

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
 Data File : BF125127.D
 Acq On : 20 Aug 2021 10:46
 Operator : JU/CG
 Sample : PB138542BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138542BL

Quant Time: Aug 20 11:47:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

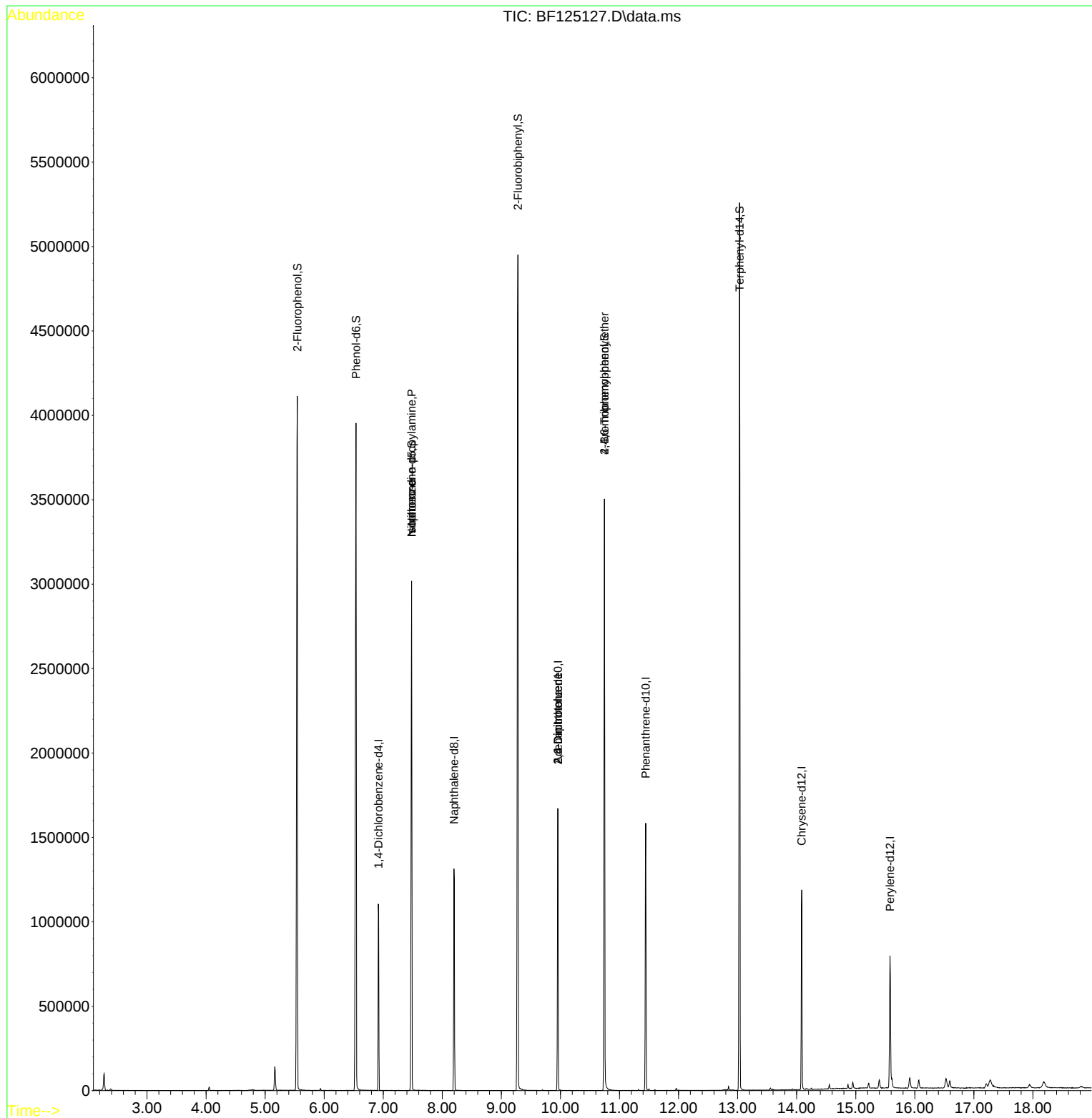
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	156079	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	600875	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	317971	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	576298	20.000	ng	0.00
76) Chrysene-d12	14.086	240	413206	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	365142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1169130	113.378	ng	0.01
7) Phenol-d6	6.539	99	1444397	108.305	ng	0.00
23) Nitrobenzene-d5	7.481	82	975589	81.739	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	421644	132.841	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1717350	75.275	ng	0.00
79) Terphenyl-d14	13.033	244	1959636	75.553	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	131964	16.451	ng	# 60
25) Isophorone	7.481	82	972753	42.248	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	40351	8.445	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	40351	6.978	ng	# 20
67) 4-Bromophenyl-phenylether	10.745	248	25978	3.754	ng	# 1

