

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
 Data File : BF125792.D
 Acq On : 8 Oct 2021 20:20
 Operator : JU/CG
 Sample : M4145-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SO-DRUM-7-100721

Quant Time: Oct 09 01:05:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 17:16:23 2021
 Response via : Initial Calibration

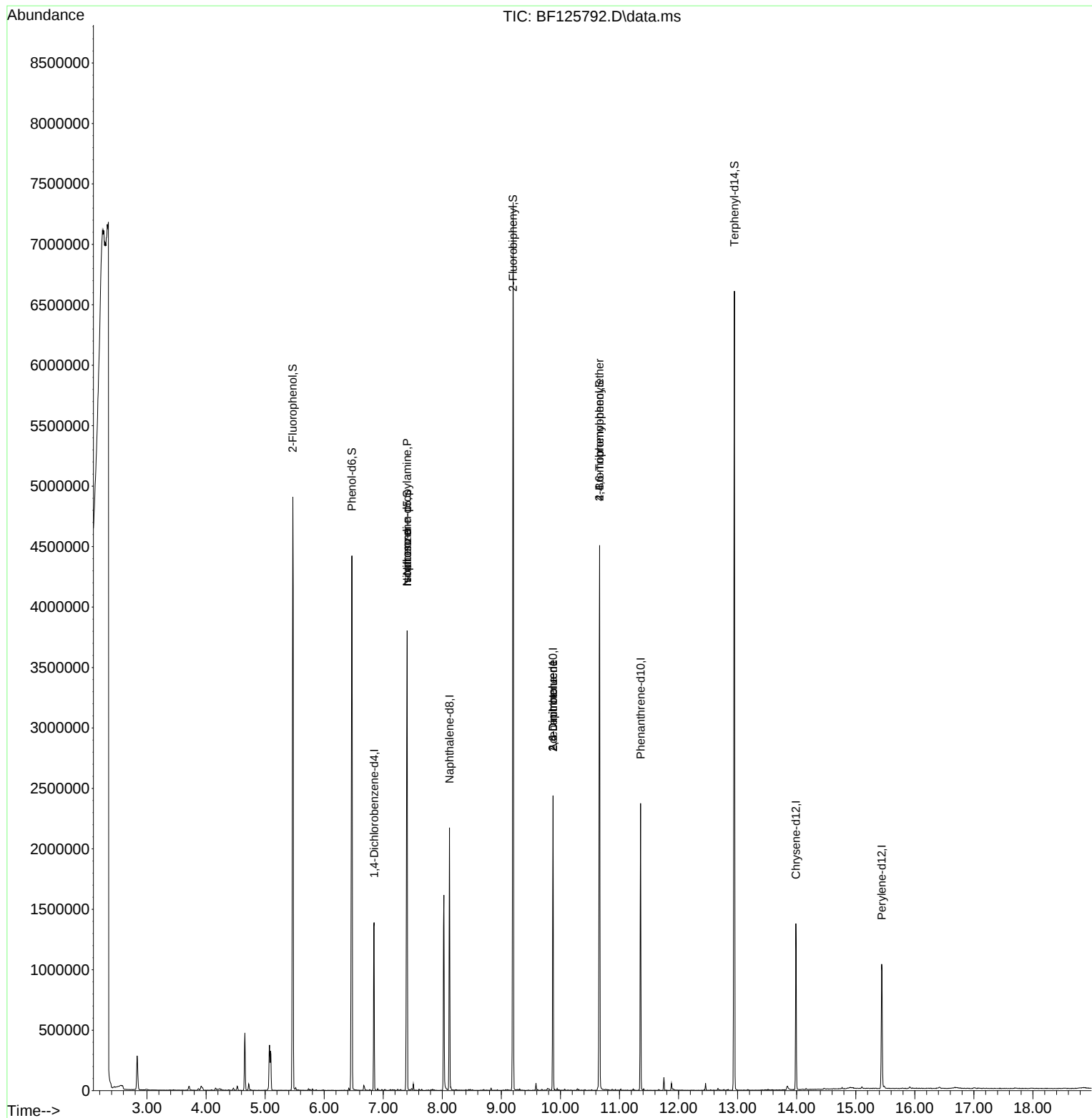
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	220802	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	896440	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	475040	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	784921	20.000	ng	# 0.00
76) Chrysene-d12	13.986	240	451299	20.000	ng	0.00
86) Perylene-d12	15.439	264	453308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1696625	125.527	ng	0.01
7) Phenol-d6	6.469	99	1940993	111.553	ng	0.00
23) Nitrobenzene-d5	7.404	82	1281095	88.833	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	620258	132.248	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2423482	87.994	ng	0.00
79) Terphenyl-d14	12.945	244	2419209	81.655	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	161063	17.535	ng	# 51
25) Isophorone	7.404	82	1279032	50.061	ng	# 59
51) 2,6-Dinitrotoluene	9.874	165	61428	9.718	ng	# 27
57) 2,4-Dinitrotoluene	9.874	165	61428	7.686	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	34953	4.021	ng	# 1

