

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
 Data File : BF125307.D
 Acq On : 1 Sep 2021 15:31
 Operator : JU/CG
 Sample : M3577-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Sep 02 08:15:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

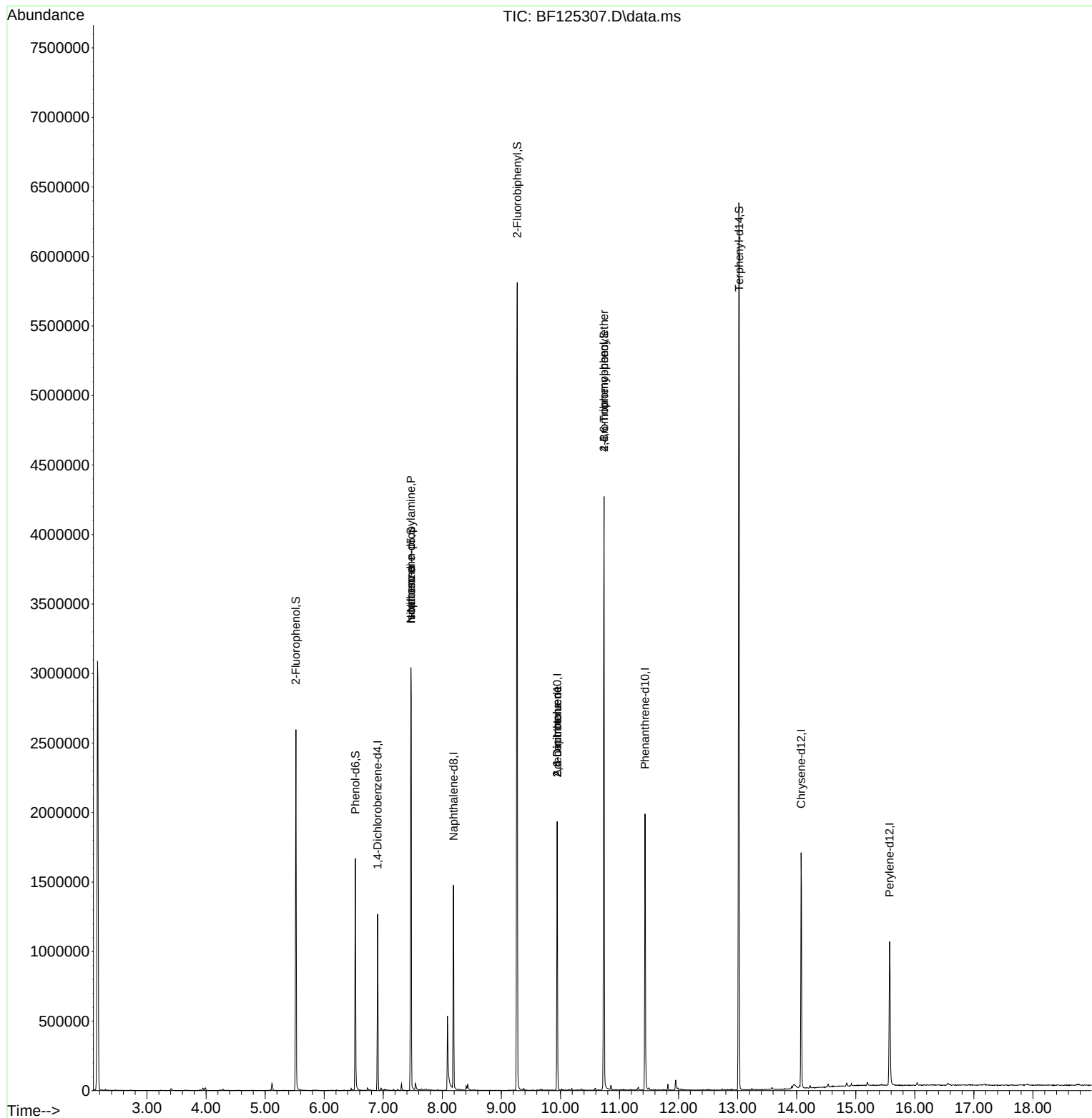
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	166138	20.000	ng	-0.01
21) Naphthalene-d8	8.192	136	664277	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	370989	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	724683	20.000	ng	0.00
76) Chrysene-d12	14.074	240	607910	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	496183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	613537	55.896	ng	0.00
7) Phenol-d6	6.528	99	481788	33.938	ng	-0.01
23) Nitrobenzene-d5	7.469	82	1074505	81.434	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	549882	148.485	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1908343	71.693	ng	0.00
79) Terphenyl-d14	13.027	244	2648486	69.406	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	144722	16.949	ng	# 59
25) Isophorone	7.469	82	1074491	42.212	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	48110	8.630	ng	# 27
57) 2,4-Dinitrotoluene	9.945	165	48110	7.131	ng	# 19
67) 4-Bromophenyl-phenylether	10.739	248	33416	3.840	ng	# 1

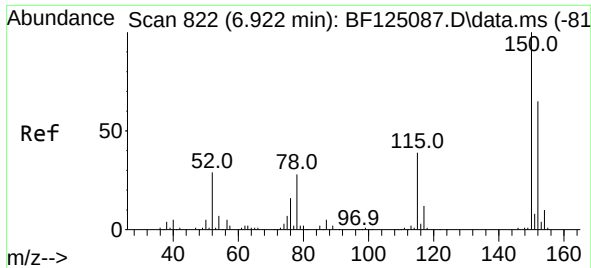
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

