

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
 Data File : BF125805.D
 Acq On : 12 Oct 2021 16:55
 Operator : JU/CG
 Sample : M4117-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9.5-10.0)

Quant Time: Oct 13 09:44:07 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)

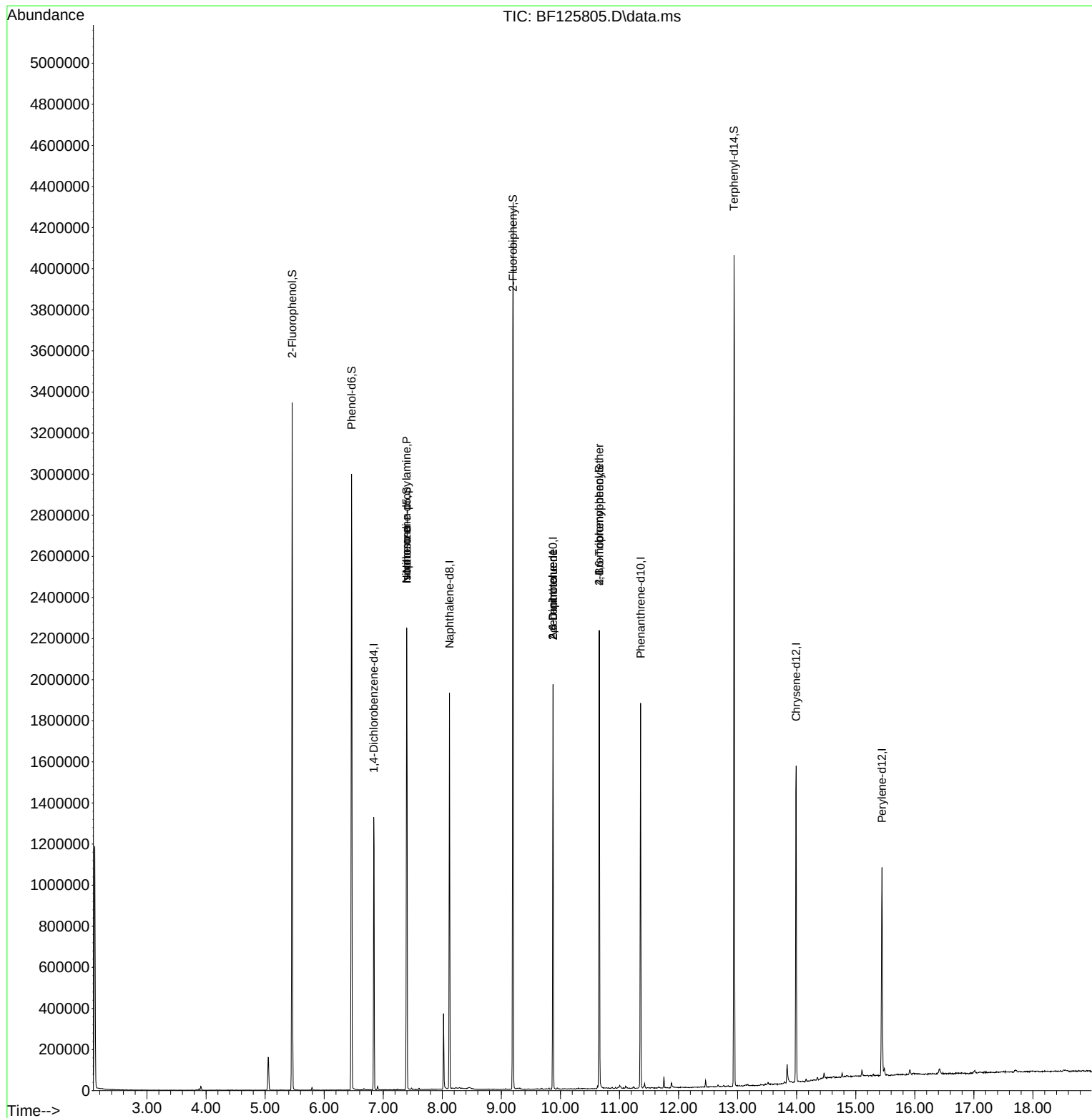
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	204631	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	774688	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	370176	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	616508	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	522597	20.000	ng	0.00
86) Perylene-d12	15.445	264	421984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	978821	78.142	ng	0.00
7) Phenol-d6	6.463	99	1162846	72.113	ng	-0.01
23) Nitrobenzene-d5	7.398	82	705302	56.593	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	251317	68.764	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1315128	61.278	ng	0.00
79) Terphenyl-d14	12.939	244	1400638	40.825	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	87898	10.326	ng	# 50
25) Isophorone	7.398	82	702755	31.829	ng	# 59
51) 2,6-Dinitrotoluene	9.875	165	48078	9.761	ng	# 27
57) 2,4-Dinitrotoluene	9.875	165	48078	7.720	ng	# 19
67) 4-Bromophenyl-phenylether	10.657	248	13950	2.043	ng	# 1

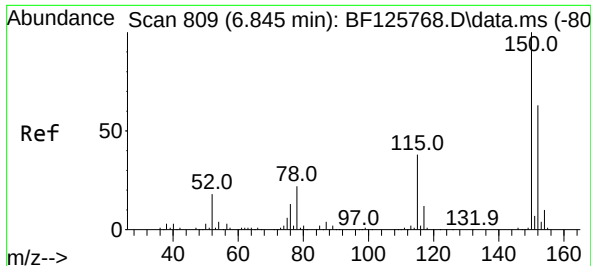
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 17:16:23 2021
Response via : Initial Calibration