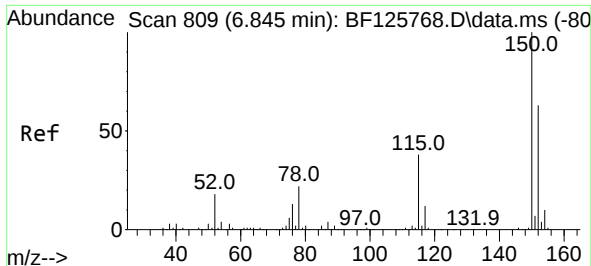
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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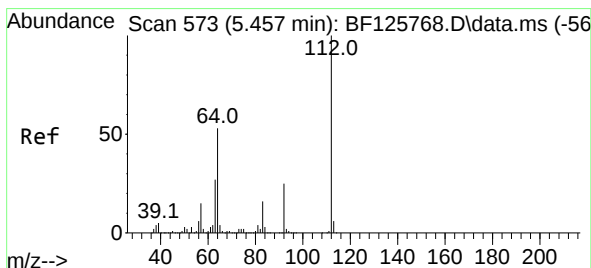
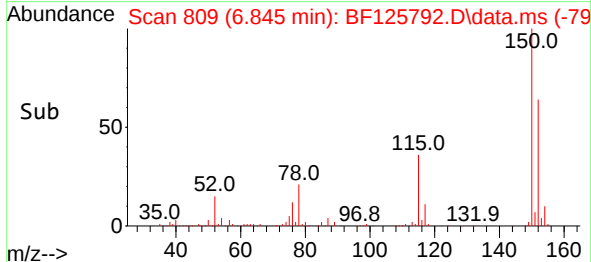
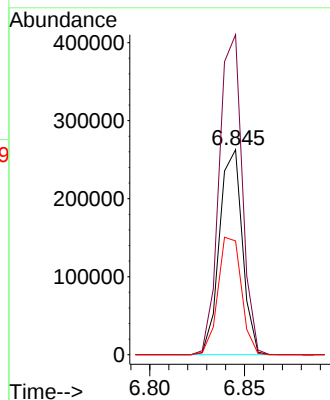
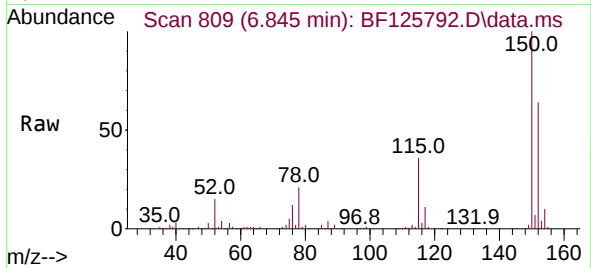




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

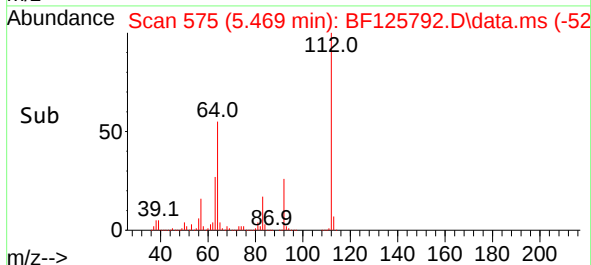
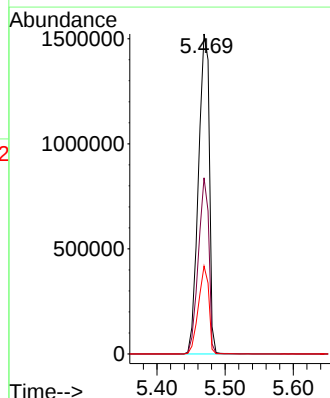
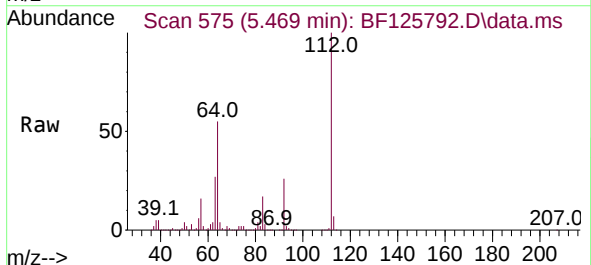
Instrument :
BNA_F
ClientSampleId :
IDW-SO-DRUM-7-100721

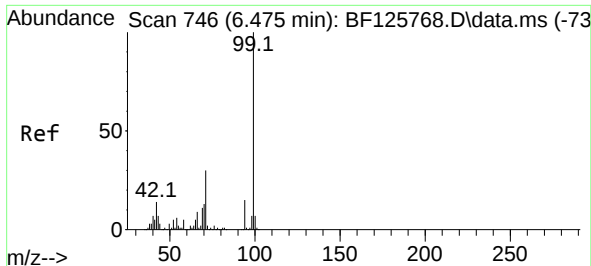
Tgt Ion:152 Resp: 220802
Ion Ratio Lower Upper
152 100
150 156.1 117.6 176.4
115 55.5 47.1 70.7



#5
2-Fluorophenol
Concen: 125.527 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

Tgt Ion:112 Resp: 1696625
Ion Ratio Lower Upper
112 100
64 55.0 44.2 66.2
63 27.5 26.2 39.2

