

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125598.D
 Acq On : 23 Sep 2021 18:34
 Operator : JU/CG
 Sample : M3730-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALLS

Quant Time: Sep 24 04:18:15 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)

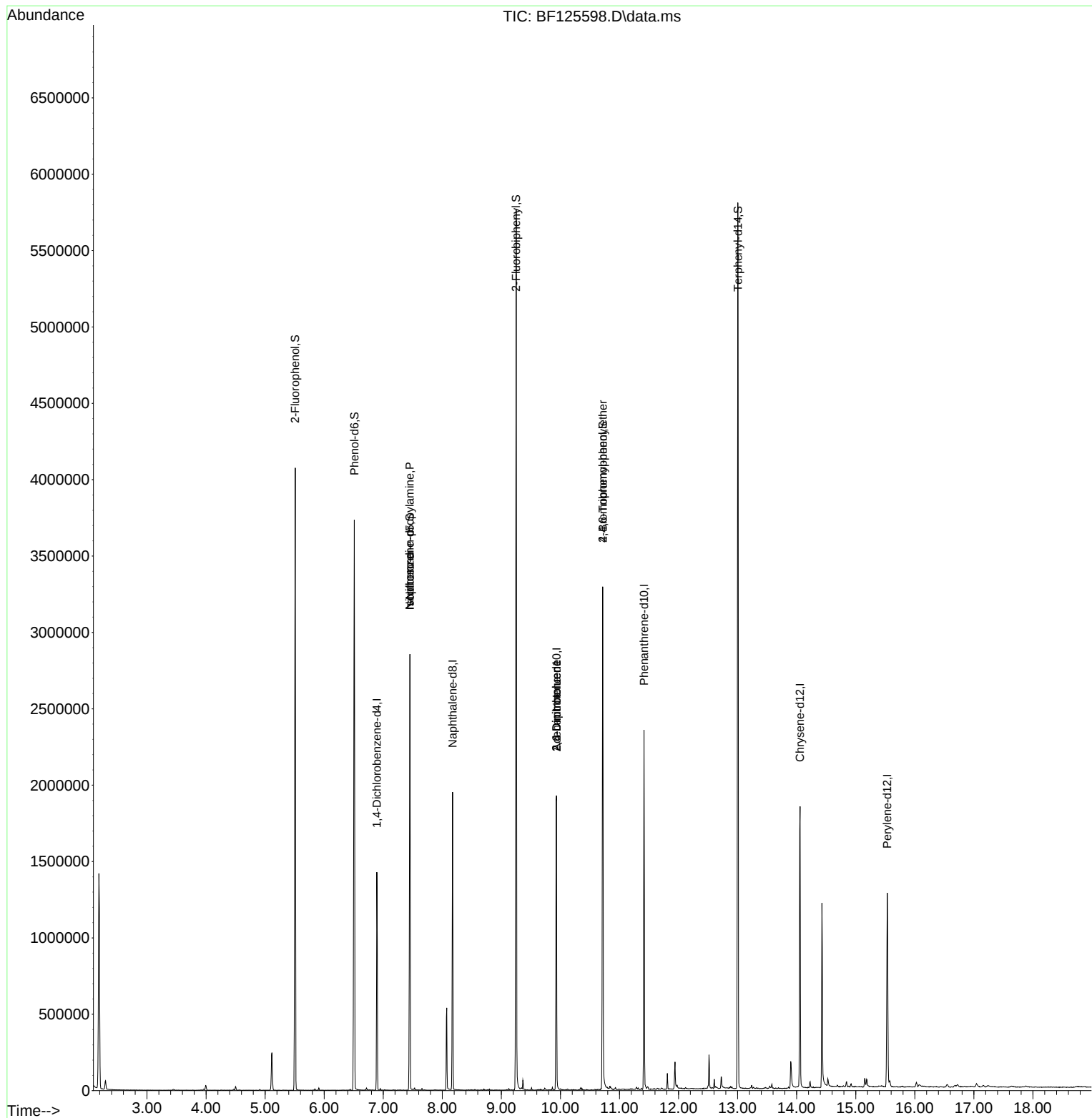
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	206713	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	843699	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	448060	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	789861	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	647063	20.000	ng	0.00
86) Perylene-d12	15.533	264	577380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1211630	92.690	ng	0.00
7) Phenol-d6	6.510	99	1510023	89.595	ng	-0.01
23) Nitrobenzene-d5	7.451	82	907302	68.590	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	441574	100.618	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1870459	74.130	ng	-0.01
79) Terphenyl-d14	13.004	244	2042582	50.975	ng	0.00
Target Compounds						
9) Benzaldehyde	6.439	77	491	Below Cal		Qvalue 90
19) n-Nitroso-di-n-propyla...	7.451	70	114298	11.331	ng	# 52
25) Isophorone	7.451	82	903089	31.725	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	56035	9.134	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	56036	7.622	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	24668	2.733	ng	# 1

