

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125609.D
 Acq On : 24 Sep 2021 00:30
 Operator : JU/CG
 Sample : M3822-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PILLARS-2

Quant Time: Sep 24 04:20:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 19:21:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

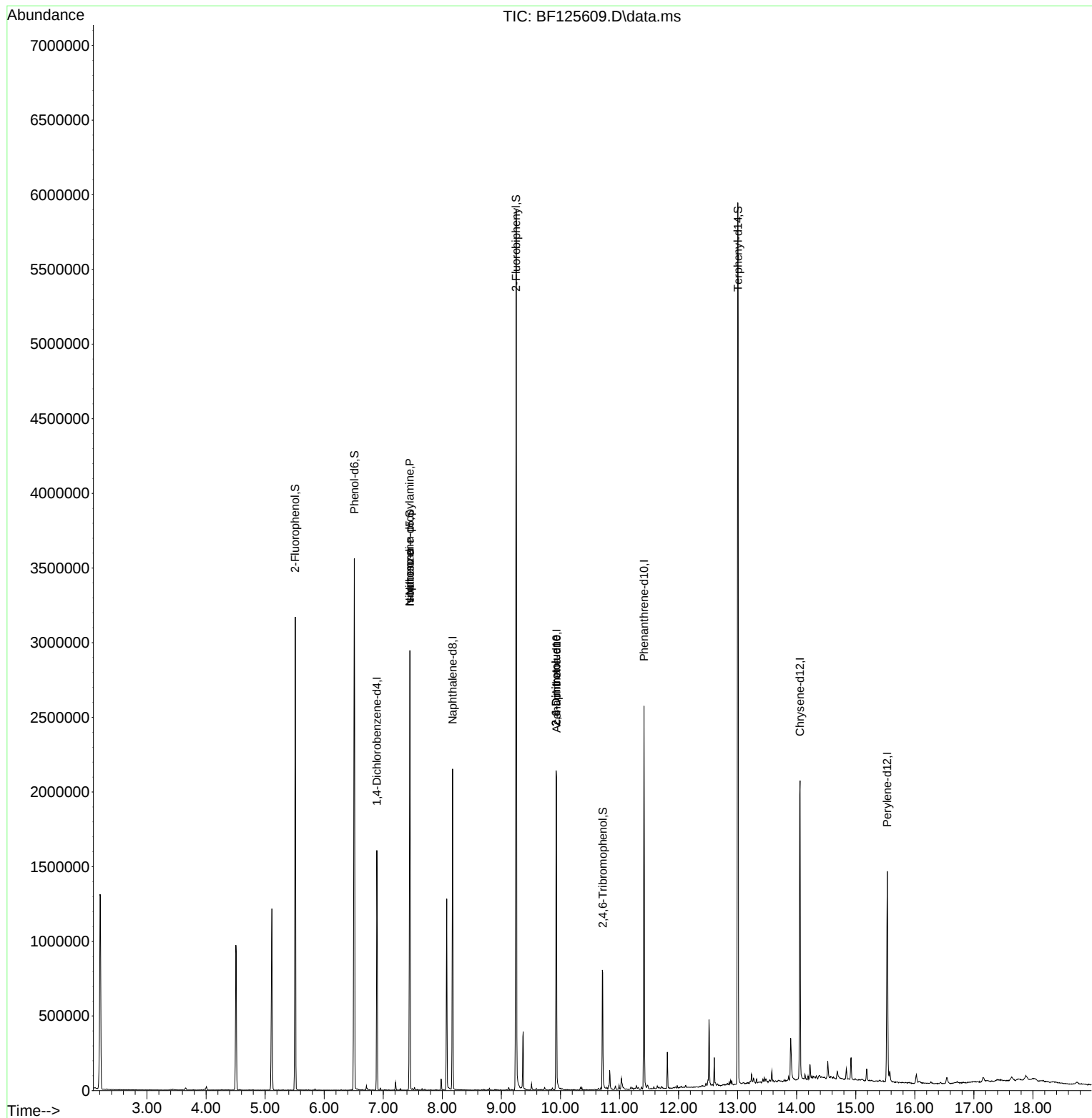
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	224521	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	928190	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	501785	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	891440	20.000	ng	0.00
76) Chrysene-d12	14.057	240	722361	20.000	ng	0.00
86) Perylene-d12	15.533	264	626821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	919922	64.792	ng	0.00
7) Phenol-d6	6.510	99	1441484	78.744	ng	-0.01
23) Nitrobenzene-d5	7.451	82	948856	65.202	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	109721	22.325	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1972711	69.053	ng	-0.01
79) Terphenyl-d14	13.004	244	2196719	49.107	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.439	77	423	Below Cal	#	76
19) n-Nitroso-di-n-propyla...	7.451	70	118256	10.793	ng	# 50
25) Isophorone	7.451	82	944784	30.169	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	63202	9.199	ng	# 27
57) 2,4-Dinitrotoluene	9.928	165	63202	7.676	ng	# 19

