

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
 Data File : BF125100.D
 Acq On : 18 Aug 2021 21:53
 Operator : JU/CG
 Sample : M3449-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Quant Time: Aug 19 06:48:40 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)

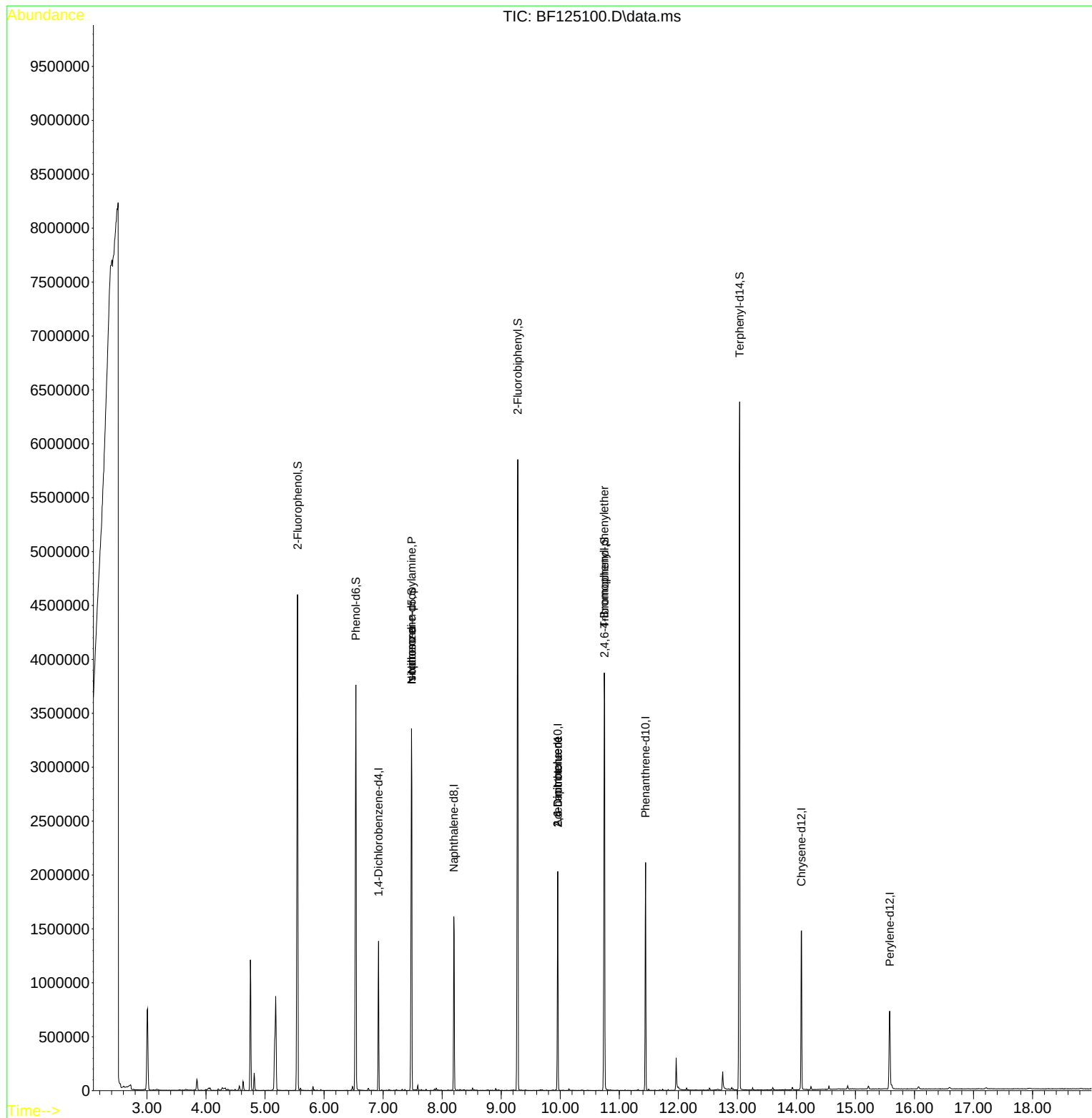
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	181416	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	707558	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	383643	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	724853	20.000	ng	0.00
76) Chrysene-d12	14.086	240	534098	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	346551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1224589	102.171	ng	0.02
7) Phenol-d6	6.539	99	1357742	87.589	ng	0.00
23) Nitrobenzene-d5	7.480	82	1179217	83.903	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	547384	142.935	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1950080	70.844	ng	0.00
79) Terphenyl-d14	13.039	244	2523759	75.278	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.480	70	162025	17.377	ng	# 59
25) Isophorone	7.480	82	1179069	43.488	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	49429	8.574	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	49429	7.084	ng	# 20
67) 4-Bromophenyl-phenylether	10.745	248	34076	3.915	ng	# 1