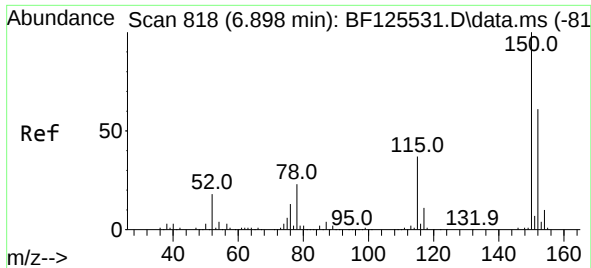
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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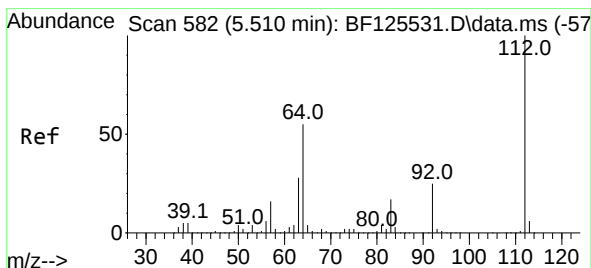
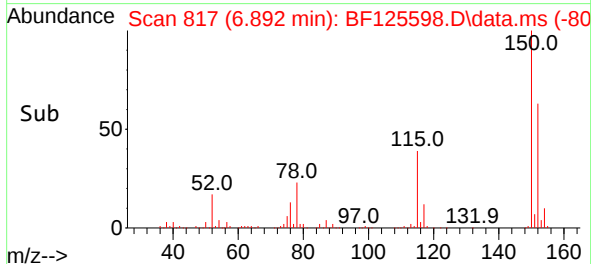
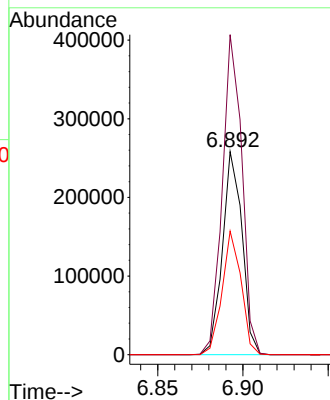
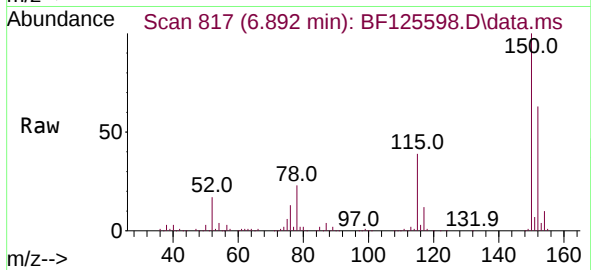




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125598.D
Acq: 23 Sep 2021 18:34

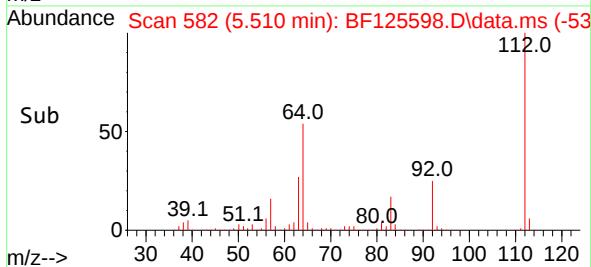
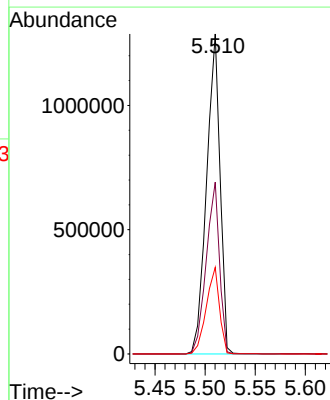
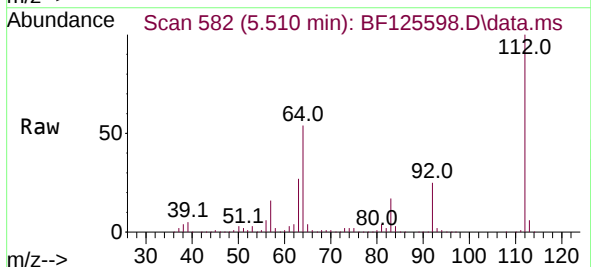
Instrument :
BNA_F
ClientSampled :
WALLS

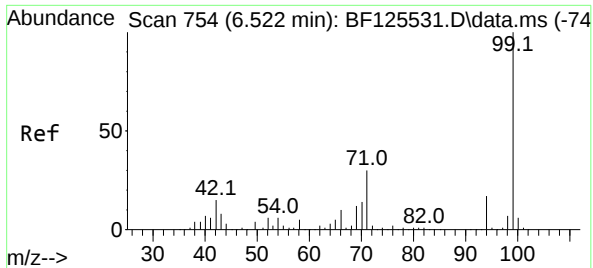
Tgt Ion:152 Resp: 206713
Ion Ratio Lower Upper
152 100
150 157.6 117.6 176.4
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 92.690 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF125598.D
Acq: 23 Sep 2021 18:34

Tgt Ion:112 Resp: 1211630
Ion Ratio Lower Upper
112 100
64 53.7 44.2 66.2
63 27.1 26.2 39.2

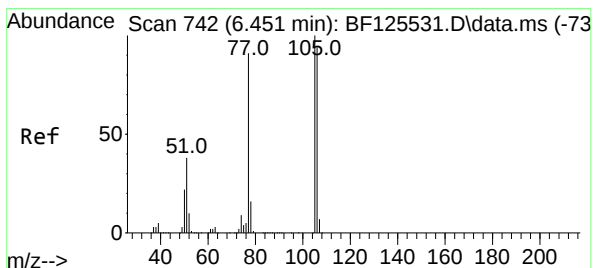
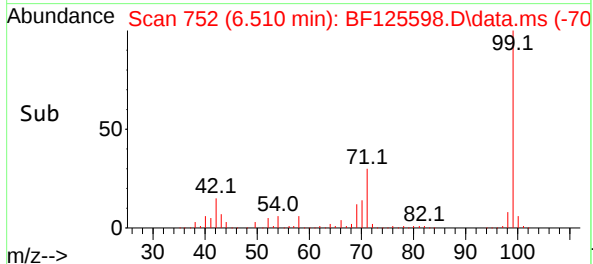
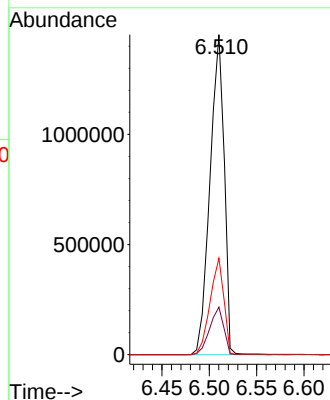
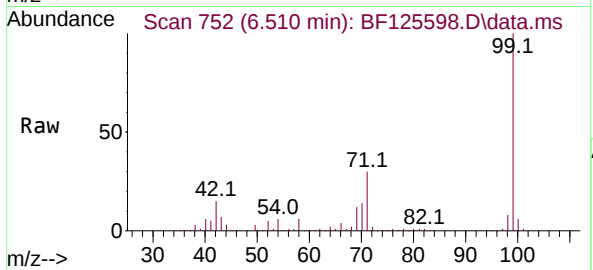