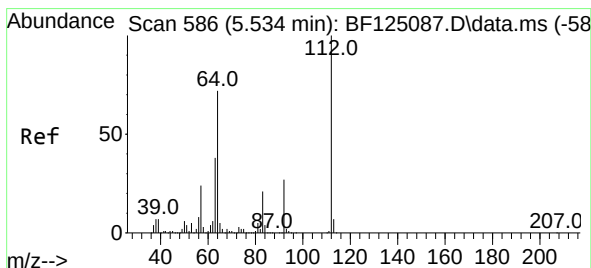
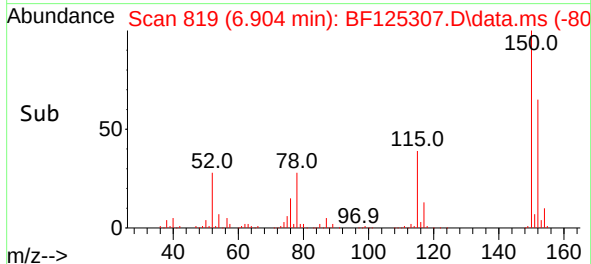
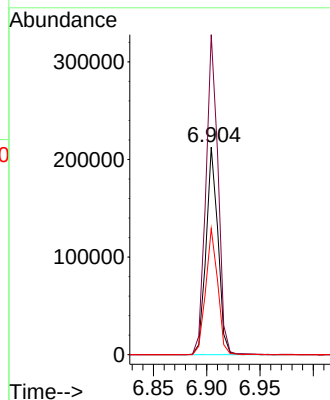
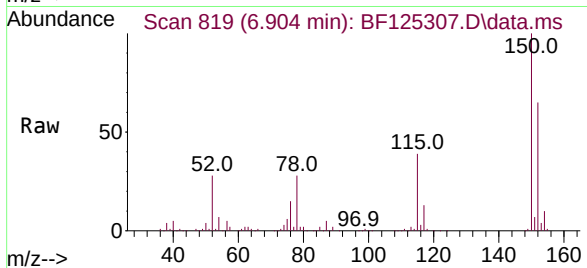




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125307.D
Acq: 1 Sep 2021 15:31

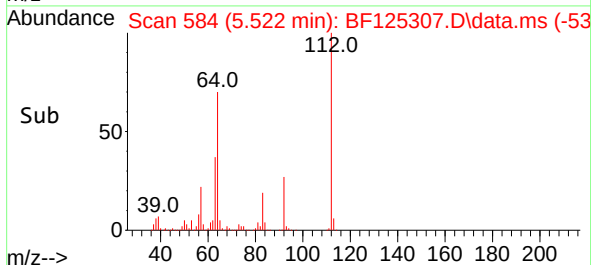
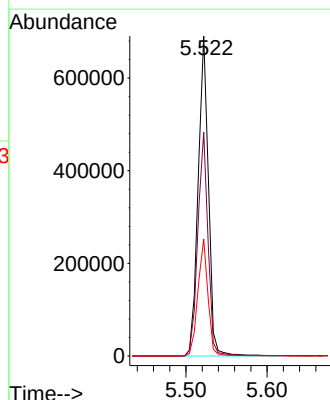
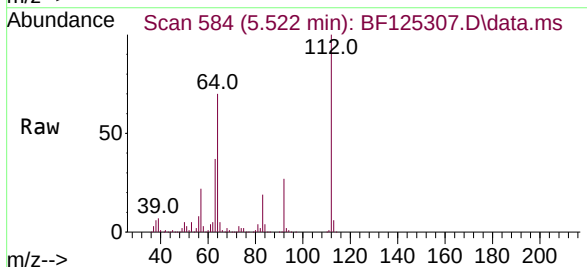
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BNA_F
ClientSampleId :
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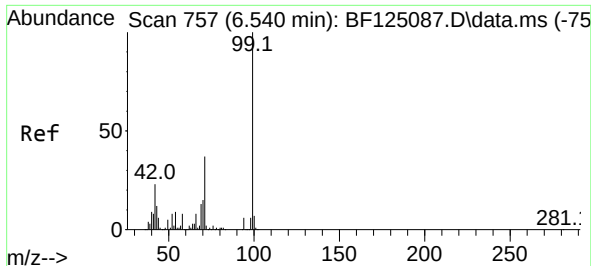
Tgt Ion:152 Resp: 166138
Ion Ratio Lower Upper
152 100
150 154.2 117.6 176.4
115 60.8 47.1 70.7



#5
2-Fluorophenol
Concen: 55.896 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.006 min
Lab File: BF125307.D
Acq: 1 Sep 2021 15:31

Tgt Ion:112 Resp: 613537
Ion Ratio Lower Upper
112 100
64 69.9 44.2 66.2#
63 36.5 26.2 39.2

