

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
 Data File : BF125790.D
 Acq On : 8 Oct 2021 19:14
 Operator : JU/CG
 Sample : M411-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROWS-3

Quant Time: Oct 09 01:04:56 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)

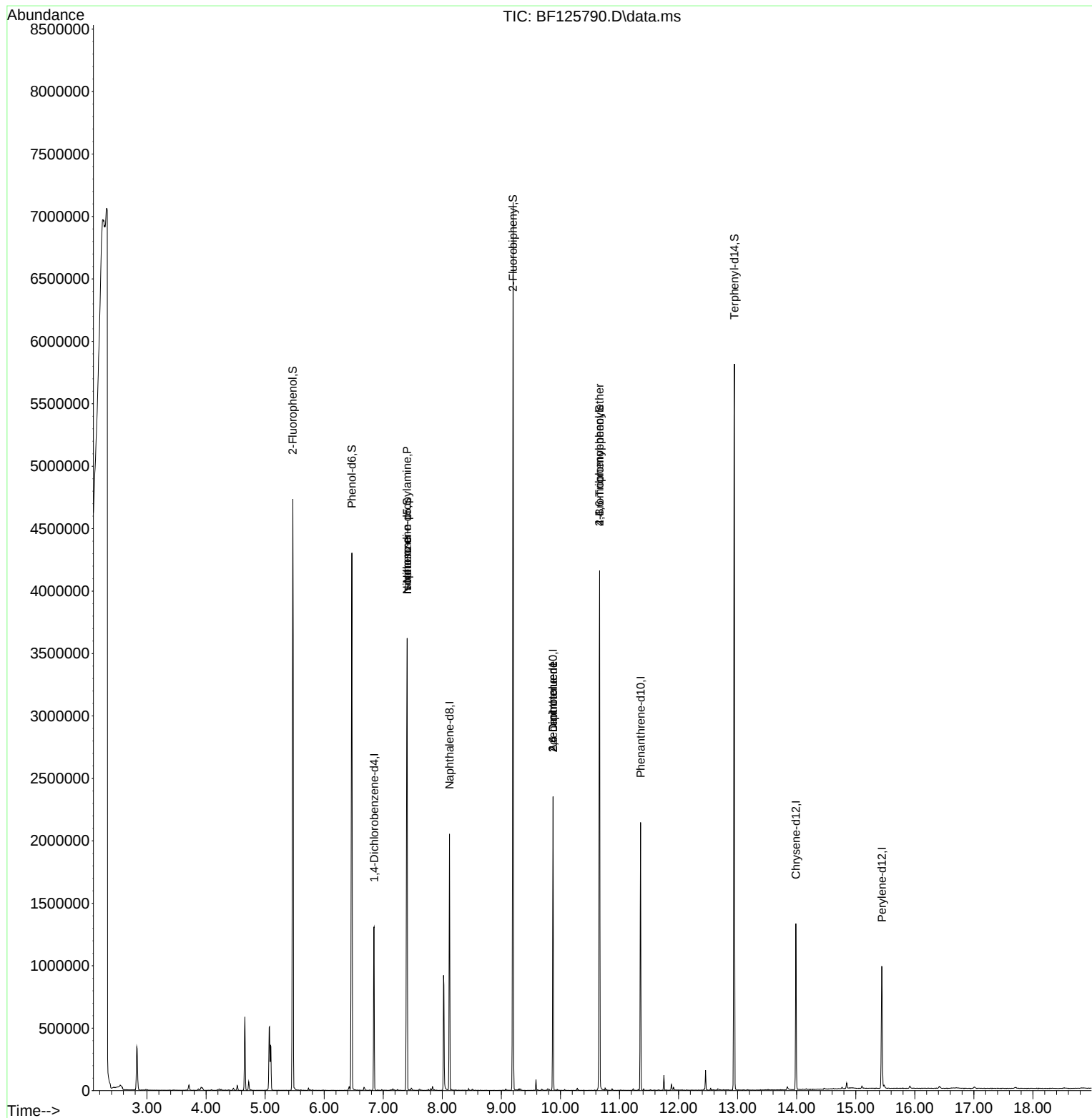
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	212469	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	862318	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	447498	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	713326	20.000	ng	0.00
76) Chrysene-d12	13.986	240	414716	20.000	ng	0.00
86) Perylene-d12	15.445	264	445621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1590670	122.303	ng	0.01
7) Phenol-d6	6.469	99	1744904	104.217	ng	0.00
23) Nitrobenzene-d5	7.404	82	1218159	87.811	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	557324	126.143	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2270194	87.502	ng	0.00
79) Terphenyl-d14	12.945	244	2086602	76.641	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	153725	17.393	ng	# 51
25) Isophorone	7.404	82	1215828	49.470	ng	# 59
51) 2,6-Dinitrotoluene	9.875	165	57773	9.703	ng	# 27
57) 2,4-Dinitrotoluene	9.875	165	57773	7.674	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	30407	3.849	ng	# 1

