

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
 Data File : BF125789.D
 Acq On : 8 Oct 2021 18:42
 Operator : JU/CG
 Sample : M411-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROWS-2

Quant Time: Oct 09 01:04:45 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)

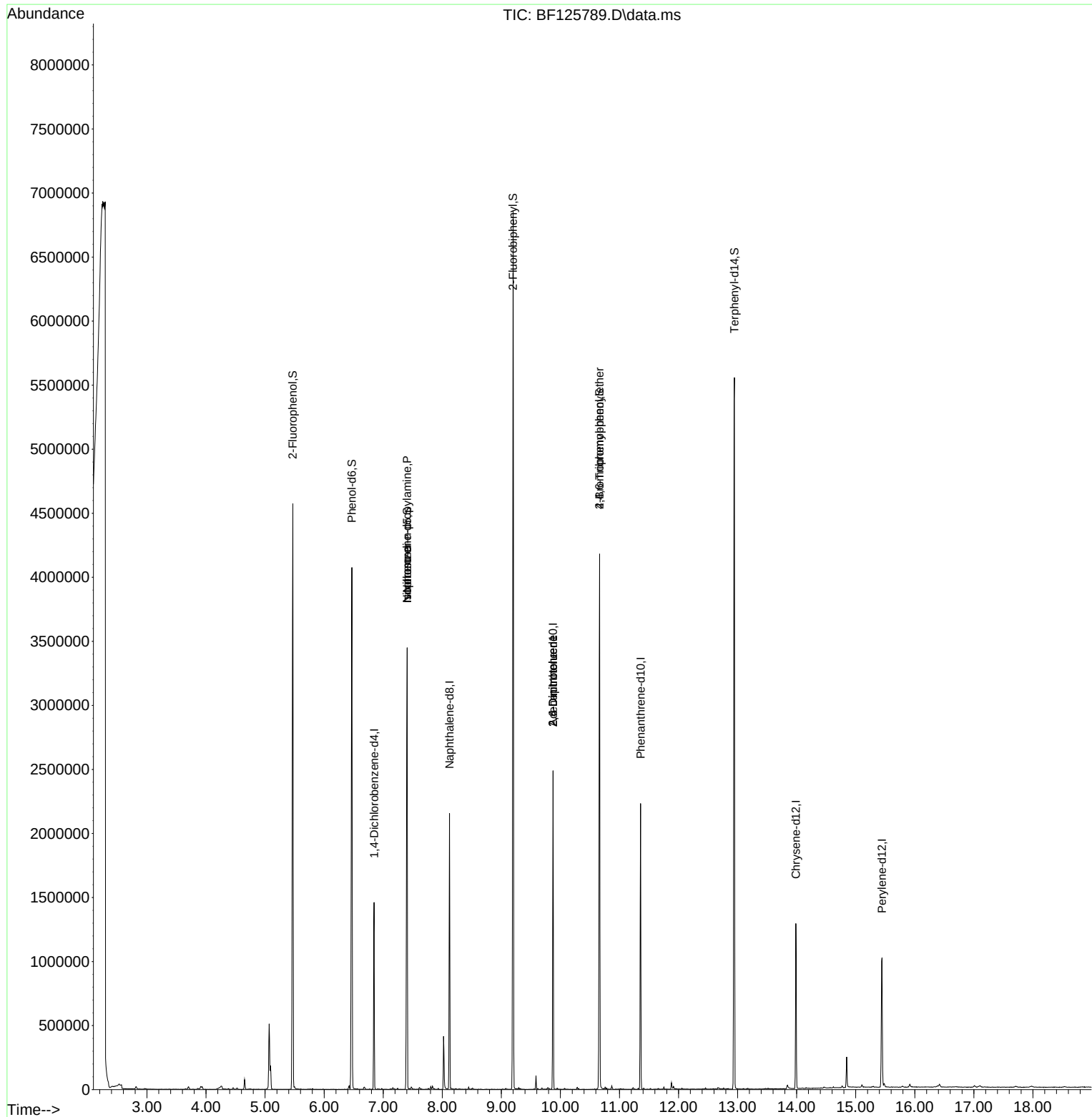
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	220494	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	892380	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	466198	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	748267	20.000	ng	0.00
76) Chrysene-d12	13.986	240	412903	20.000	ng	0.00
86) Perylene-d12	15.445	264	453560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1453243	107.670	ng	0.01
7) Phenol-d6	6.469	99	1624285	93.482	ng	0.00
23) Nitrobenzene-d5	7.404	82	1141346	79.502	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	548167	119.094	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2203125	81.510	ng	0.00
79) Terphenyl-d14	12.945	244	2048571	75.574	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	145039	15.813	ng	# 51
25) Isophorone	7.404	82	1141112	44.866	ng	# 59
51) 2,6-Dinitrotoluene	9.875	165	58216	9.385	ng	# 27
57) 2,4-Dinitrotoluene	9.875	165	58216	7.422	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	30496	3.680	ng	# 1