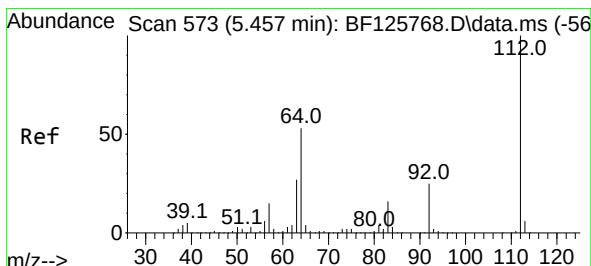
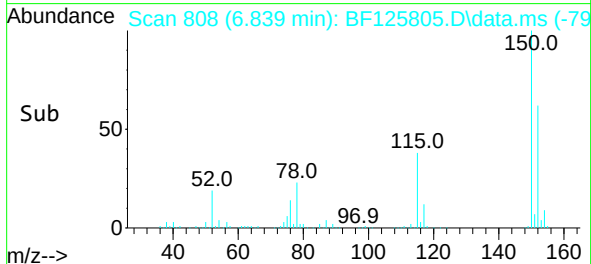
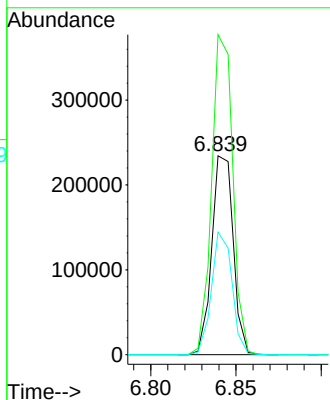
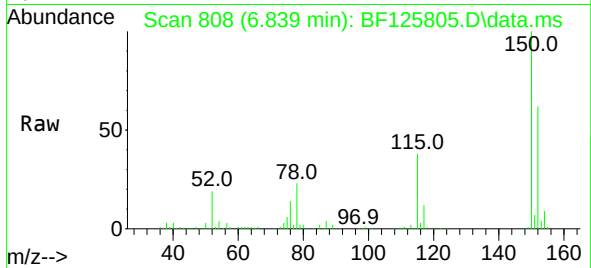




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

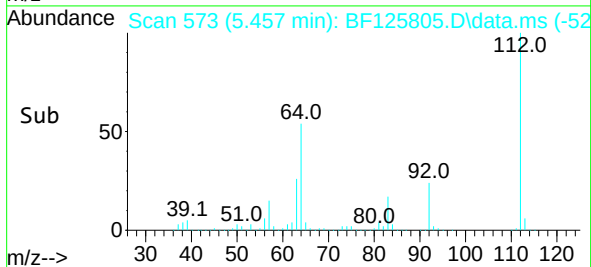
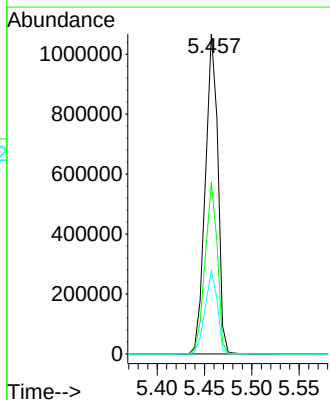
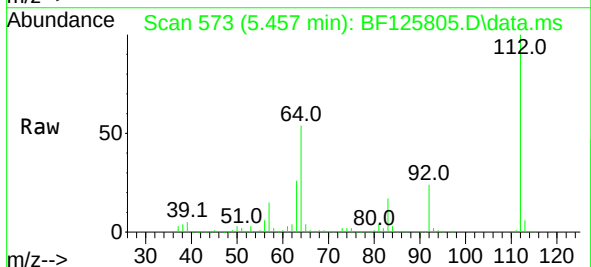
Instrument :
BNA_F
ClientSampleId :
SB-5(9.5-10.0)

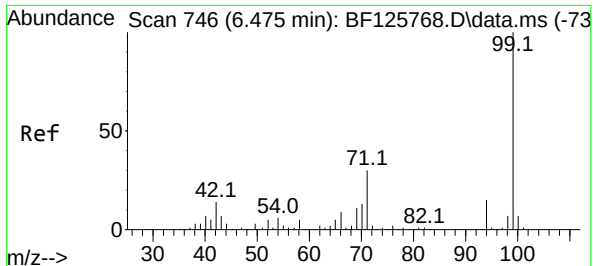
Tgt Ion:152 Resp: 204631
Ion Ratio Lower Upper
152 100
150 160.9 117.6 176.4
115 61.6 47.1 70.7



#5
2-Fluorophenol
Concen: 78.142 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

Tgt Ion:112 Resp: 978821
Ion Ratio Lower Upper
112 100
64 53.6 44.2 66.2
63 25.9 26.2 39.2#