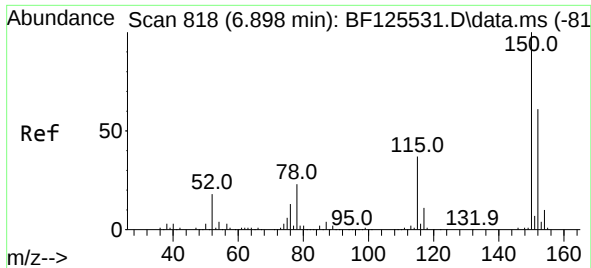
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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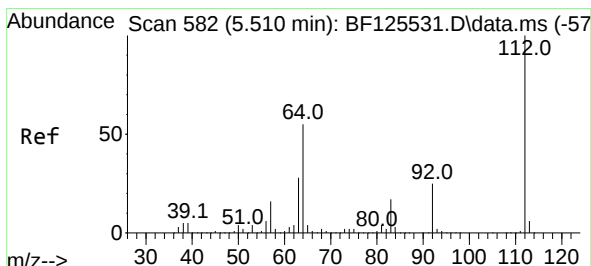
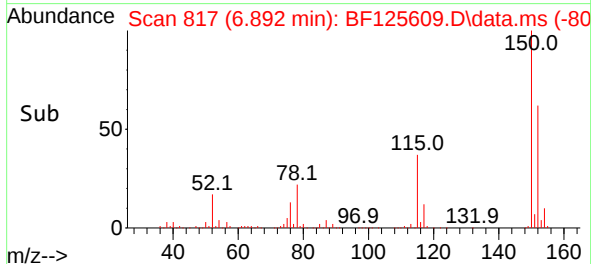
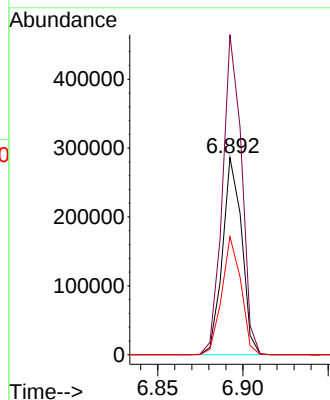
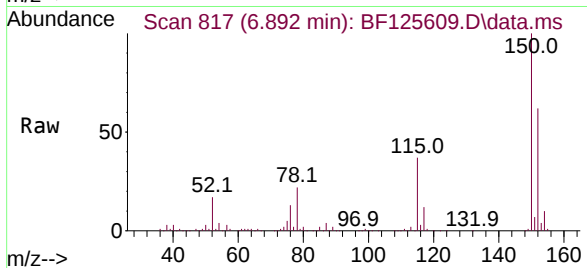




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125609.D
Acq: 24 Sep 2021 00:30

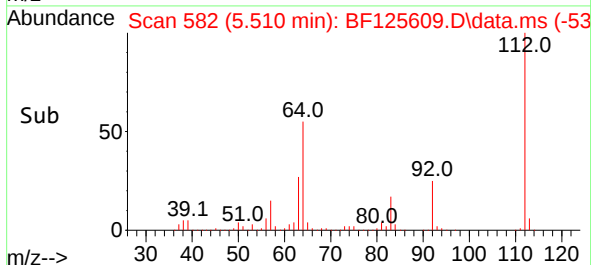
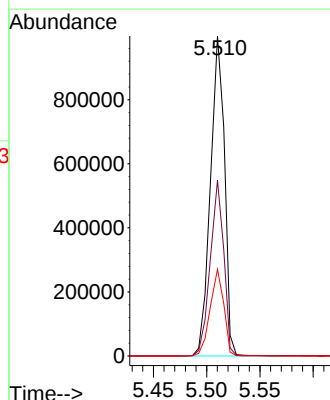
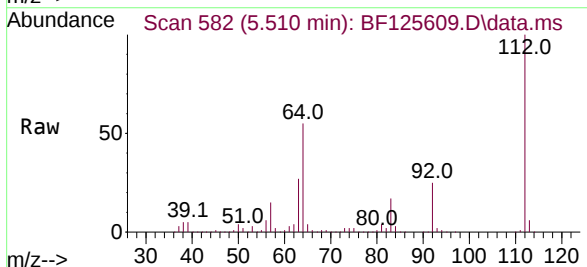
Instrument :
BNA_F
ClientSampleId :
PILLARS-2

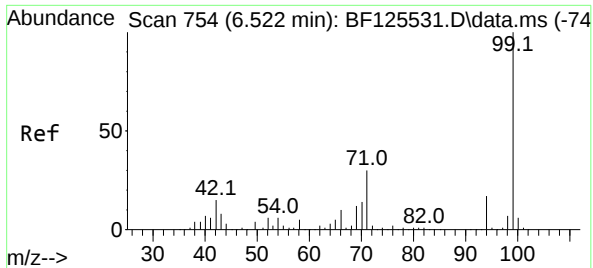
Tgt Ion:152 Resp: 224521
Ion Ratio Lower Upper
152 100
150 162.4 117.6 176.4
115 59.8 47.1 70.7



#5
2-Fluorophenol
Concen: 64.792 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF125609.D
Acq: 24 Sep 2021 00:30

Tgt Ion:112 Resp: 919922
Ion Ratio Lower Upper
112 100
64 54.9 44.2 66.2
63 27.1 26.2 39.2