#7
Phenol-d6
Concen: 89.595 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125598.D
Acq: 23 Sep 2021 18:34

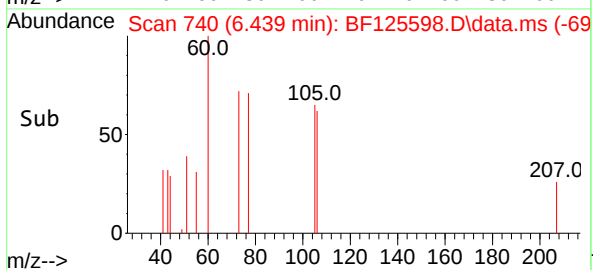
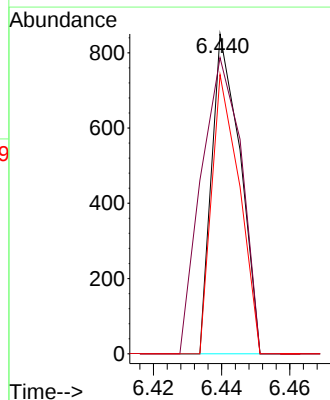
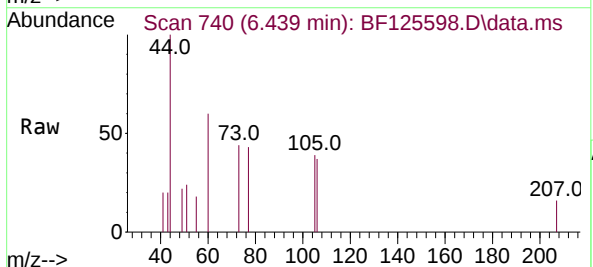
Instrument :
BNA_F
ClientSampled :
WALLS

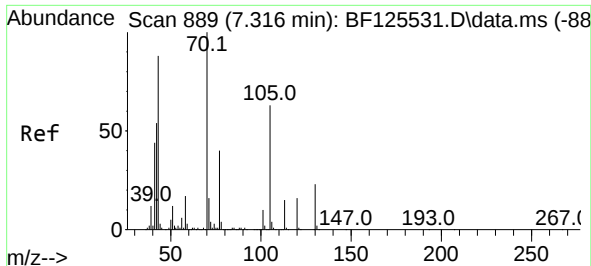
Tgt Ion: 99 Resp: 1510023
Ion Ratio Lower Upper
99 100
42 14.9 23.5 35.3#
71 30.1 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.439 min Scan# 740
Delta R.T. -0.011 min
Lab File: BF125598.D
Acq: 23 Sep 2021 18:34

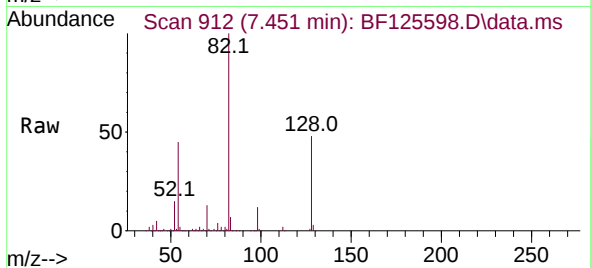
Tgt Ion: 77 Resp: 491
Ion Ratio Lower Upper
77 100
105 92.6 75.9 115.9
106 87.3 84.0 124.0



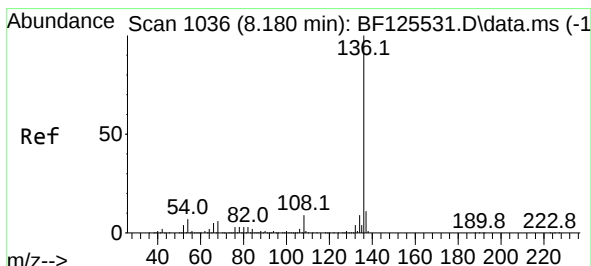
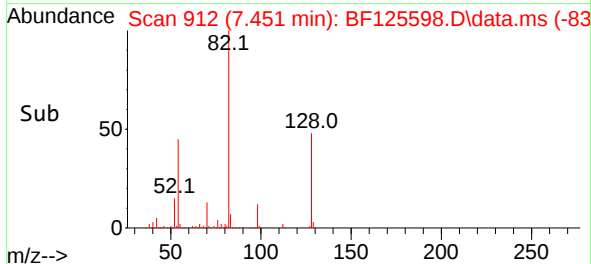
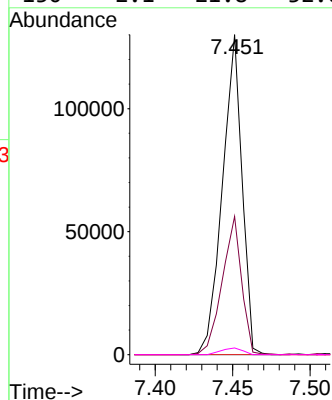


#19
n-Nitroso-di-n-propylamine
Concen: 11.331 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125598.D
Acq: 23 Sep 2021 18:34