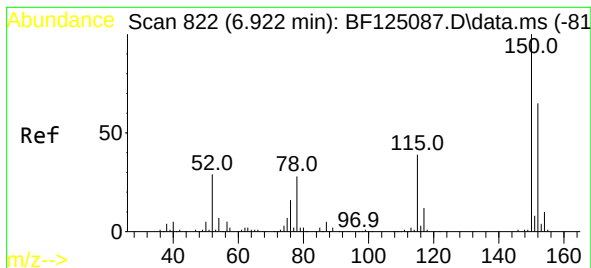
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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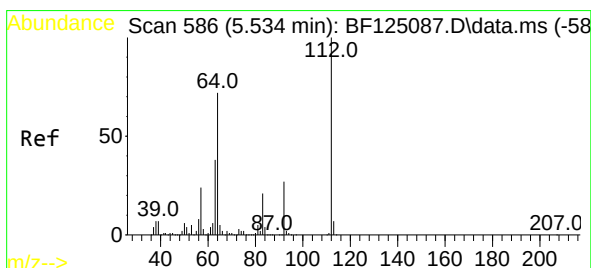
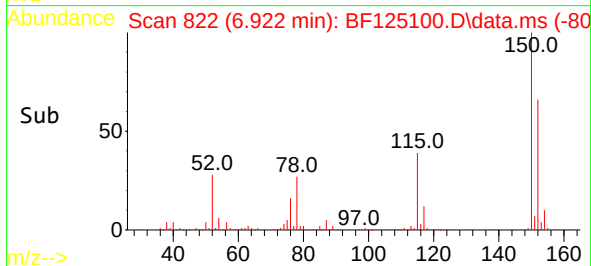
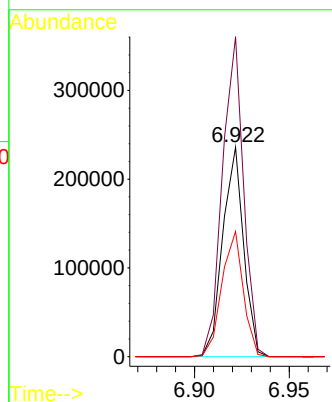
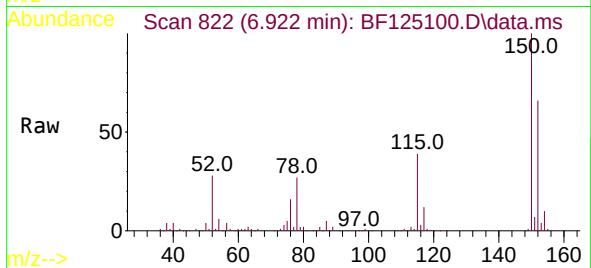




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125100.D
Acq: 18 Aug 2021 21:53

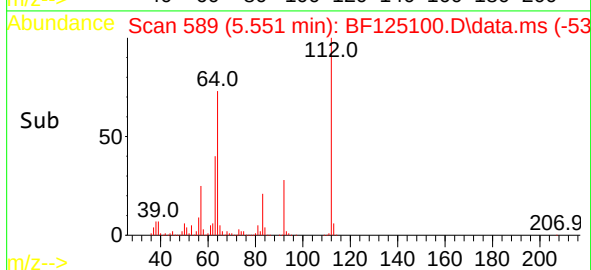
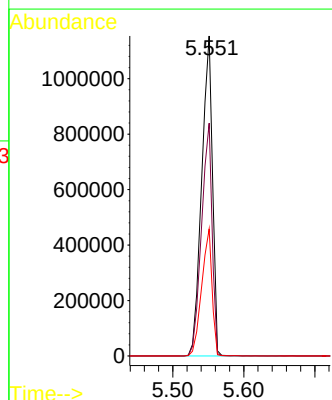
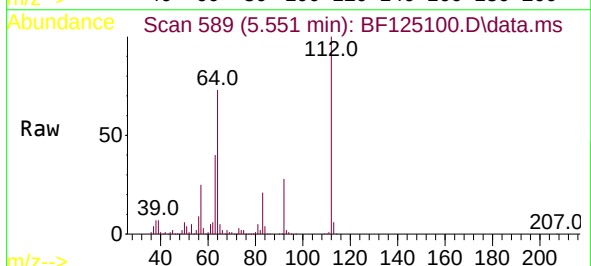
Instrument :
BNA_F
ClientSampleId :
TP4

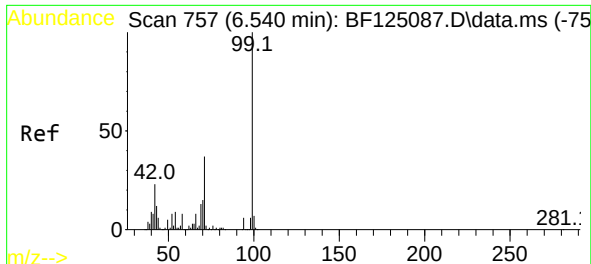
Tgt Ion:152 Resp: 181416
Ion Ratio Lower Upper
152 100
150 152.7 117.6 176.4
115 59.8 47.1 70.7



#5
2-Fluorophenol
Concen: 102.171 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.017 min
Lab File: BF125100.D
Acq: 18 Aug 2021 21:53

Tgt Ion:112 Resp: 1224589
Ion Ratio Lower Upper
112 100
64 72.8 44.2 66.2#
63 39.7 26.2 39.2#