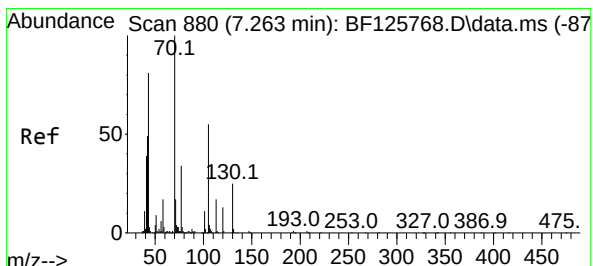
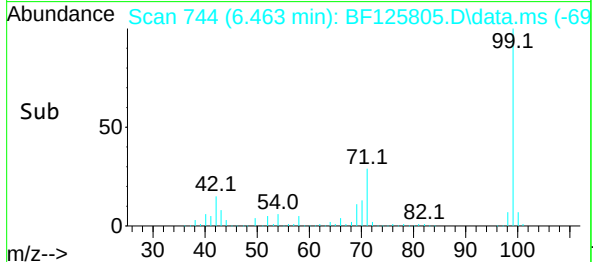
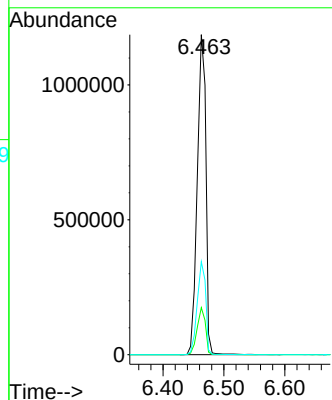
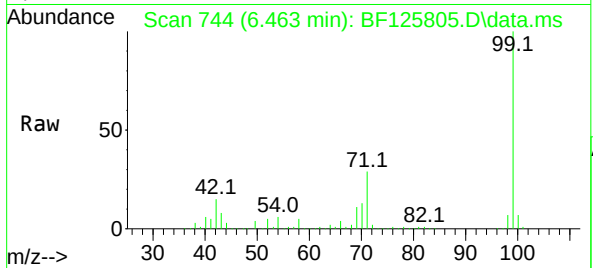




#7
Phenol-d6
Concen: 72.113 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

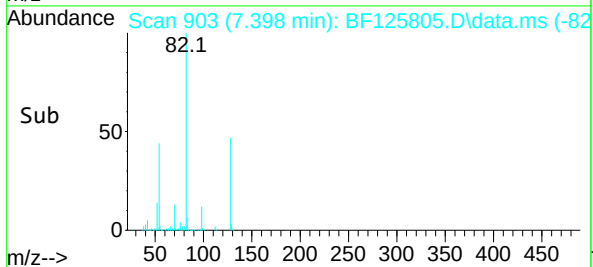
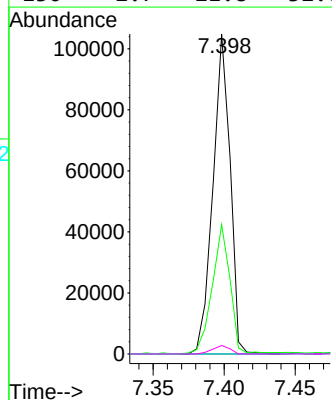
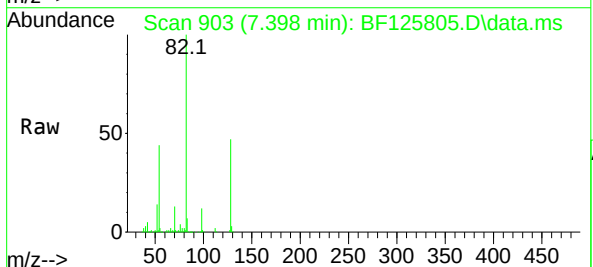
Instrument :
BNA_F
ClientSampleId :
SB-5(9.5-10.0)

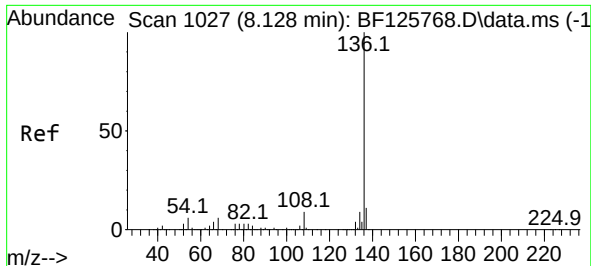
Tgt Ion: 99 Resp: 1162846
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 29.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.326 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

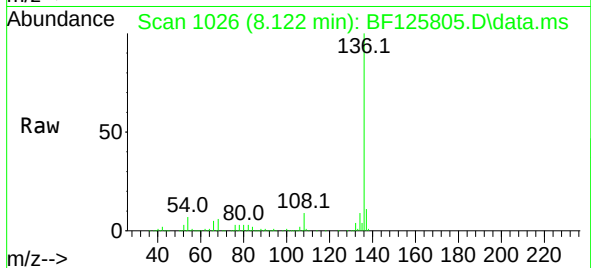
Tgt Ion: 70 Resp: 87898
Ion Ratio Lower Upper
70 100
42 40.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.7 21.8 32.6#



