

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
 Data File : BF125308.D
 Acq On : 1 Sep 2021 16:03
 Operator : JU/CG
 Sample : M3607-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211022-FIELD-BLANK

Quant Time: Sep 02 08:15:55 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)

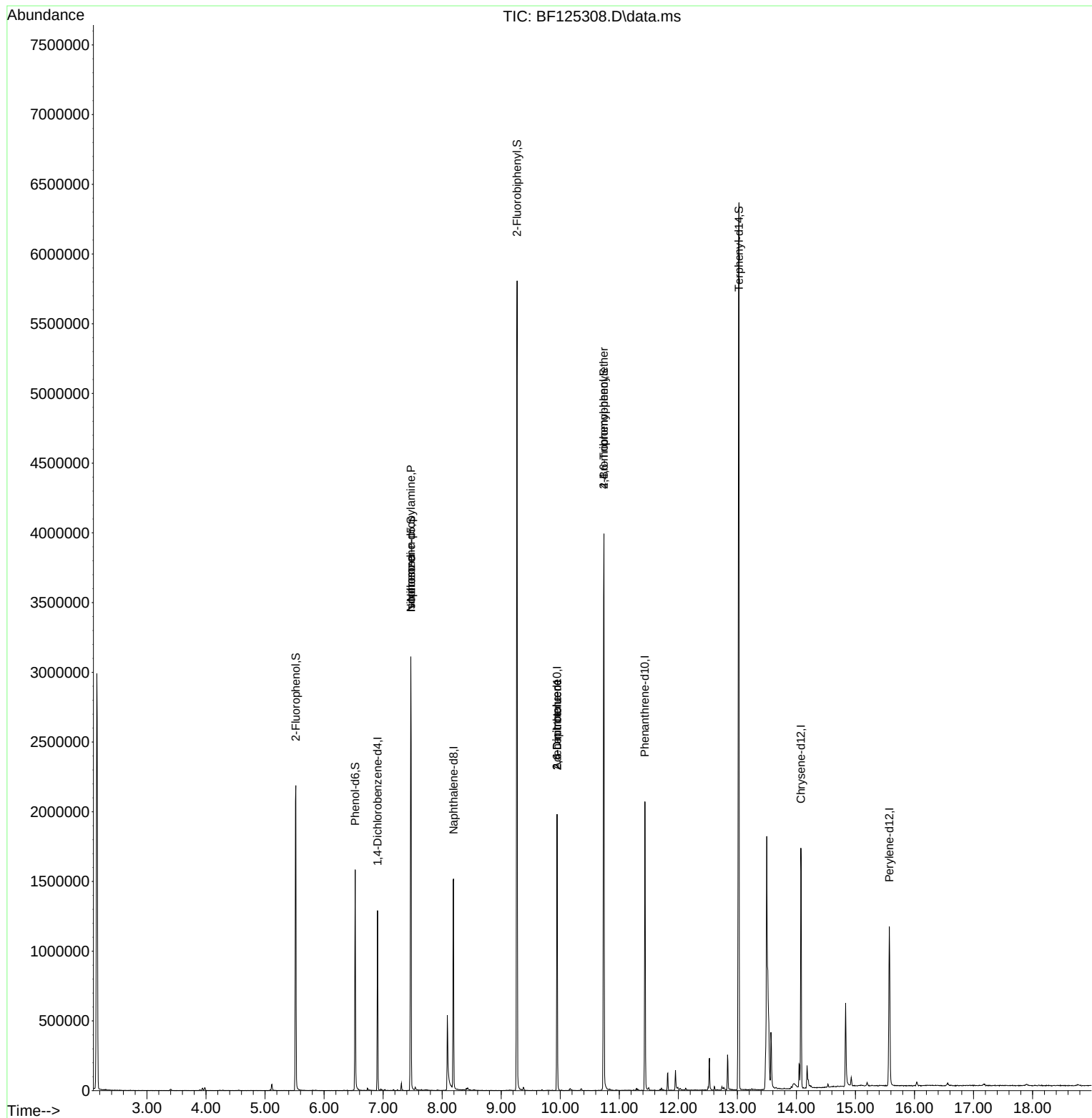
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	165526	20.000	ng	-0.01
21) Naphthalene-d8	8.192	136	671097	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	378800	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	731969	20.000	ng	0.00
76) Chrysene-d12	14.074	240	611156	20.000	ng	0.00
86) Perylene-d12	15.574	264	533683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	575940	52.665	ng	0.00
7) Phenol-d6	6.528	99	453564	32.068	ng	-0.01
23) Nitrobenzene-d5	7.469	82	1012755	75.974	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	542697	143.523	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1815282	66.790	ng	0.00
79) Terphenyl-d14	13.027	244	2611533	68.074	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	138185	16.243	ng	# 56
25) Isophorone	7.469	82	1012736	39.382	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	48756	8.566	ng	# 28
57) 2,4-Dinitrotoluene	9.945	165	48756	7.077	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	32603	3.709	ng	# 1

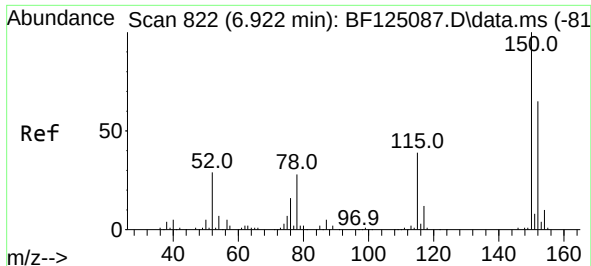
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

