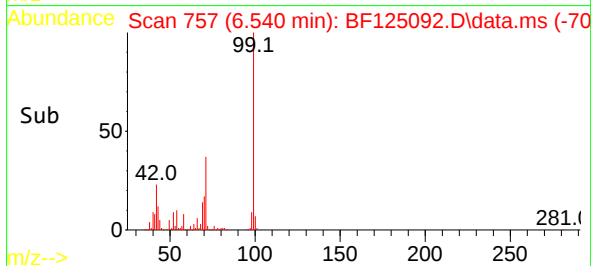
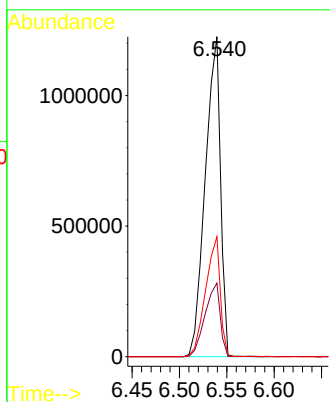
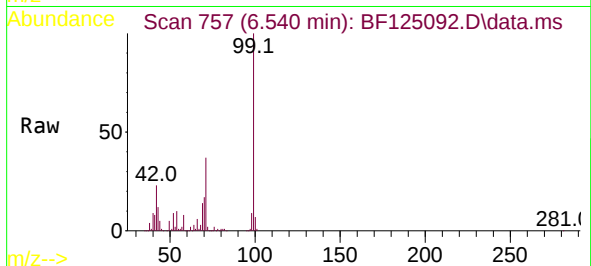




#7
Phenol-d6
Concen: 112.689 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF125092.D
Acq: 18 Aug 2021 17:20

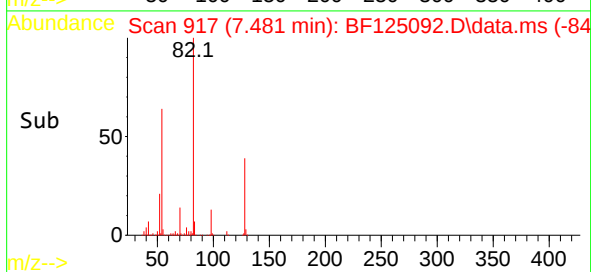
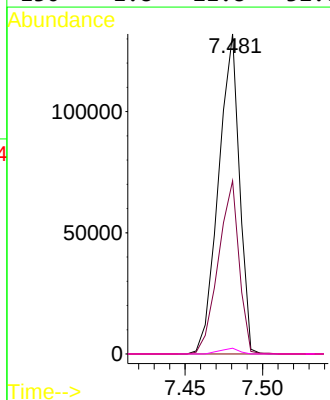
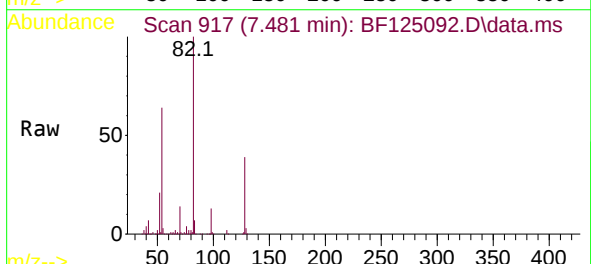
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ClientSampleId :
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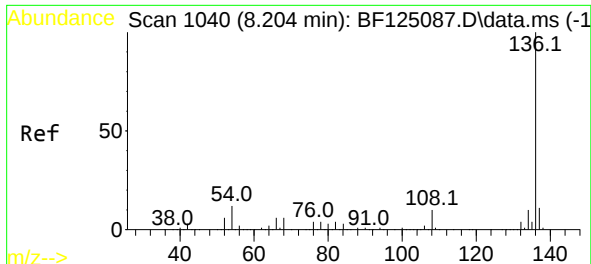
Tgt Ion: 99 Resp: 1367940
Ion Ratio Lower Upper
99 100
42 23.0 23.5 35.3#
71 37.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.976 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125092.D
Acq: 18 Aug 2021 17:20