Instrument :
BNA_F
ClientSampled :
WALLS

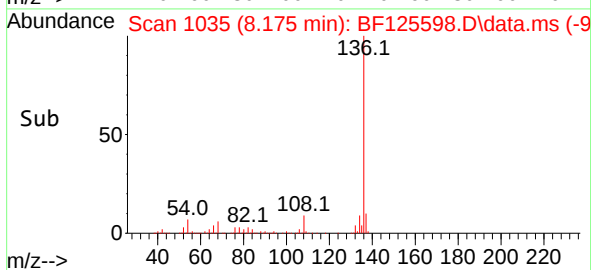
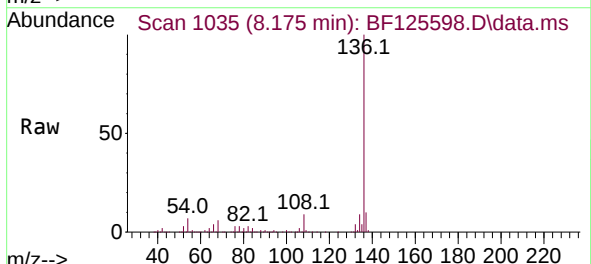
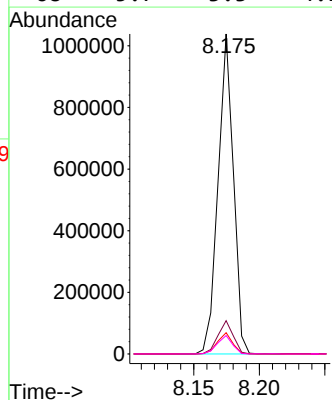


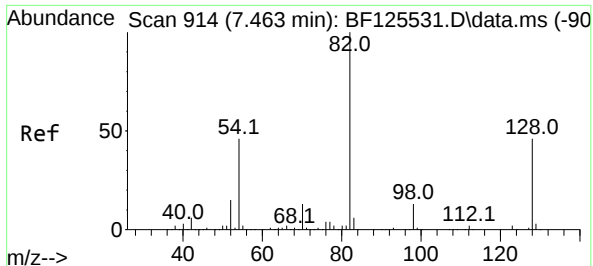
Tgt Ion: 70 Resp: 114298
Ion Ratio Lower Upper
70 100
42 43.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125598.D
Acq: 23 Sep 2021 18:34

Tgt Ion: 136 Resp: 843699
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 6.7 6.4 9.6
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 68.590 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125598.D

Acq: 23 Sep 2021 18:34

Tgt Ion: 82 Resp: 907302

Ion Ratio Lower Upper

82 100

128 47.5 40.6 60.8

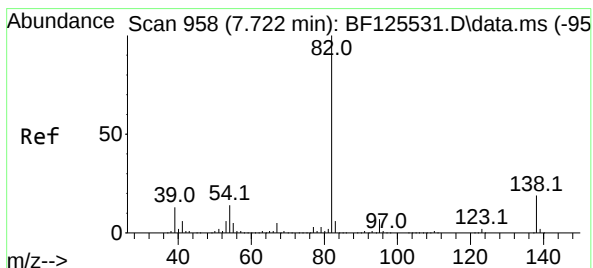
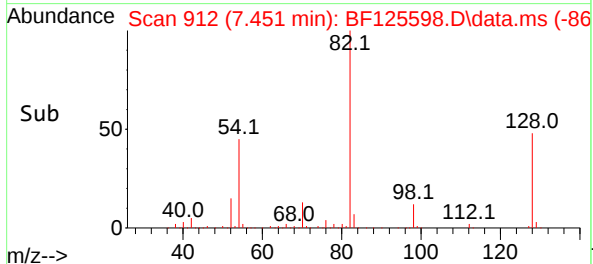
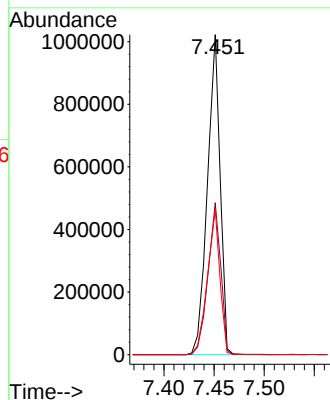
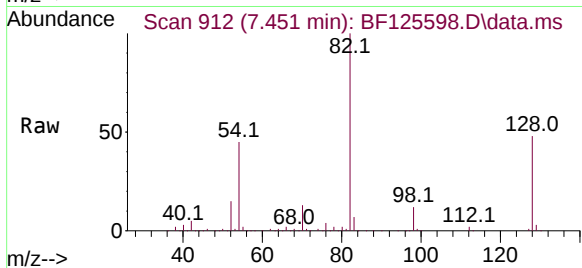
54 45.3 49.6 74.4#

Instrument :

BNA_F

ClientSampleId :

WALLS



#25

Isophorone

Concen: 31.725 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.270 min

Lab File: BF125598.D

Acq: 23 Sep 2021 18:34

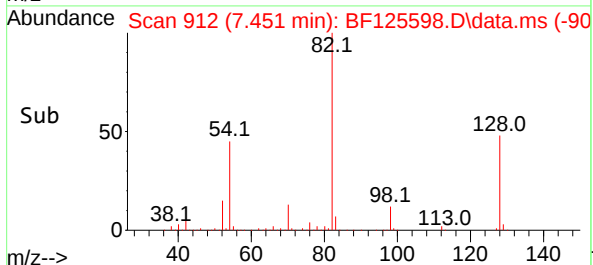
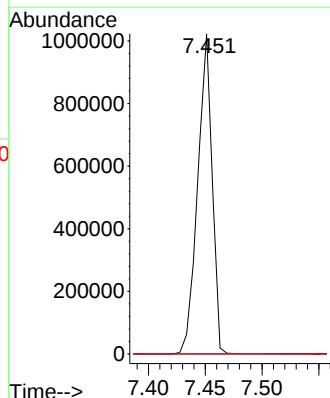
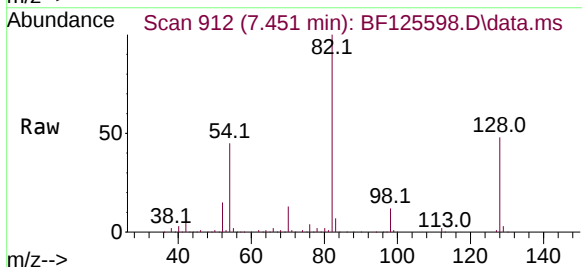
Tgt Ion: 82 Resp: 903089