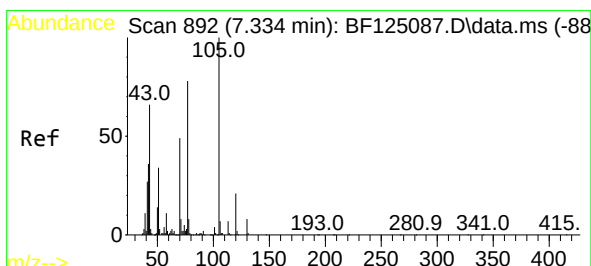
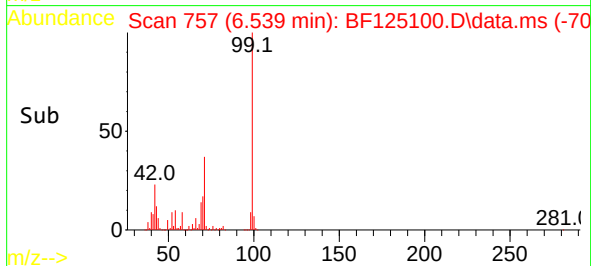
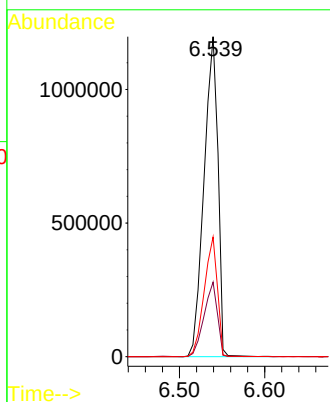
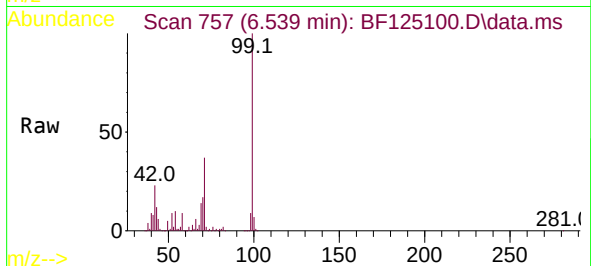




#7
Phenol-d6
Concen: 87.589 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125100.D
Acq: 18 Aug 2021 21:53

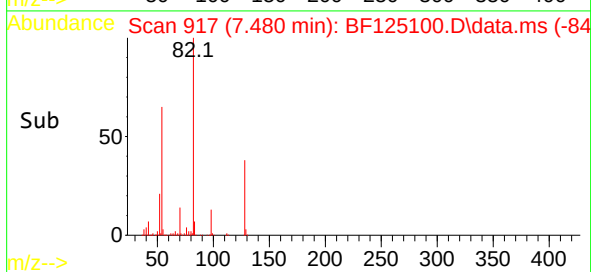
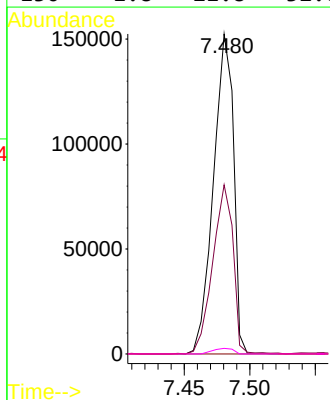
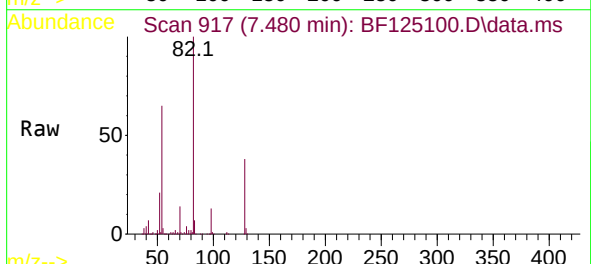
Instrument :
BNA_F
ClientSampleId :
TP4

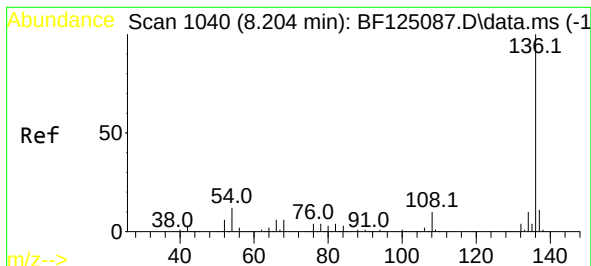
Tgt Ion: 99 Resp: 1357742
Ion Ratio Lower Upper
99 100
42 23.3 23.5 35.3#
71 37.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.377 ng
RT: 7.480 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125100.D
Acq: 18 Aug 2021 21:53

Tgt Ion: 70 Resp: 162025
Ion Ratio Lower Upper
70 100
42 52.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#



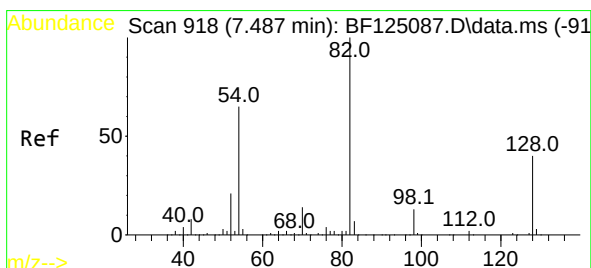
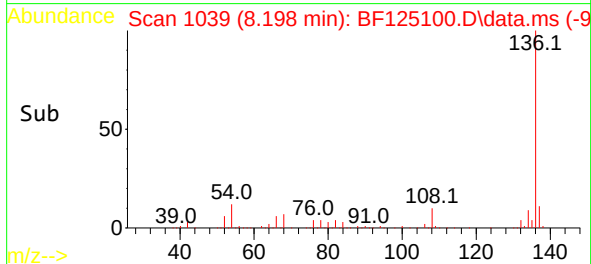
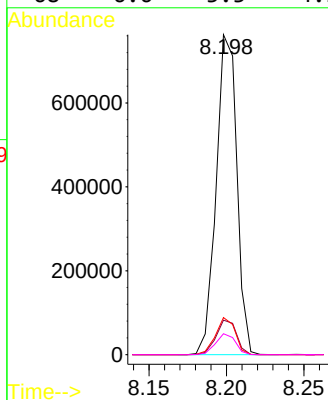
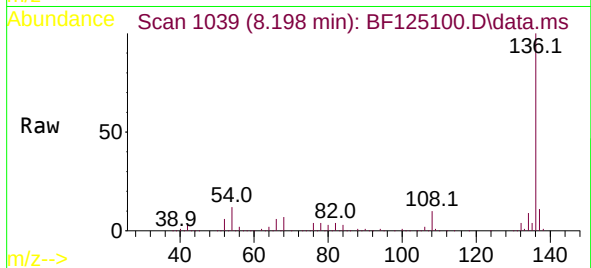