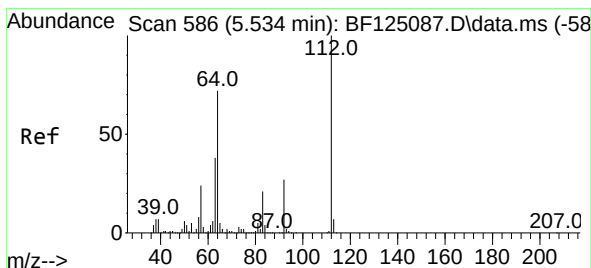
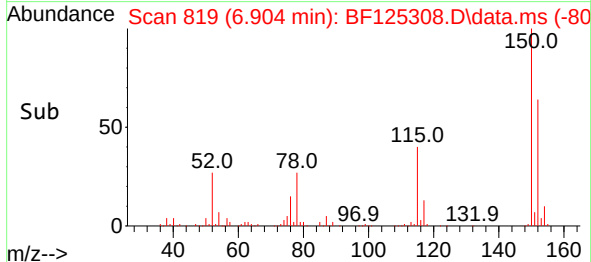
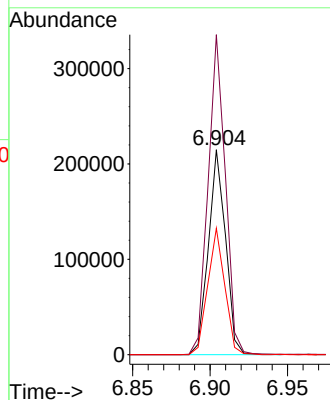
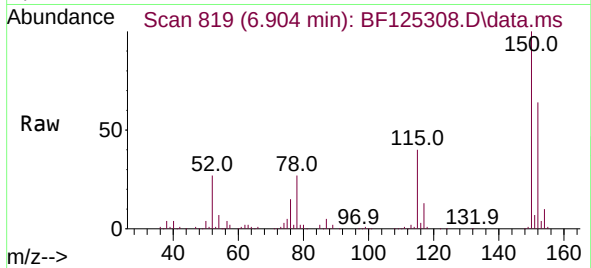




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125308.D
Acq: 1 Sep 2021 16:03

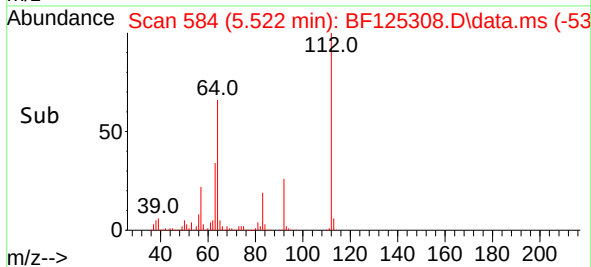
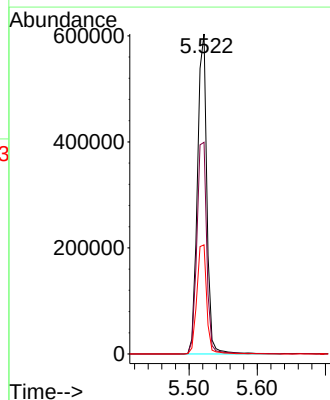
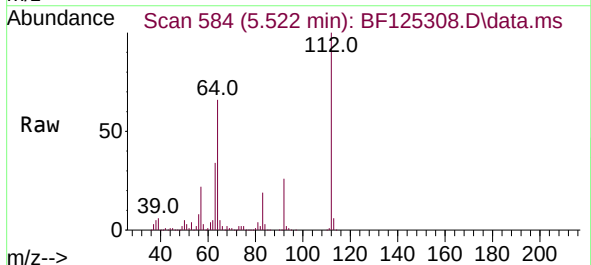
Instrument :
BNA_F
ClientSampleId :
20211022-FIELD-BLANK

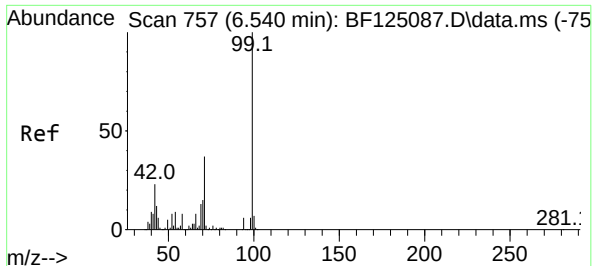
Tgt Ion:152 Resp: 165526
Ion Ratio Lower Upper
152 100
150 156.2 117.6 176.4
115 61.7 47.1 70.7



#5
2-Fluorophenol
Concen: 52.665 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.006 min
Lab File: BF125308.D
Acq: 1 Sep 2021 16:03

Tgt Ion:112 Resp: 575940
Ion Ratio Lower Upper
112 100
64 66.2 44.2 66.2
63 34.1 26.2 39.2