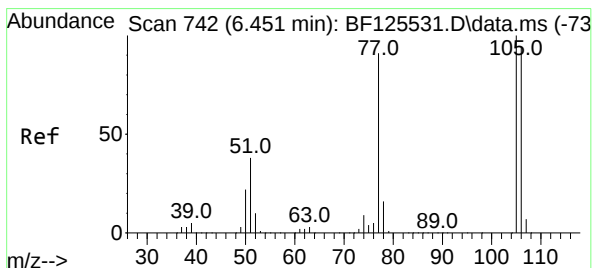
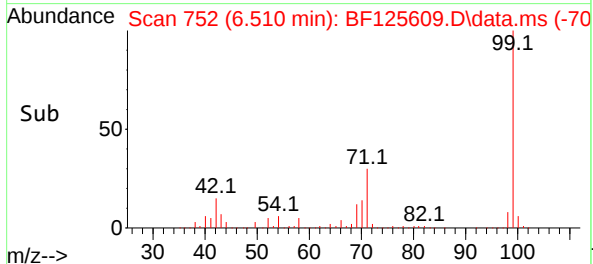
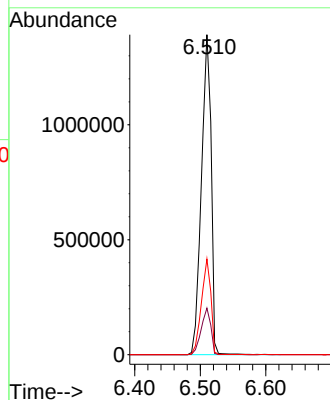
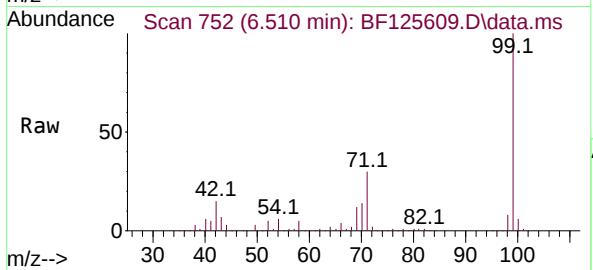




#7
Phenol-d6
Concen: 78.744 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125609.D
Acq: 24 Sep 2021 00:30

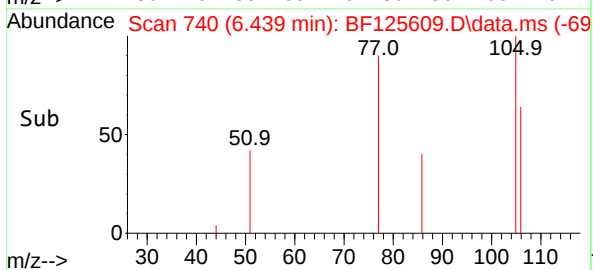
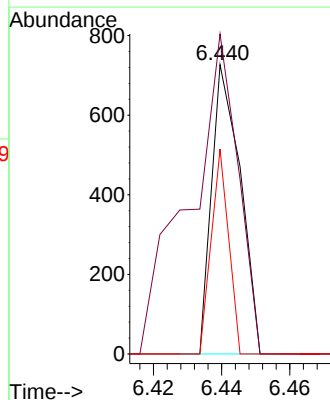
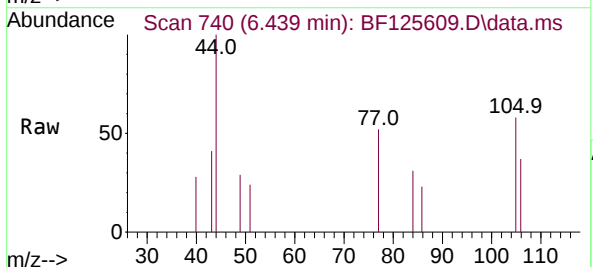
Instrument :
BNA_F
ClientSampleId :
PILLARS-2

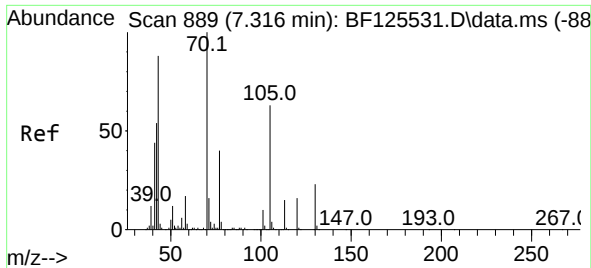
Tgt Ion: 99 Resp: 1441484
Ion Ratio Lower Upper
99 100
42 14.6 23.5 35.3#
71 29.9 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.439 min Scan# 740
Delta R.T. -0.011 min
Lab File: BF125609.D
Acq: 24 Sep 2021 00:30

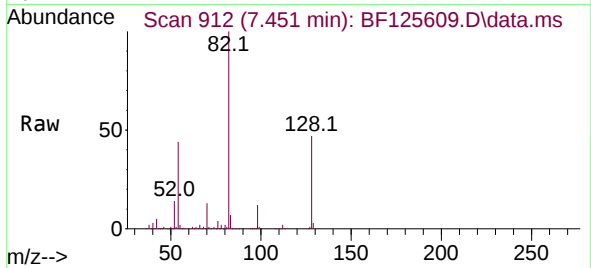
Tgt Ion: 77 Resp: 423
Ion Ratio Lower Upper
77 100
105 110.6 75.9 115.9
106 70.8 84.0 124.0#