Tgt Ion: 70 Resp: 123952
Ion Ratio Lower Upper
70 100
42 54.1 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

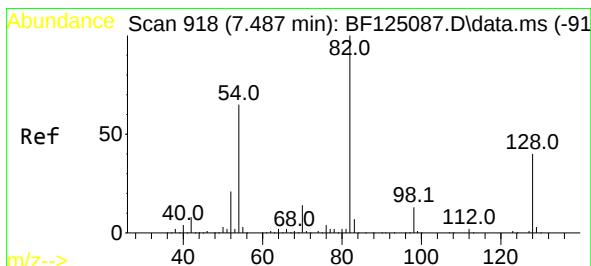
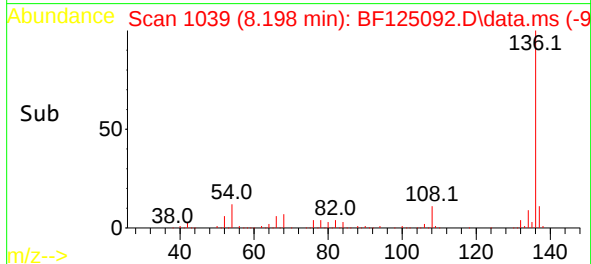
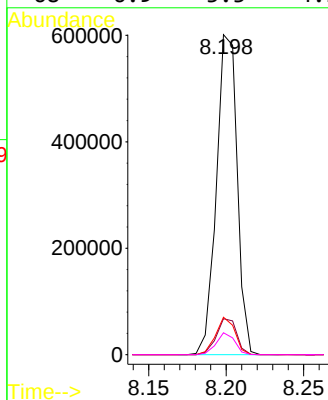
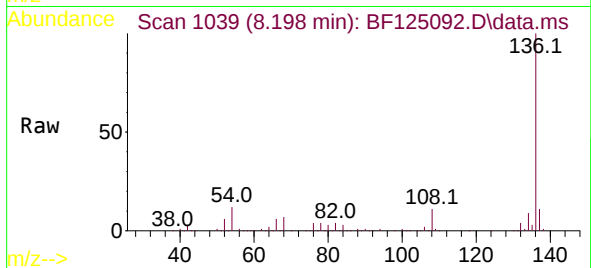




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125092.D
Acq: 18 Aug 2021 17:20

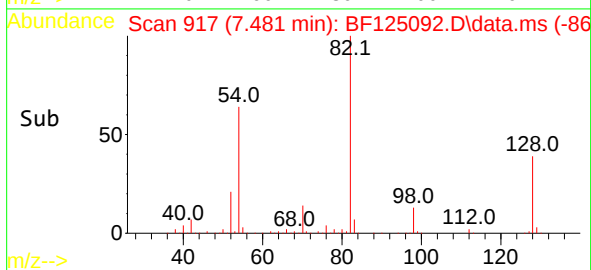
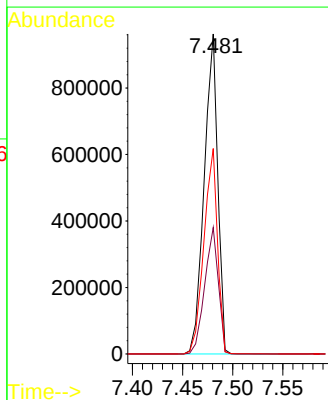
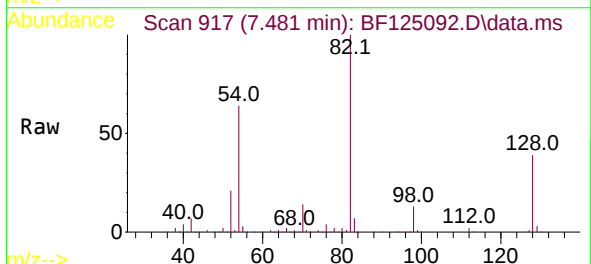
Instrument :
BNA_F
ClientSampleId :
PB138550BL