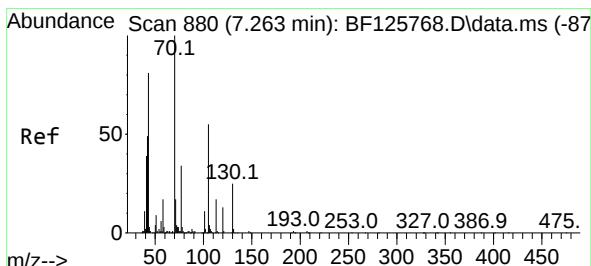
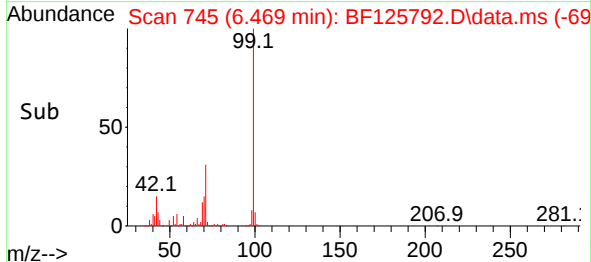
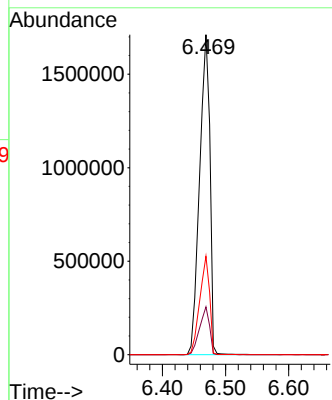
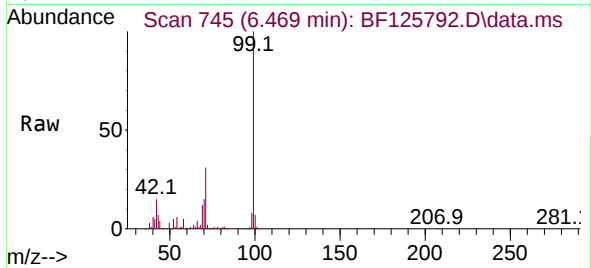




#7
Phenol-d6
Concen: 111.553 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

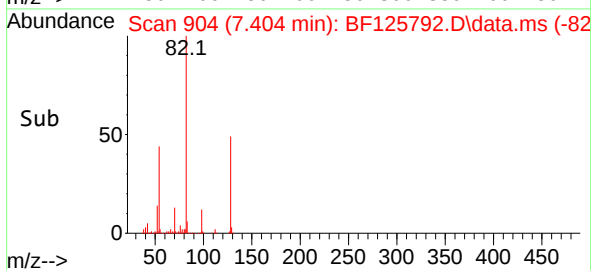
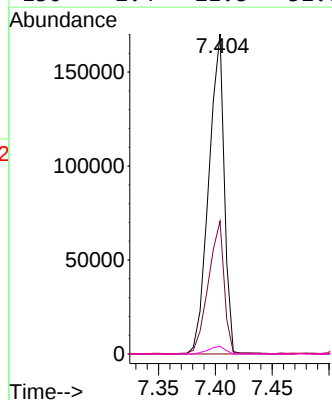
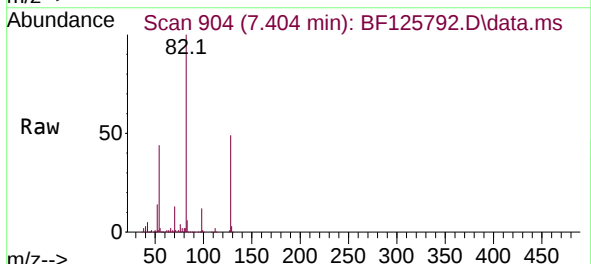
Instrument :
BNA_F
ClientSampleId :
IDW-SO-DRUM-7-100721

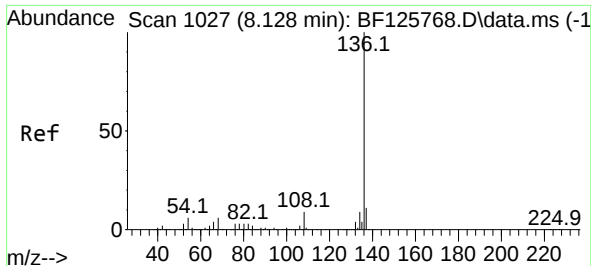
Tgt Ion: 99 Resp: 1940993
Ion Ratio Lower Upper
99 100
42 14.9 23.5 35.3#
71 30.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.535 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

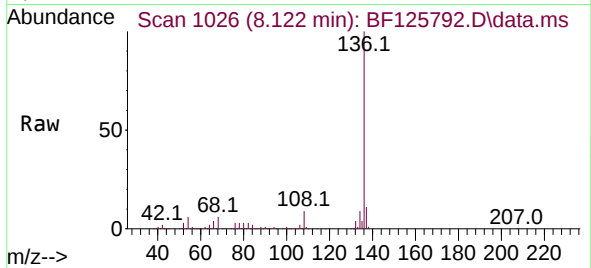
Tgt Ion: 70 Resp: 161063
Ion Ratio Lower Upper
70 100
42 41.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#