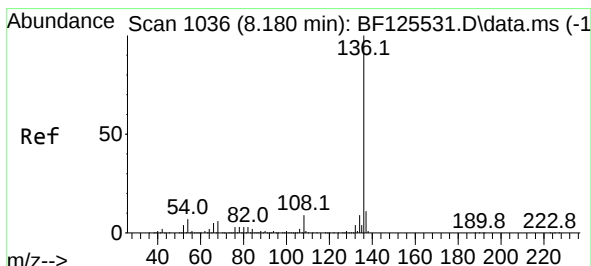
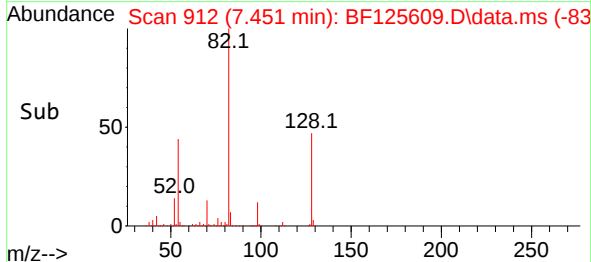
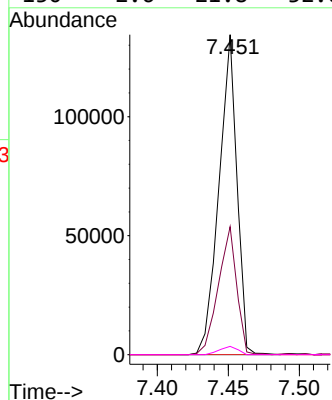


#19
n-Nitroso-di-n-propylamine
Concen: 10.793 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125609.D
Acq: 24 Sep 2021 00:30

Instrument :
BNA_F
ClientSampleId :
PILLARS-2

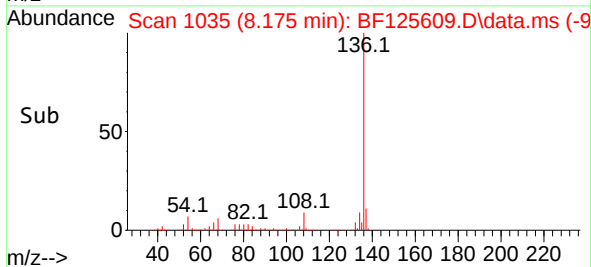
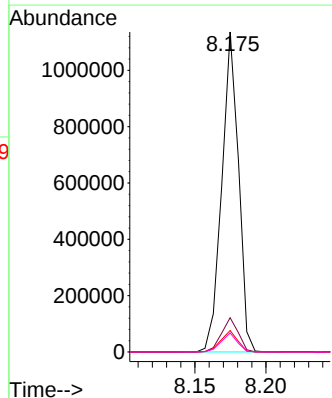
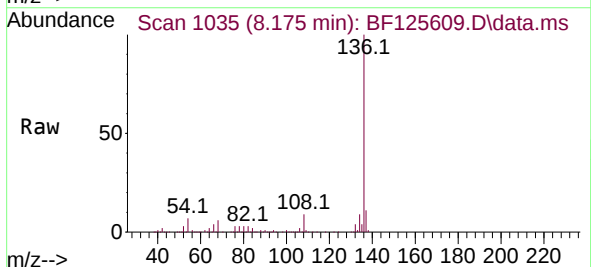


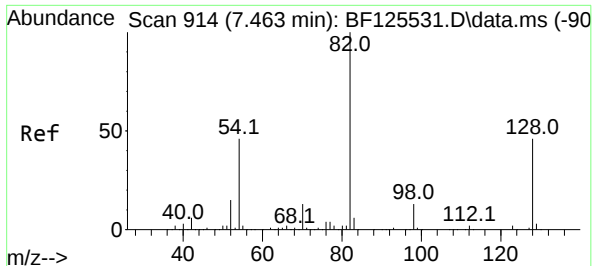
Tgt Ion: 70 Resp: 118256
Ion Ratio Lower Upper
70 100
42 40.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125609.D
Acq: 24 Sep 2021 00:30

Tgt Ion: 136 Resp: 928190
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 6.7 6.4 9.6
68 6.0 3.3 4.9#

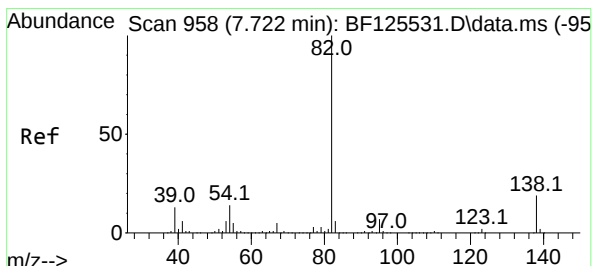
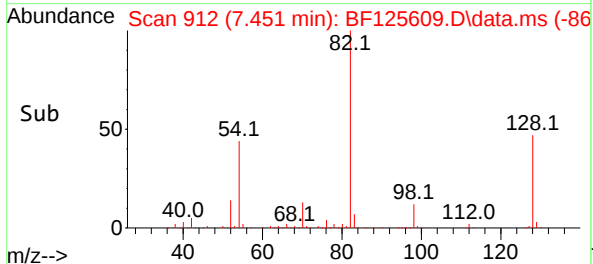
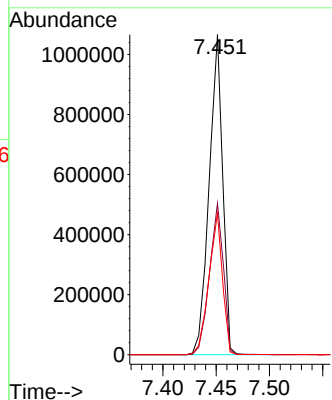
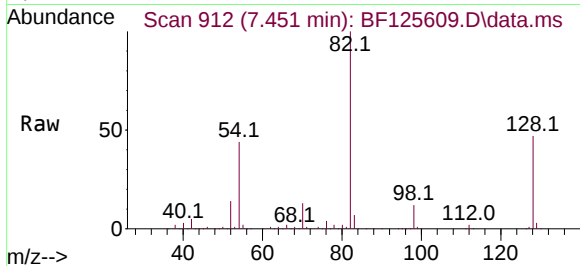