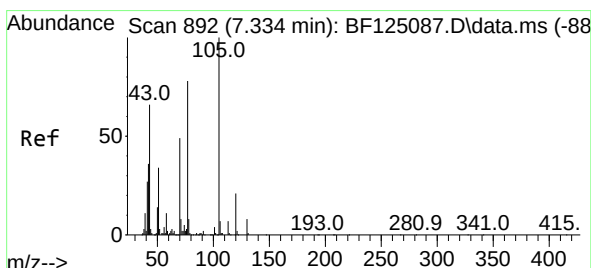
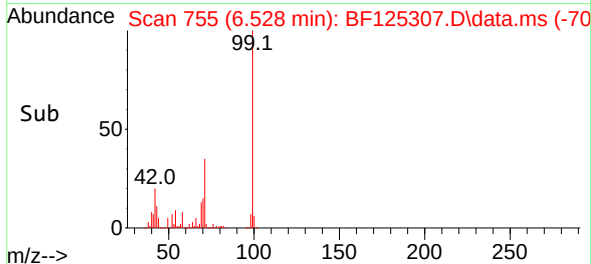
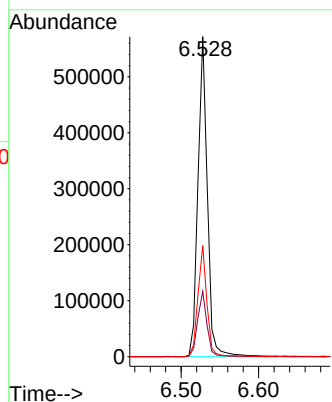
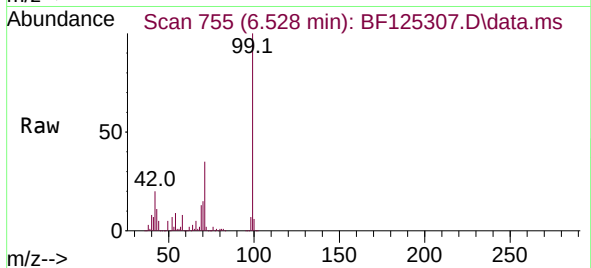




#7
Phenol-d6
Concen: 33.938 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF125307.D
Acq: 1 Sep 2021 15:31

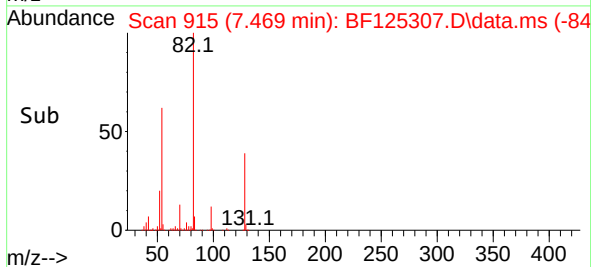
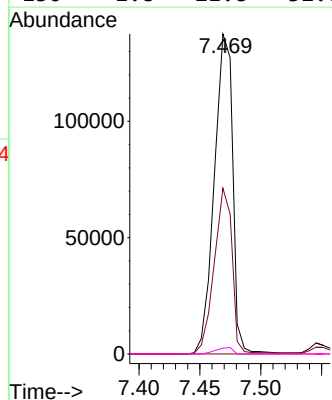
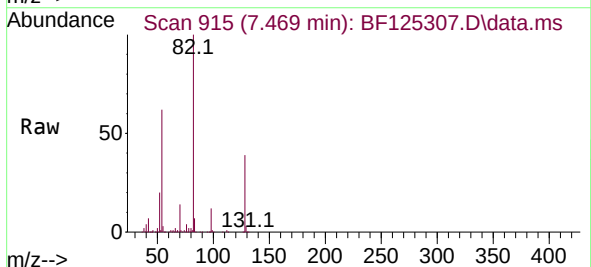
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ClientSampleId :
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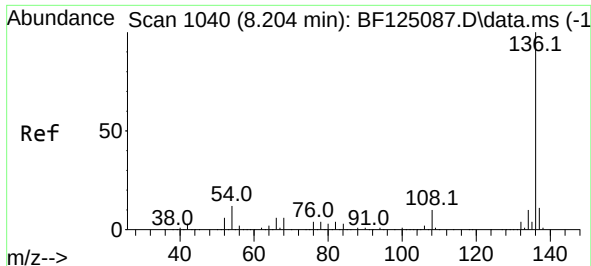
Tgt Ion: 99 Resp: 481788
Ion Ratio Lower Upper
99 100
42 20.4 23.5 35.3#
71 34.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.949 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.141 min
Lab File: BF125307.D
Acq: 1 Sep 2021 15:31

Tgt Ion: 70 Resp: 144722
Ion Ratio Lower Upper
70 100
42 51.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