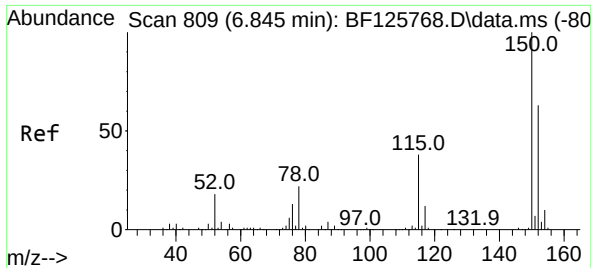
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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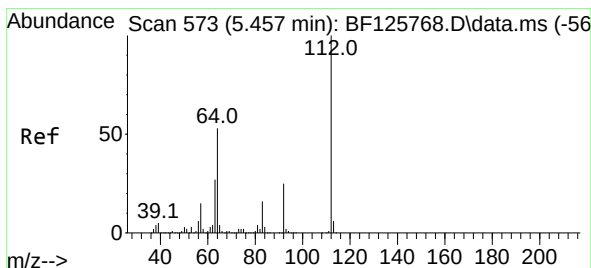
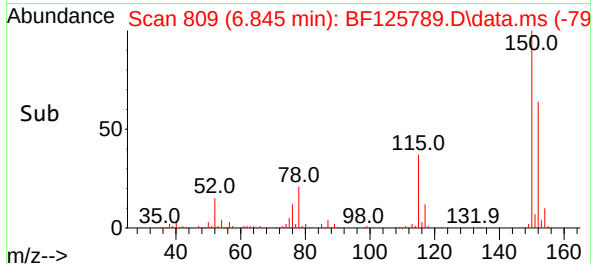
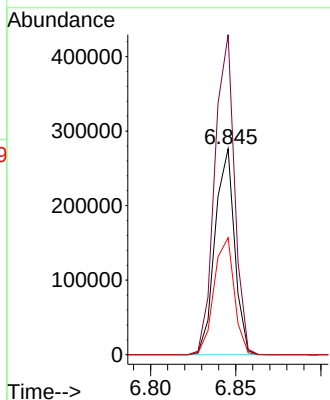
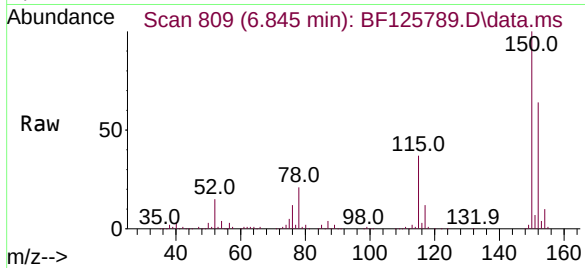




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 809
 Delta R.T. 0.000 min
 Lab File: BF125789.D
 Acq: 8 Oct 2021 18:42

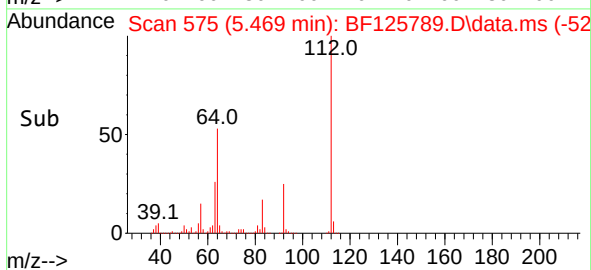
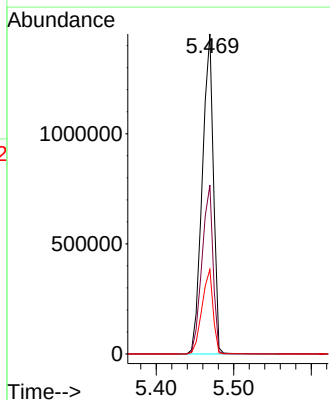
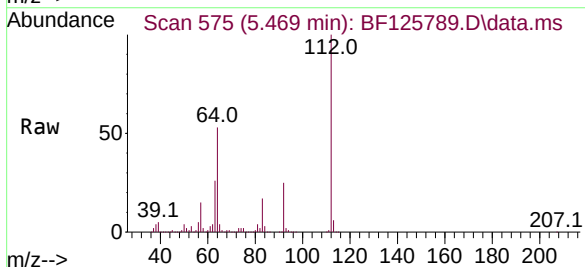
Instrument :
 BNA_F
 ClientSampleId :
 GROWS-2

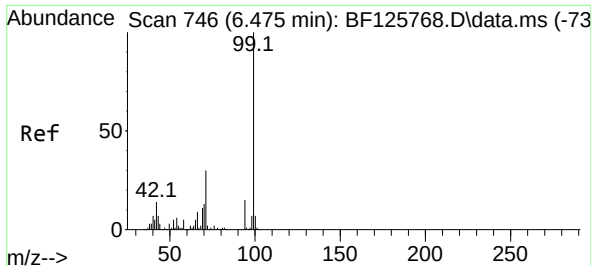
Tgt Ion:152 Resp: 220494
 Ion Ratio Lower Upper
 152 100
 150 155.4 117.6 176.4
 115 56.8 47.1 70.7



#5
 2-Fluorophenol
 Concen: 107.670 ng
 RT: 5.469 min Scan# 575
 Delta R.T. 0.012 min
 Lab File: BF125789.D
 Acq: 8 Oct 2021 18:42

Tgt Ion:112 Resp: 1453243
 Ion Ratio Lower Upper
 112 100
 64 52.8 44.2 66.2
 63 26.4 26.2 39.2