#23
Nitrobenzene-d5
Concen: 65.202 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF125609.D
Acq: 24 Sep 2021 00:30

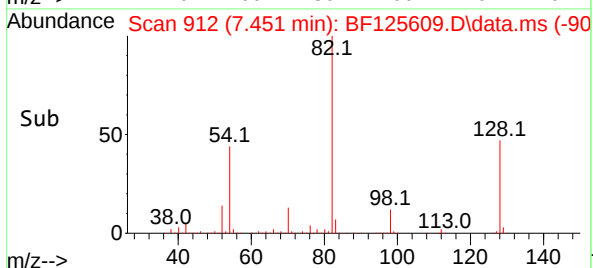
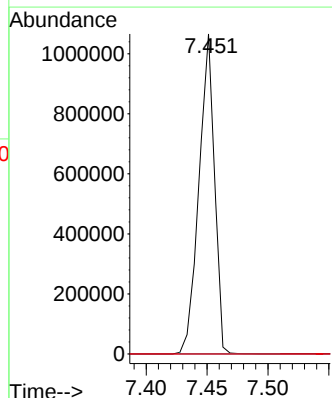
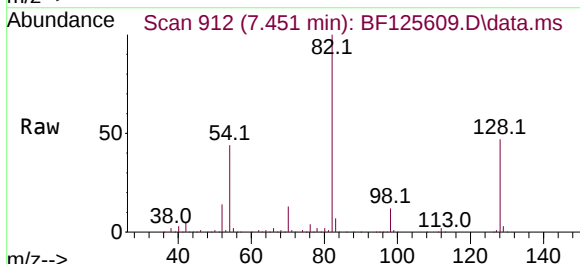
Instrument :
BNA_F
ClientSampleId :
PILLARS-2

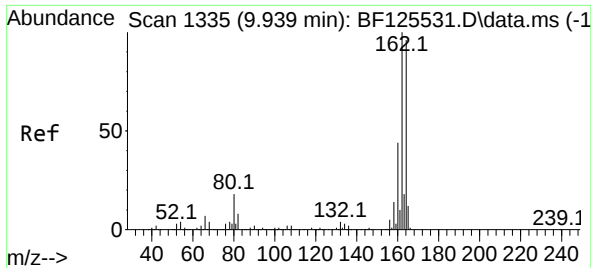
Tgt Ion: 82 Resp: 948856
Ion Ratio Lower Upper
82 100
128 47.4 40.6 60.8
54 44.3 49.6 74.4#



#25
Isophorone
Concen: 30.169 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.270 min
Lab File: BF125609.D
Acq: 24 Sep 2021 00:30

Tgt Ion: 82 Resp: 944784
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

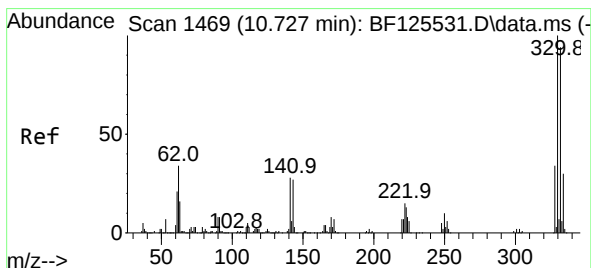
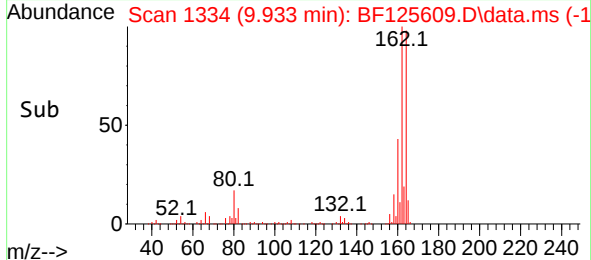
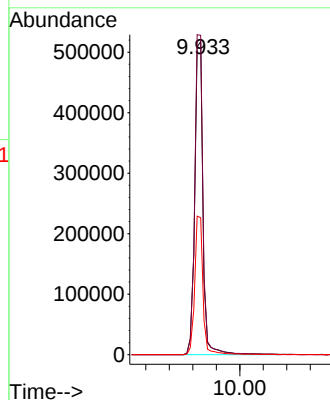
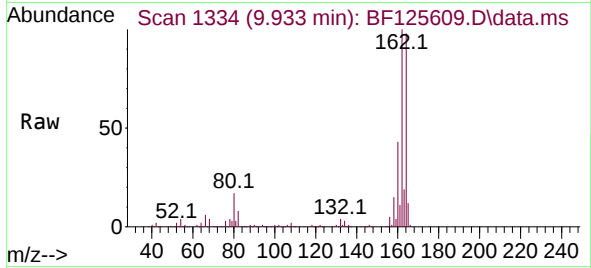




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125609.D
Acq: 24 Sep 2021 00:30