Tgt Ion:136	Resp: 561543
Ion Ratio	Lower Upper
136 100	
137 11.2	9.8 14.6
54 11.7	6.4 9.6#
68 6.9	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 81.556 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125092.D
Acq: 18 Aug 2021 17:20

Tgt Ion: 82	Resp: 909681
Ion Ratio	Lower Upper
82 100	
128 39.5	40.6 60.8#
54 64.2	49.6 74.4

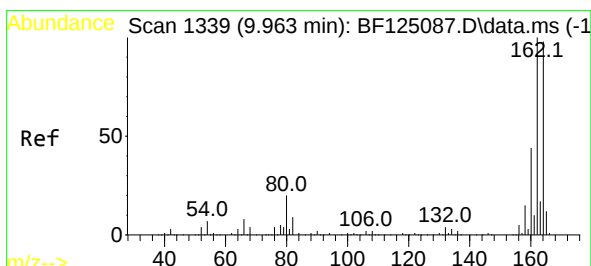
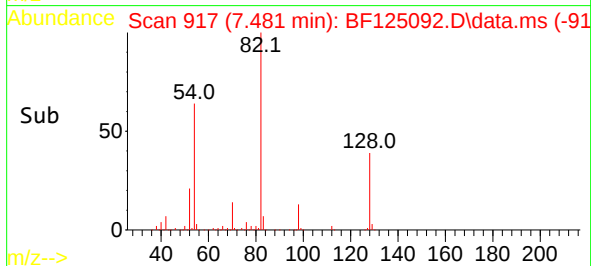
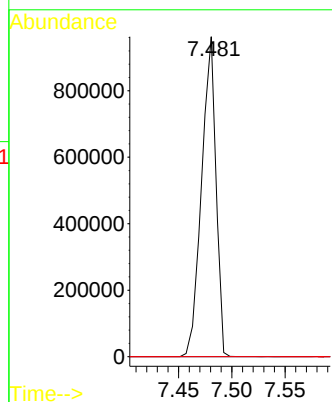
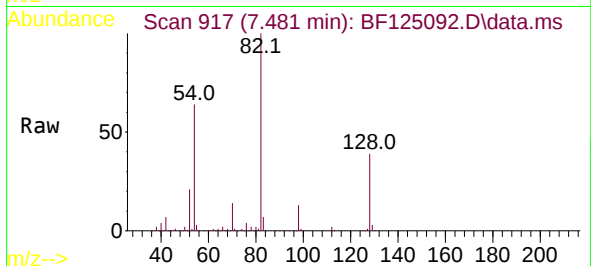




#25
Isophorone
Concen: 42.276 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125092.D
Acq: 18 Aug 2021 17:20

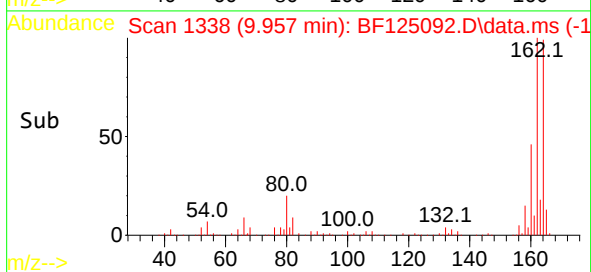
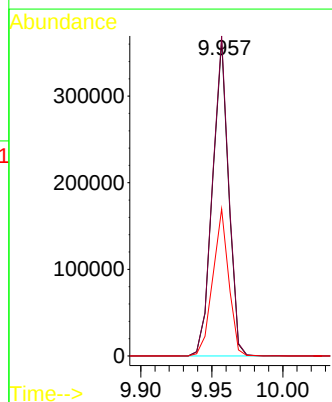
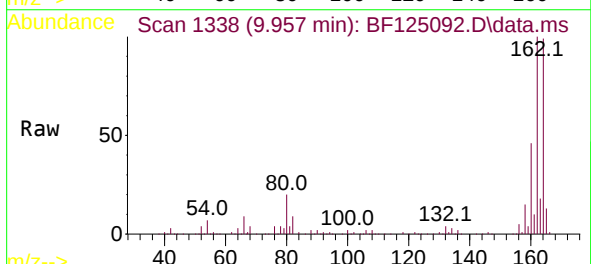
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ClientSampleId :
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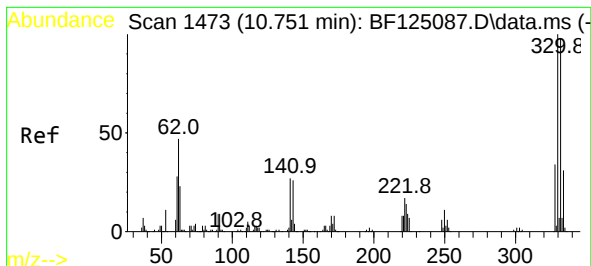
Tgt Ion: 82 Resp: 909671
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125092.D
Acq: 18 Aug 2021 17:20