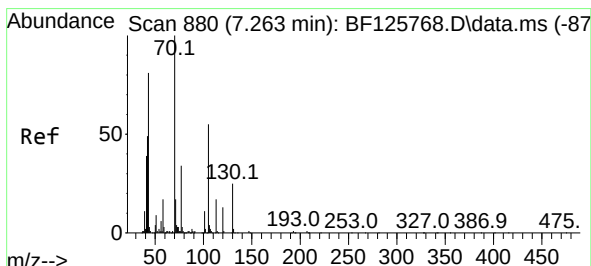
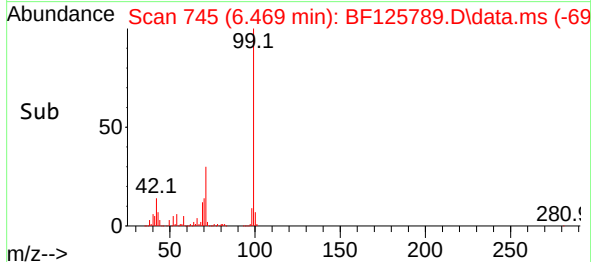
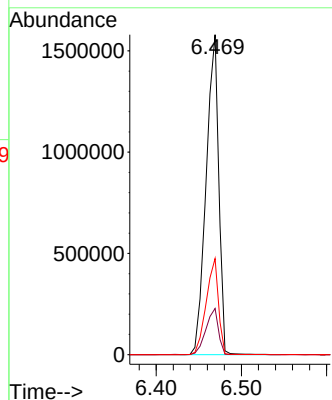
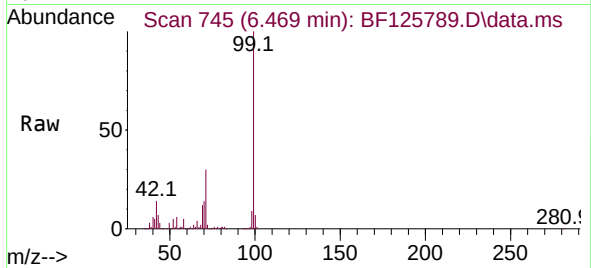


#7
Phenol-d6
Concen: 93.482 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

Instrument :
BNA_F
ClientSampleId :
GROWS-2

Tgt Ion: 99 Resp: 1624285

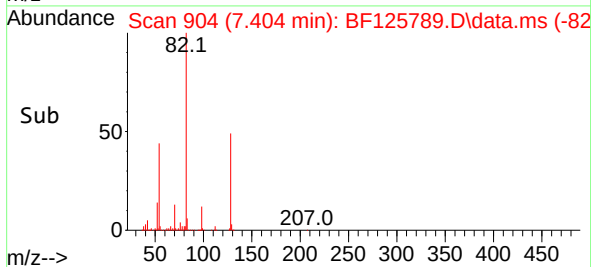
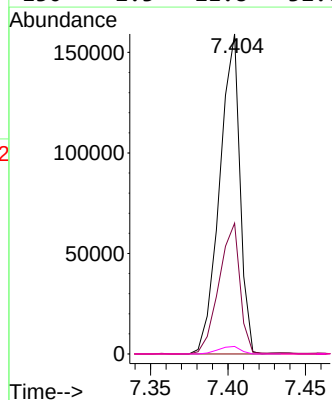
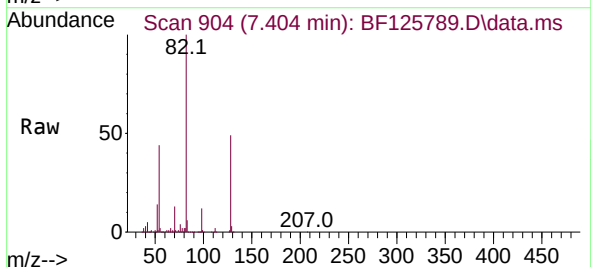
Ion	Ratio	Lower	Upper
99	100		
42	14.5	23.5	35.3#
71	30.1	25.6	38.4

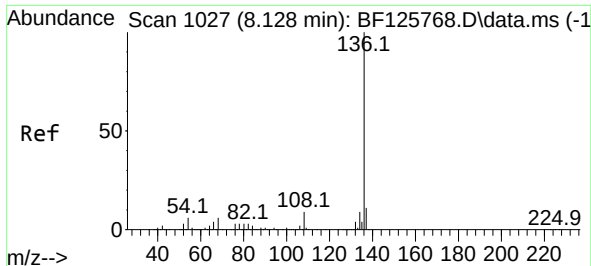


#19
n-Nitroso-di-n-propylamine
Concen: 15.813 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

Tgt Ion: 70 Resp: 145039

Ion	Ratio	Lower	Upper
70	100		
42	40.8	72.2	108.2#
101	0.0	7.8	11.8#
130	2.3	21.8	32.6#