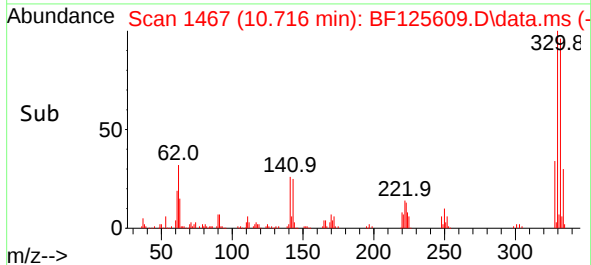
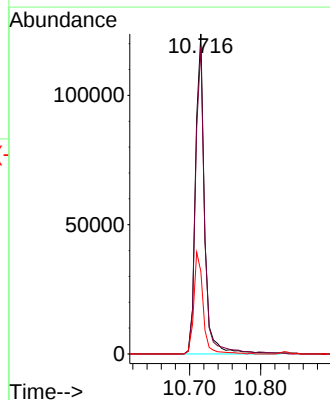
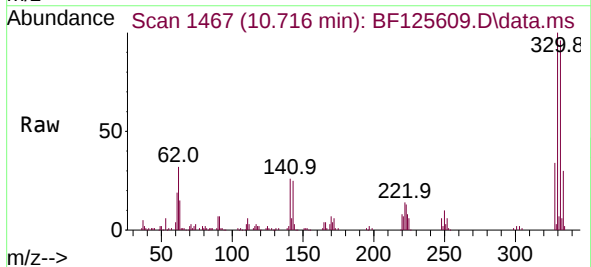
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BNA_F
ClientSampleId :
PILLARS-2

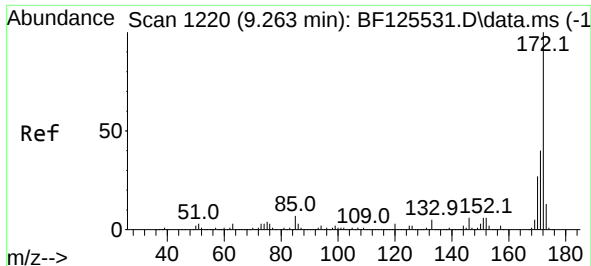
Tgt Ion:164 Resp: 501785
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 43.8 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 22.325 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF125609.D
Acq: 24 Sep 2021 00:30

Tgt Ion:330 Resp: 109721
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 32.6 44.6 66.8#

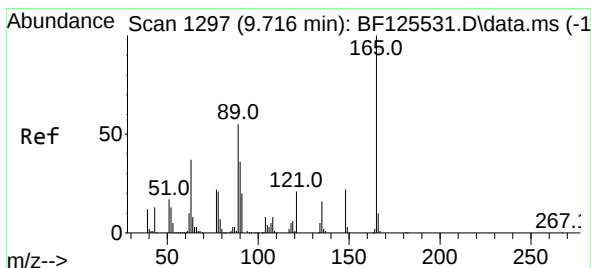
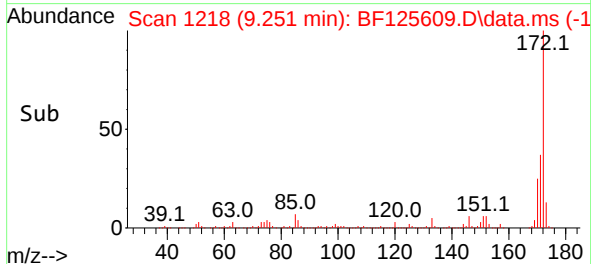
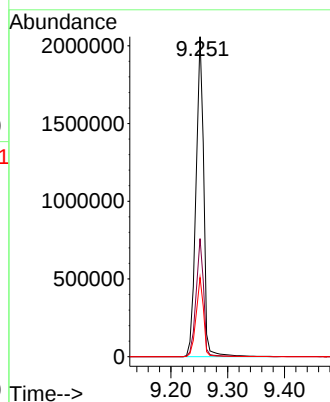
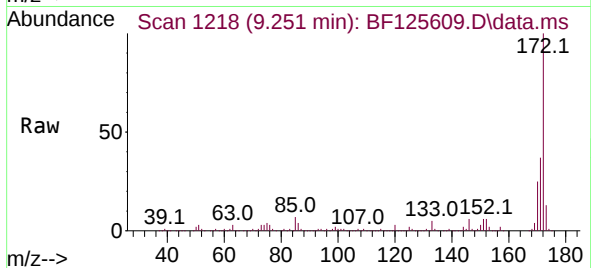




#45
2-Fluorobiphenyl
Concen: 69.053 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125609.D
Acq: 24 Sep 2021 00:30