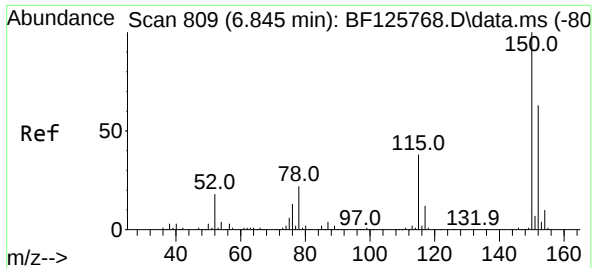
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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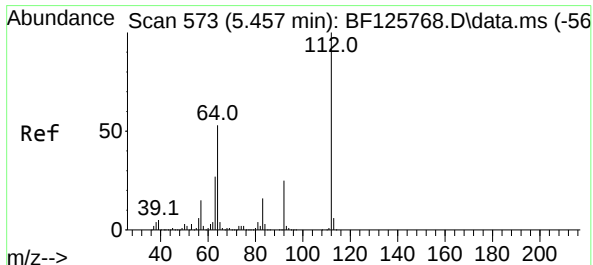
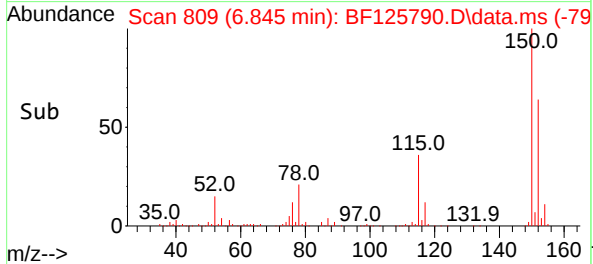
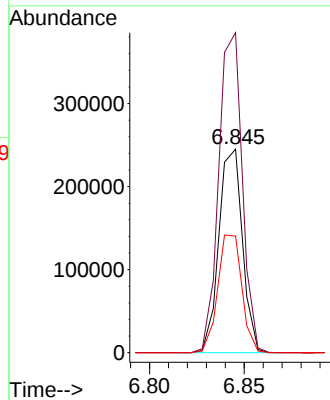
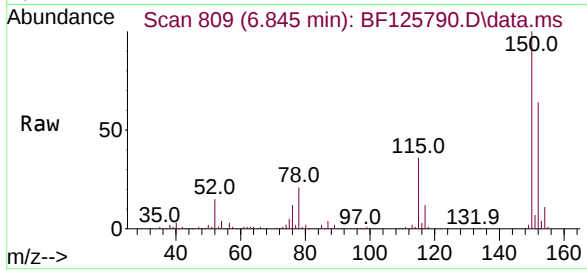




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

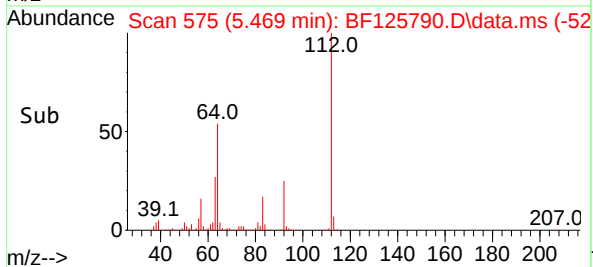
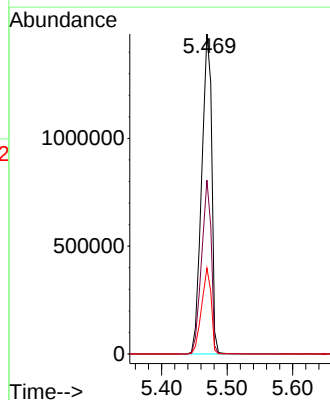
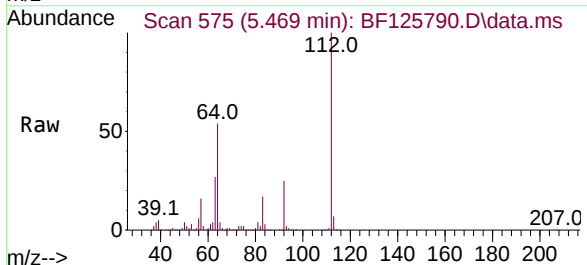
Instrument :
BNA_F
ClientSampleId :
GROWS-3

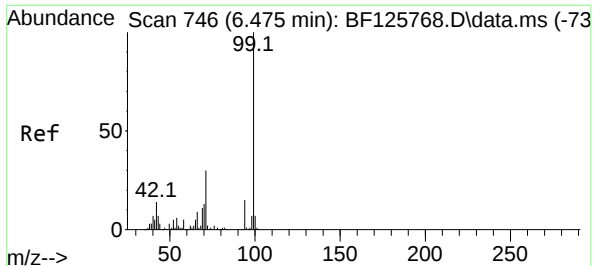
Tgt Ion:152 Resp: 212469
Ion Ratio Lower Upper
152 100
150 157.2 117.6 176.4
115 57.3 47.1 70.7



#5
2-Fluorophenol
Concen: 122.303 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

Tgt Ion:112 Resp: 1590670
Ion Ratio Lower Upper
112 100
64 54.3 44.2 66.2
63 26.9 26.2 39.2