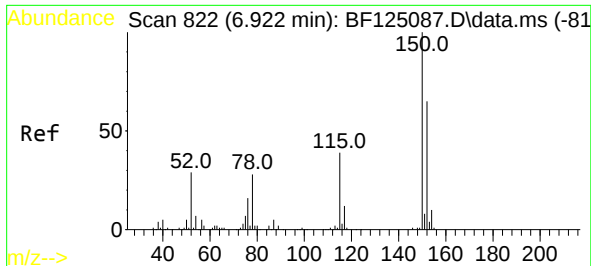
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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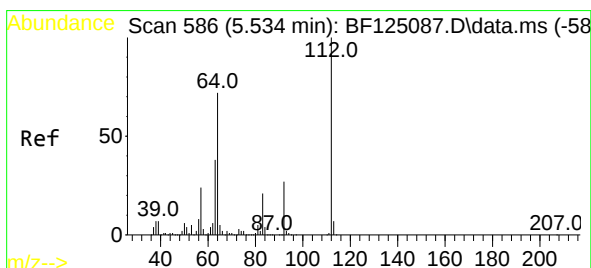
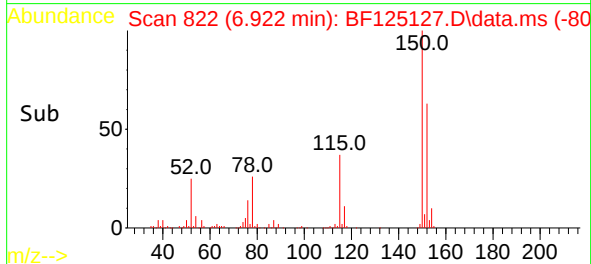
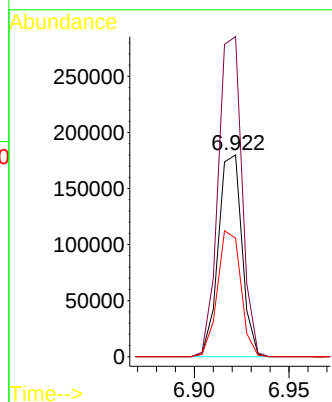
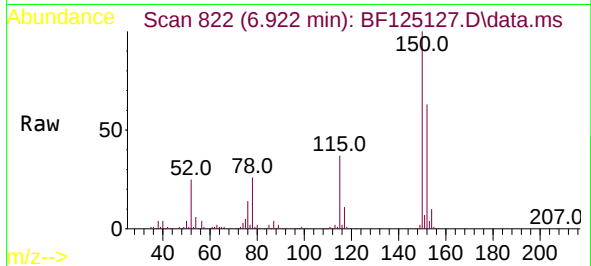




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125127.D
Acq: 20 Aug 2021 10:46

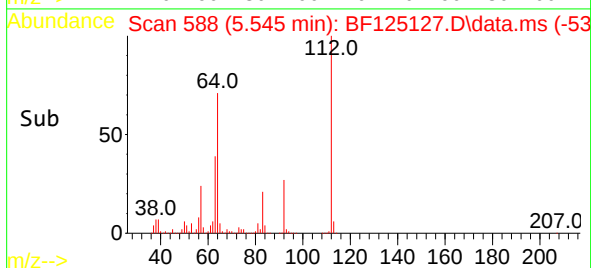
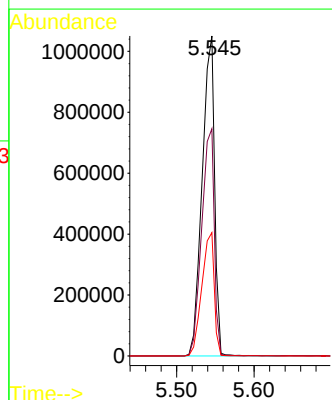
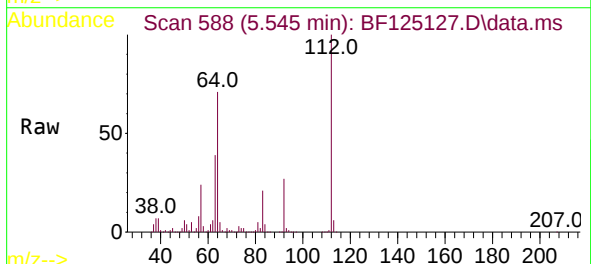
Instrument :
BNA_F
ClientSampleId :
PB138542BL