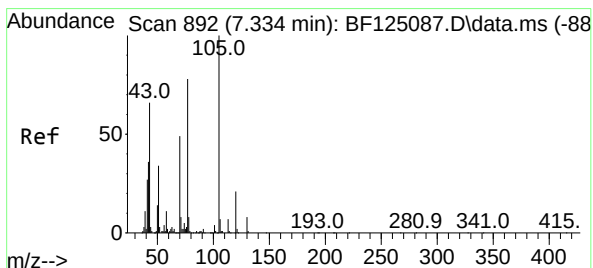
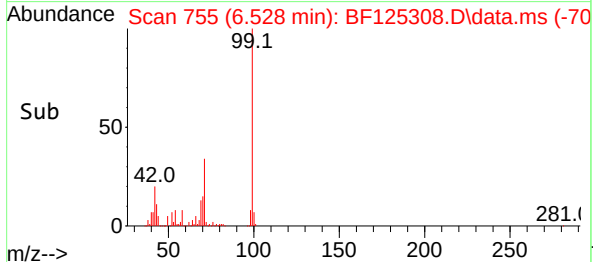
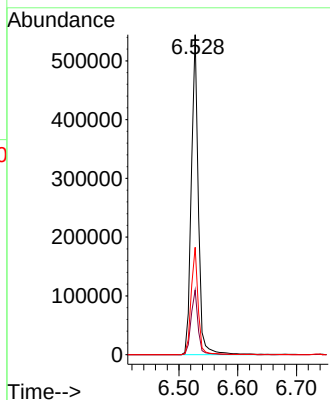
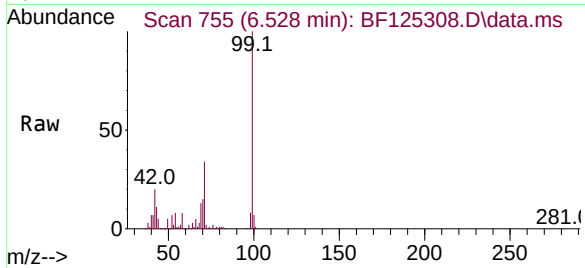




#7
Phenol-d6
Concen: 32.068 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF125308.D
Acq: 1 Sep 2021 16:03

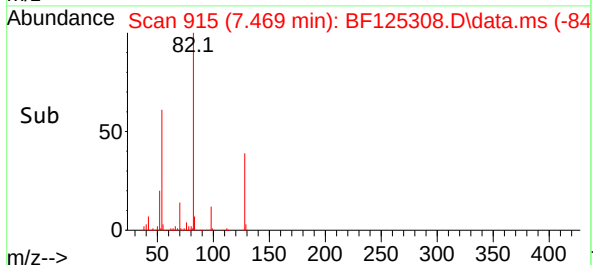
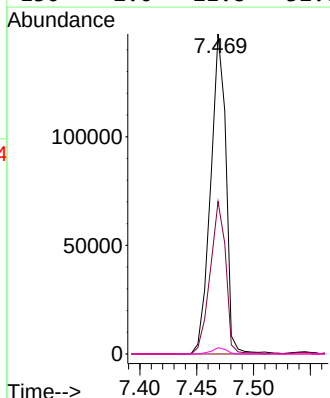
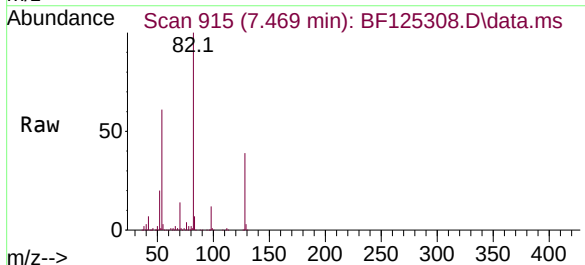
Instrument :
BNA_F
ClientSampleId :
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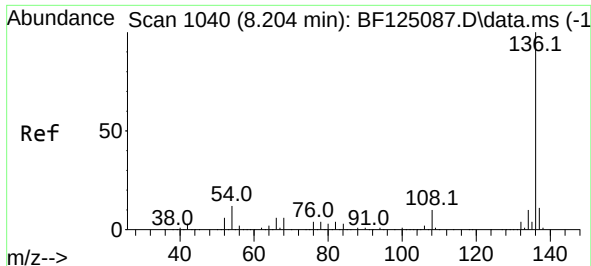
Tgt Ion: 99 Resp: 453564
Ion Ratio Lower Upper
99 100
42 20.2 23.5 35.3#
71 33.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.243 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.141 min
Lab File: BF125308.D
Acq: 1 Sep 2021 16:03

Tgt Ion: 70 Resp: 138185
Ion Ratio Lower Upper
70 100
42 47.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#