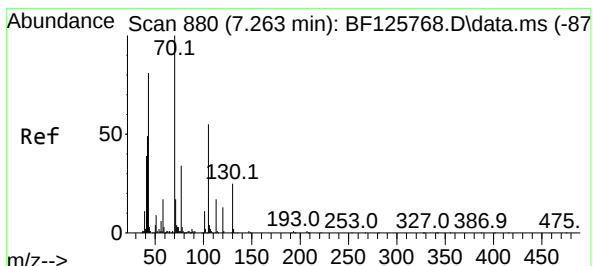
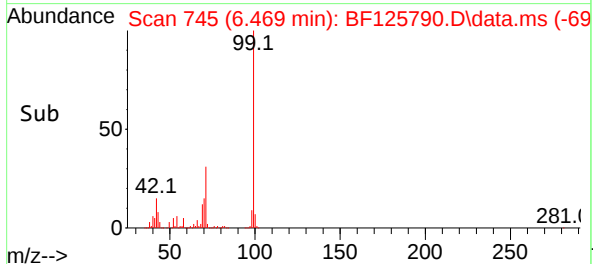
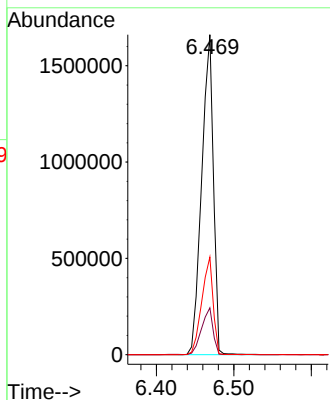
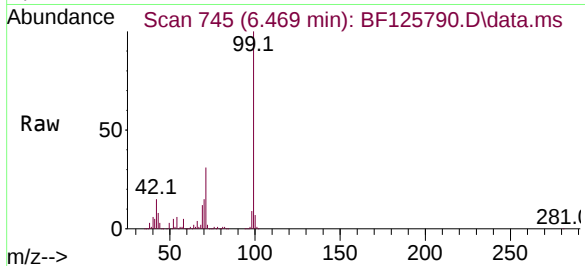




#7
Phenol-d6
Concen: 104.217 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

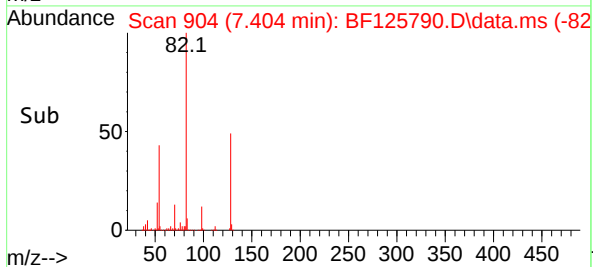
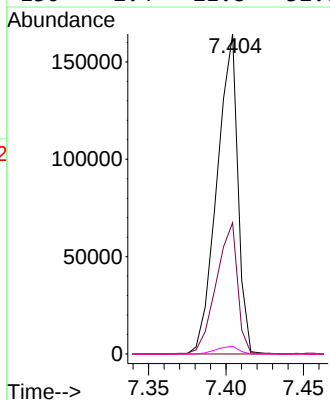
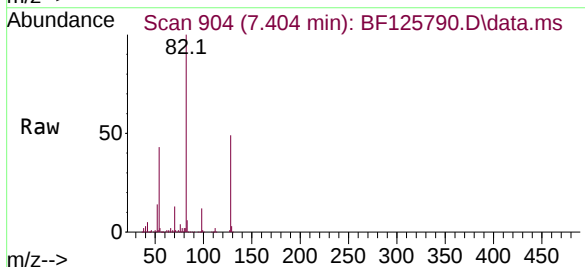
Instrument :
BNA_F
ClientSampleId :
GROWS-3

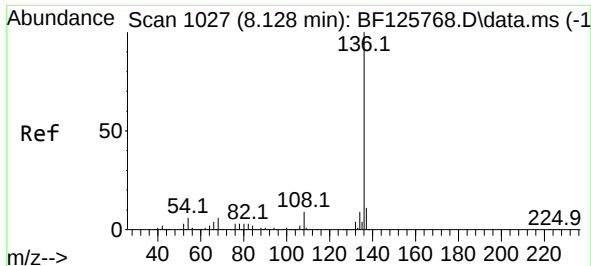
Tgt Ion: 99 Resp: 1744904
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 30.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.393 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

Tgt Ion: 70 Resp: 153725
Ion Ratio Lower Upper
70 100
42 41.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#

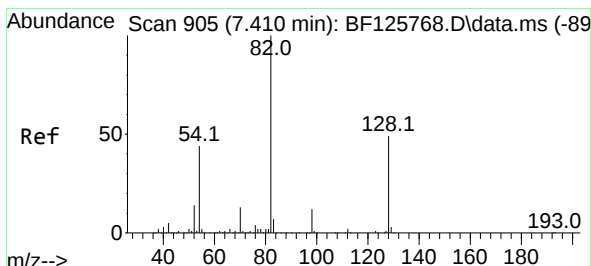
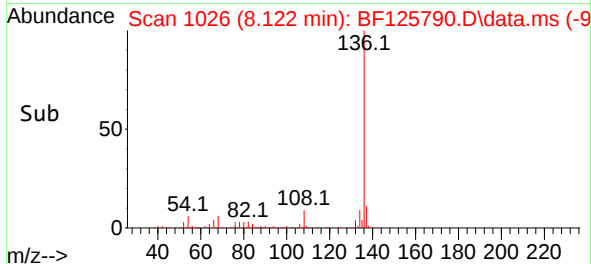
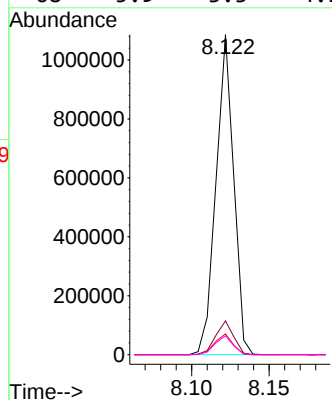
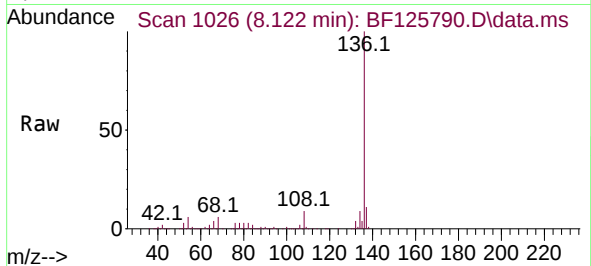