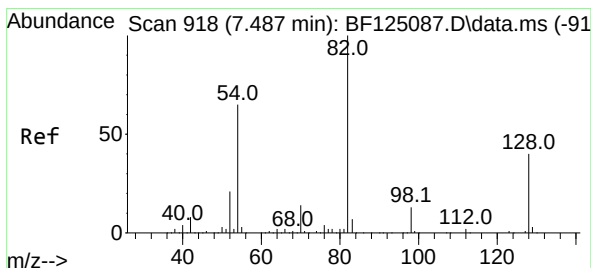
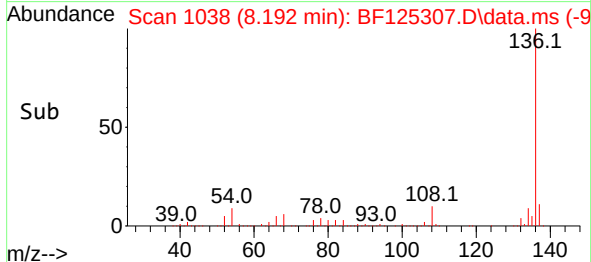
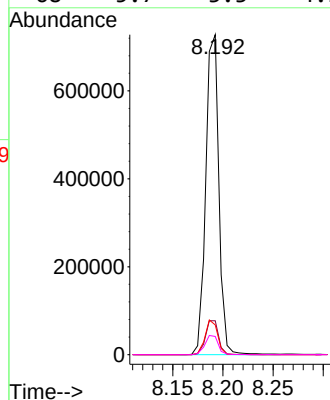
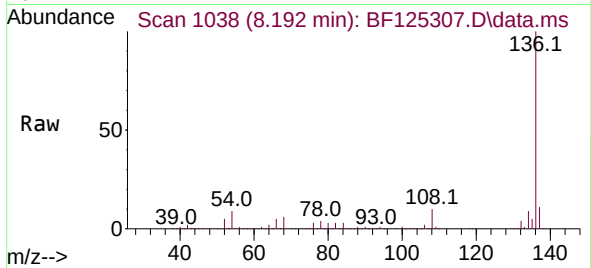




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125307.D
Acq: 1 Sep 2021 15:31

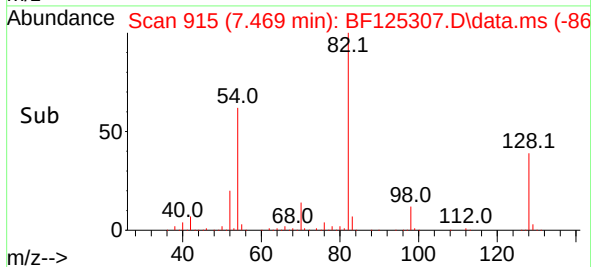
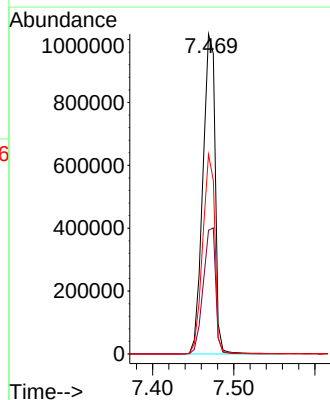
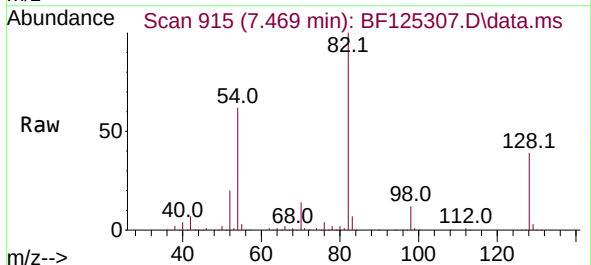
Instrument :
BNA_F
ClientSampleId :
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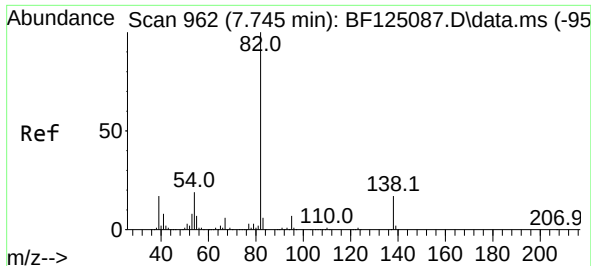
Tgt	Ion:136	Resp:	664277
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	9.3	6.4	9.6
68	5.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 81.434 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125307.D
Acq: 1 Sep 2021 15:31

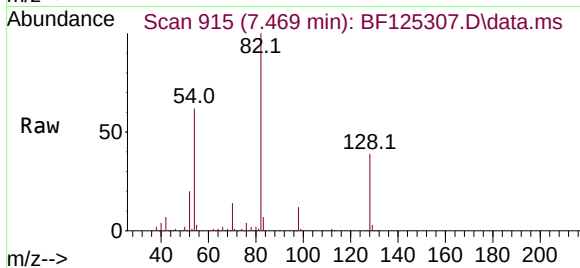
Tgt Ion: 82		Resp: 1074505	
Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	60.8#
54	62.3	49.6	74.4



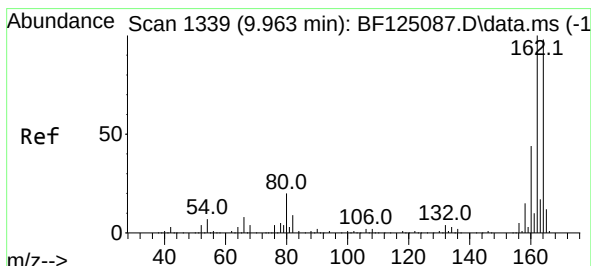
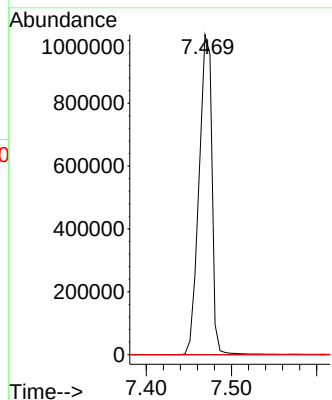
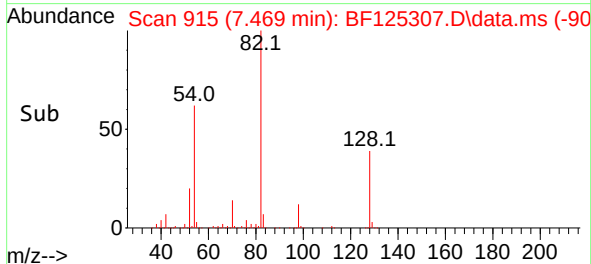