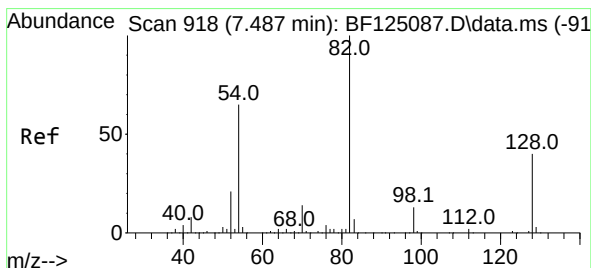
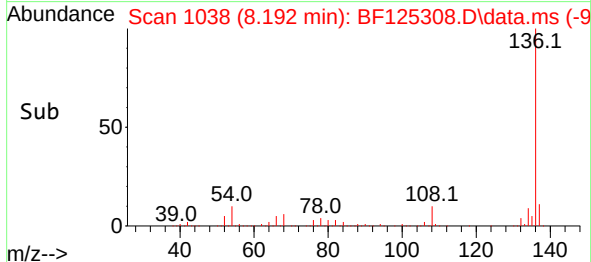
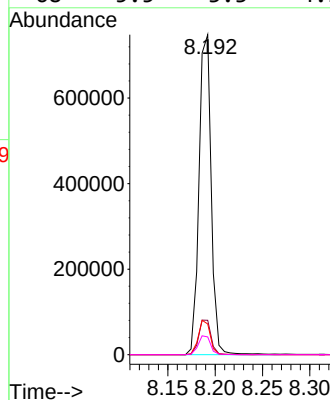
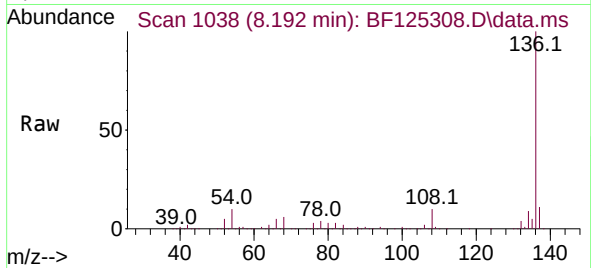


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125308.D
Acq: 1 Sep 2021 16:03

Instrument :
BNA_F
ClientSampleId :
20211022-FIELD-BLANK

Tgt Ion:136 Resp: 671097

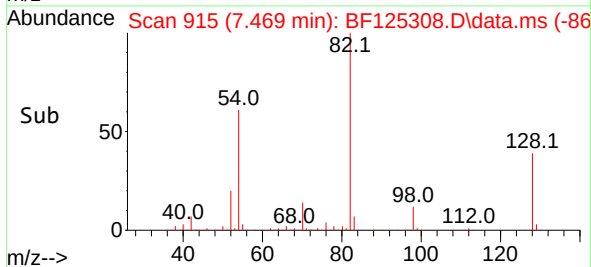
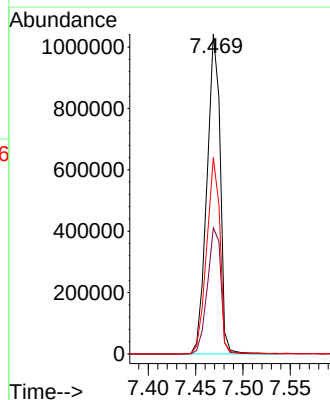
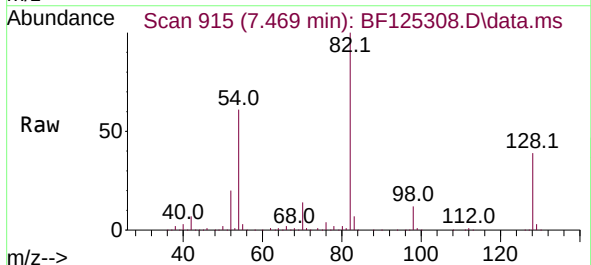
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	9.6	6.4	9.6
68	5.5	3.3	4.9

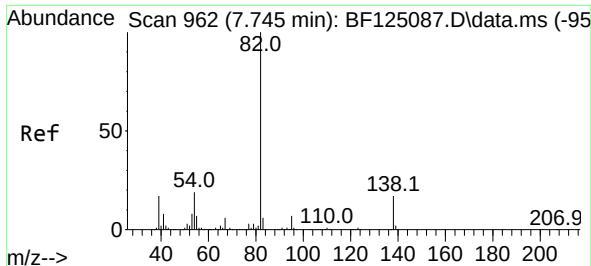


#23
Nitrobenzene-d5
Concen: 75.974 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125308.D
Acq: 1 Sep 2021 16:03

Tgt Ion: 82 Resp: 1012755

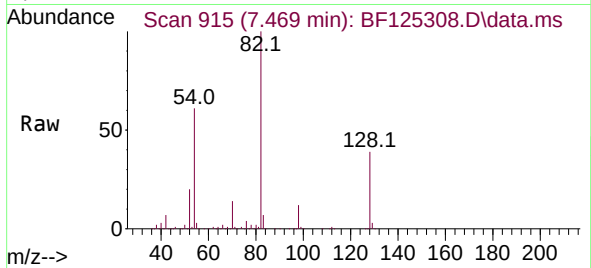
Ion	Ratio	Lower	Upper
82	100		
128	39.4	40.6	60.8
54	61.4	49.6	74.4



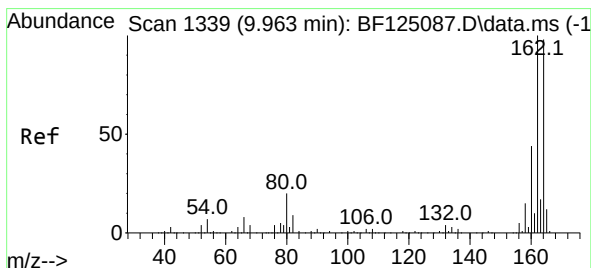
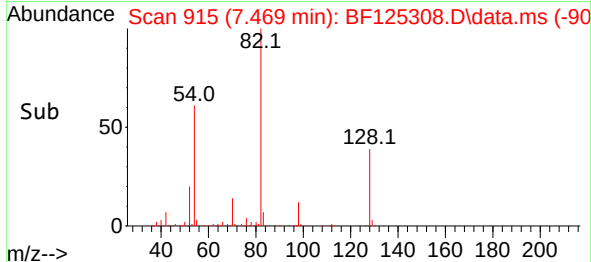
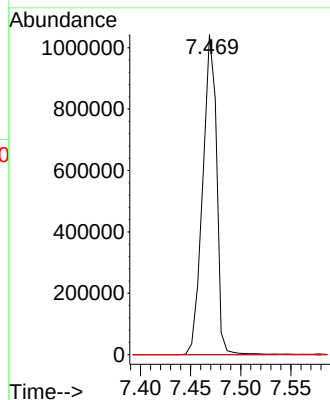