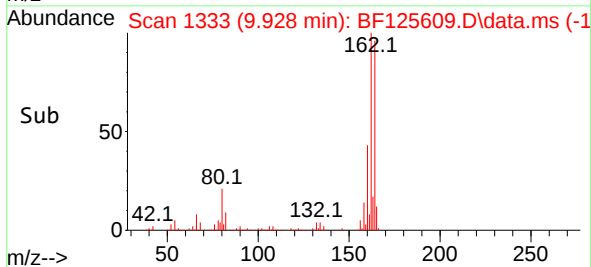
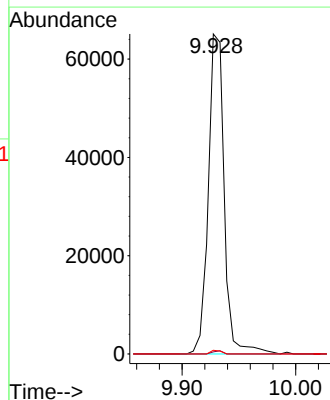
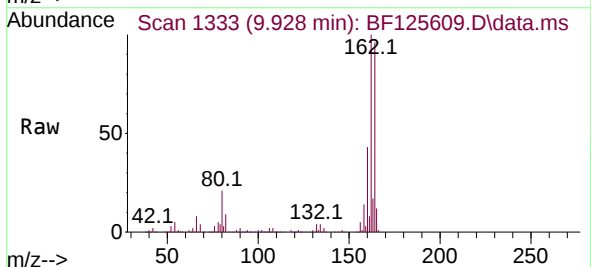
Instrument :
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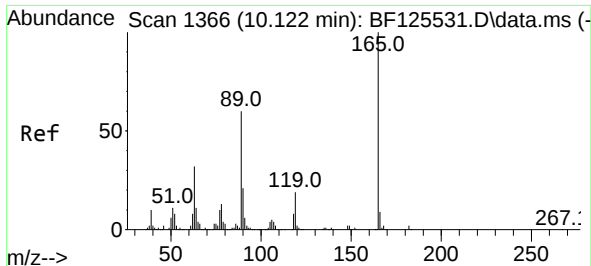
Tgt Ion:172 Resp: 1972711
Ion Ratio Lower Upper
172 100
171 36.9 26.5 39.7
170 24.7 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.199 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF125609.D
Acq: 24 Sep 2021 00:30

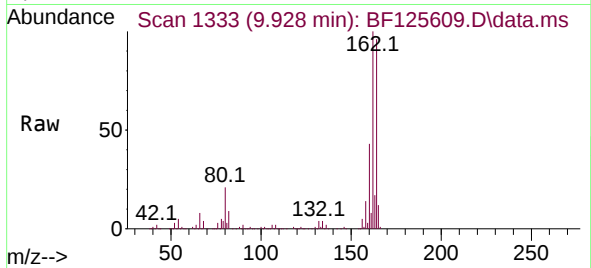
Tgt Ion:165 Resp: 63202
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.1 40.6 60.8#



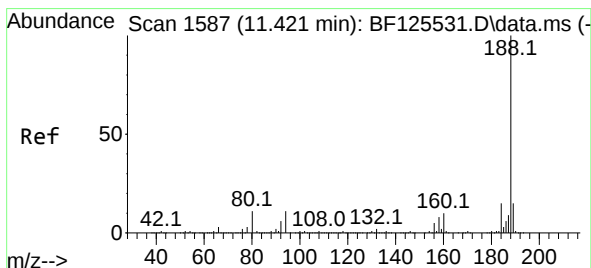
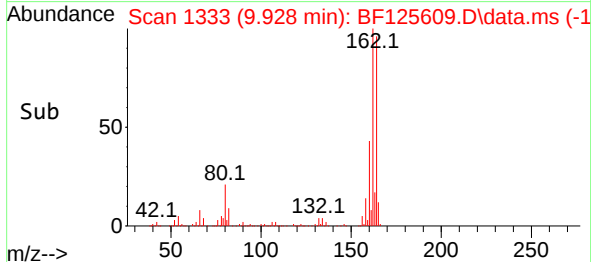
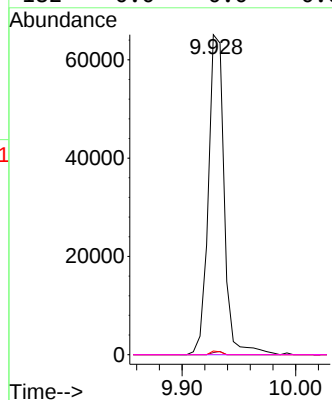


#57
2,4-Dinitrotoluene
Concen: 7.676 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF125609.D
Acq: 24 Sep 2021 00:30

Instrument :
BNA_F
ClientSampleId :
PILLARS-2

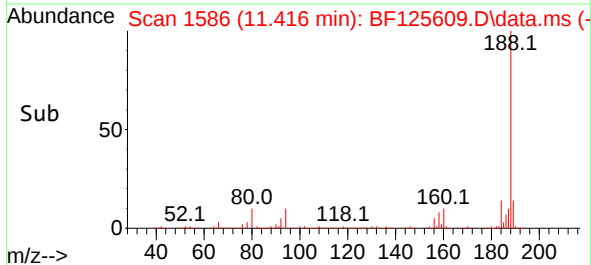
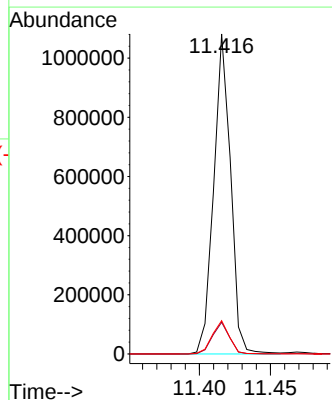
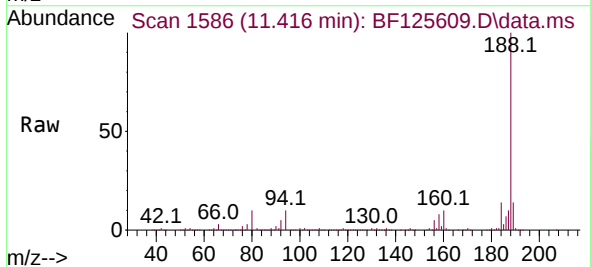