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125100.D
Acq: 18 Aug 2021 21:53

Instrument :
BNA_F
ClientSampleId :
TP4

Tgt Ion:136 Resp: 707558

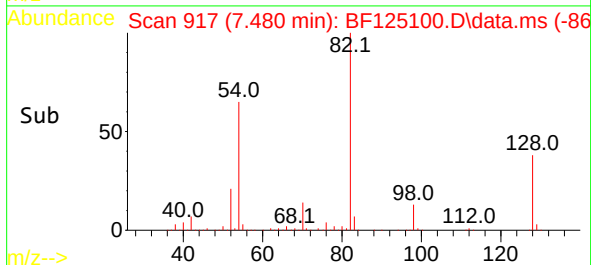
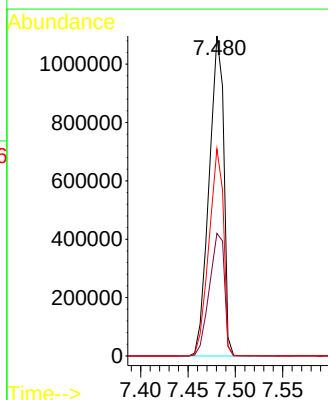
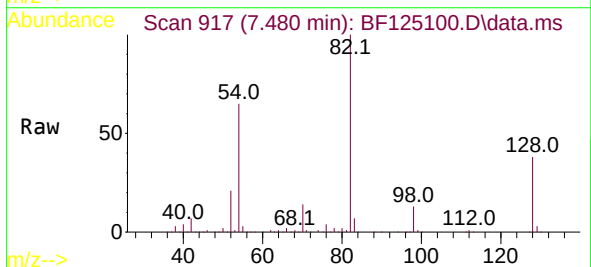
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	11.6	6.4	9.6#
68	6.6	3.3	4.9#

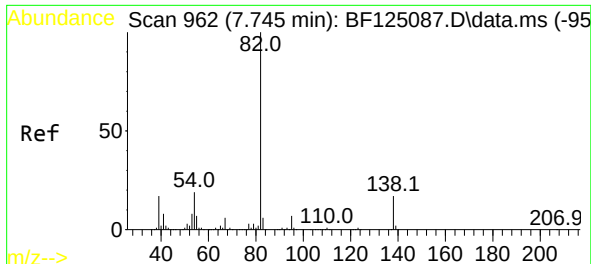


#23
Nitrobenzene-d5
Concen: 83.903 ng
RT: 7.480 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125100.D
Acq: 18 Aug 2021 21:53

Tgt Ion: 82 Resp: 1179217

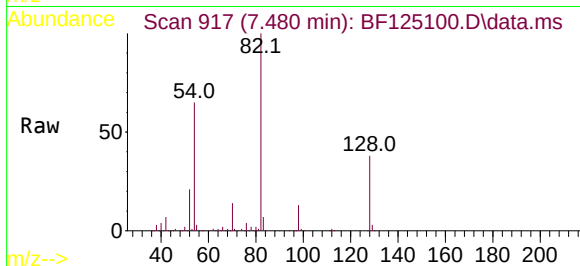
Ion	Ratio	Lower	Upper
82	100		
128	38.3	40.6	60.8#
54	64.8	49.6	74.4



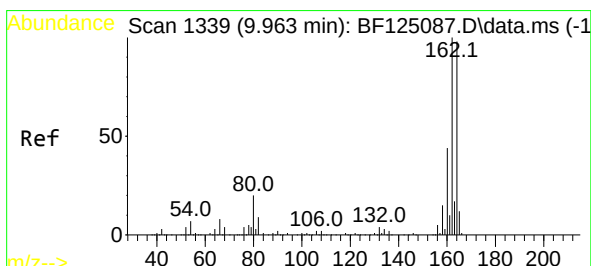
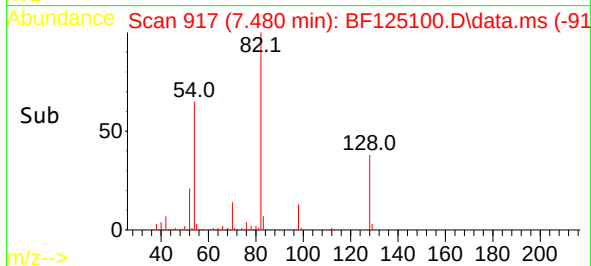
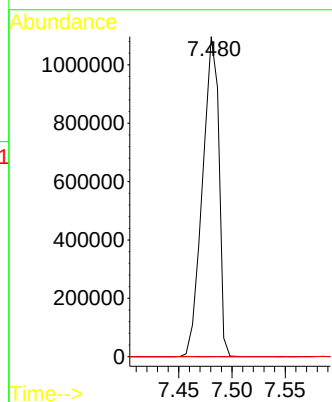