#25
Isophorone
Concen: 39.382 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125308.D
Acq: 1 Sep 2021 16:03

Instrument :
BNA_F
ClientSampleId :
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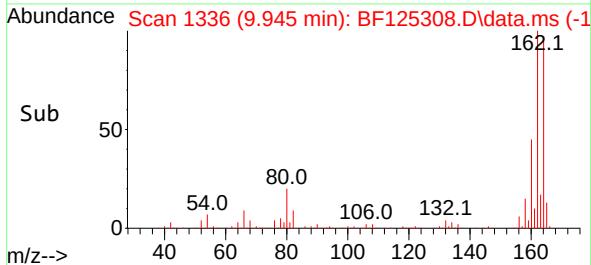
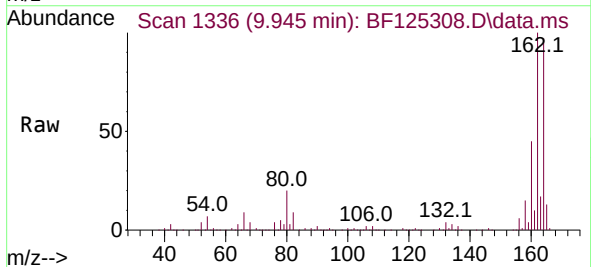
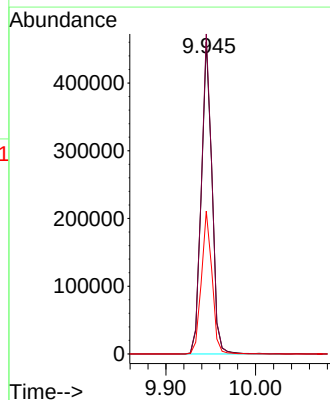


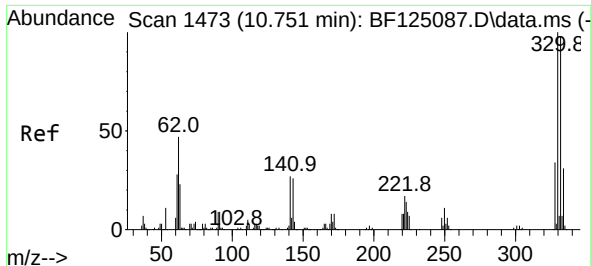
Tgt Ion: 82 Resp: 1012736
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125308.D
Acq: 1 Sep 2021 16:03

Tgt Ion: 164 Resp: 378800
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 45.8 38.0 57.0

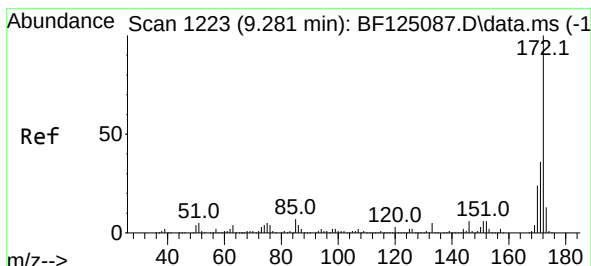
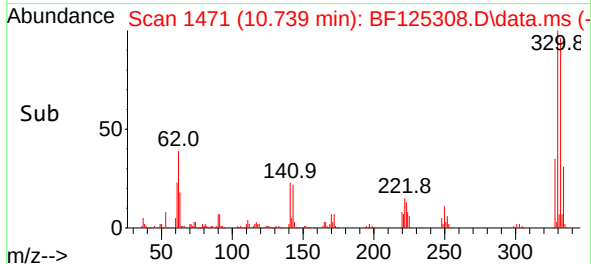
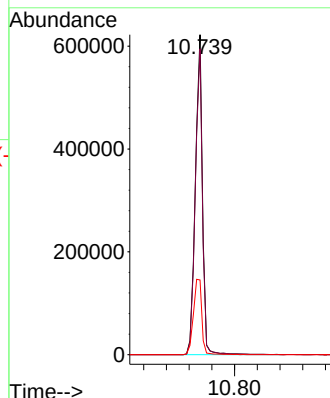
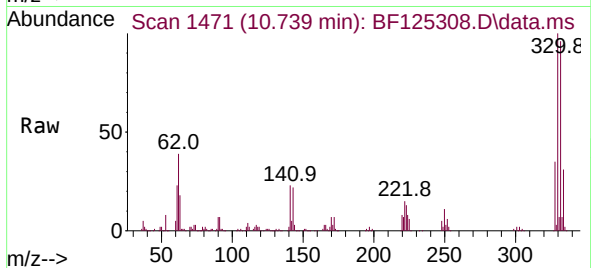




#42
2,4,6-Tribromophenol
Concen: 143.523 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125308.D
Acq: 1 Sep 2021 16:03