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

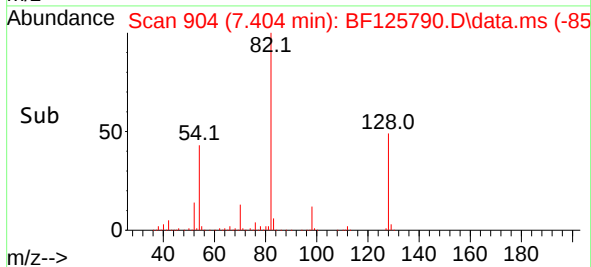
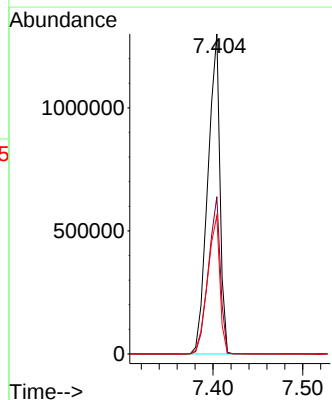
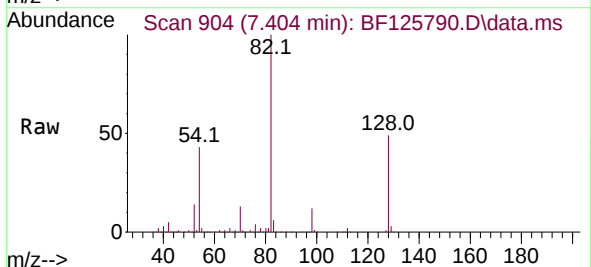
Instrument :
BNA_F
ClientSampleId :
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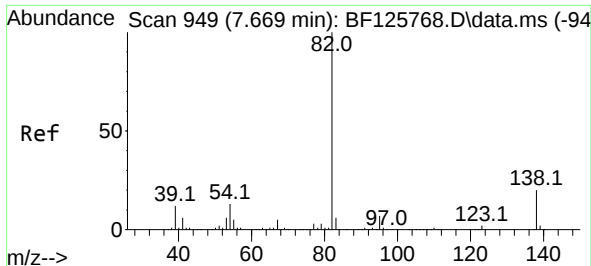
Tgt Ion:136	Resp: 862318
Ion Ratio	Lower Upper
136 100	
137 10.5	9.8 14.6
54 6.5	6.4 9.6
68 5.9	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 87.811 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

Tgt Ion: 82		Resp: 1218159	
Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.6	60.8
54	43.2	49.6	74.4#

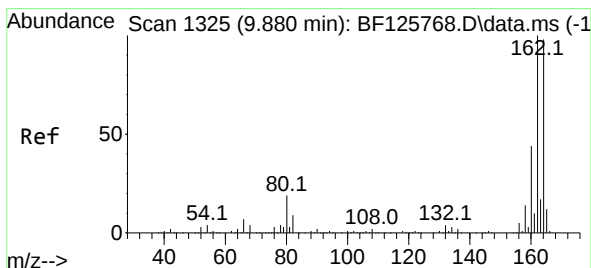
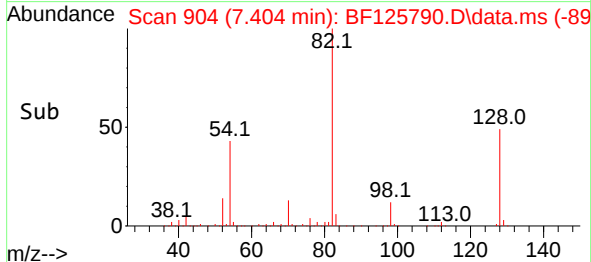
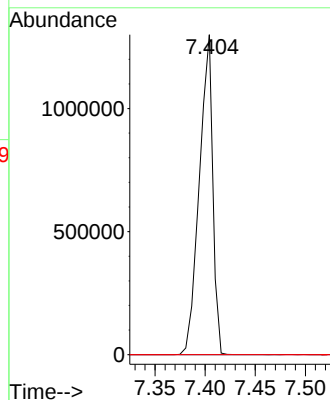
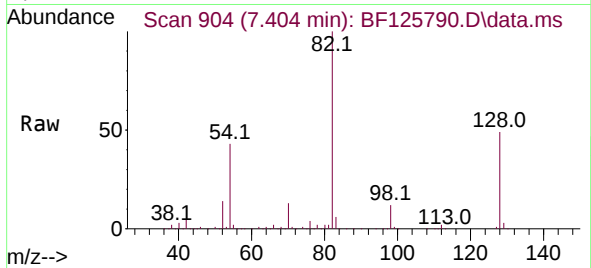