#25
Isophorone
Concen: 42.212 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125307.D
Acq: 1 Sep 2021 15:31

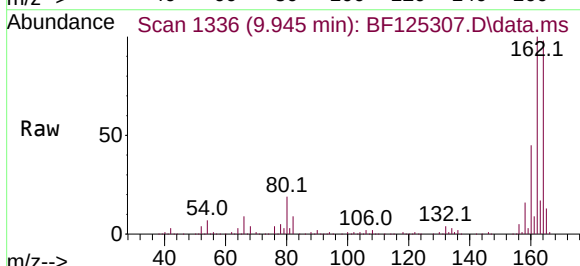
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BNA_F
ClientSampleId :
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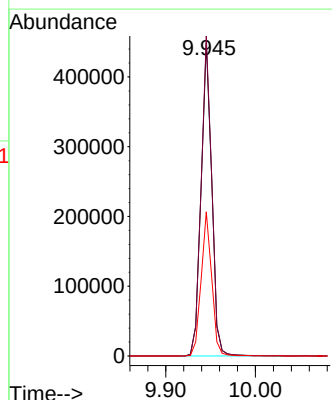
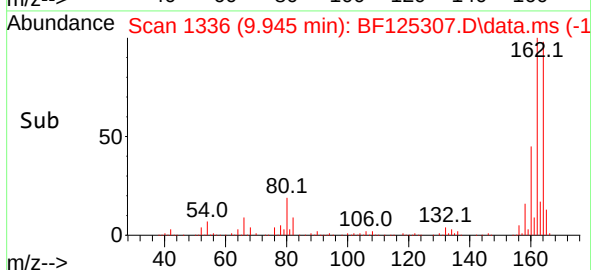
Tgt Ion: 82 Resp: 1074491
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

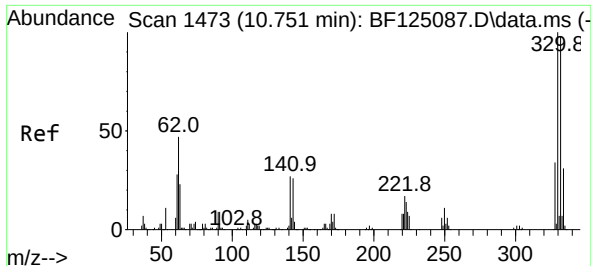


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125307.D
Acq: 1 Sep 2021 15:31



Tgt Ion: 164 Resp: 370989
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 46.0 38.0 57.0

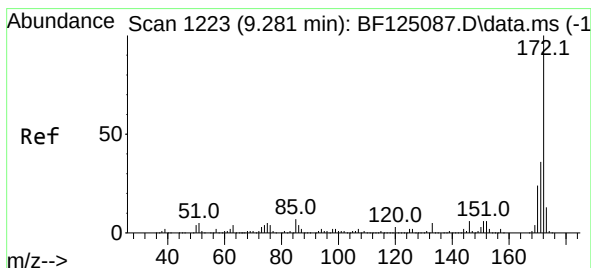
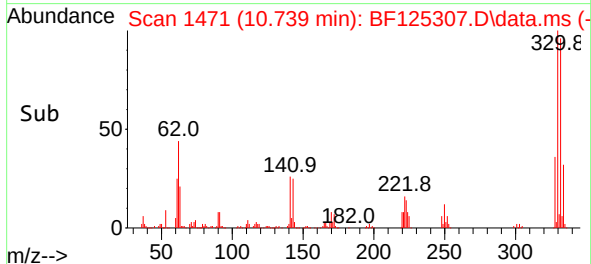
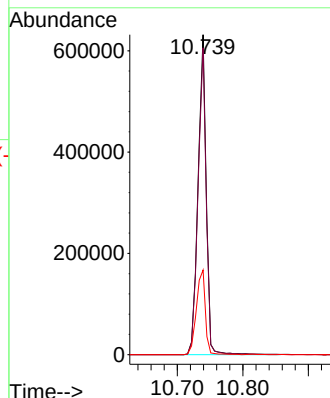
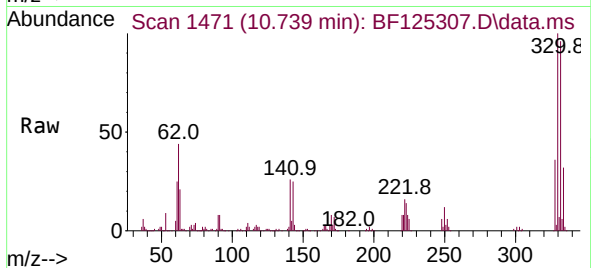




#42
2,4,6-Tribromophenol
Concen: 148.485 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125307.D
Acq: 1 Sep 2021 15:31