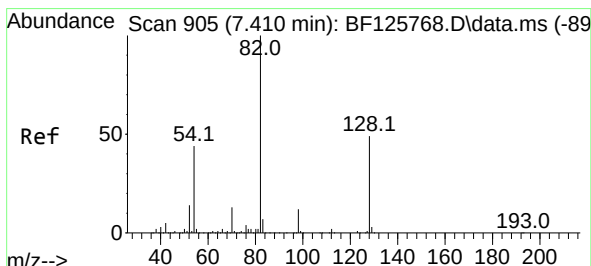
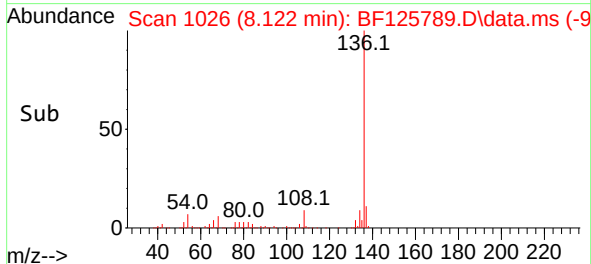
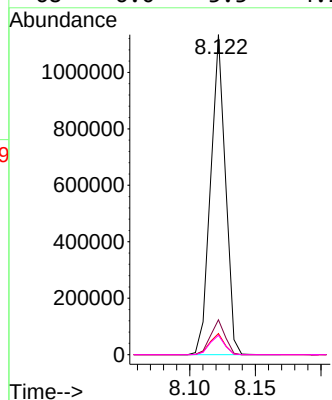
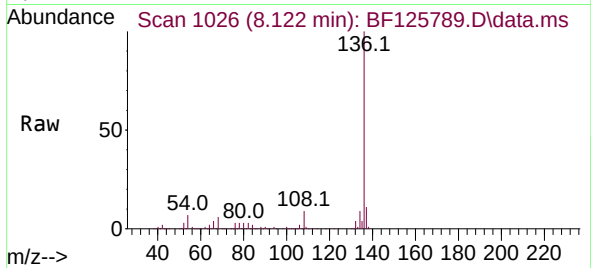




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

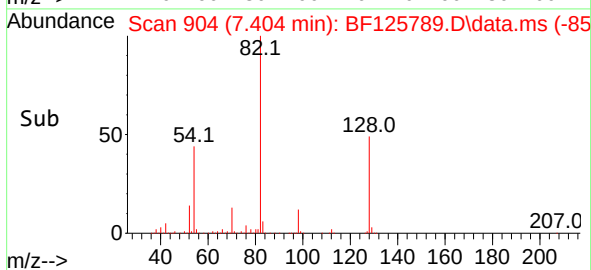
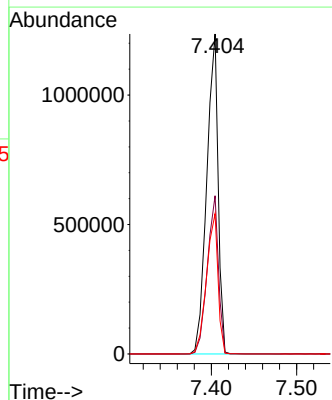
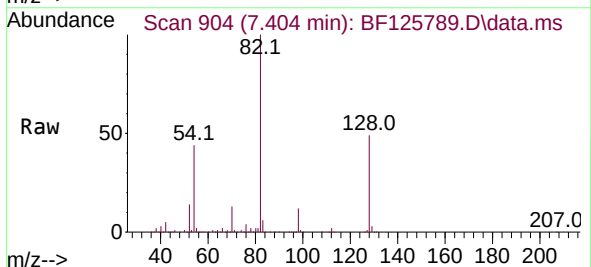
Instrument :
BNA_F
ClientSampleId :
GROWS-2

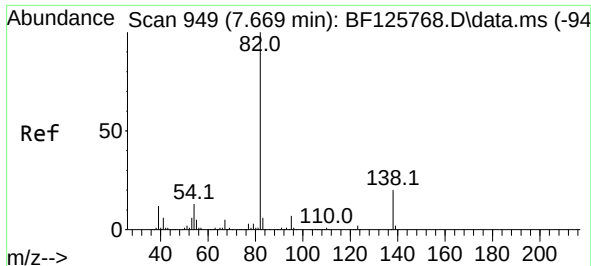
Tgt Ion:136	Resp: 892380
Ion Ratio	Lower Upper
136 100	
137 10.9	9.8 14.6
54 6.6	6.4 9.6
68 6.0	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 79.502 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

Tgt Ion: 82		Resp: 1141346	
Ion	Ratio	Lower	Upper
82	100		
128	49.4	40.6	60.8
54	43.8	49.6	74.4#

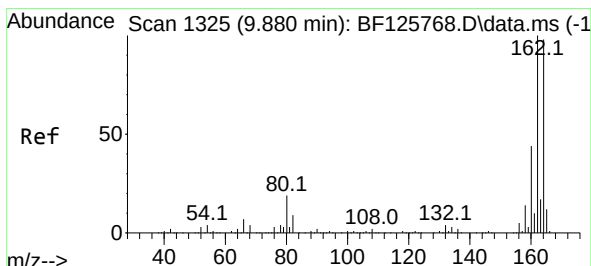
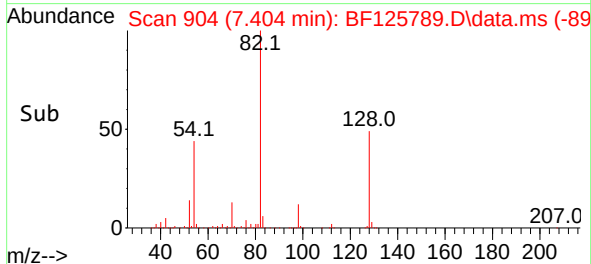
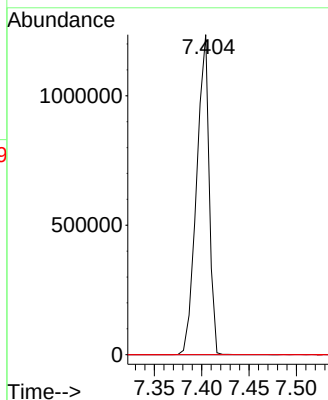
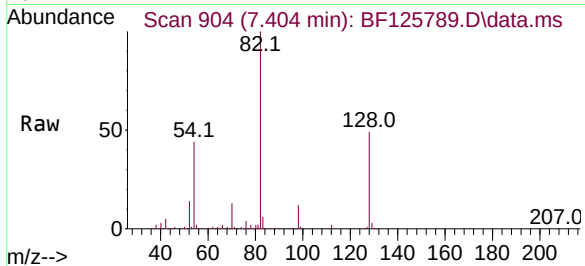