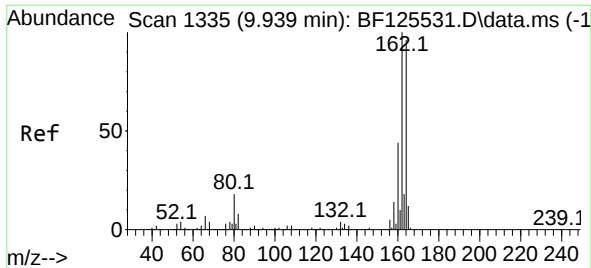
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

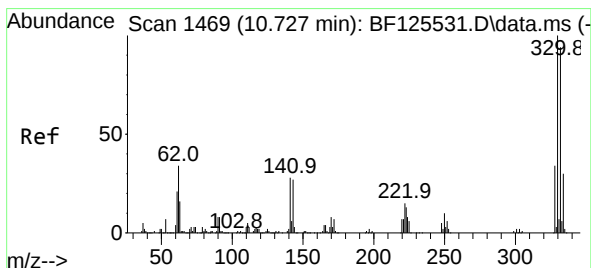
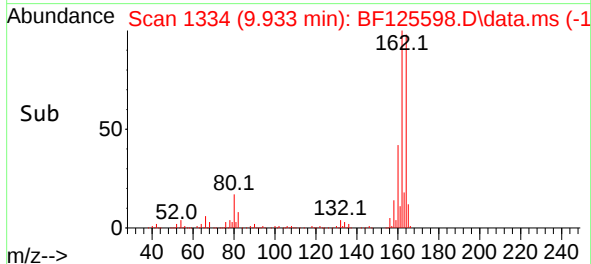
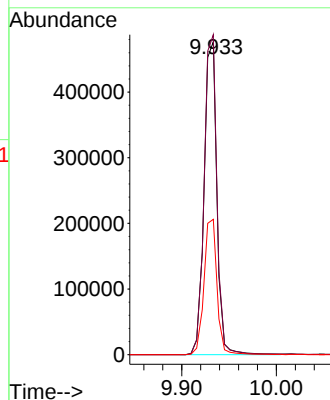
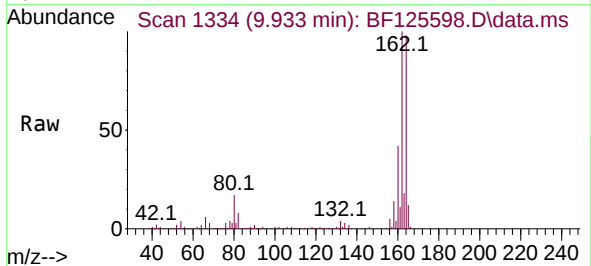




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125598.D
Acq: 23 Sep 2021 18:34

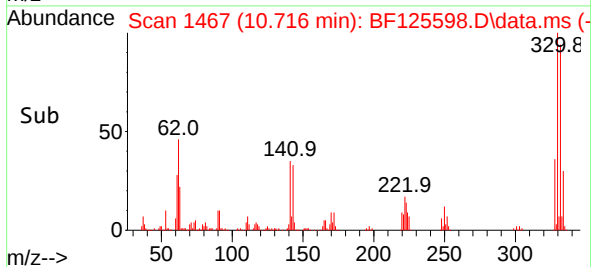
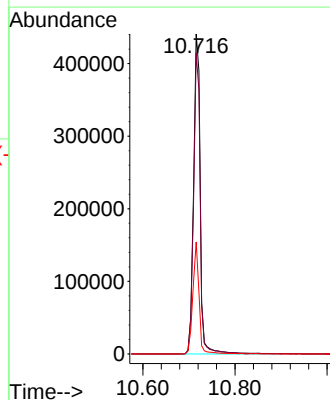
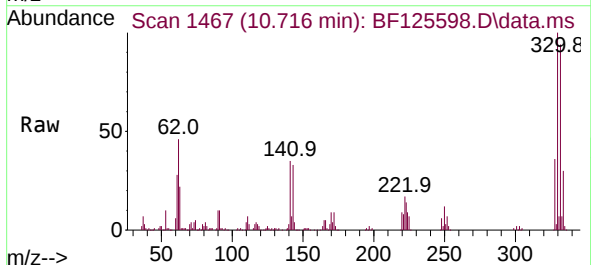
Instrument :
BNA_F
ClientSampleId :
WALLS

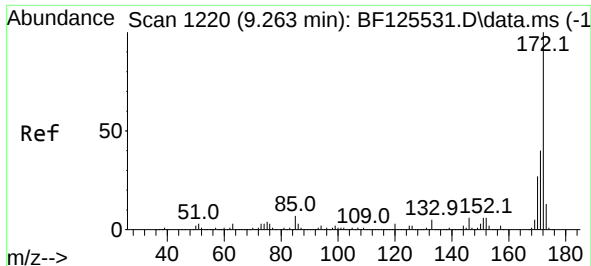
Tgt Ion:164 Resp: 448060
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 43.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 100.618 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF125598.D
Acq: 23 Sep 2021 18:34