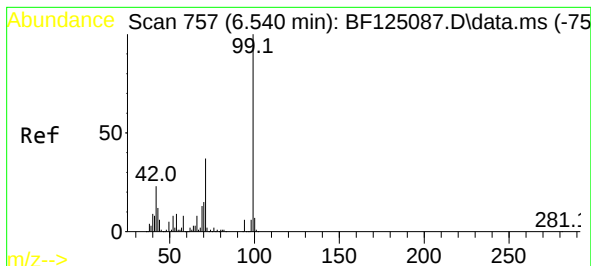
Tgt Ion:152 Resp: 156079
Ion Ratio Lower Upper
152 100
150 158.6 117.6 176.4
115 58.8 47.1 70.7



#5
2-Fluorophenol
Concen: 113.378 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.012 min
Lab File: BF125127.D
Acq: 20 Aug 2021 10:46

Tgt Ion:112 Resp: 1169130
Ion Ratio Lower Upper
112 100
64 71.0 44.2 66.2#
63 38.5 26.2 39.2





#7

Phenol-d6

Concen: 108.305 ng

RT: 6.539 min Scan# 757

Delta R.T. -0.000 min

Lab File: BF125127.D

Acq: 20 Aug 2021 10:46

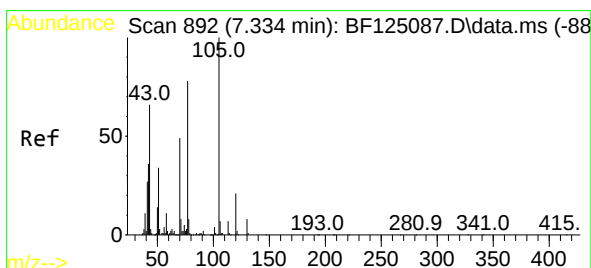
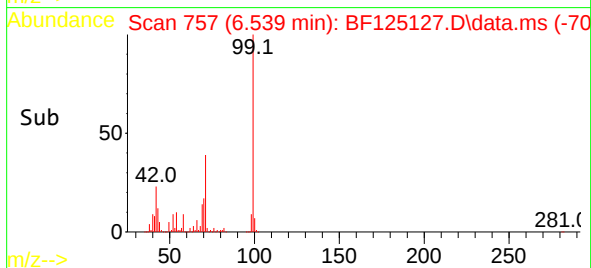
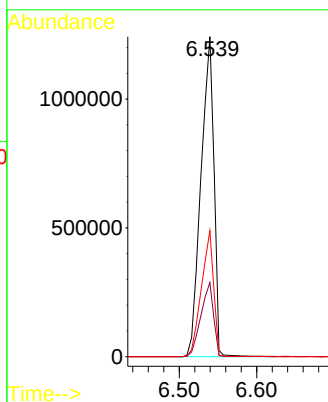
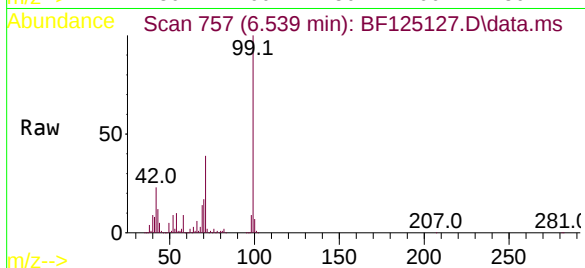
Tgt Ion: 99 Resp: 1444397