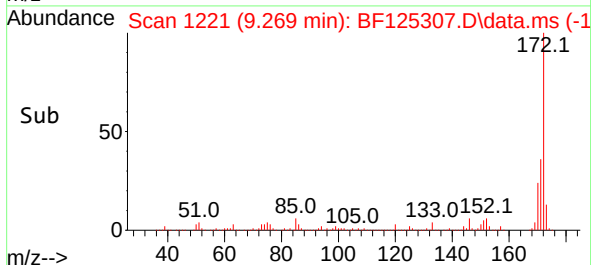
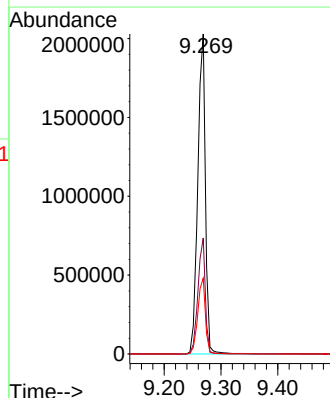
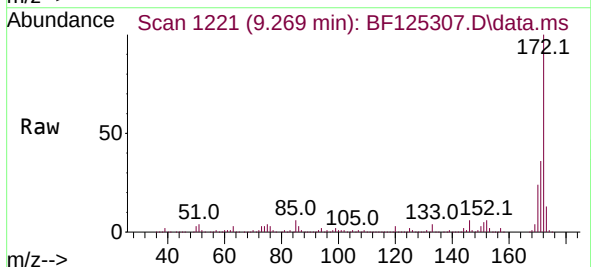
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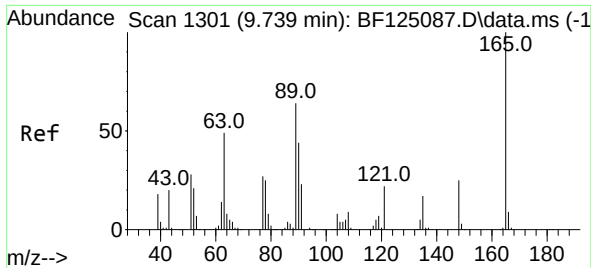
Tgt Ion:330 Resp: 549882
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 29.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 71.693 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125307.D
Acq: 1 Sep 2021 15:31

Tgt Ion:172 Resp: 1908343
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 23.7 18.8 28.2

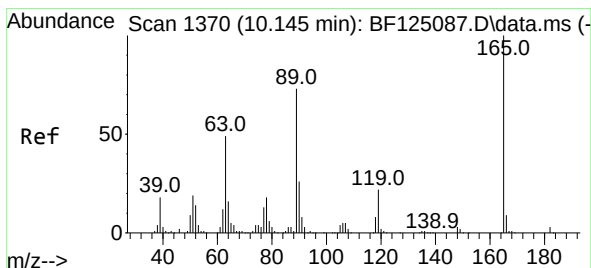
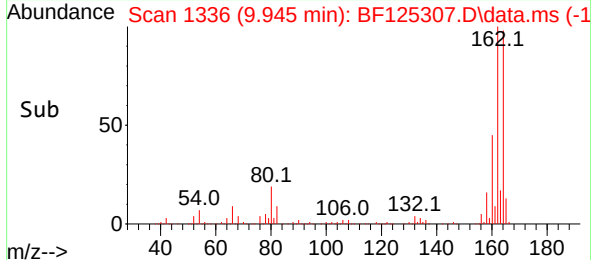
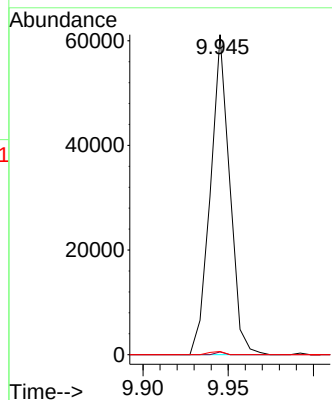
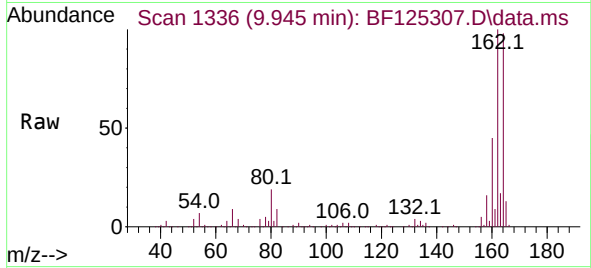




#51
2,6-Dinitrotoluene
Concen: 8.630 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125307.D
Acq: 1 Sep 2021 15:31