#25
Isophorone
Concen: 49.470 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

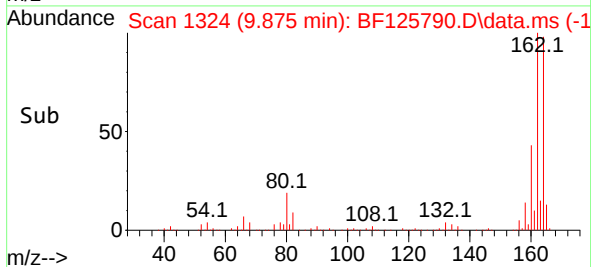
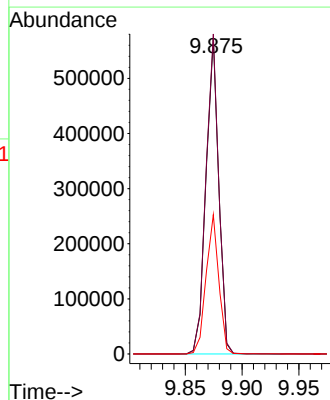
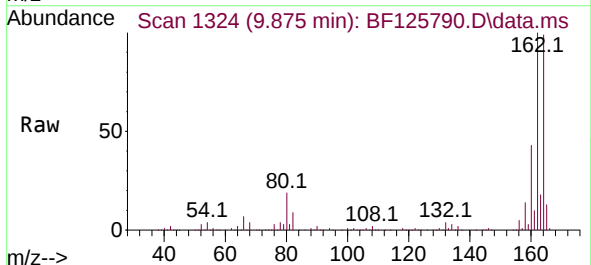
Instrument :
BNA_F
ClientSampleId :
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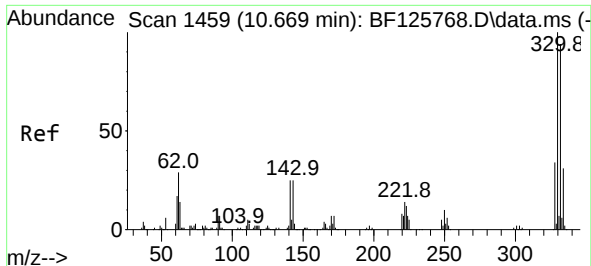
Tgt Ion: 82 Resp: 1215828
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

Tgt Ion:164 Resp: 447498
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 44.1 38.0 57.0

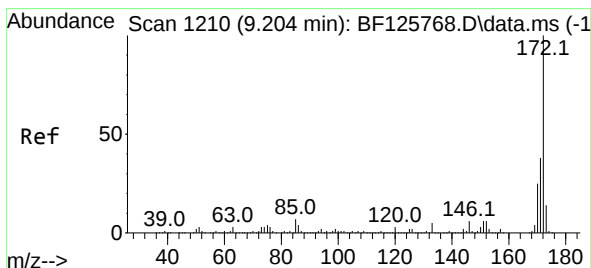
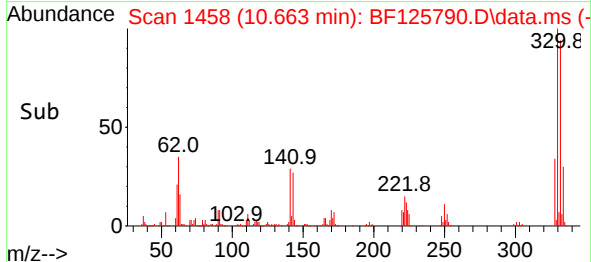
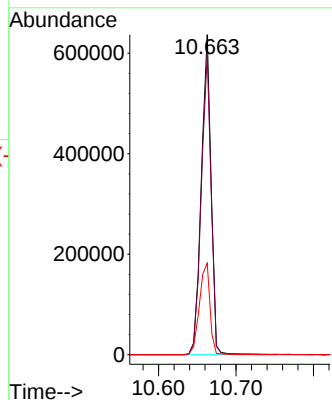
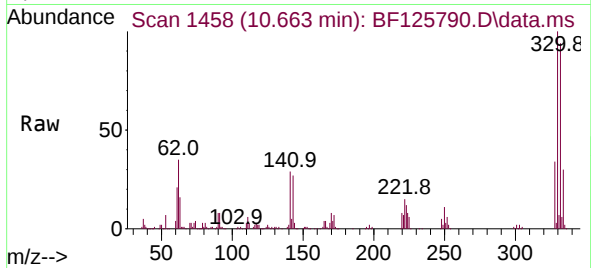




#42
2,4,6-Tribromophenol
Concen: 126.143 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