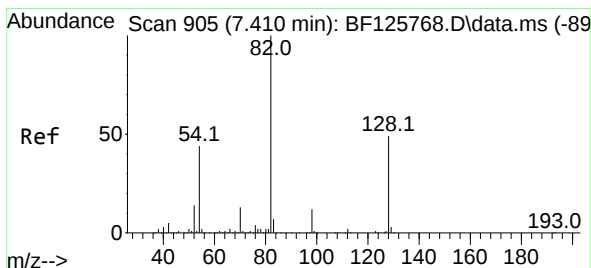
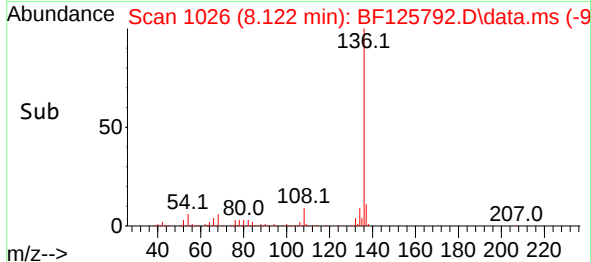
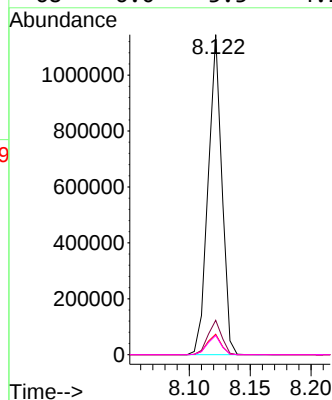


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

Instrument :
BNA_F
ClientSampleId :
IDW-SO-DRUM-7-100721

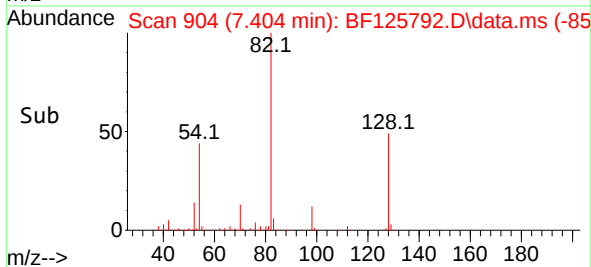
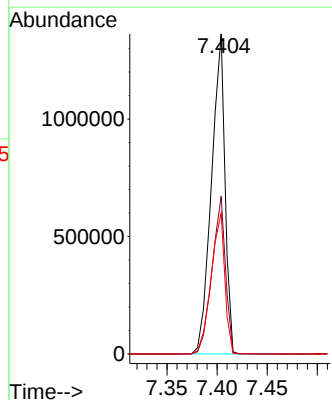
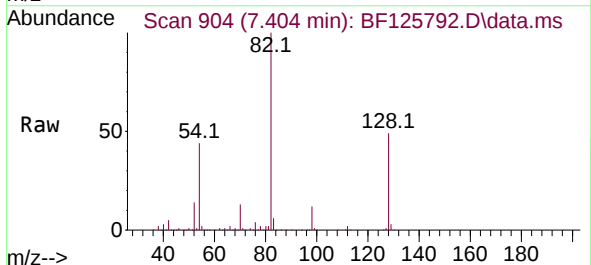


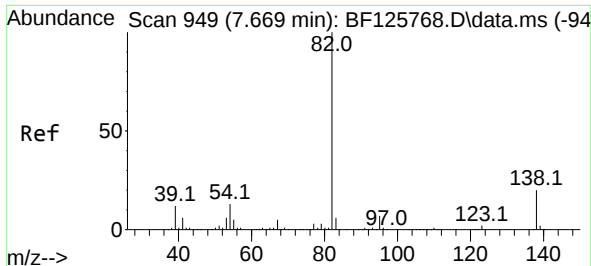
Tgt Ion:136 Resp: 896440
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 6.4 6.4 9.6#
68 6.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 88.833 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

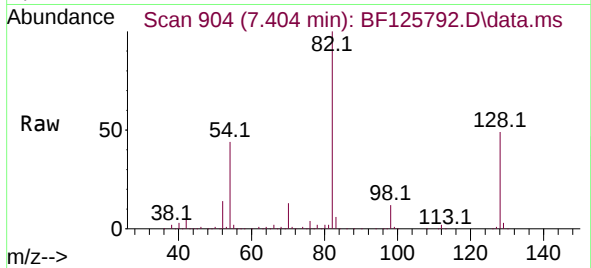
Tgt Ion: 82 Resp: 1281095
Ion Ratio Lower Upper
82 100
128 49.2 40.6 60.8
54 44.0 49.6 74.4#



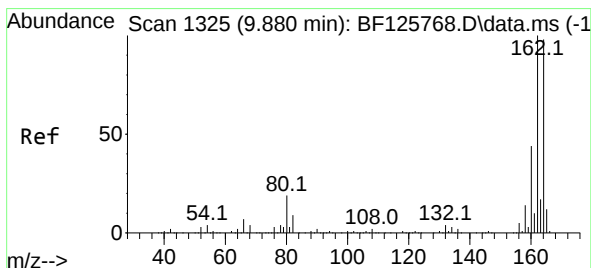
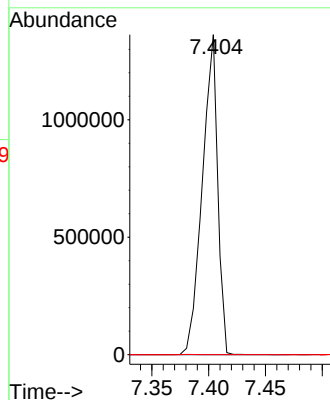
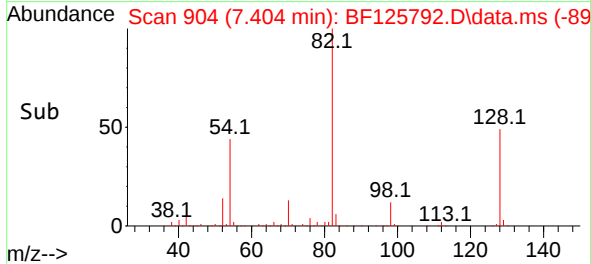