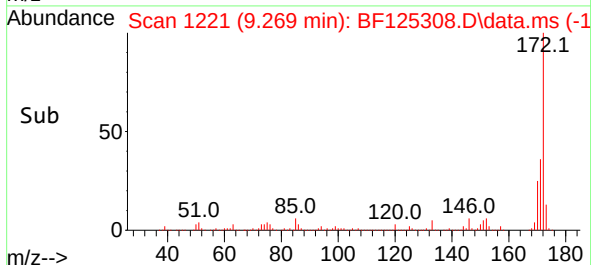
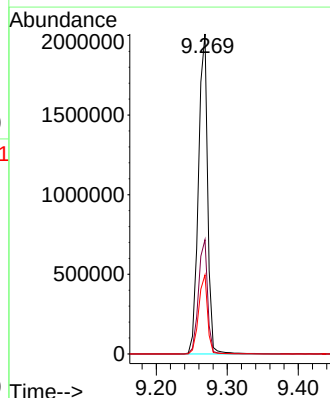
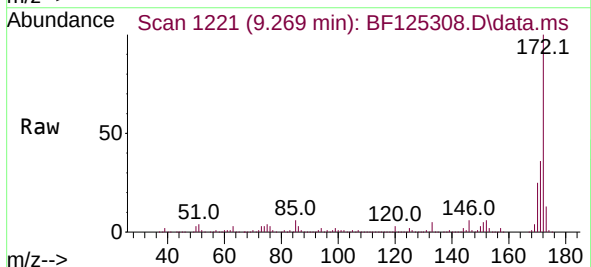
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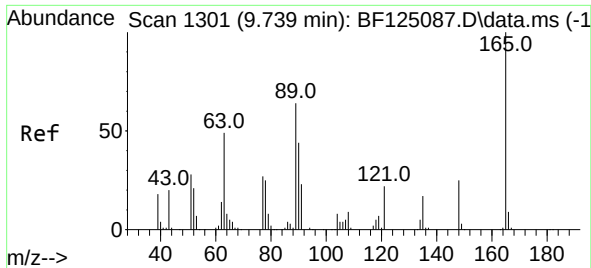
Tgt Ion:330 Resp: 542697
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 27.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 66.790 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125308.D
Acq: 1 Sep 2021 16:03

Tgt Ion:172 Resp: 1815282
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 24.7 18.8 28.2

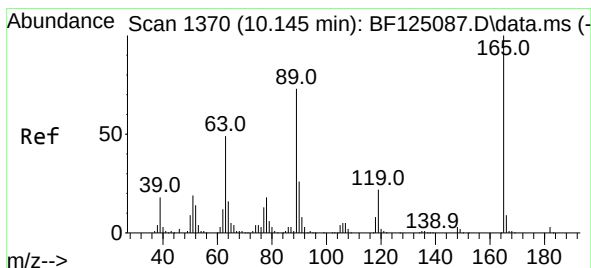
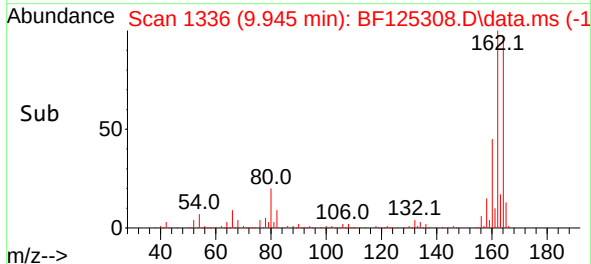
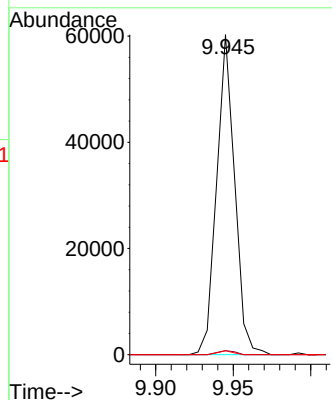
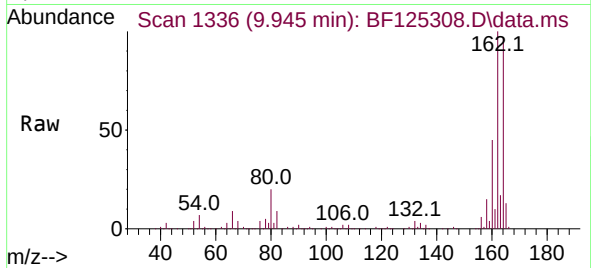




#51
2,6-Dinitrotoluene
Concen: 8.566 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125308.D
Acq: 1 Sep 2021 16:03