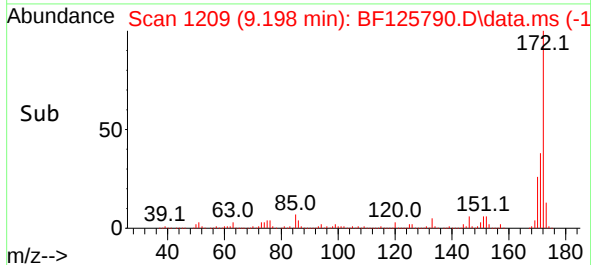
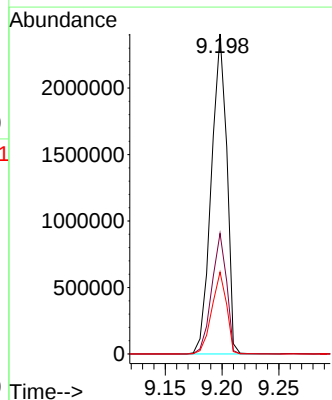
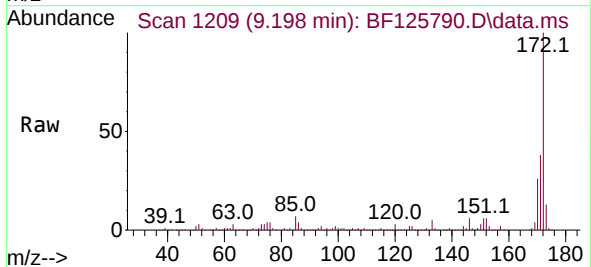
Instrument :
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ClientSampleId :
GROWS-3

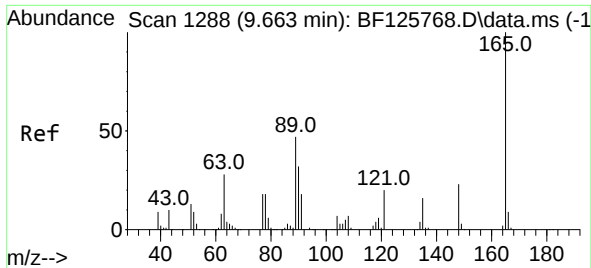
Tgt Ion: 330 Resp: 557324
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 30.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 87.502 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

Tgt Ion: 172 Resp: 2270194
Ion Ratio Lower Upper
172 100
171 37.7 26.5 39.7
170 25.6 18.8 28.2

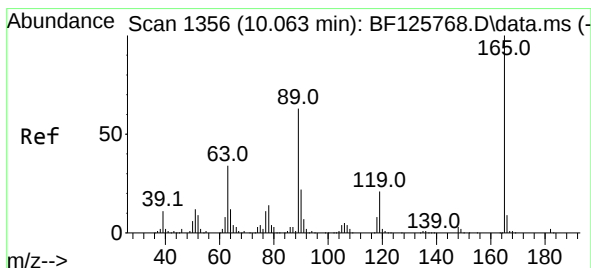
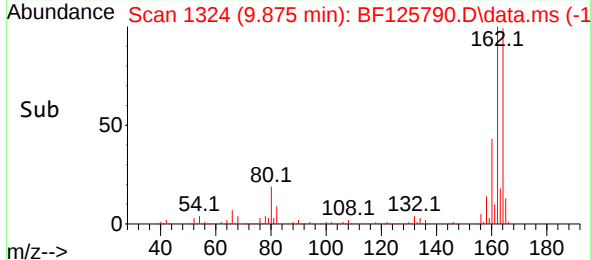
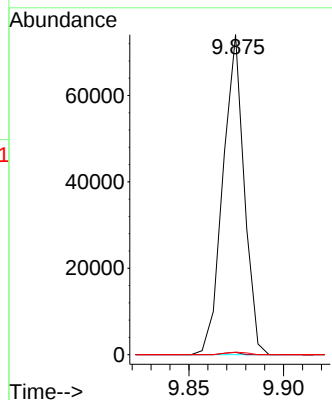
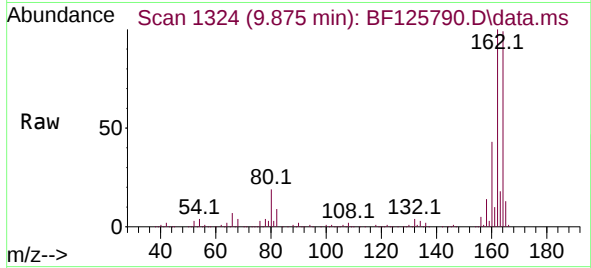




#51
2,6-Dinitrotoluene
Concen: 9.703 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