#25
Isophorone
Concen: 50.061 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

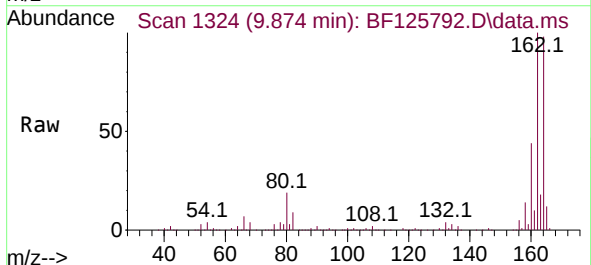
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IDW-SO-DRUM-7-100721



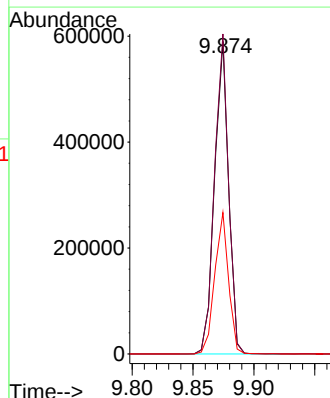
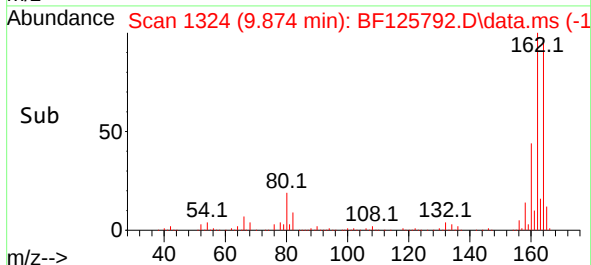
Tgt Ion: 82 Resp: 1279032
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

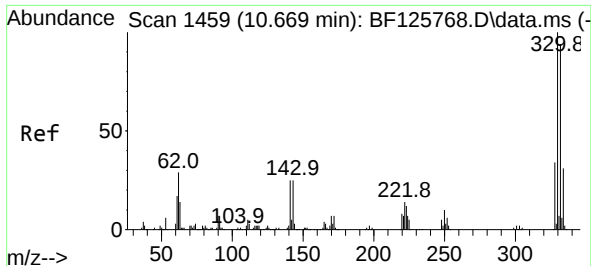


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20



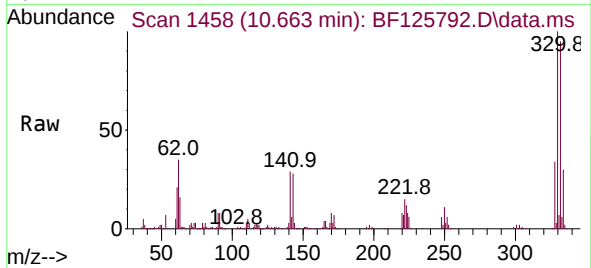
Tgt Ion: 164 Resp: 475040
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 45.3 38.0 57.0



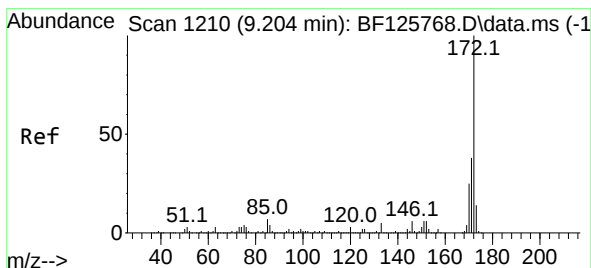
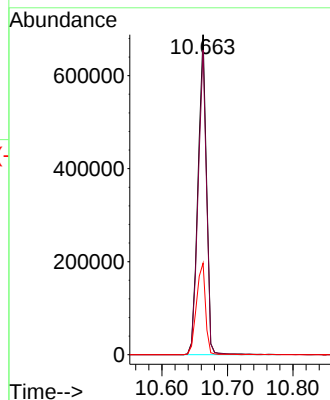
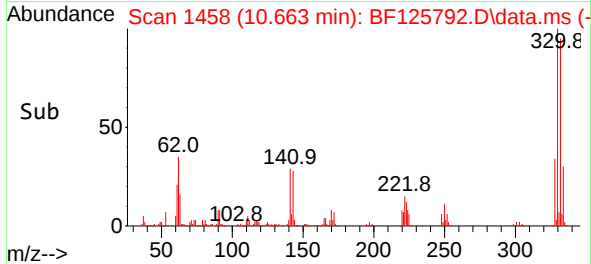


#42
2,4,6-Tribromophenol
Concen: 132.248 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