Tgt Ion: 164 Resp: 285673
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 46.6 38.0 57.0

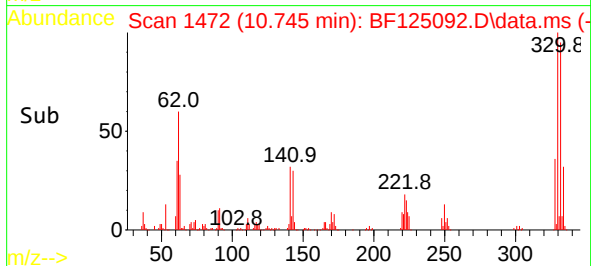
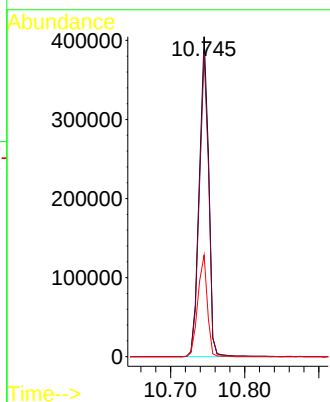
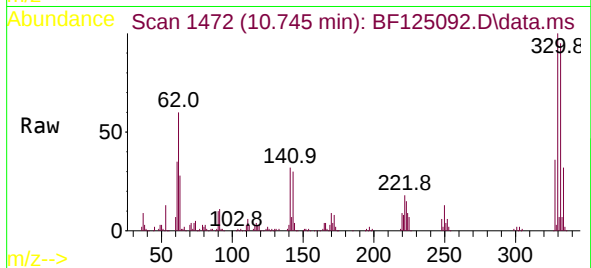




#42
2,4,6-Tribromophenol
Concen: 124.472 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125092.D
Acq: 18 Aug 2021 17:20

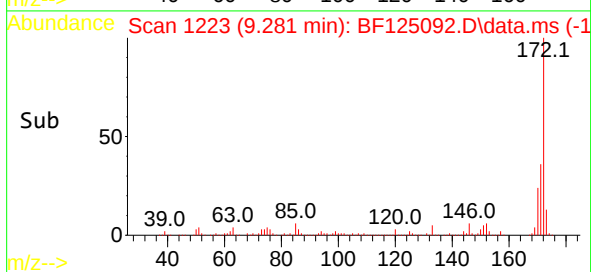
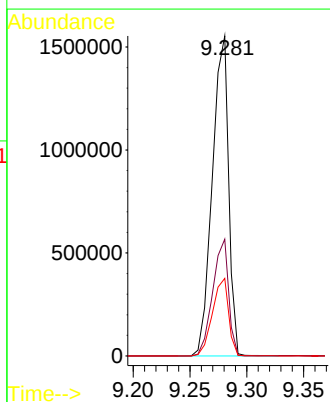
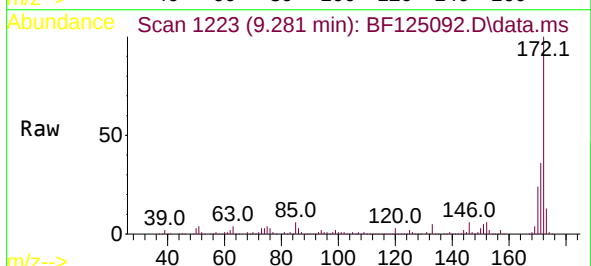
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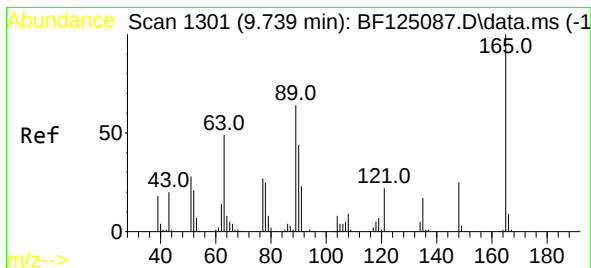
Tgt Ion:330 Resp: 354950
Ion Ratio Lower Upper
330 100
332 94.3 76.2 114.4
141 31.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 75.682 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125092.D
Acq: 18 Aug 2021 17:20