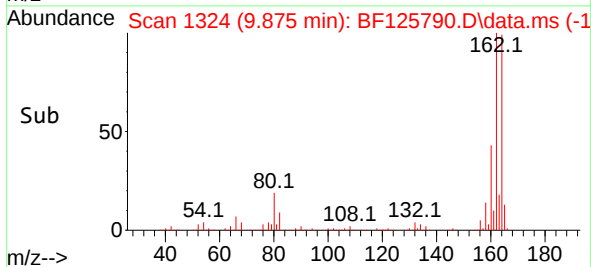
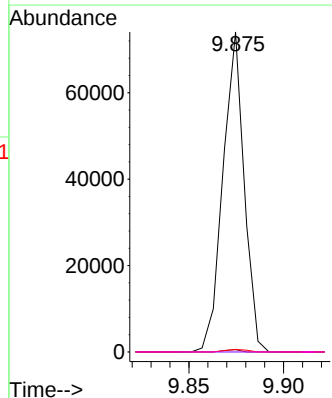
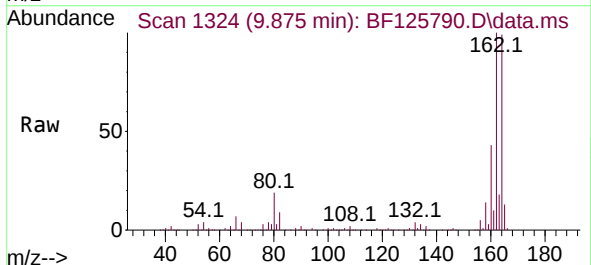
Instrument :
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ClientSampleId :
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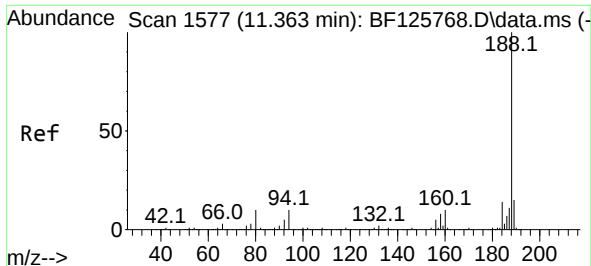
Tgt Ion:165 Resp: 57773
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.674 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

Tgt Ion:165 Resp: 57773
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

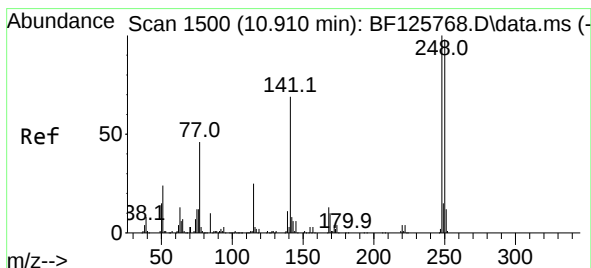
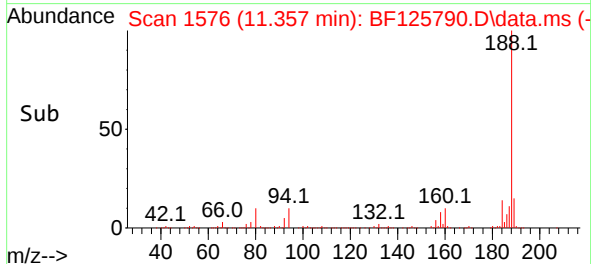
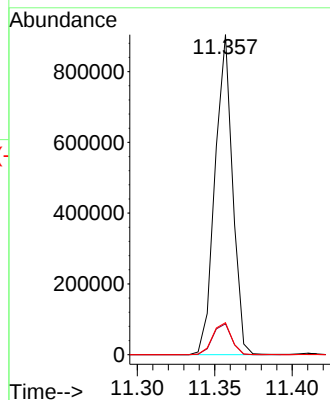
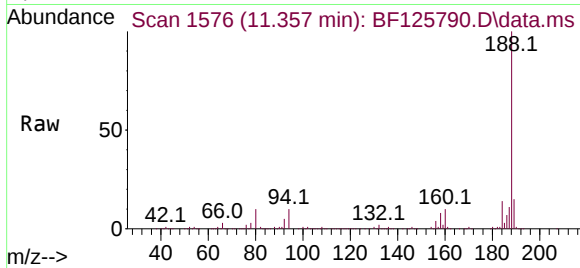




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

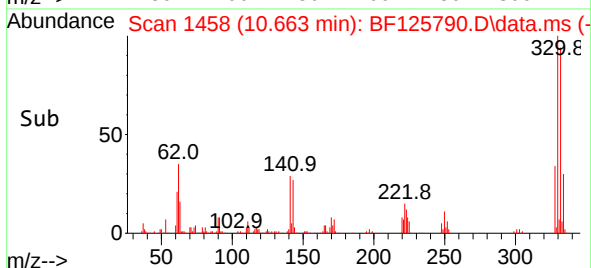
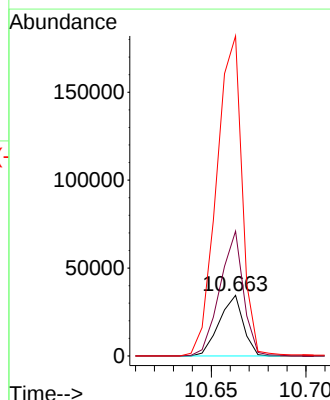
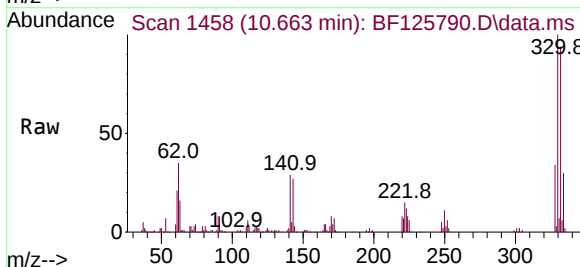
Instrument :
BNA_F
ClientSampleId :
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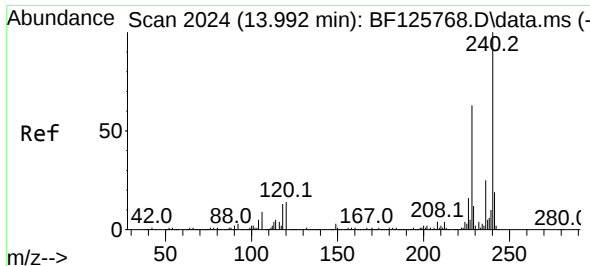
Tgt Ion:188 Resp: 713326
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.849 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