#25
Isophorone
Concen: 44.866 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.264 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

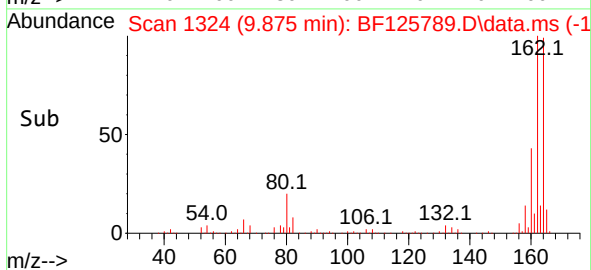
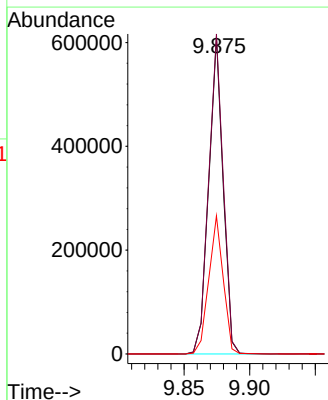
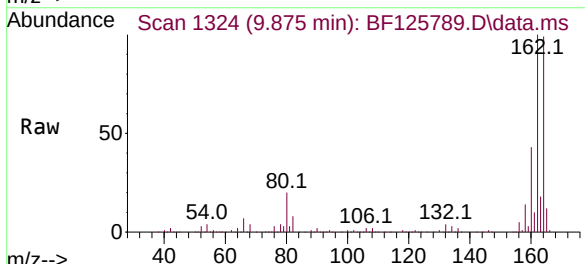
Instrument :
BNA_F
ClientSampleId :
GROWS-2

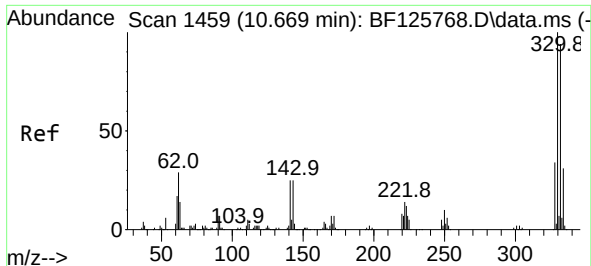
Tgt Ion: 82 Resp: 1141112
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

Tgt Ion:164 Resp: 466198
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 43.5 38.0 57.0

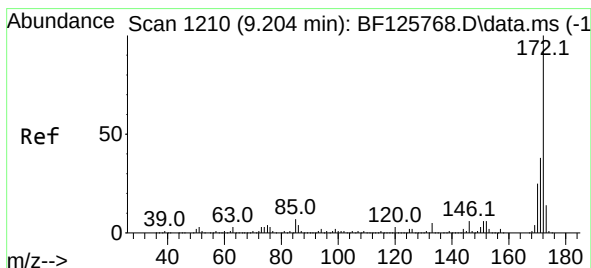
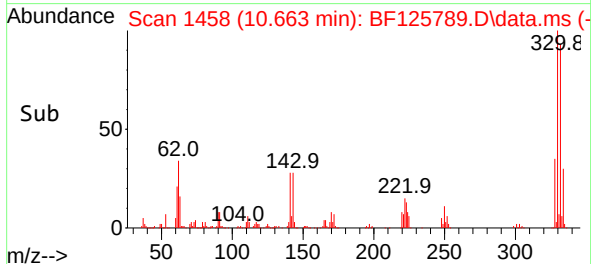
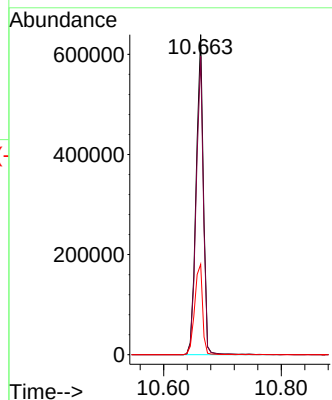
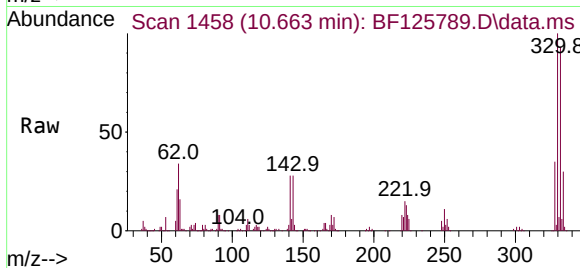




#42
2,4,6-Tribromophenol
Concen: 119.094 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