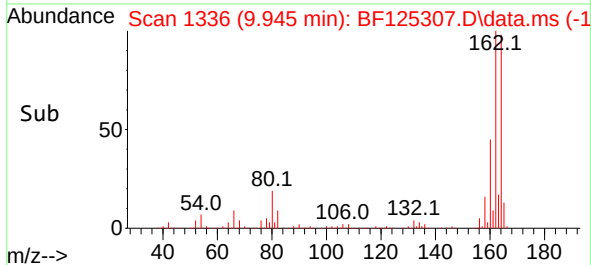
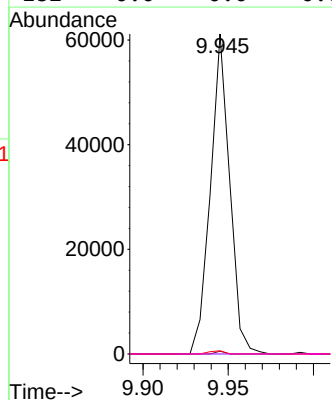
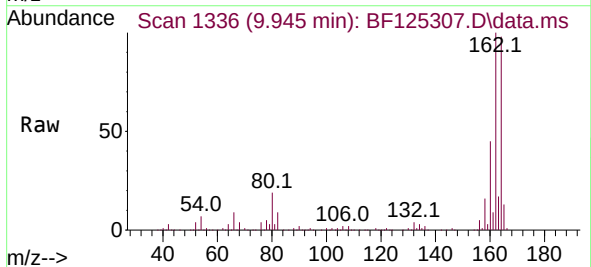
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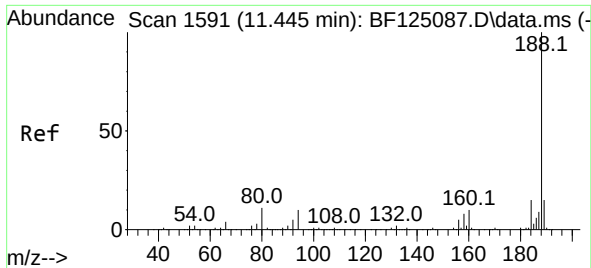
Tgt Ion:165 Resp: 48110
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.131 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125307.D
Acq: 1 Sep 2021 15:31

Tgt Ion:165 Resp: 48110
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

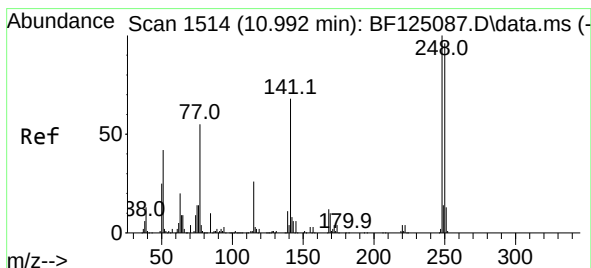
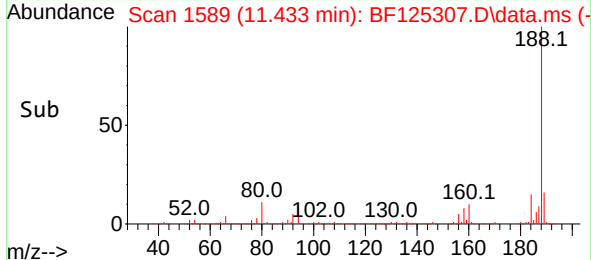
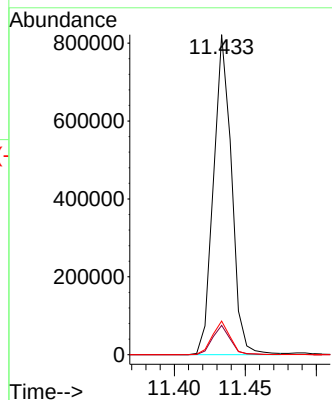
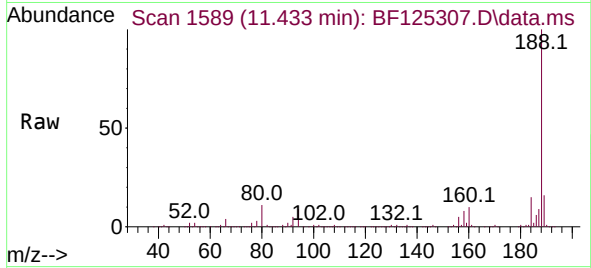




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125307.D
Acq: 1 Sep 2021 15:31

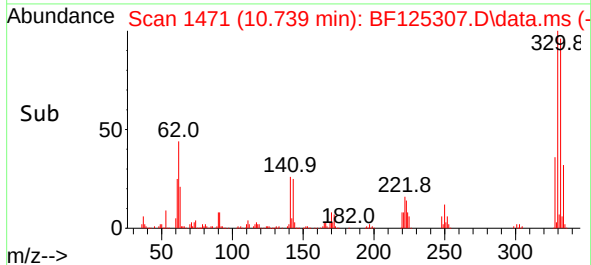
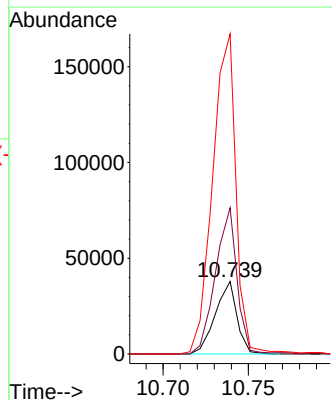
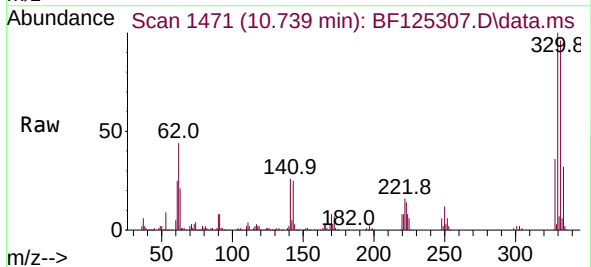
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BNA_F
ClientSampleId :
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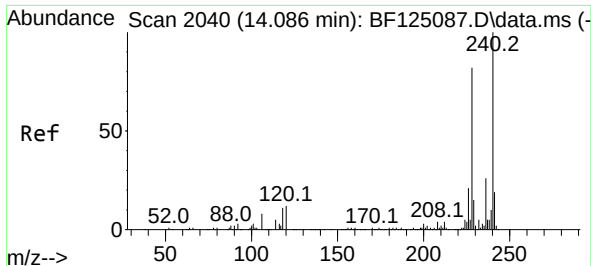
Tgt Ion:188 Resp: 724683
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.840 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125307.D
Acq: 1 Sep 2021 15:31