Tgt Ion:330 Resp: 441574
Ion Ratio Lower Upper
330 100
332 93.3 76.2 114.4
141 32.6 44.6 66.8#

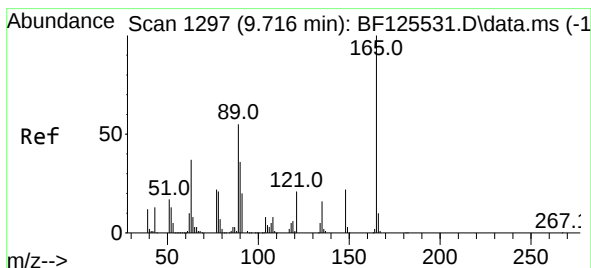
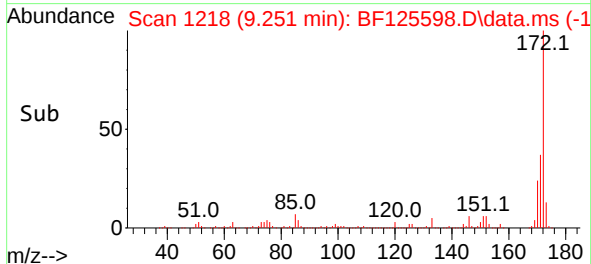
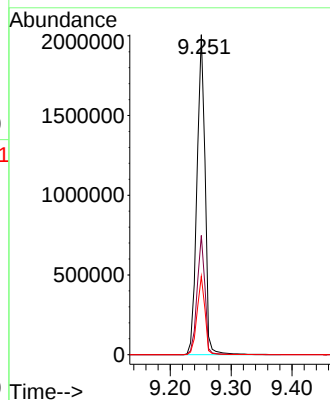
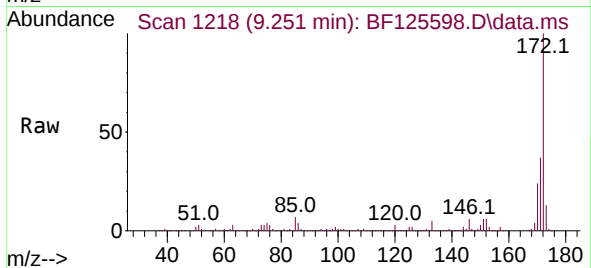




#45
2-Fluorobiphenyl
Concen: 74.130 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125598.D
Acq: 23 Sep 2021 18:34

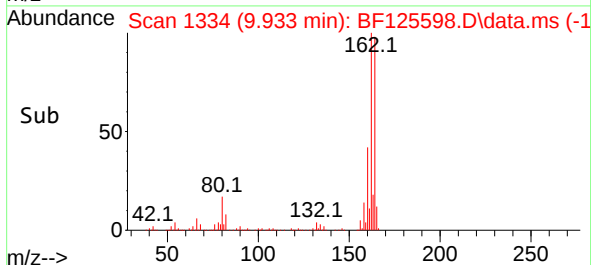
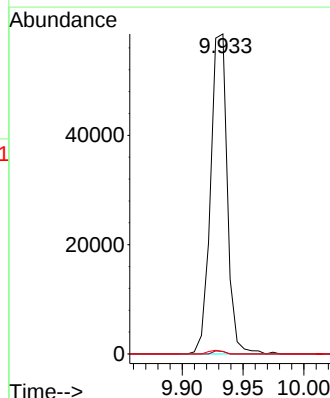
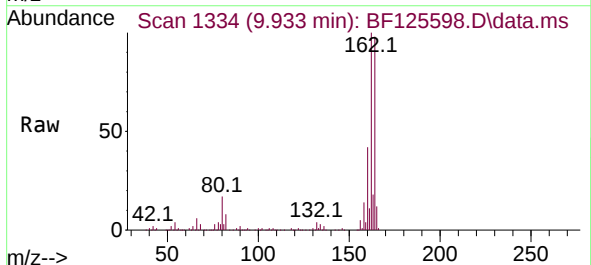
Instrument :
BNA_F
ClientSampleId :
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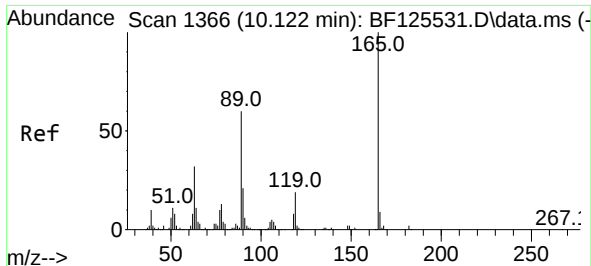
Tgt Ion:172 Resp: 1870459
Ion Ratio Lower Upper
172 100
171 37.2 26.5 39.7
170 24.5 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.134 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125598.D
Acq: 23 Sep 2021 18:34

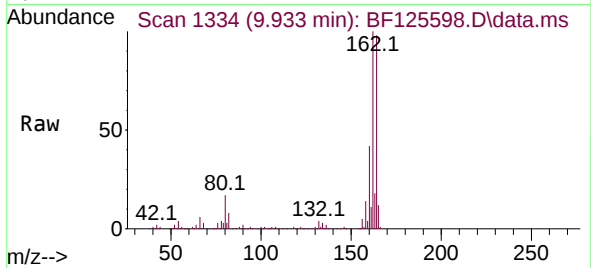
Tgt Ion:165 Resp: 56035
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.7 40.6 60.8#