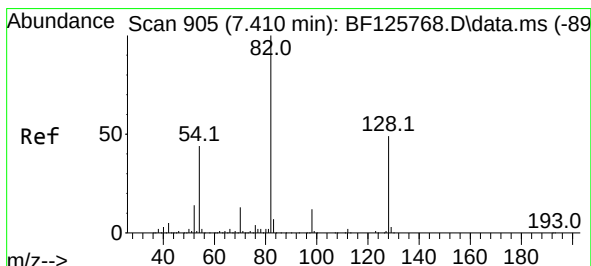
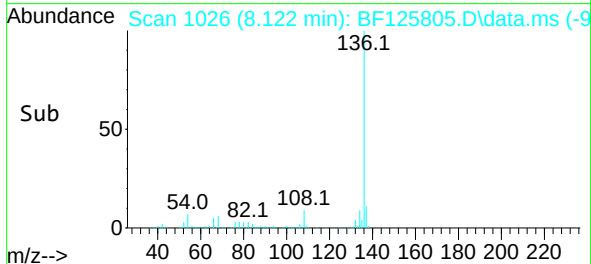
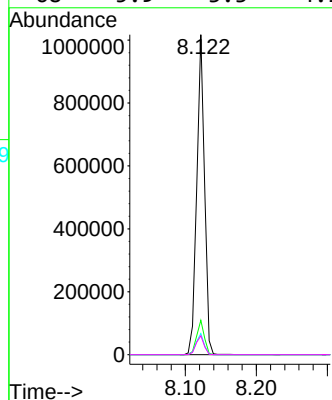


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

Instrument :
BNA_F
ClientSampleId :
SB-5(9.5-10.0)

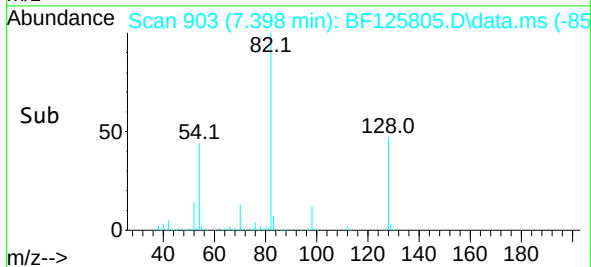
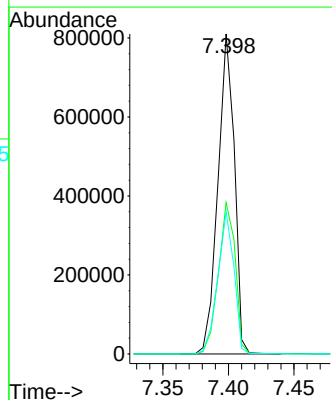
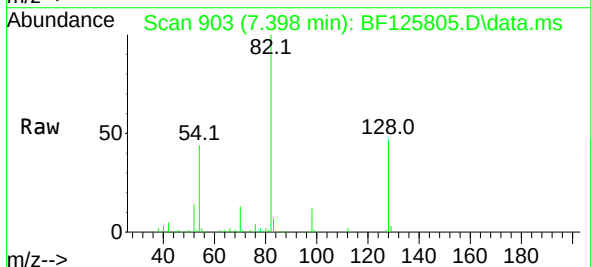


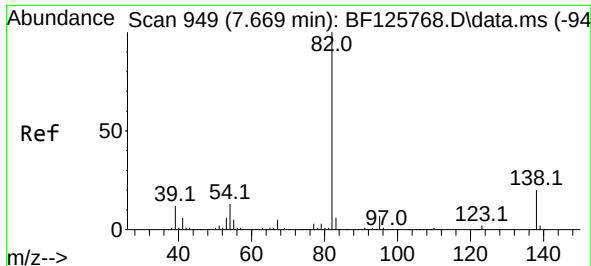
Tgt Ion:136 Resp: 774688
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 6.6 6.4 9.6
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 56.593 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

Tgt Ion: 82 Resp: 705302
Ion Ratio Lower Upper
82 100
128 47.3 40.6 60.8
54 44.4 49.6 74.4#

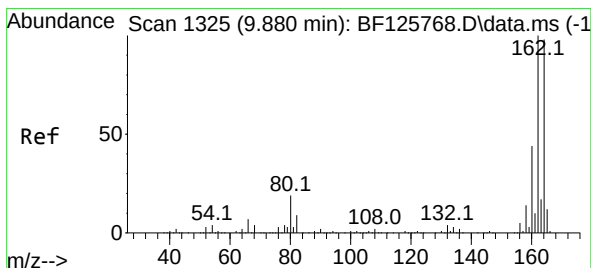
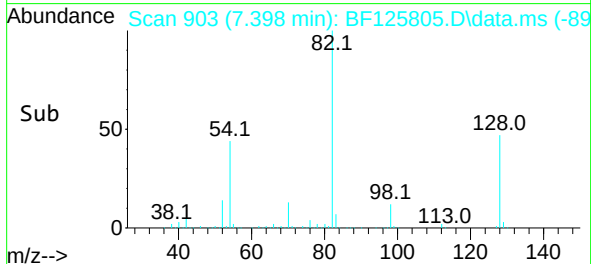
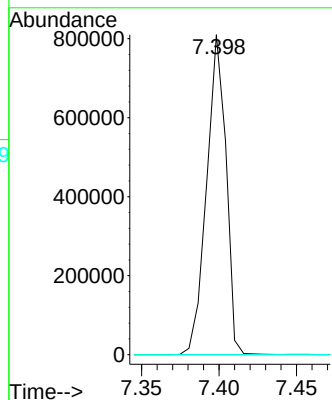
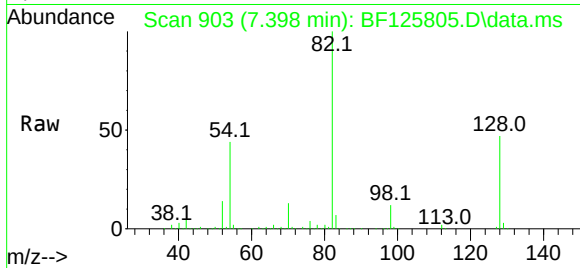