Ion Ratio Lower Upper

99 100

42 23.2 23.5 35.3#

71 39.3 25.6 38.4#



#19

n-Nitroso-di-n-propylamine

Concen: 16.451 ng

RT: 7.481 min Scan# 917

Delta R.T. 0.147 min

Lab File: BF125127.D

Acq: 20 Aug 2021 10:46

Tgt Ion: 70 Resp: 131964

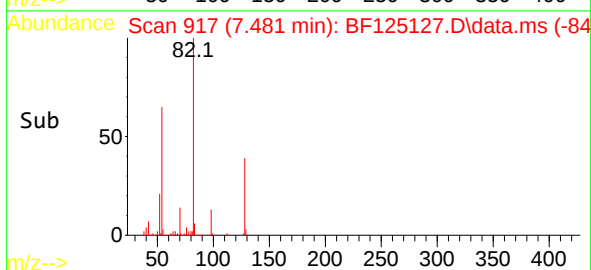
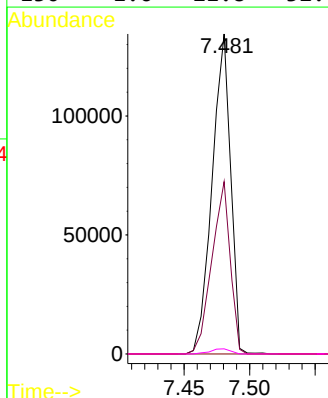
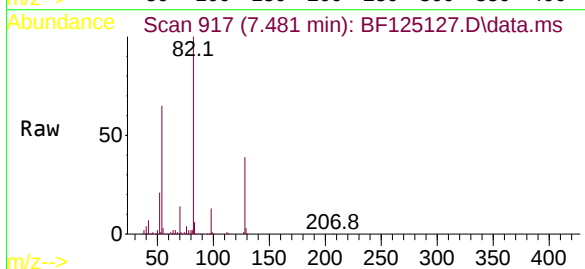
Ion Ratio Lower Upper

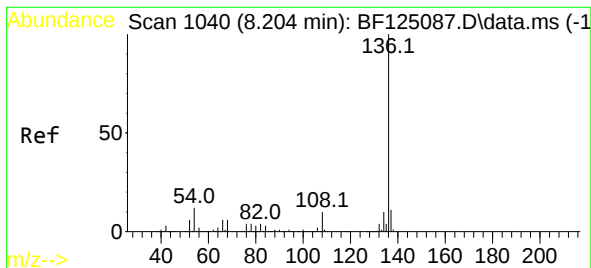
70 100

42 53.8 72.2 108.2#

101 0.0 7.8 11.8#

130 1.6 21.8 32.6#

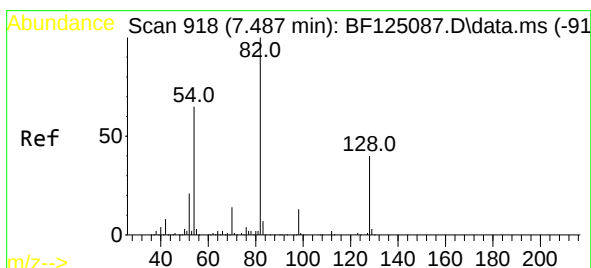
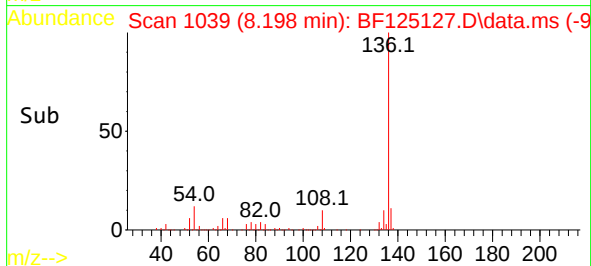
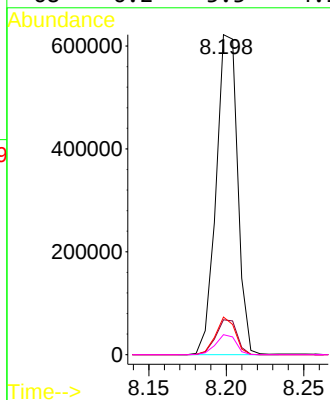
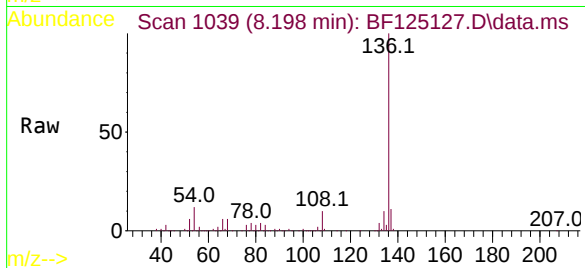




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125127.D
Acq: 20 Aug 2021 10:46