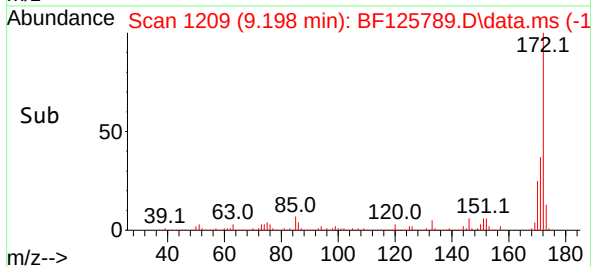
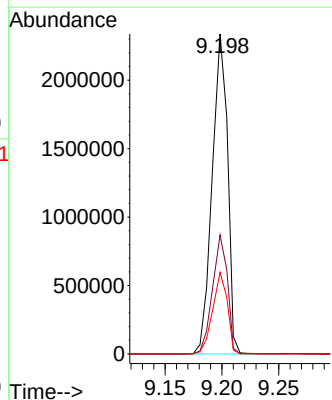
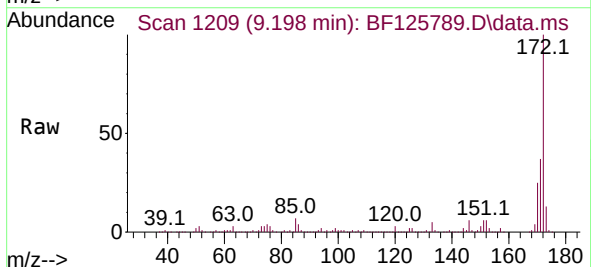
Instrument :
BNA_F
ClientSampleId :
GROWS-2

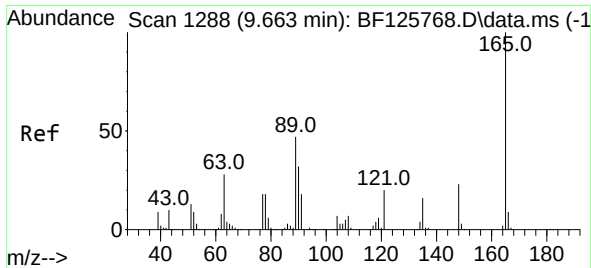
Tgt Ion: 330 Resp: 548167
Ion Ratio Lower Upper
330 100
332 93.0 76.2 114.4
141 30.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 81.510 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

Tgt Ion: 172 Resp: 2203125
Ion Ratio Lower Upper
172 100
171 37.1 26.5 39.7
170 25.5 18.8 28.2

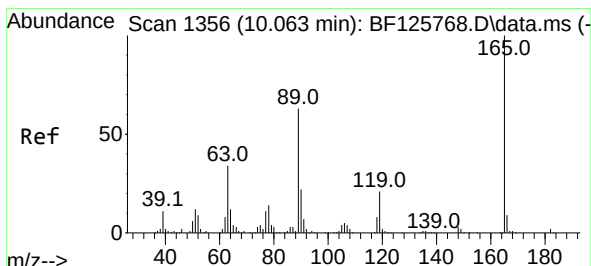
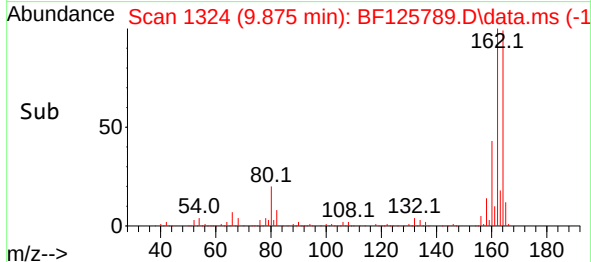
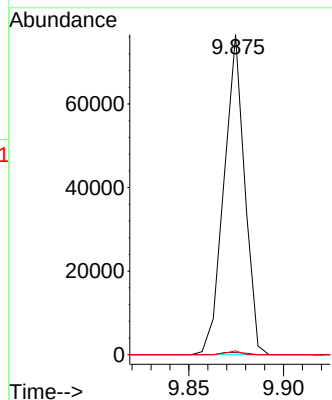
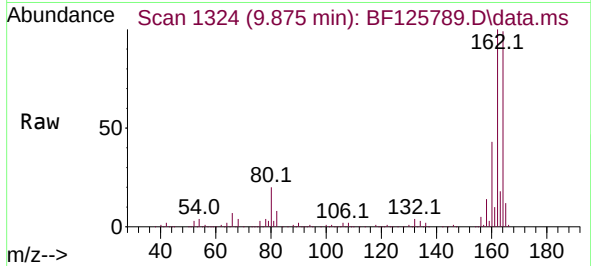




#51
2,6-Dinitrotoluene
Concen: 9.385 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

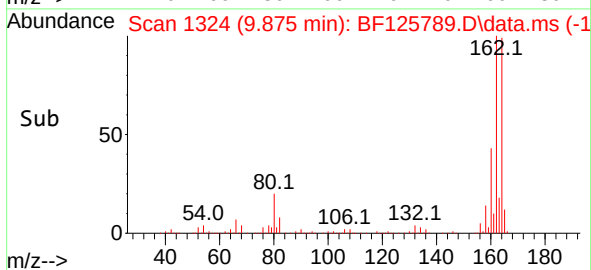
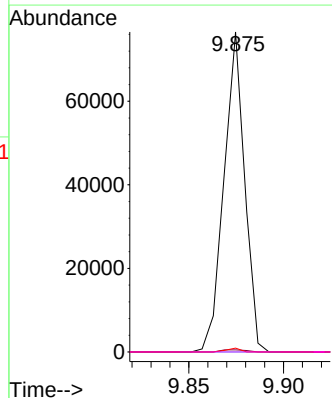
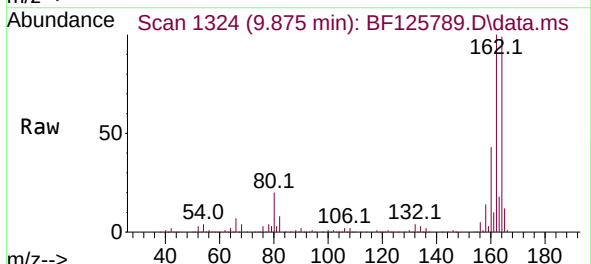
Instrument :
BNA_F
ClientSampleId :
GROWS-2