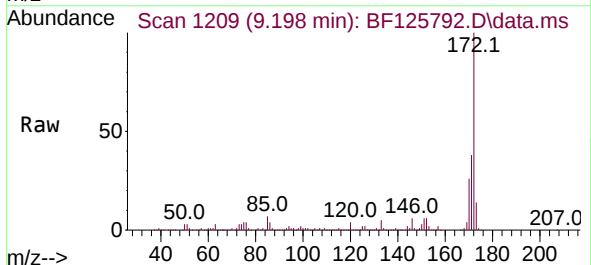
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ClientSampleId :
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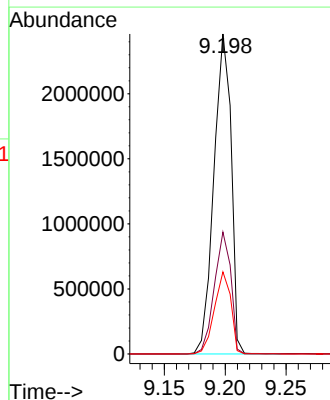
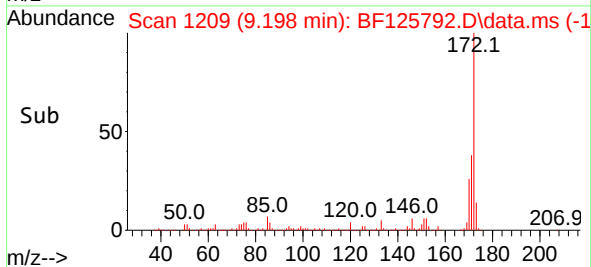
Tgt Ion:330 Resp: 620258
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.4
141 30.5 44.6 66.8#

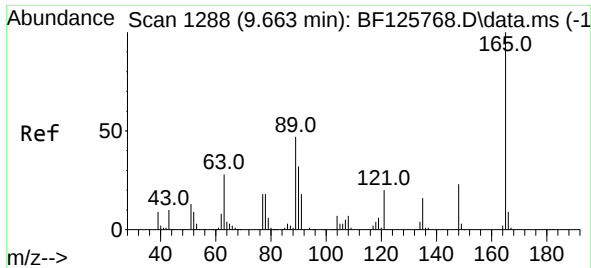


#45
2-Fluorobiphenyl
Concen: 87.994 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20



Tgt Ion:172 Resp: 2423482
Ion Ratio Lower Upper
172 100
171 38.1 26.5 39.7
170 25.7 18.8 28.2

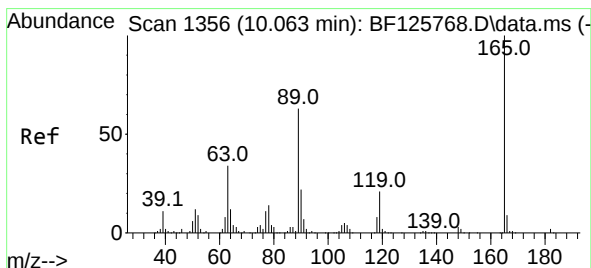
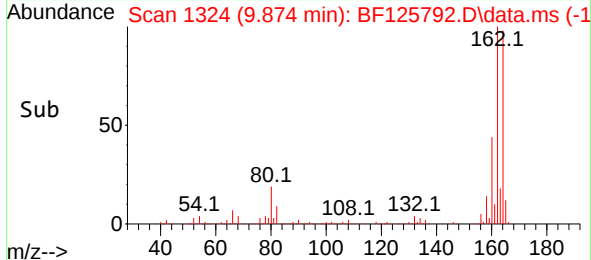
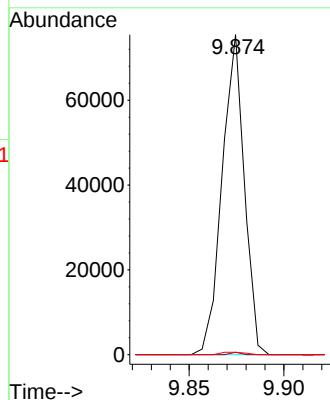
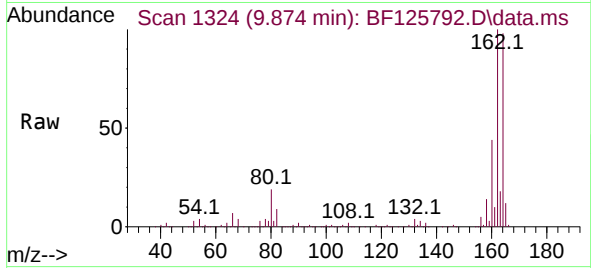




#51
2,6-Dinitrotoluene
Concen: 9.718 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