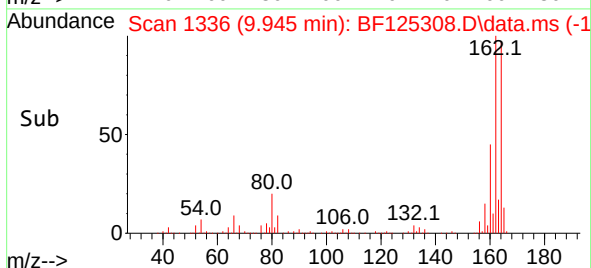
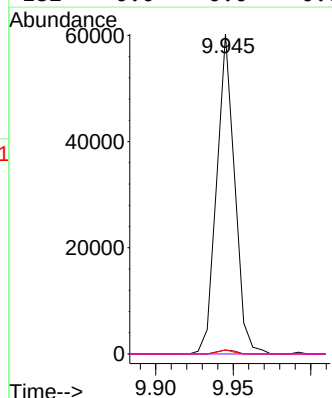
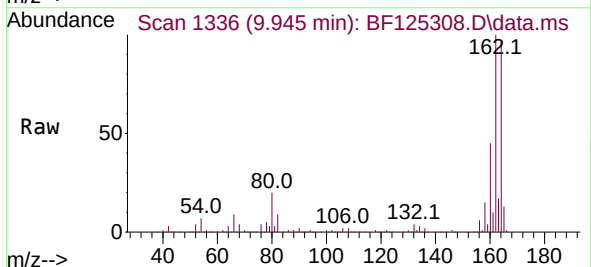
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ClientSampleId :
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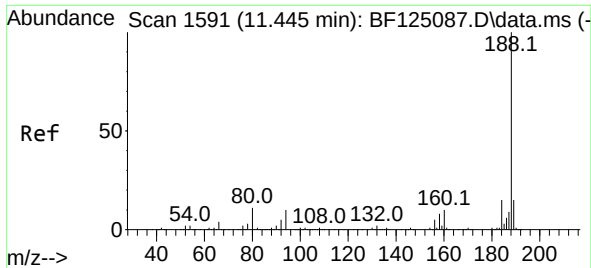
Tgt Ion:165 Resp: 48756
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.077 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125308.D
Acq: 1 Sep 2021 16:03

Tgt Ion:165 Resp: 48756
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

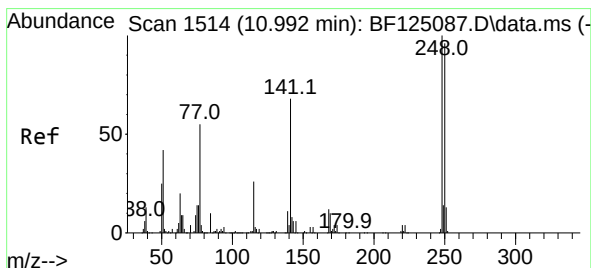
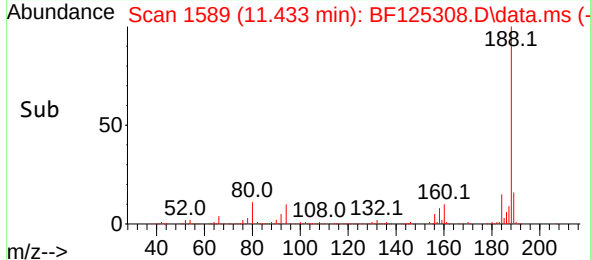
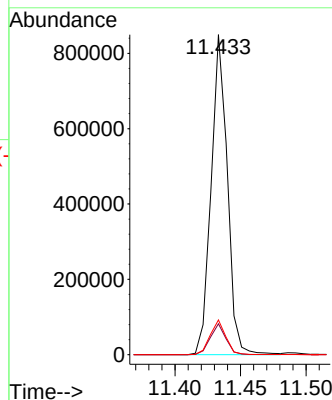
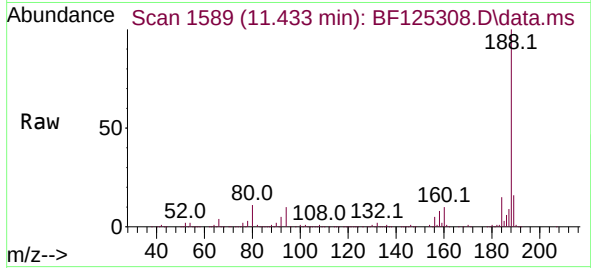




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125308.D
Acq: 1 Sep 2021 16:03

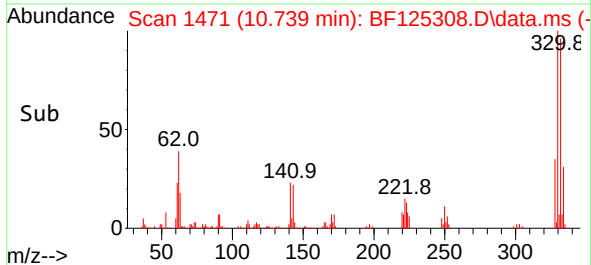
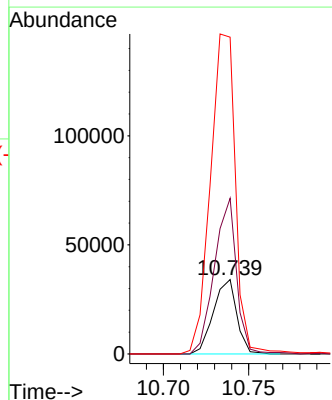
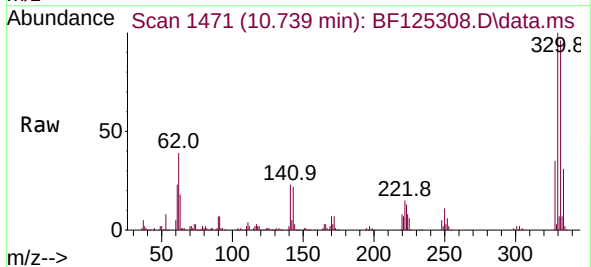
Instrument :
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ClientSampleId :
20211022-FIELD-BLANK