Tgt Ion:172 Resp: 1551261
Ion Ratio Lower Upper
172 100
171 36.5 26.5 39.7
170 24.3 18.8 28.2

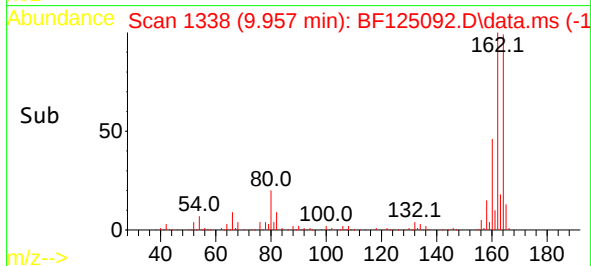
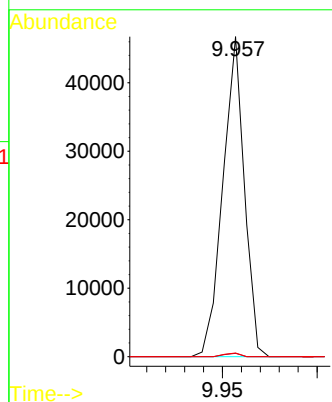
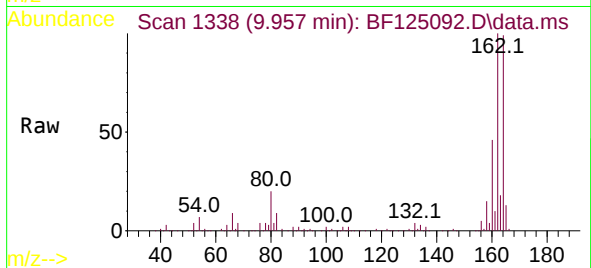




#51
2,6-Dinitrotoluene
Concen: 8.591 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125092.D
Acq: 18 Aug 2021 17:20

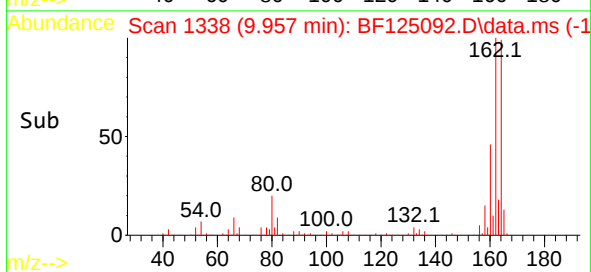
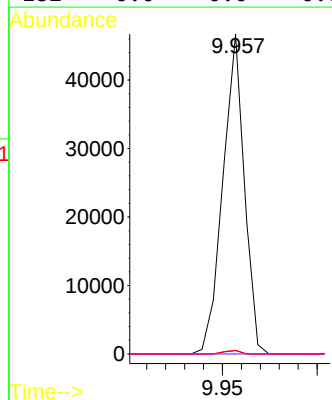
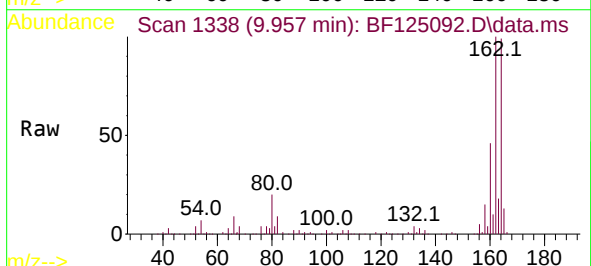
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ClientSampleId :
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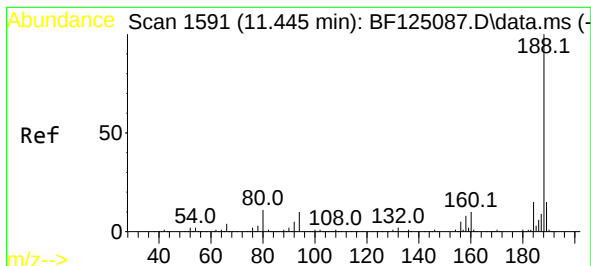
Tgt Ion:165 Resp: 36879
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.098 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125092.D
Acq: 18 Aug 2021 17:20