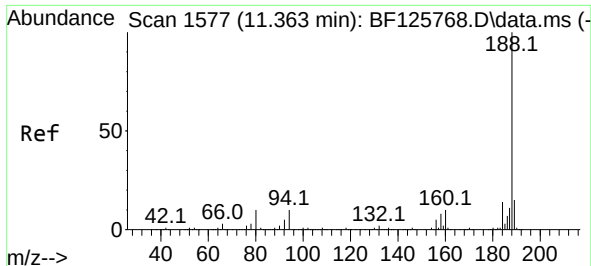
Tgt Ion:165 Resp: 58216
Ion Ratio Lower Upper
165 100
63 0.6 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.422 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

Tgt Ion:165 Resp: 58216
Ion Ratio Lower Upper
165 100
63 0.6 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

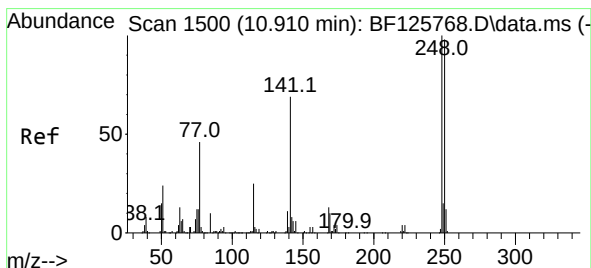
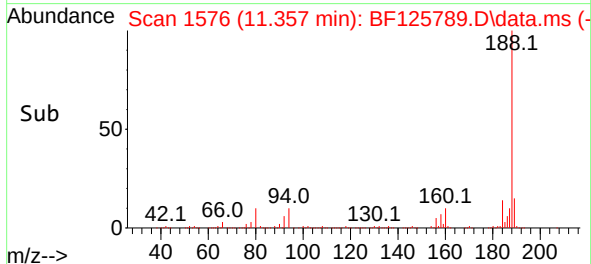
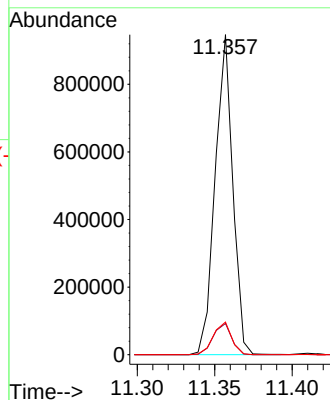
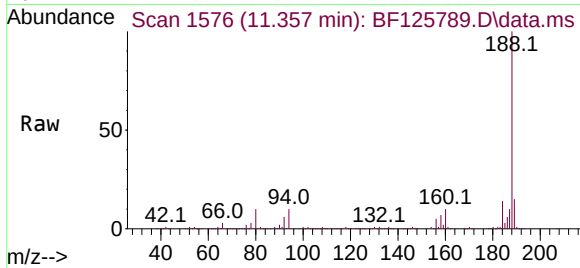




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

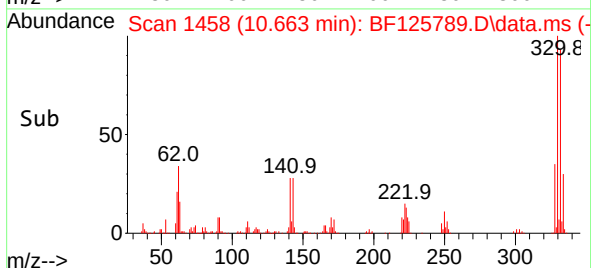
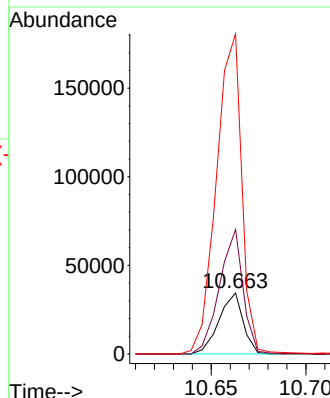
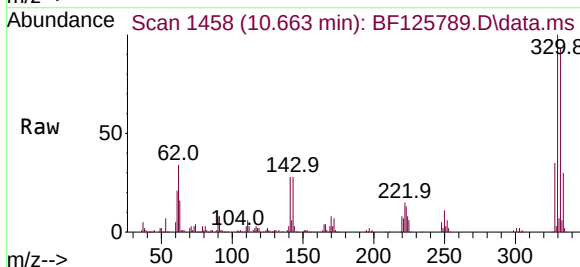
Instrument :
BNA_F
ClientSampleId :
GROWS-2