#25
Isophorone
Concen: 43.488 ng
RT: 7.480 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125100.D
Acq: 18 Aug 2021 21:53

Instrument :
BNA_F
ClientSampled :
TP4

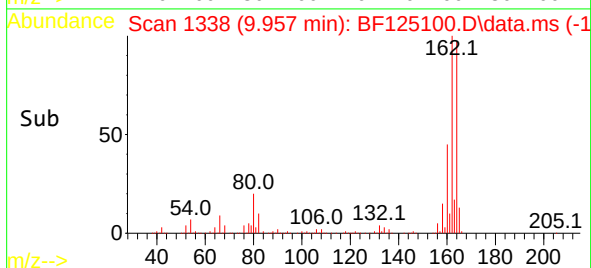
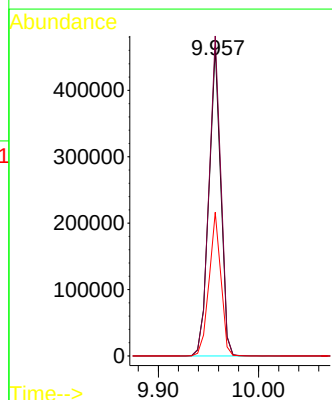
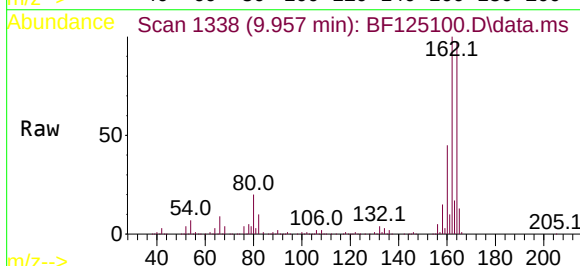


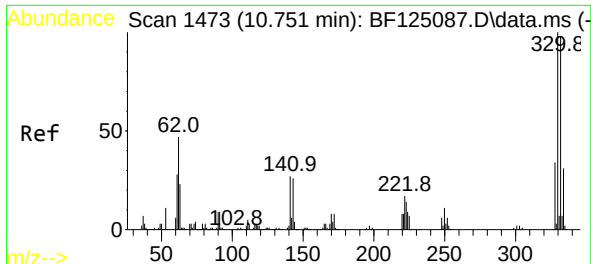
Tgt Ion: 82 Resp: 1179069
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125100.D
Acq: 18 Aug 2021 21:53

Tgt Ion: 164 Resp: 383643
Ion Ratio Lower Upper
164 100
162 103.5 81.3 121.9
160 46.5 38.0 57.0

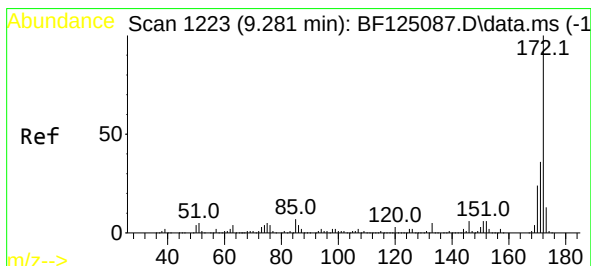
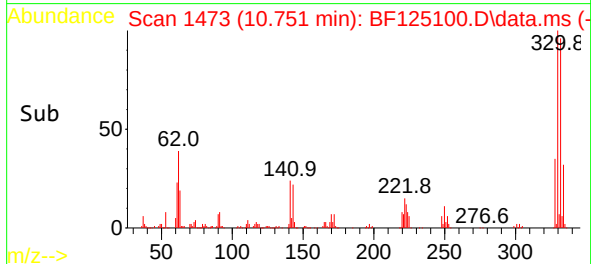
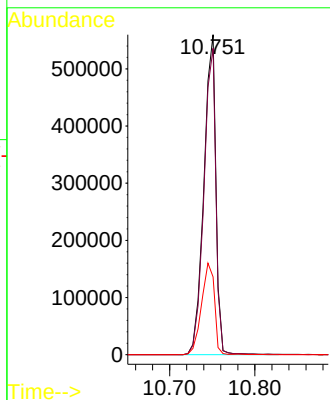
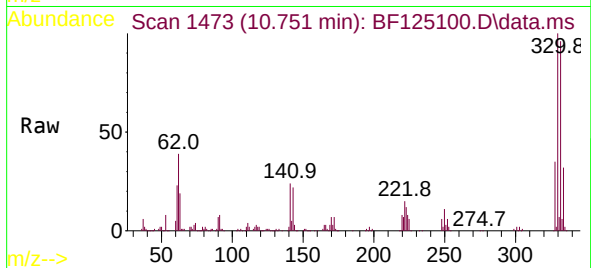




#42
2,4,6-Tribromophenol
Concen: 142.935 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BF125100.D
Acq: 18 Aug 2021 21:53