Tgt Ion:165 Resp: 36879
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

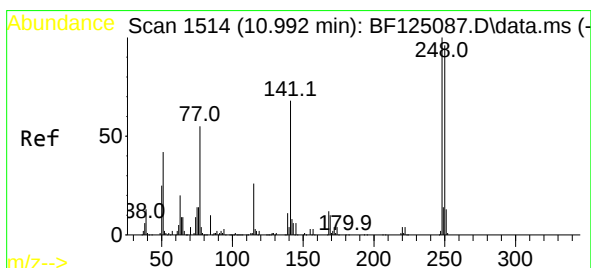
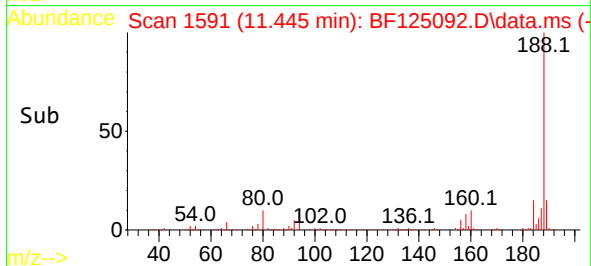
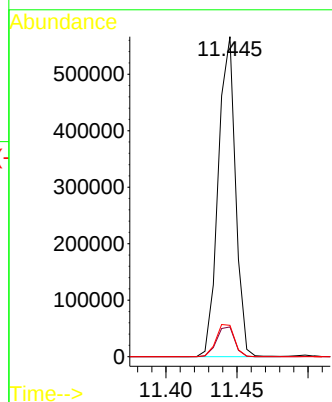
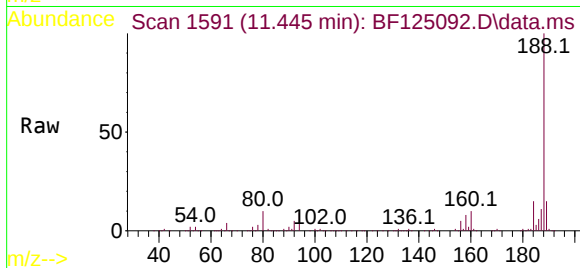




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125092.D
Acq: 18 Aug 2021 17:20