Tgt Ion:248 Resp: 33416
Ion Ratio Lower Upper
248 100
250 202.0 74.2 111.4#
141 441.8 60.4 90.6#

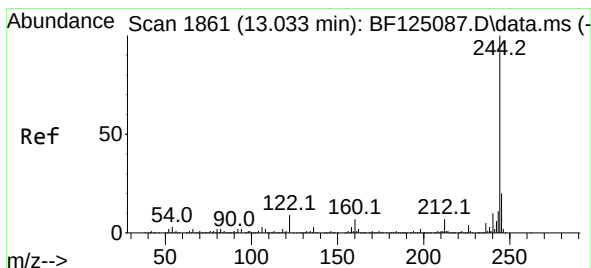
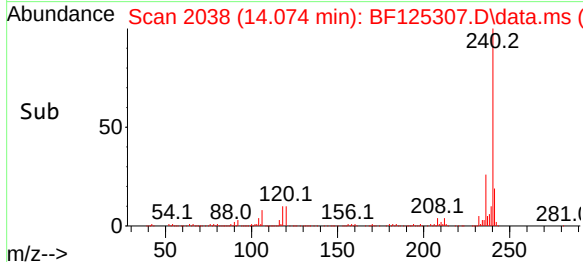
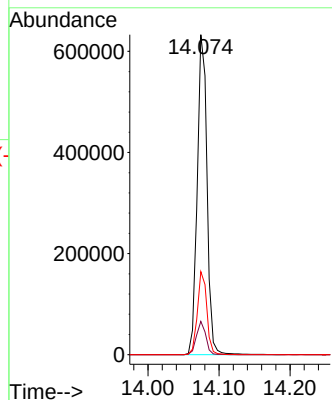
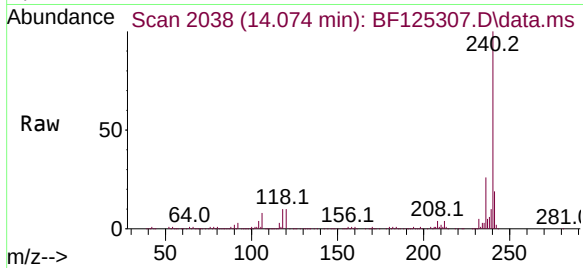




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125307.D
Acq: 1 Sep 2021 15:31

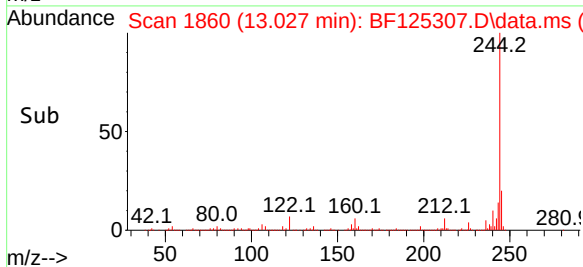
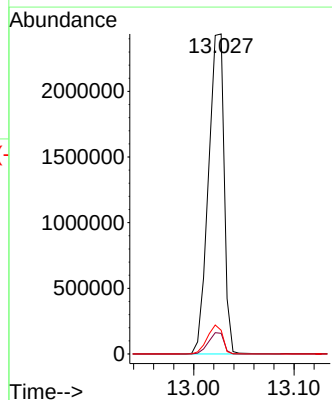
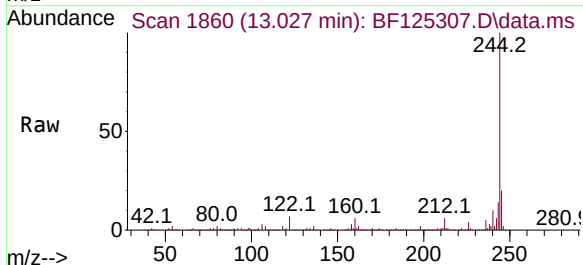
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

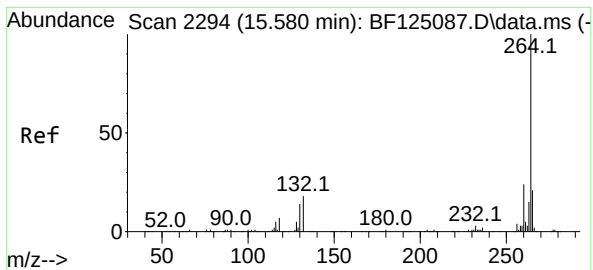
Tgt Ion:240 Resp: 607910
Ion Ratio Lower Upper
240 100
120 10.4 10.8 16.2#
236 25.9 21.6 32.4



#79
Terphenyl-d14
Concen: 69.406 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125307.D
Acq: 1 Sep 2021 15:31

Tgt Ion:244 Resp: 2648486
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 7.4 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.000 min
 Lab File: BF125307.D
 Acq: 1 Sep 2021 15:31

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:264	Resp:	496183
Ion	Ratio	Lower Upper
264	100	
260	23.2	19.6 29.4
265	21.2	17.2 25.8