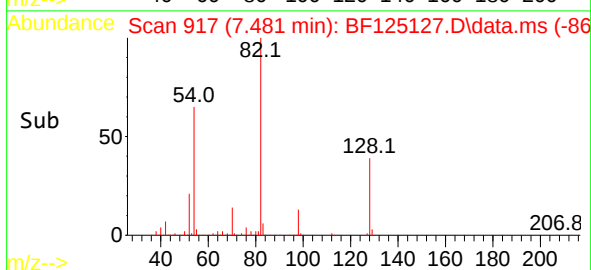
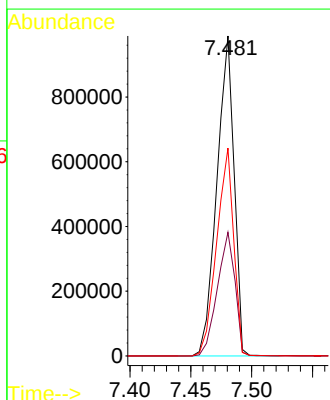
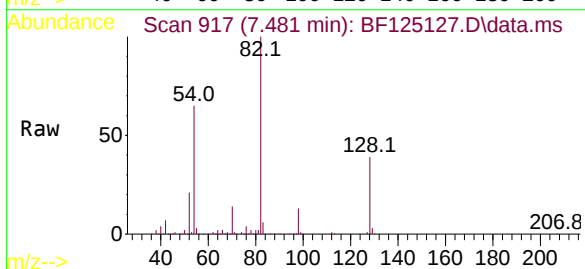
Instrument :
BNA_F
ClientSampleId :
PB138542BL

Tgt Ion:	136	Resp:	600875
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	11.8	6.4	9.6#
68	6.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 81.739 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125127.D
Acq: 20 Aug 2021 10:46

Tgt Ion:	82	Resp:	975589
Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	60.8#
54	65.0	49.6	74.4

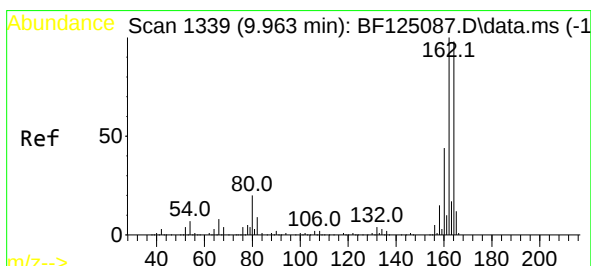
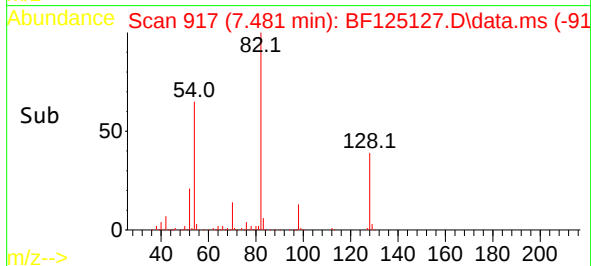
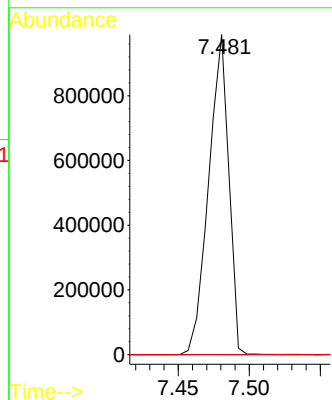
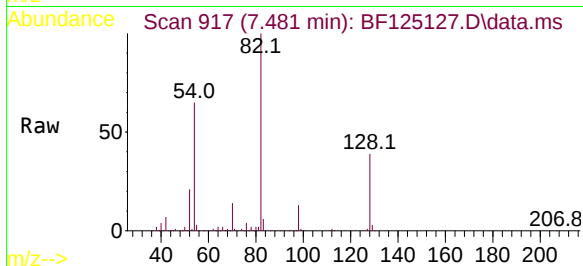




#25
Isophorone
Concen: 42.248 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125127.D
Acq: 20 Aug 2021 10:46