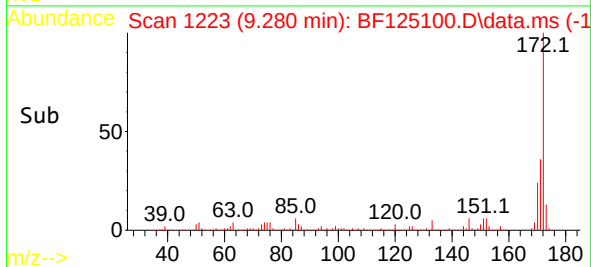
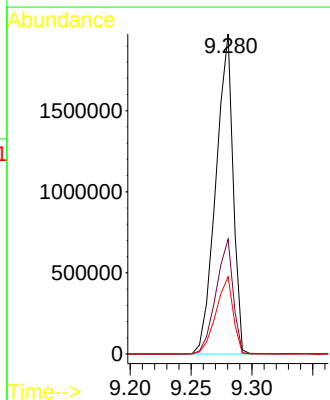
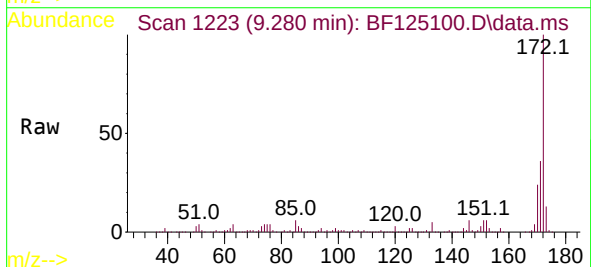
Instrument :
BNA_F
ClientSampleId :
TP4

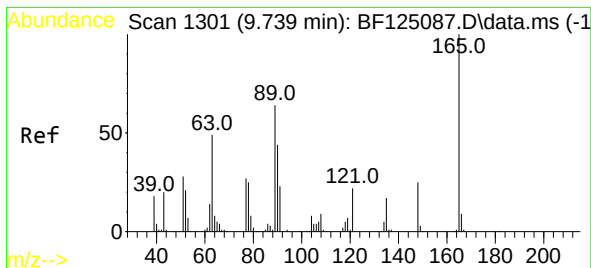
Tgt Ion:330 Resp: 547384
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 30.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 70.844 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125100.D
Acq: 18 Aug 2021 21:53

Tgt Ion:172 Resp: 1950080
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.1 18.8 28.2

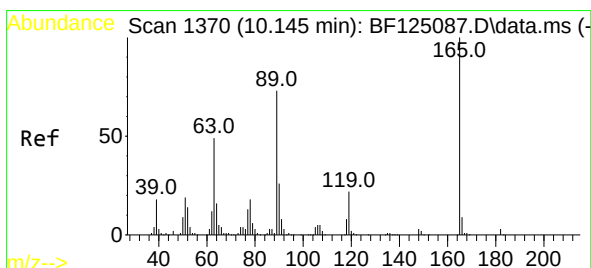
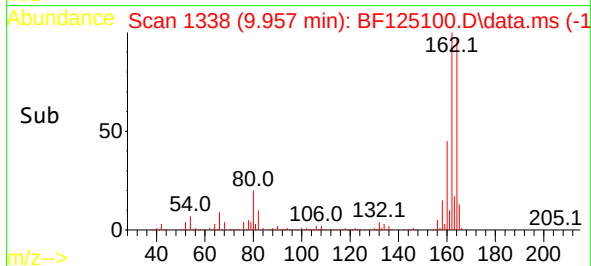
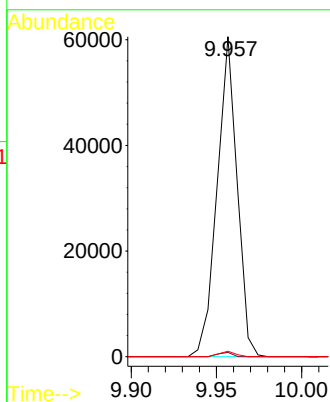
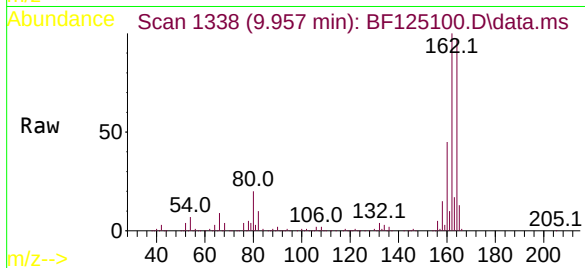




#51
2,6-Dinitrotoluene
Concen: 8.574 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.217 min
Lab File: BF125100.D
Acq: 18 Aug 2021 21:53

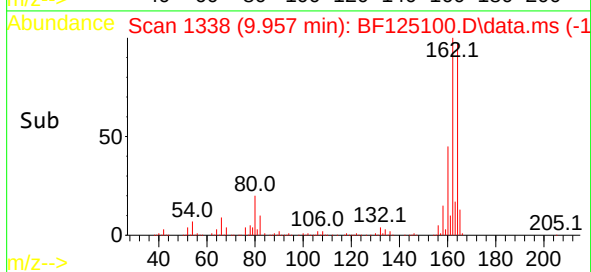
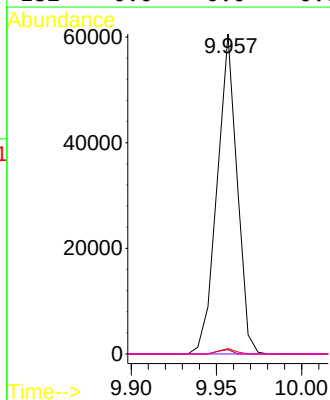
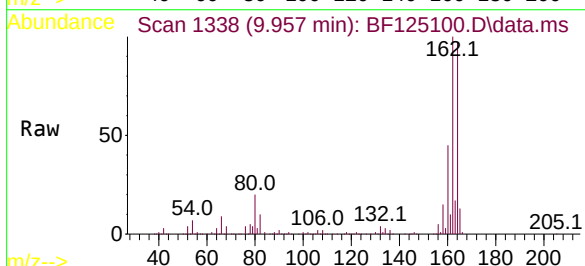
Instrument :
BNA_F
ClientSampleId :
TP4