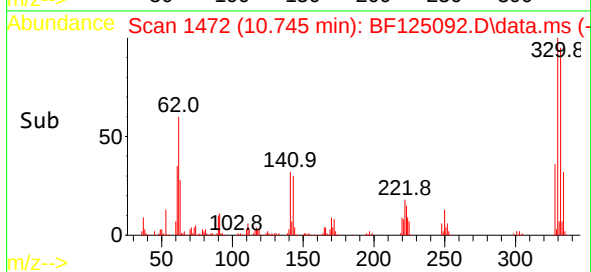
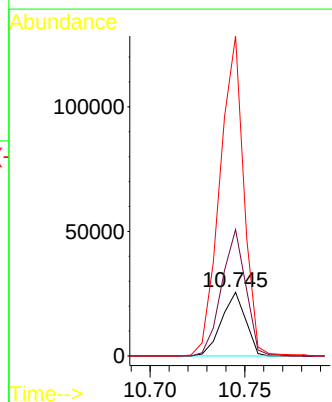
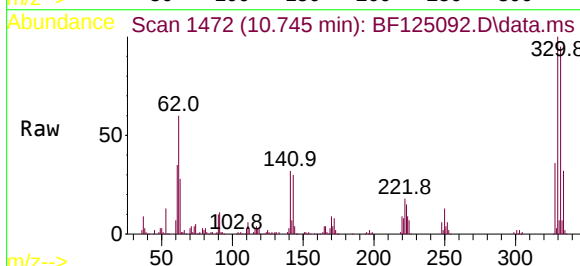
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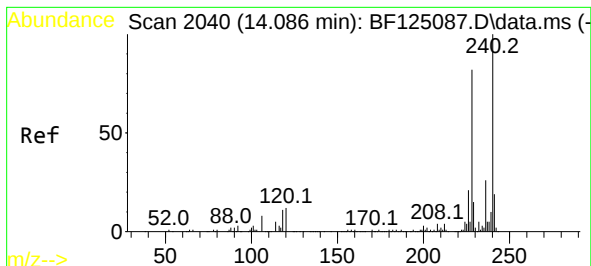
Tgt Ion:188 Resp: 478112
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 9.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.939 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125092.D
Acq: 18 Aug 2021 17:20

Tgt Ion:248 Resp: 22617
Ion Ratio Lower Upper
248 100
250 198.4 74.2 111.4#
141 502.5 60.4 90.6#

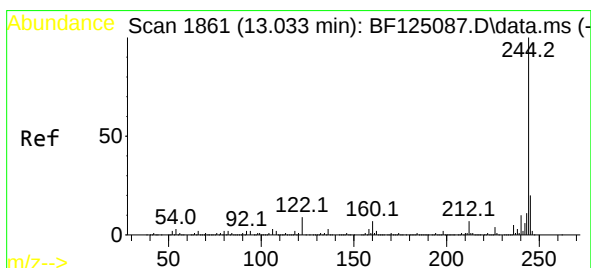
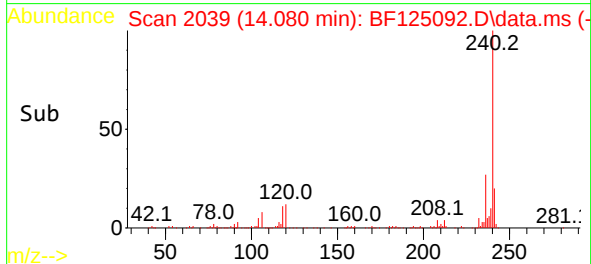
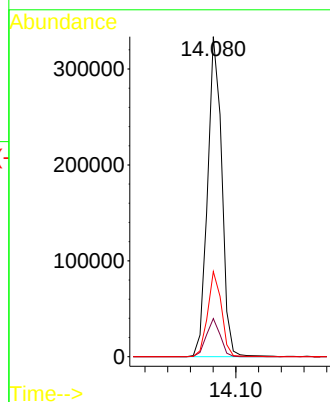
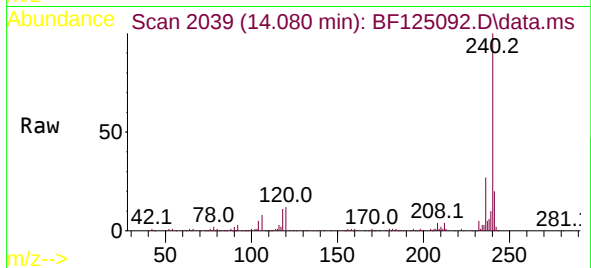




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125092.D
Acq: 18 Aug 2021 17:20