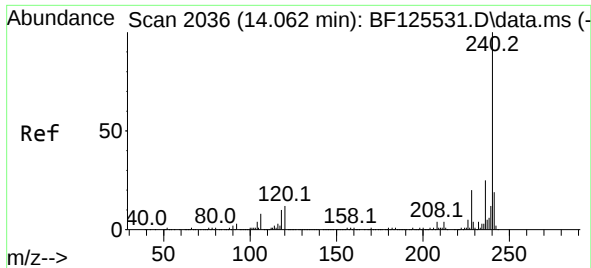
Tgt Ion:165 Resp: 63202
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125609.D
Acq: 24 Sep 2021 00:30

Tgt Ion:188 Resp: 891440
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 10.4 7.5 11.3

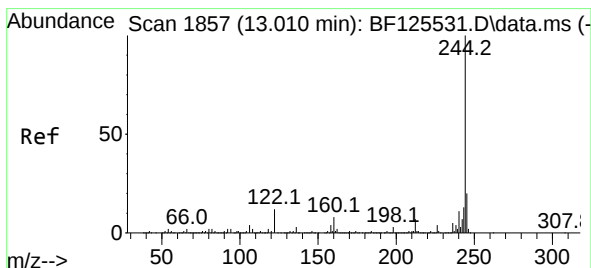
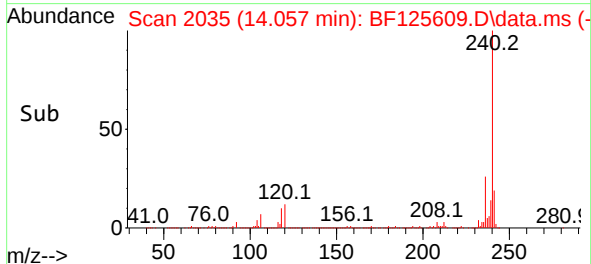
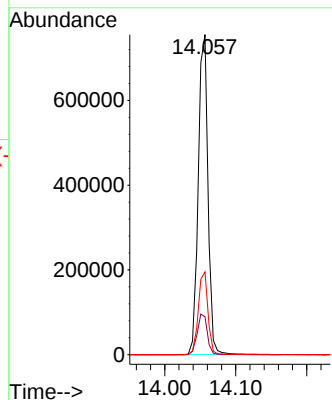
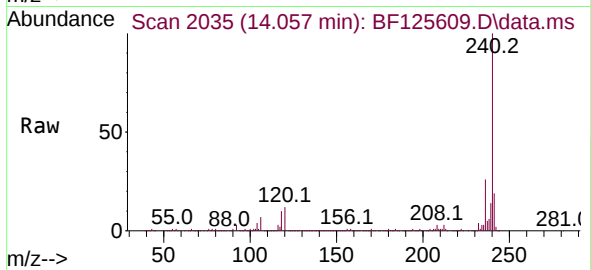




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125609.D
Acq: 24 Sep 2021 00:30

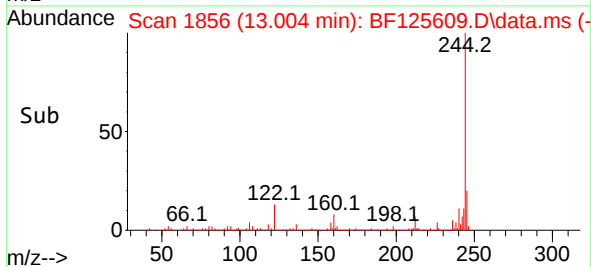
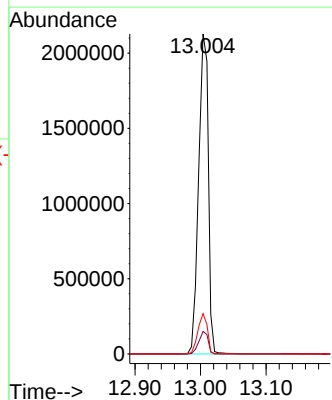
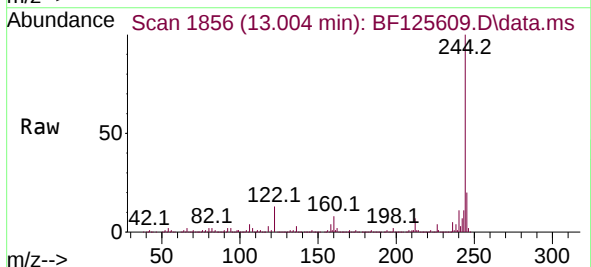
Instrument :
BNA_F
ClientSampleId :
PILLARS-2

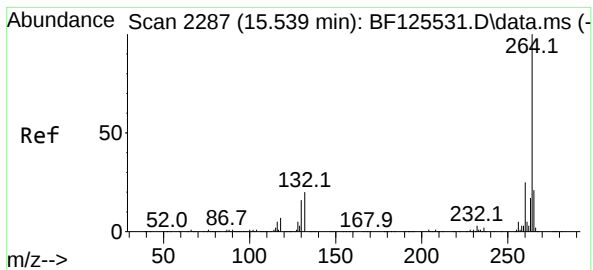
Tgt Ion:240 Resp: 722361
Ion Ratio Lower Upper
240 100
120 11.8 10.8 16.2
236 25.8 21.6 32.4



#79
Terphenyl-d14
Concen: 49.107 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125609.D
Acq: 24 Sep 2021 00:30

Tgt Ion:244 Resp: 2196719
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.6 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.006 min
 Lab File: BF125609.D
 Acq: 24 Sep 2021 00:30

Instrument :
 BNA_F
 ClientSampleId :
 PILLARS-2

Tgt Ion:264 Resp: 626821
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 20.7 17.2 25.8