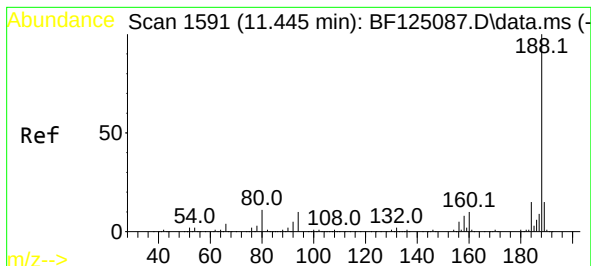
Tgt Ion:165 Resp: 49429
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.084 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125100.D
Acq: 18 Aug 2021 21:53

Tgt Ion:165 Resp: 49429
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.7 59.7 89.5#
182 0.0 0.0 0.0

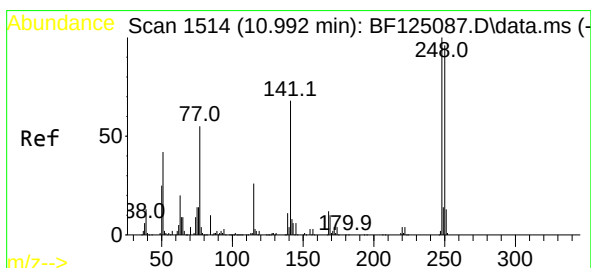
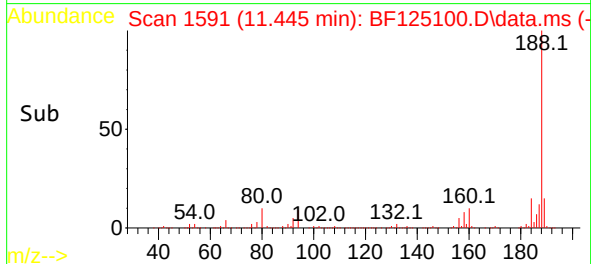
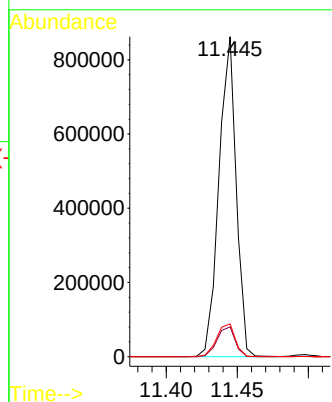
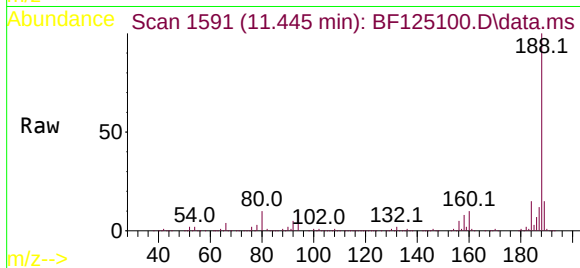




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF125100.D
Acq: 18 Aug 2021 21:53

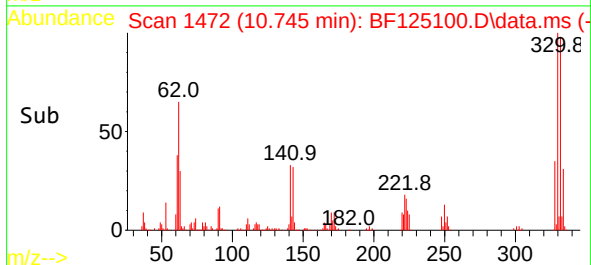
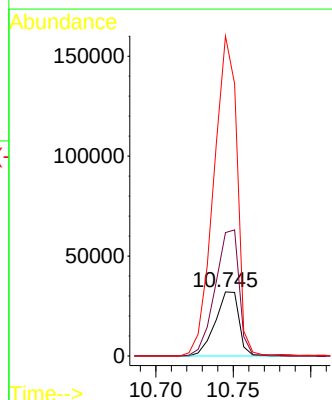
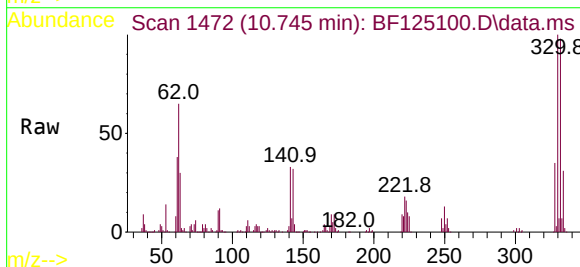
Instrument :
BNA_F
ClientSampled :
TP4