#25
Isophorone
Concen: 31.829 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.270 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

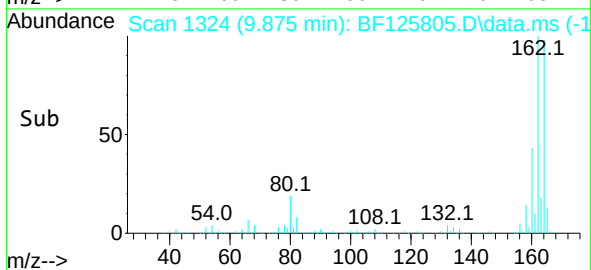
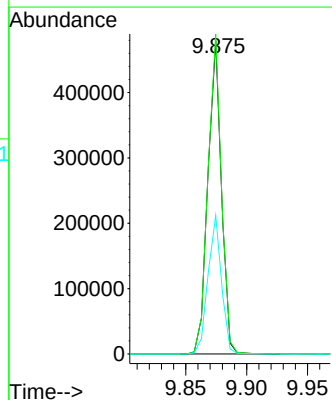
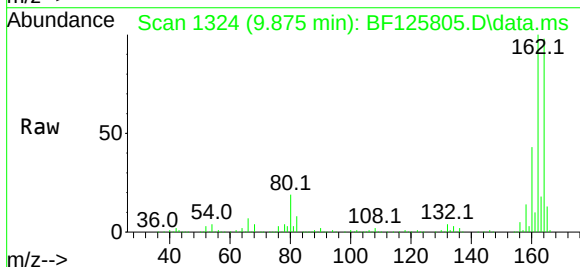
Instrument :
BNA_F
ClientSampleId :
SB-5(9.5-10.0)

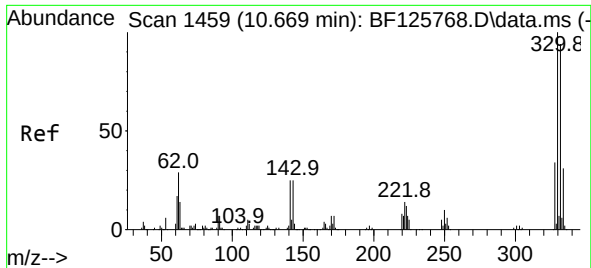
Tgt Ion: 82 Resp: 702755
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

Tgt Ion: 164 Resp: 370176
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 44.3 38.0 57.0

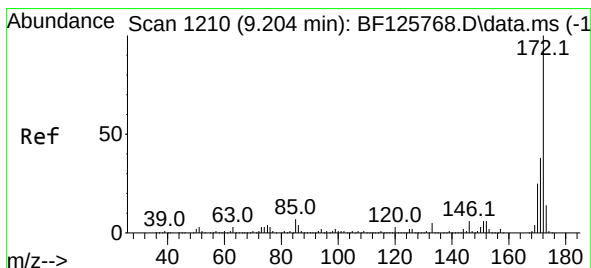
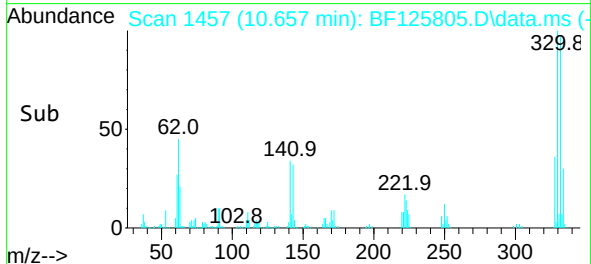
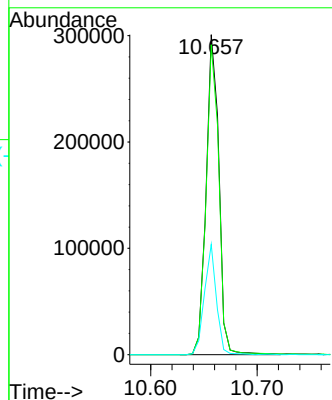
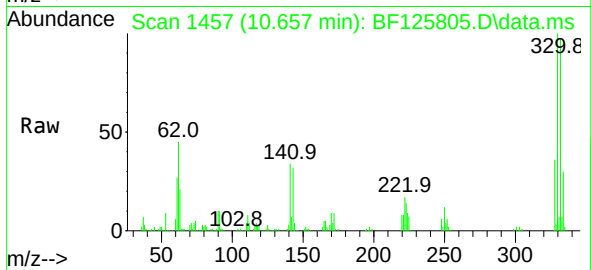




#42
2,4,6-Tribromophenol
Concen: 68.764 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