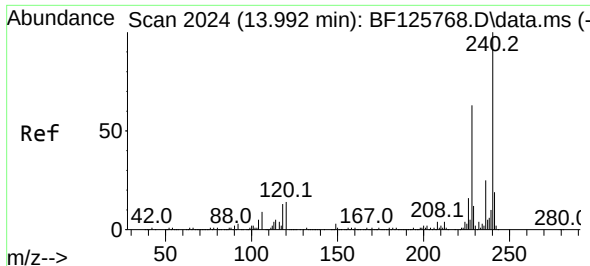
Tgt Ion:188 Resp: 748267
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 10.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.680 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

Tgt Ion:248 Resp: 30496
Ion Ratio Lower Upper
248 100
250 204.1 74.2 111.4#
141 524.7 60.4 90.6#

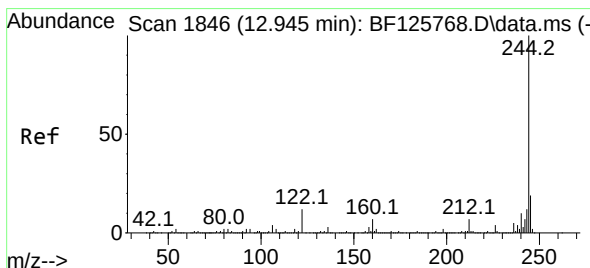
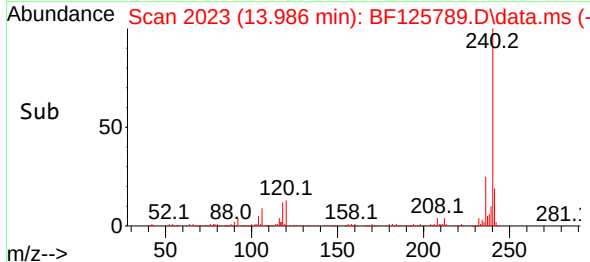
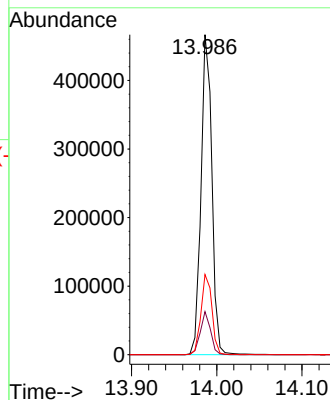
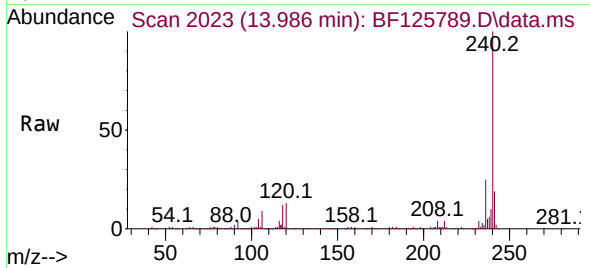




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

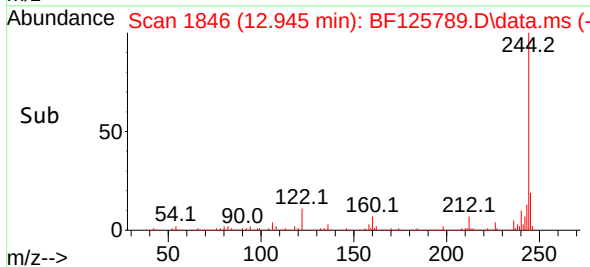
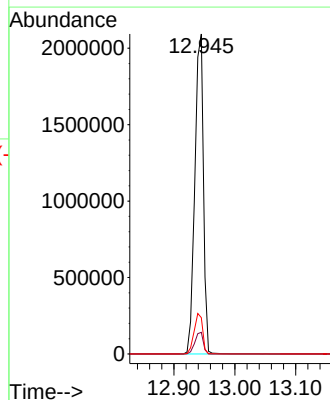
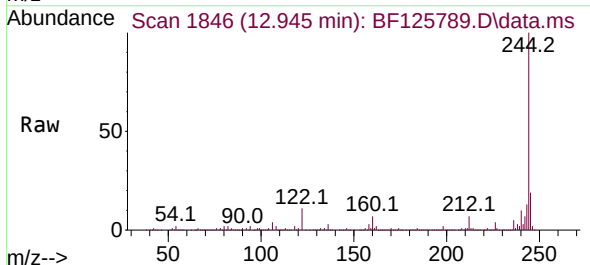
Instrument :
BNA_F
ClientSampleId :
GROWS-2

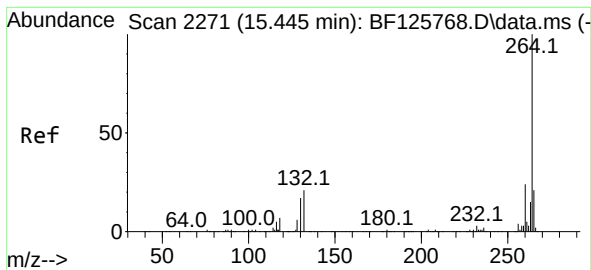
Tgt Ion:240 Resp: 412903
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 25.1 21.6 32.4



#79
Terphenyl-d14
Concen: 75.574 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

Tgt Ion:244 Resp: 2048571
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 11.3 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: BF125789.D
 Acq: 8 Oct 2021 18:42

Instrument :
 BNA_F
 ClientSampleId :
 GROWS-2

Tgt Ion:264 Resp: 453560
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 20.5 17.2 25.8