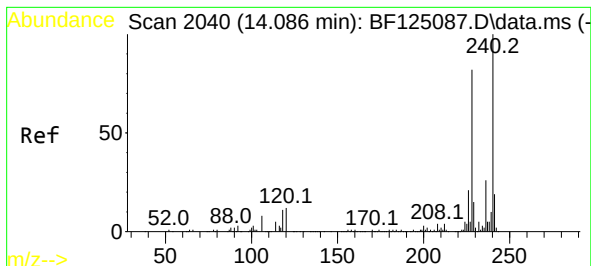
Tgt Ion:188 Resp: 724853
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 10.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.915 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125100.D
Acq: 18 Aug 2021 21:53

Tgt Ion:248 Resp: 34076
Ion Ratio Lower Upper
248 100
250 192.6 74.2 111.4#
141 499.4 60.4 90.6#

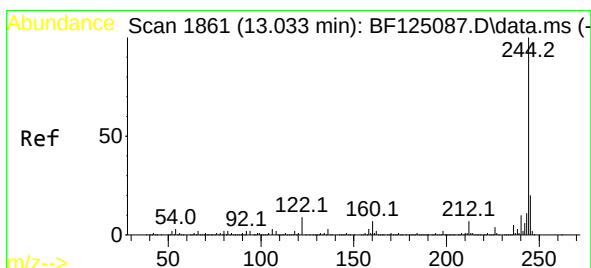
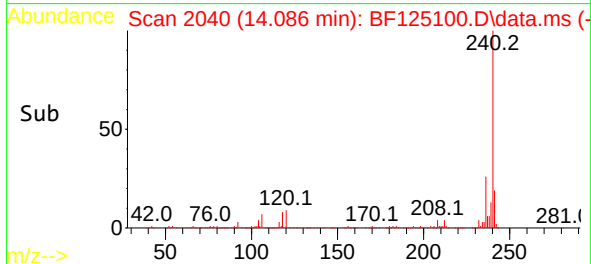
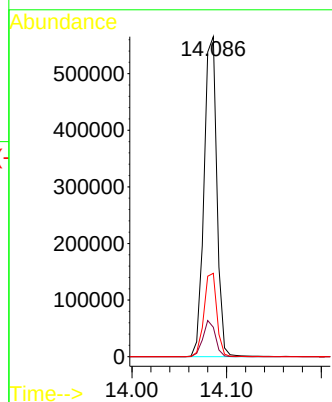
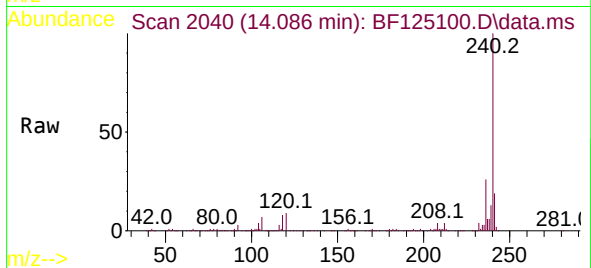




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF125100.D
Acq: 18 Aug 2021 21:53

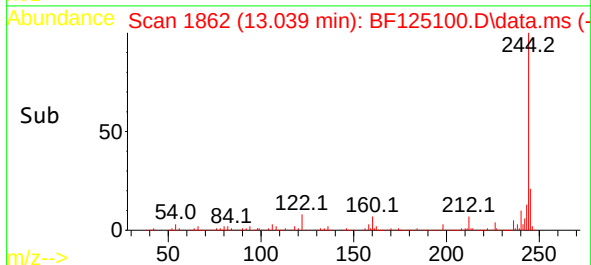
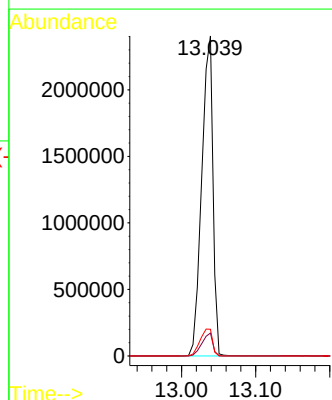
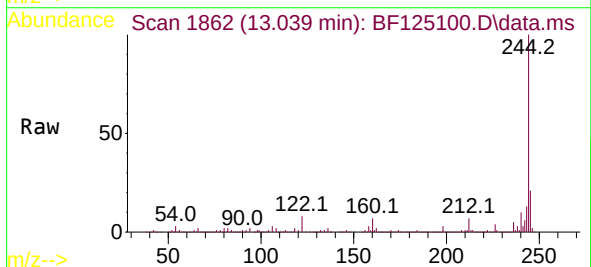
Instrument :
BNA_F
ClientSampleId :
TP4

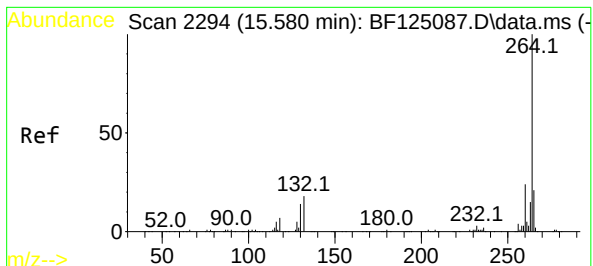
Tgt Ion:240 Resp: 534098
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 26.1 21.6 32.4



#79
Terphenyl-d14
Concen: 75.278 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.006 min
Lab File: BF125100.D
Acq: 18 Aug 2021 21:53

Tgt Ion:244 Resp: 2523759
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 8.4 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: BF125100.D
 Acq: 18 Aug 2021 21:53

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Tgt Ion:264 Resp: 346551
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 20.9 17.2 25.8