Tgt Ion:248 Resp: 30407
Ion Ratio Lower Upper
248 100
250 205.9 74.2 111.4#
141 527.9 60.4 90.6#

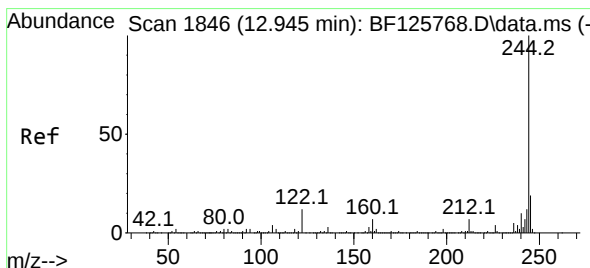
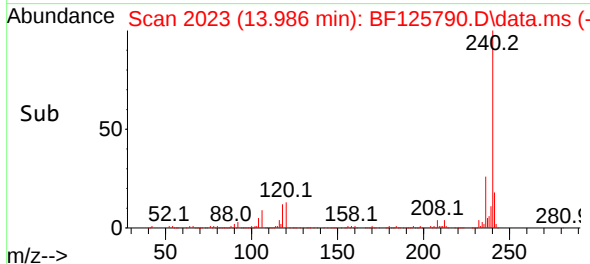
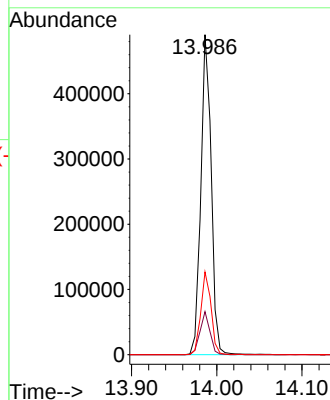
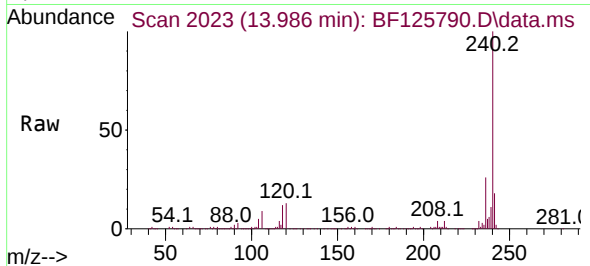




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

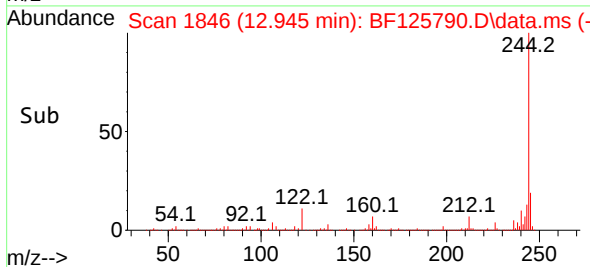
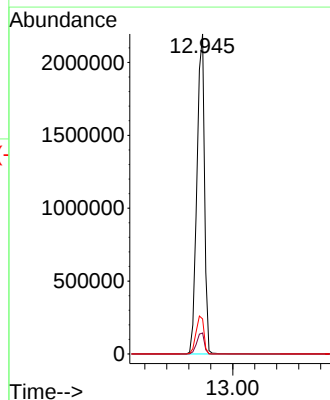
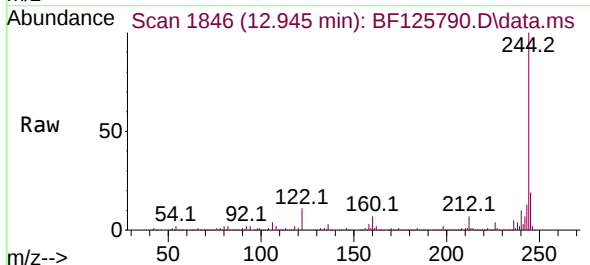
Instrument :
BNA_F
ClientSampleId :
GROWS-3

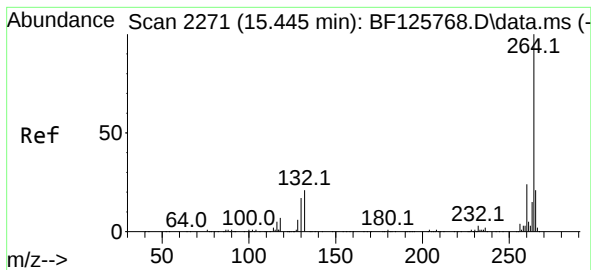
Tgt Ion:240 Resp: 414716
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 25.9 21.6 32.4



#79
Terphenyl-d14
Concen: 76.641 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

Tgt Ion:244 Resp: 2086602
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 11.0 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: BF125790.D
 Acq: 8 Oct 2021 19:14

Instrument :
 BNA_F
 ClientSampleId :
 GROWS-3

Tgt Ion:264 Resp: 445621
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.6 17.2 25.8