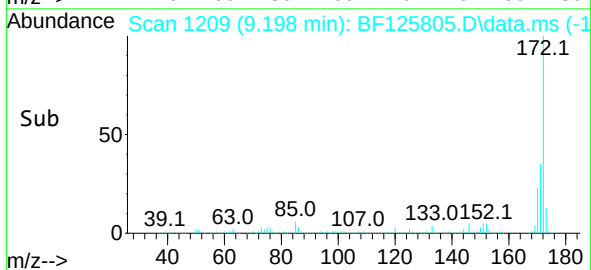
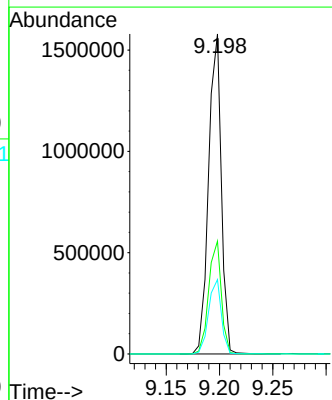
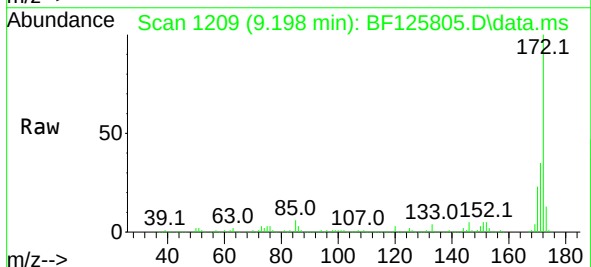
Instrument :
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SB-5(9.5-10.0)

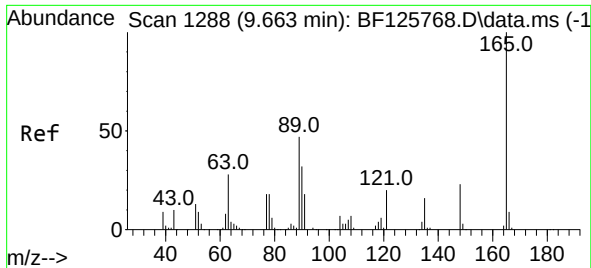
Tgt Ion: 330 Resp: 251317
Ion Ratio Lower Upper
330 100
332 97.6 76.2 114.4
141 32.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 61.278 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

Tgt Ion: 172 Resp: 1315128
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.3 18.8 28.2

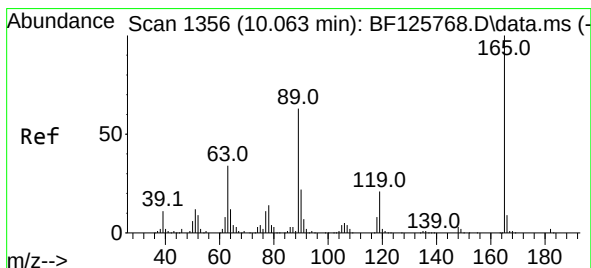
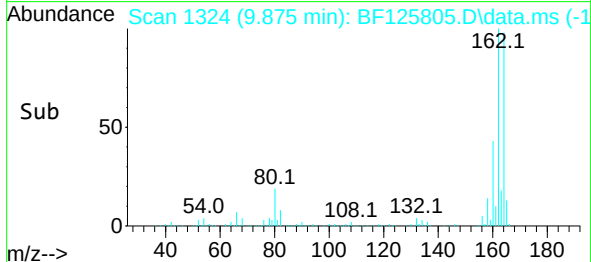
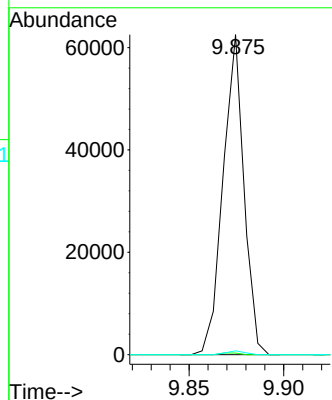
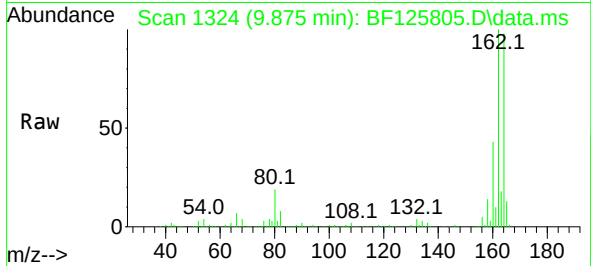




#51
2,6-Dinitrotoluene
Concen: 9.761 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

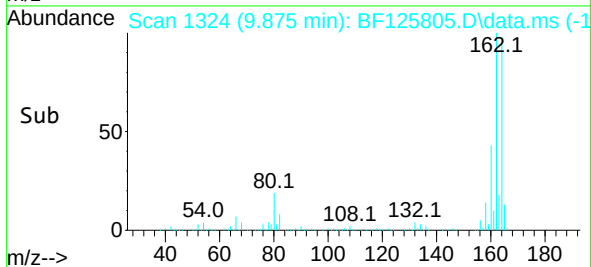
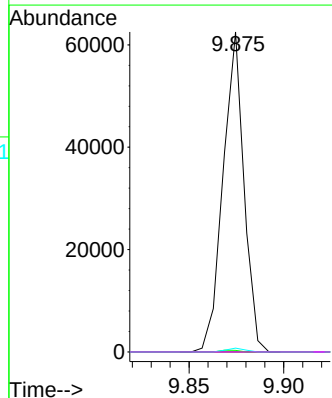
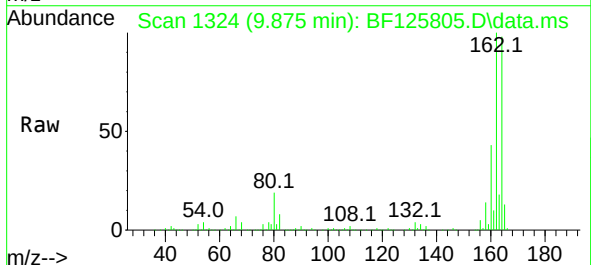
Instrument :
BNA_F
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SB-5(9.5-10.0)