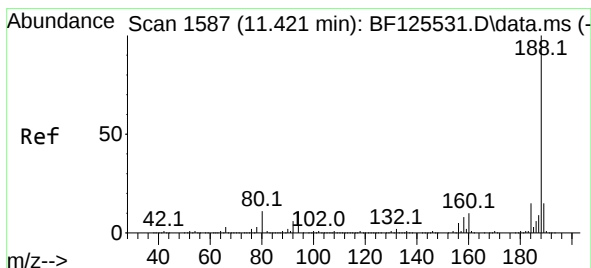
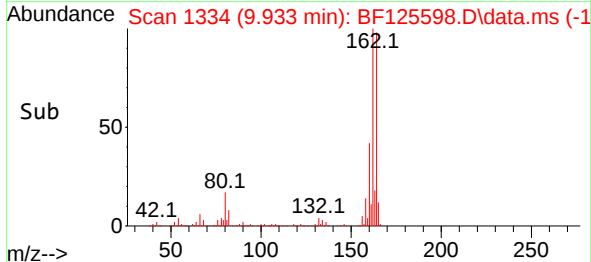
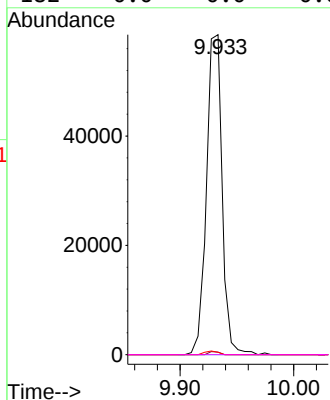


#57
2,4-Dinitrotoluene
Concen: 7.622 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125598.D
Acq: 23 Sep 2021 18:34

Instrument :
BNA_F
ClientSampled :
WALLS

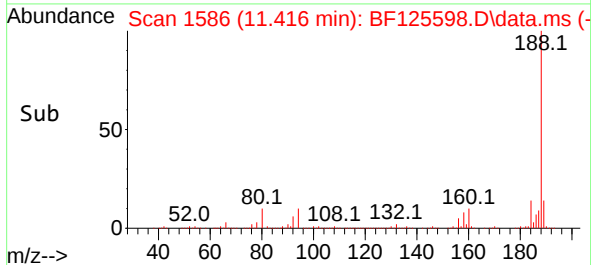
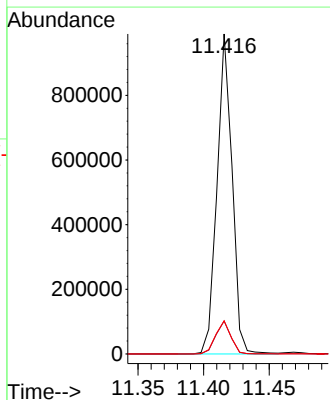
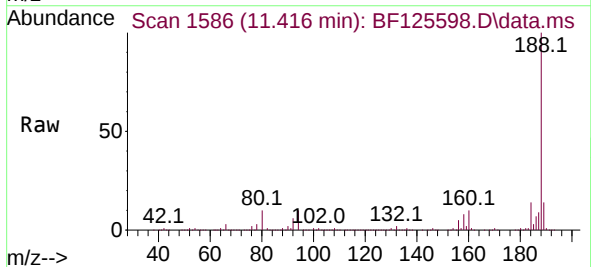


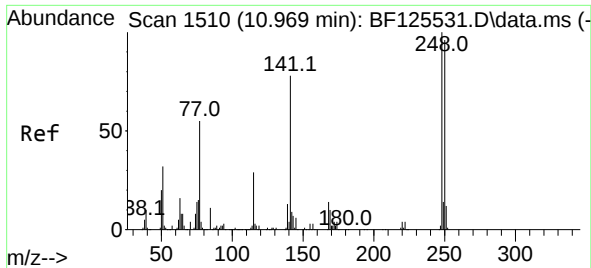
Tgt Ion:165	Resp:	56036
Ion Ratio	Lower	Upper
165	100	
63	0.8	40.9 61.3#
89	0.7	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125598.D
Acq: 23 Sep 2021 18:34

Tgt Ion:188	Resp:	789861
Ion Ratio	Lower	Upper
188	100	
94	10.3	6.7 10.1#
80	10.4	7.5 11.3

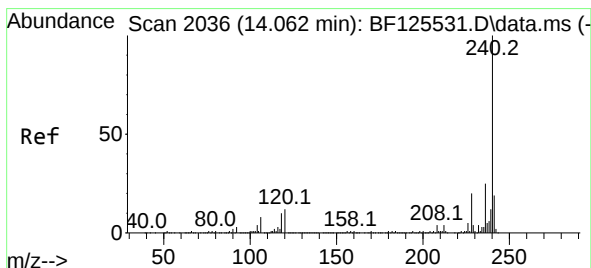
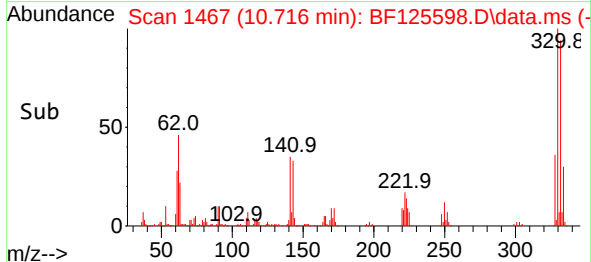
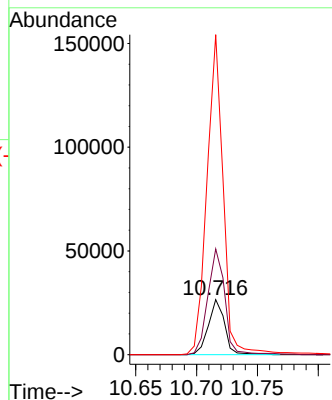
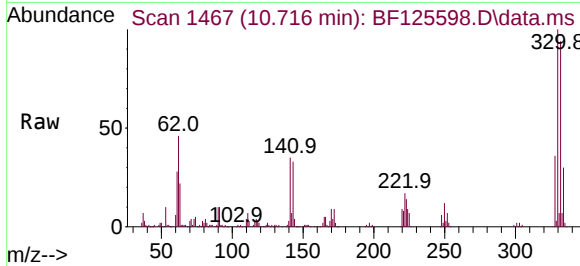