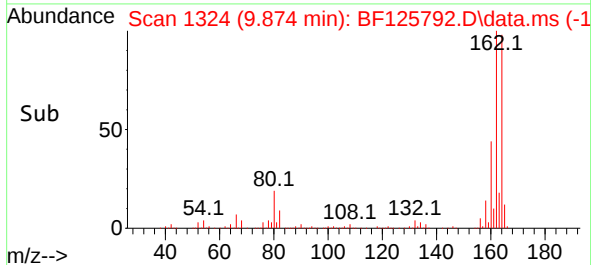
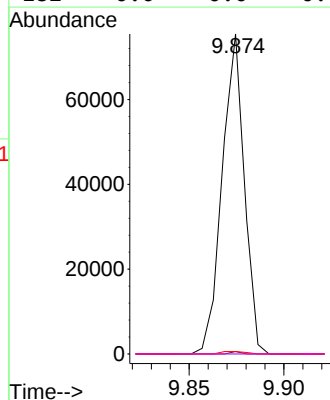
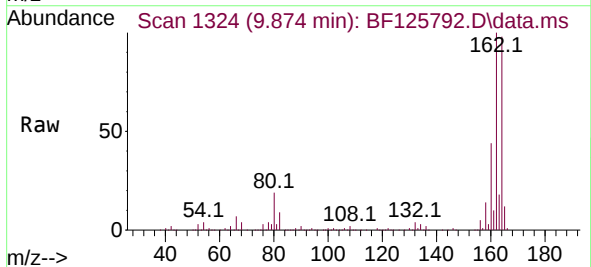
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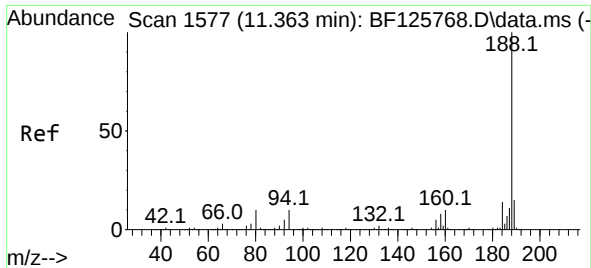
Tgt Ion:165 Resp: 61428
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.686 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

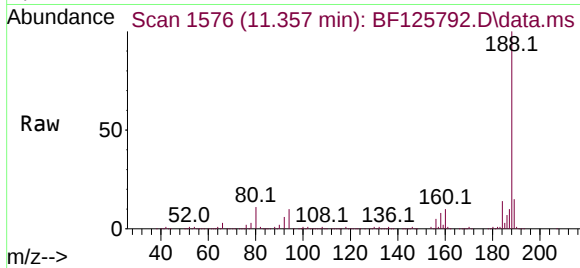
Tgt Ion:165 Resp: 61428
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0



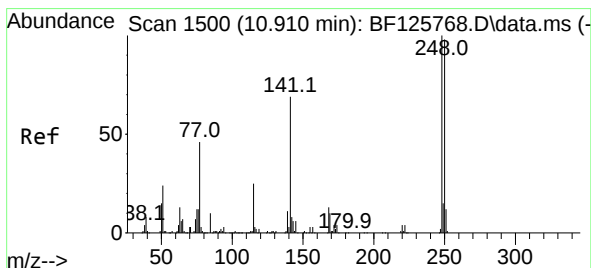
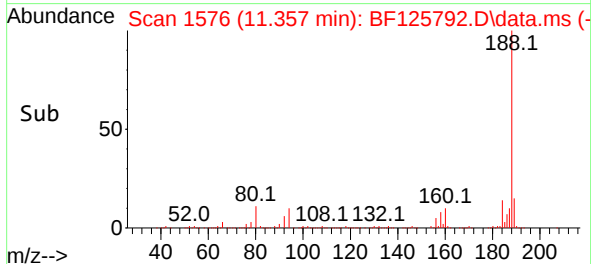
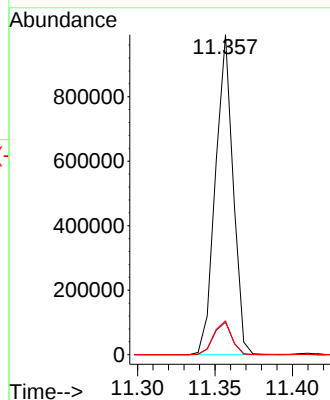


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

Instrument :
BNA_F
ClientSampleId :
IDW-SO-DRUM-7-100721

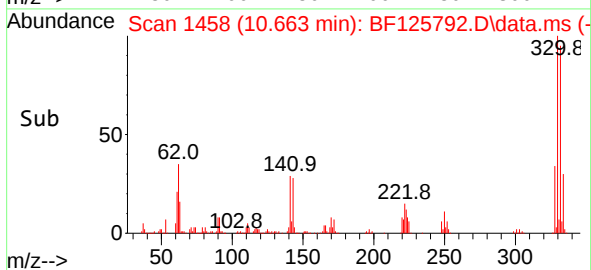
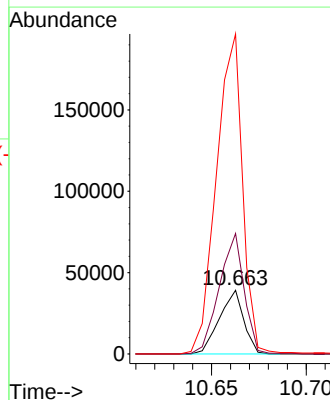
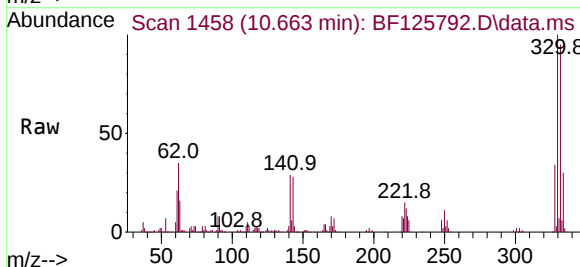


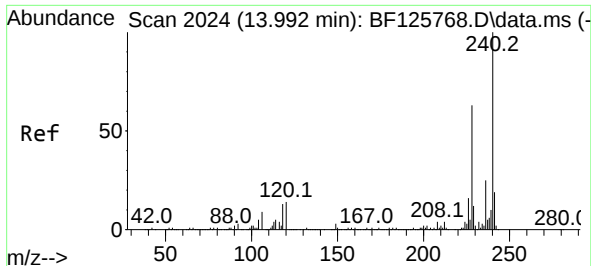
Tgt Ion:188 Resp: 784921
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.021 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