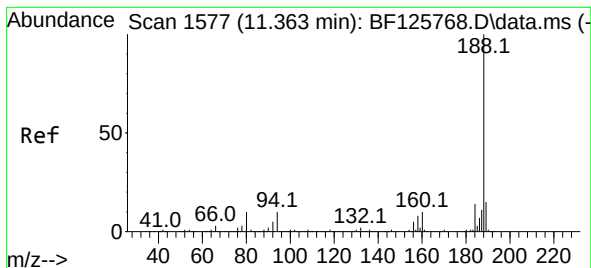
Tgt Ion:165 Resp: 48078
Ion Ratio Lower Upper
165 100
63 0.5 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.720 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

Tgt Ion:165 Resp: 48078
Ion Ratio Lower Upper
165 100
63 0.5 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

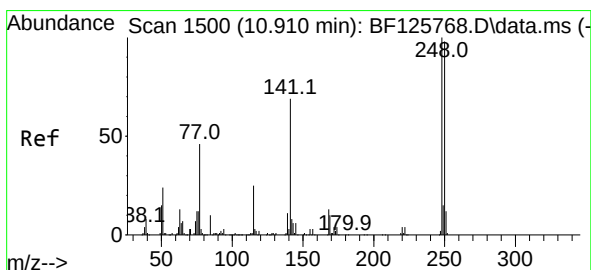
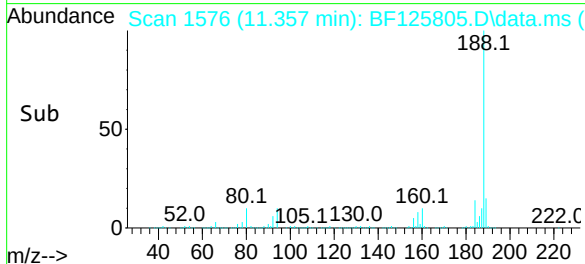
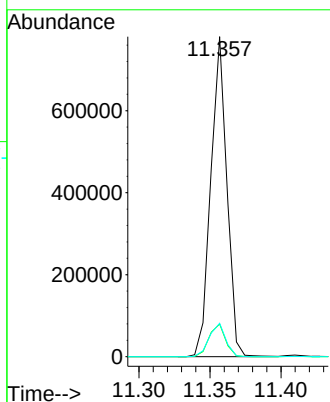
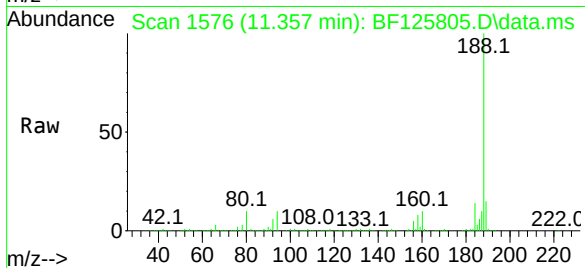




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

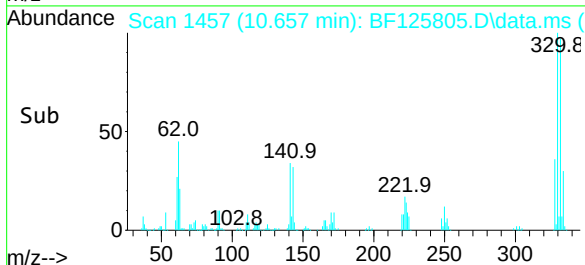
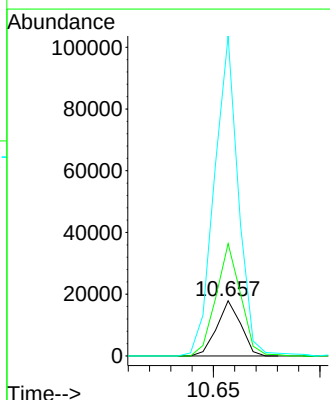
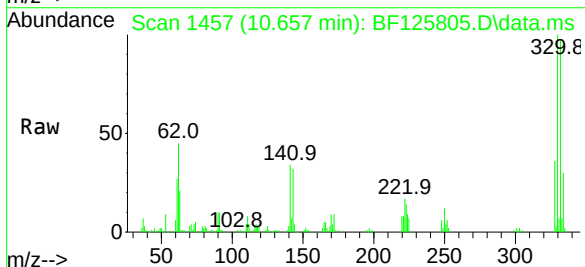
Instrument :
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SB-5(9.5-10.0)