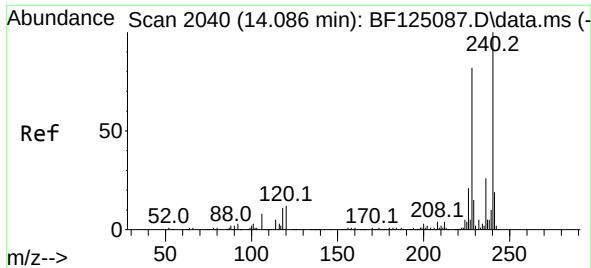
Tgt Ion:188 Resp: 731969
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.709 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125308.D
Acq: 1 Sep 2021 16:03

Tgt Ion:248 Resp: 32603
Ion Ratio Lower Upper
248 100
250 209.2 74.2 111.4#
141 425.6 60.4 90.6#

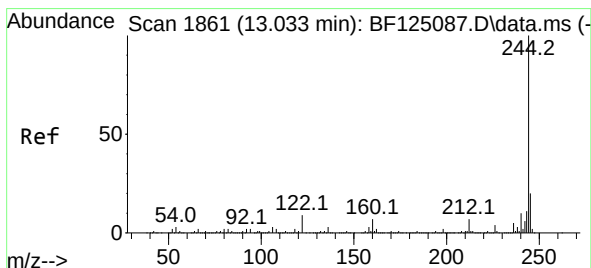
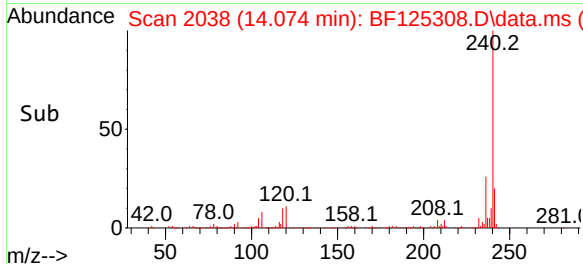
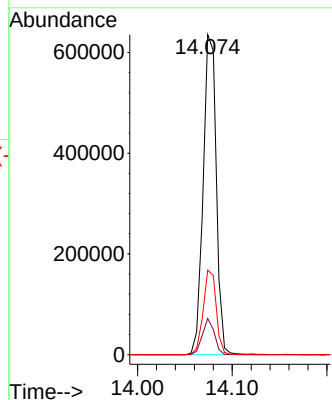
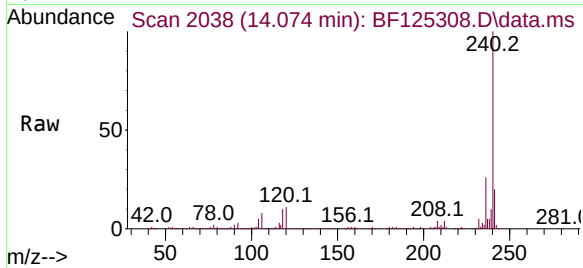




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125308.D
Acq: 1 Sep 2021 16:03

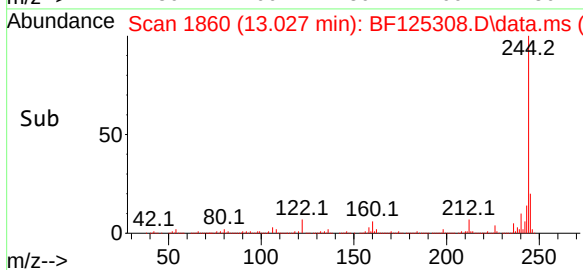
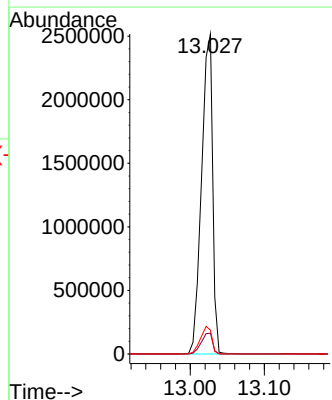
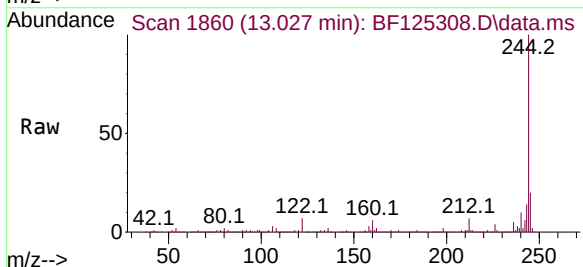
Instrument :
BNA_F
ClientSampleId :
20211022-FIELD-BLANK

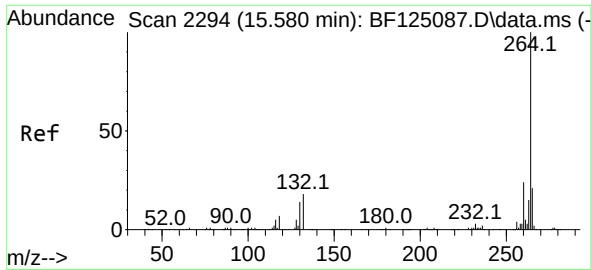
Tgt Ion:240 Resp: 611156
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 26.4 21.6 32.4



#79
Terphenyl-d14
Concen: 68.074 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125308.D
Acq: 1 Sep 2021 16:03

Tgt Ion:244 Resp: 2611533
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: BF125308.D
 Acq: 1 Sep 2021 16:03

Instrument :
 BNA_F
 ClientSampleId :
 20211022-FIELD-BLANK

Tgt Ion:264 Resp: 533683
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 20.5 17.2 25.8