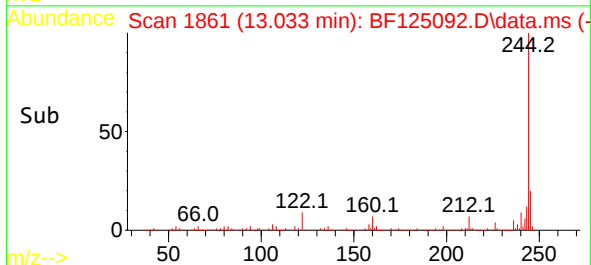
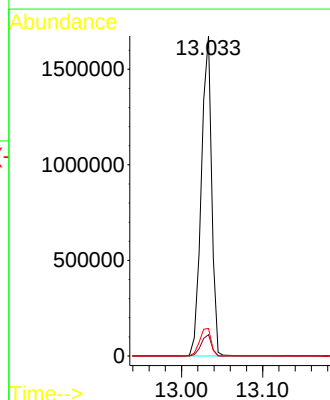
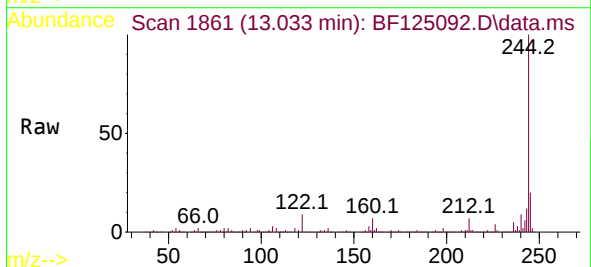
Instrument :
BNA_F
ClientSampleId :
PB138550BL

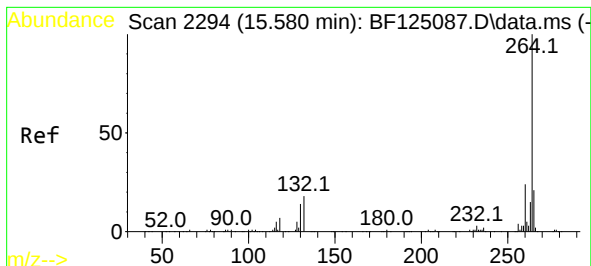
Tgt Ion:240 Resp: 289101
Ion Ratio Lower Upper
240 100
120 11.9 10.8 16.2
236 26.6 21.6 32.4



#79
Terphenyl-d14
Concen: 81.681 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125092.D
Acq: 18 Aug 2021 17:20

Tgt Ion:244 Resp: 1482280
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.6 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. -0.000 min

Lab File: BF125092.D

Acq: 18 Aug 2021 17:20

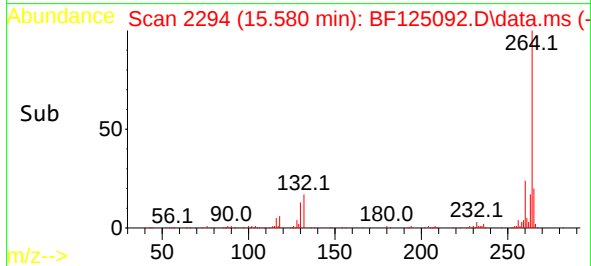
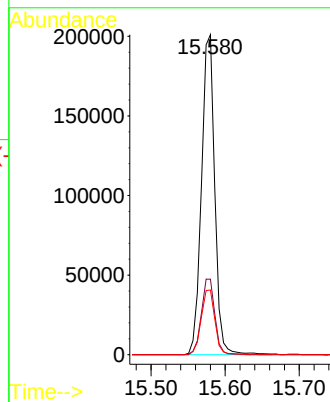
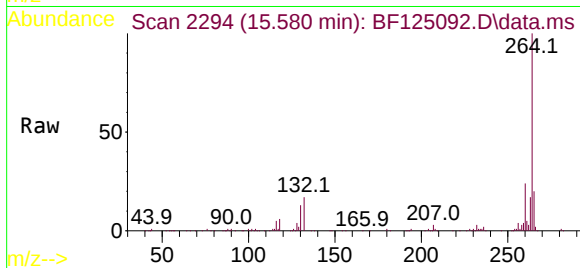
Tgt Ion:264 Resp: 250205

Ion Ratio Lower Upper

264 100

260 23.6 19.6 29.4

265 20.2 17.2 25.8



Instrument :

BNA_F

ClientSampleId :

PB138550BL