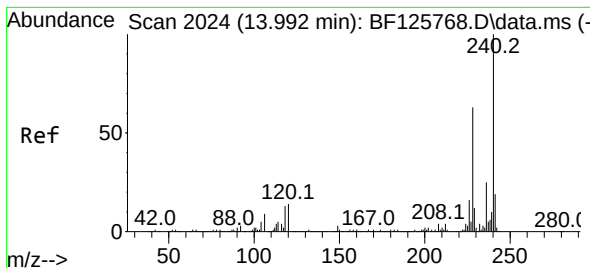
Tgt Ion:188 Resp: 616508
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.043 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.253 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

Tgt Ion:248 Resp: 13950
Ion Ratio Lower Upper
248 100
250 203.2 74.2 111.4#
141 579.0 60.4 90.6#

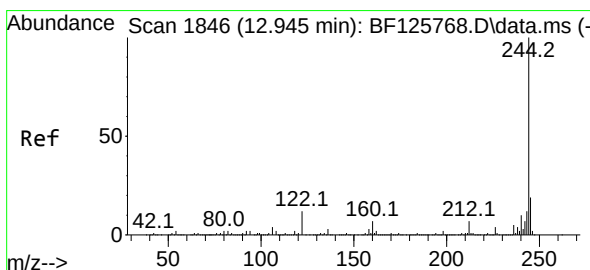
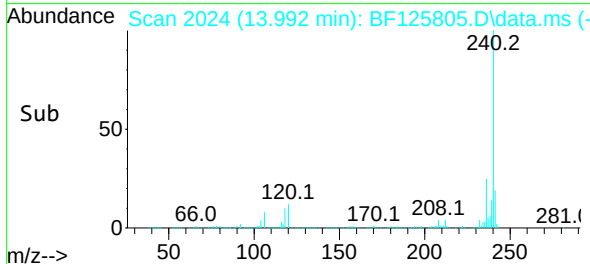
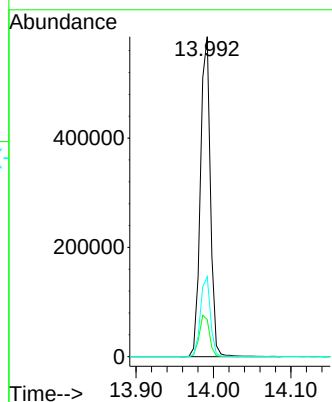
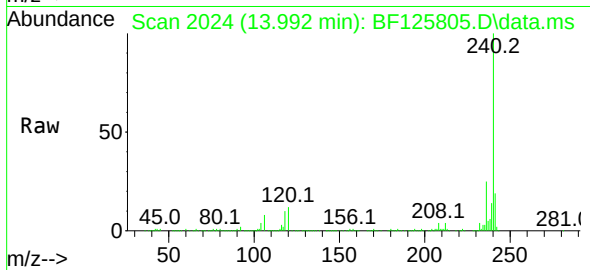




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

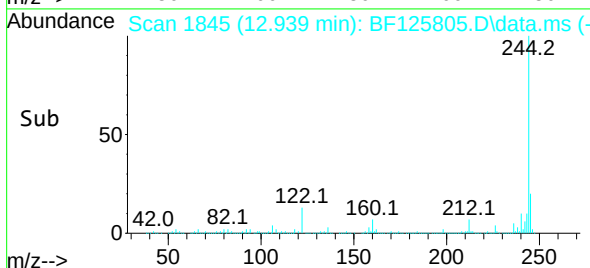
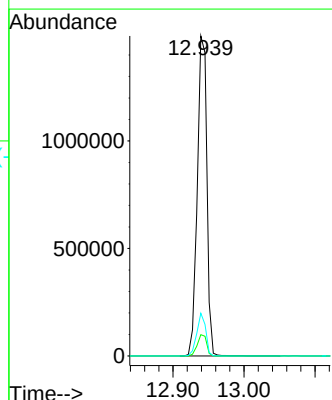
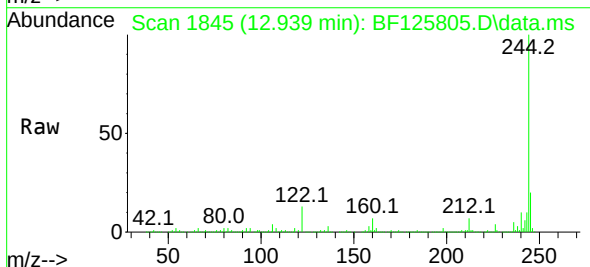
Instrument :
BNA_F
ClientSampleId :
SB-5(9.5-10.0)

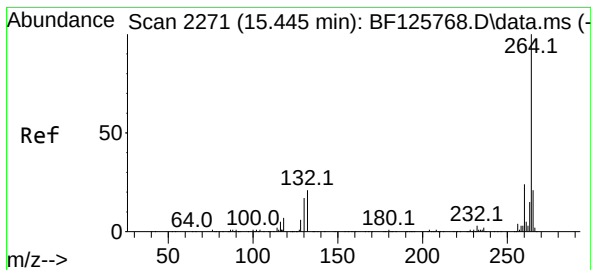
Tgt Ion:240 Resp: 522597
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 25.0 21.6 32.4



#79
Terphenyl-d14
Concen: 40.825 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

Tgt Ion:244 Resp: 1400638
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 13.3 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF125805.D
 Acq: 12 Oct 2021 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9.5-10.0)

Tgt Ion:264 Resp: 421984
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 22.0 17.2 25.8