#67
4-Bromophenyl-phenylether
Concen: 2.733 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125598.D
Acq: 23 Sep 2021 18:34

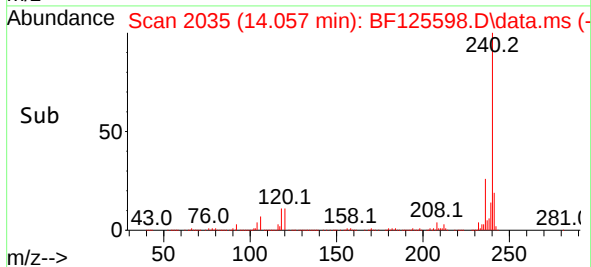
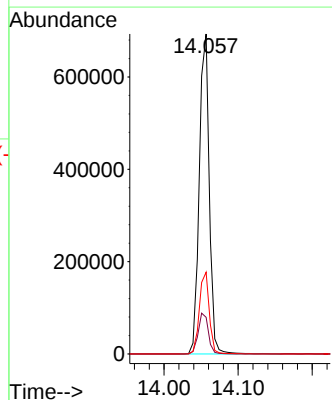
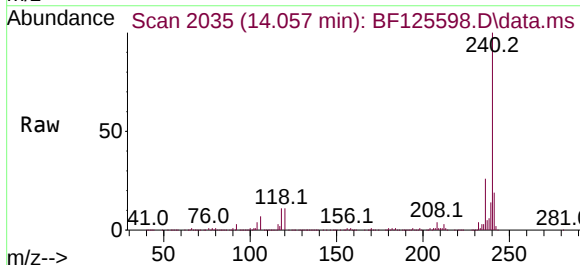
Instrument :
BNA_F
ClientSampleId :
WALLS

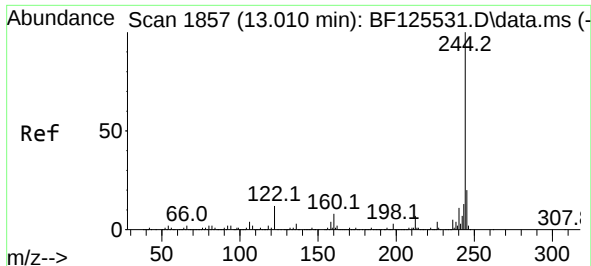
Tgt Ion:248 Resp: 24668
Ion Ratio Lower Upper
248 100
250 192.2 74.2 111.4#
141 581.8 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125598.D
Acq: 23 Sep 2021 18:34

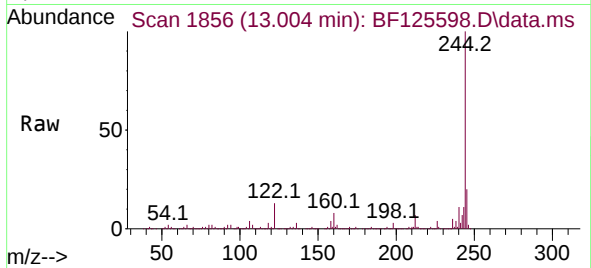
Tgt Ion:240 Resp: 647063
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 25.5 21.6 32.4



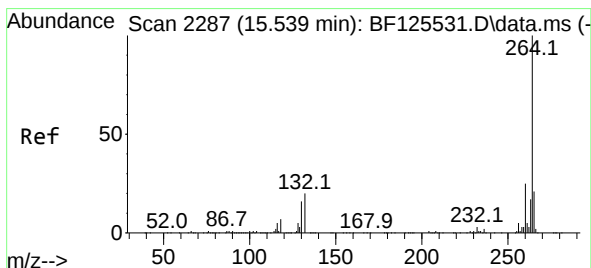
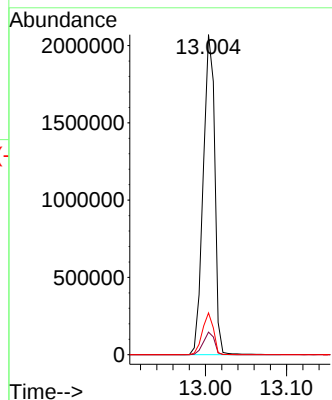
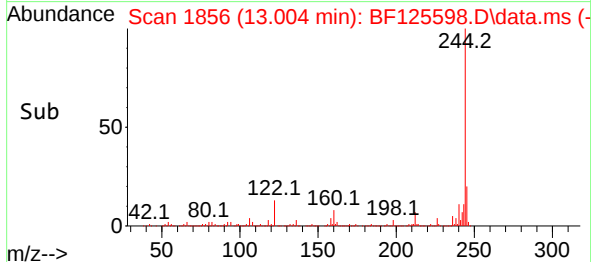


#79
Terphenyl-d14
Concen: 50.975 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125598.D
Acq: 23 Sep 2021 18:34

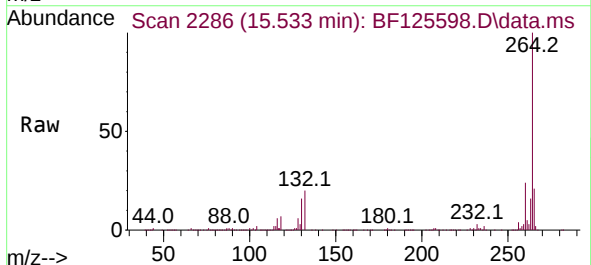
Instrument :
BNA_F
ClientSampleId :
WALLS



Tgt Ion:244 Resp: 2042582
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 13.1 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: BF125598.D
Acq: 23 Sep 2021 18:34



Tgt Ion:264 Resp: 577380
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 20.8 17.2 25.8