Tgt Ion:248 Resp: 34953
Ion Ratio Lower Upper
248 100
250 189.1 74.2 111.4#
141 502.1 60.4 90.6#

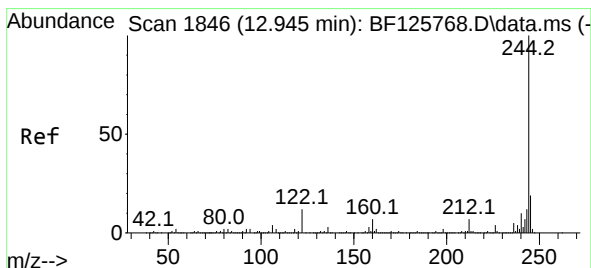
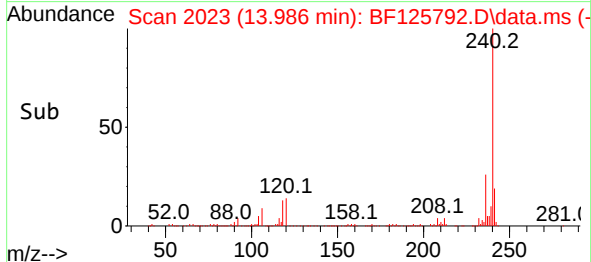
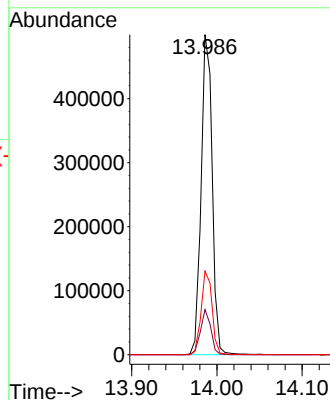
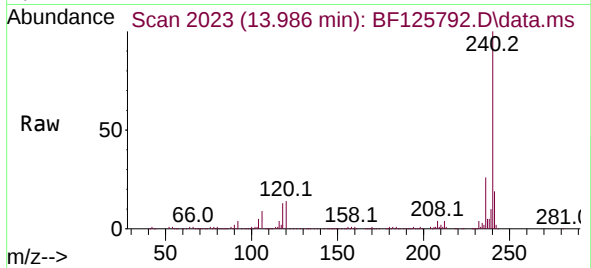




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

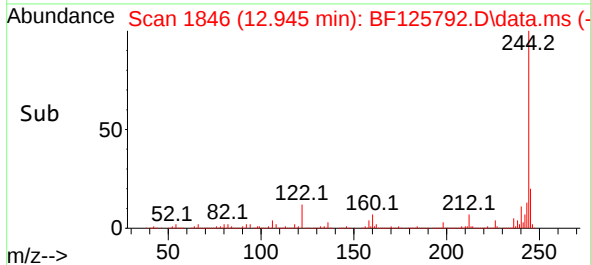
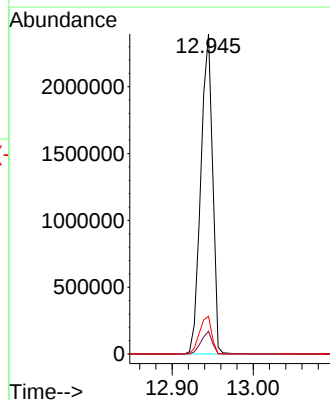
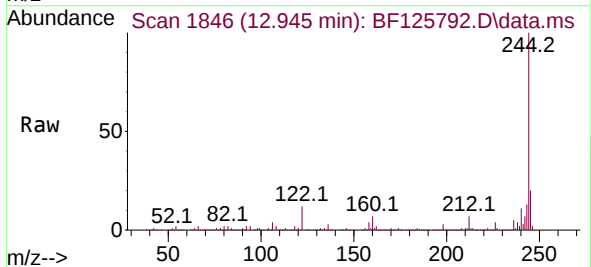
Instrument :
BNA_F
ClientSampleId :
IDW-SO-DRUM-7-100721

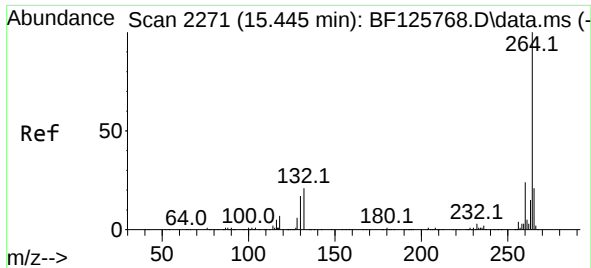
Tgt Ion:240 Resp: 451299
Ion Ratio Lower Upper
240 100
120 14.1 10.8 16.2
236 26.1 21.6 32.4



#79
Terphenyl-d14
Concen: 81.655 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125792.D
Acq: 8 Oct 2021 20:20

Tgt Ion:244 Resp: 2419209
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 11.8 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF125792.D
 Acq: 8 Oct 2021 20:20

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SO-DRUM-7-100721

Tgt Ion:264	Resp: 453308
Ion Ratio	Lower Upper
264	100
260	23.6 19.6 29.4
265	20.6 17.2 25.8