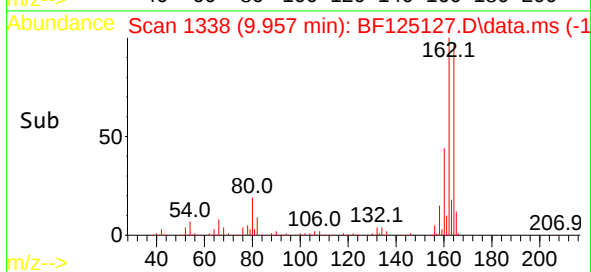
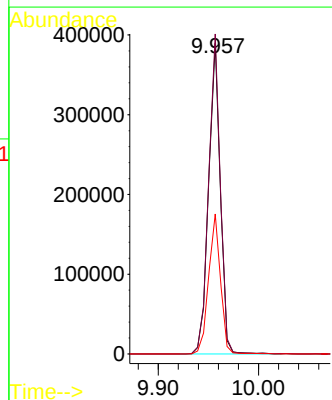
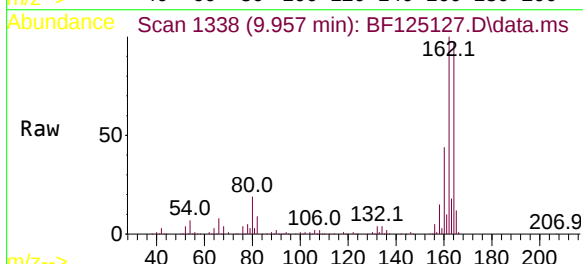
Instrument :
BNA_F
ClientSampleId :
PB138542BL

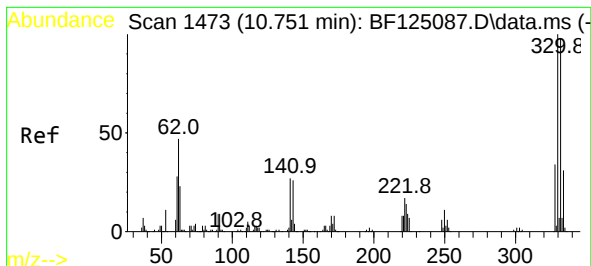
Tgt Ion: 82 Resp: 972753
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125127.D
Acq: 20 Aug 2021 10:46

Tgt Ion: 164 Resp: 317971
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 45.1 38.0 57.0

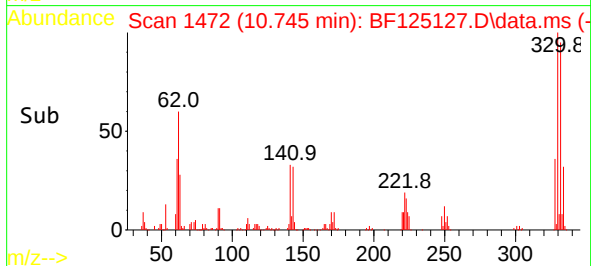
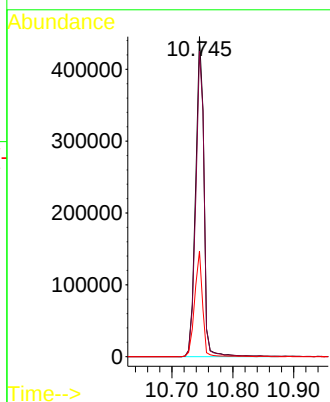
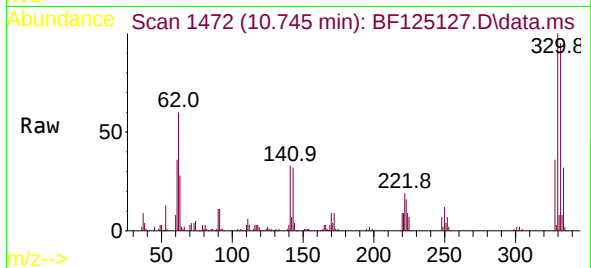




#42
2,4,6-Tribromophenol
Concen: 132.841 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125127.D
Acq: 20 Aug 2021 10:46

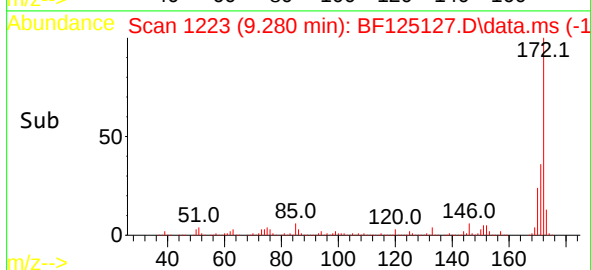
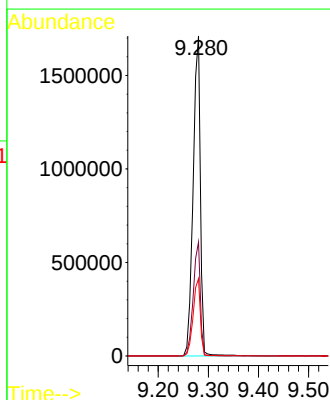
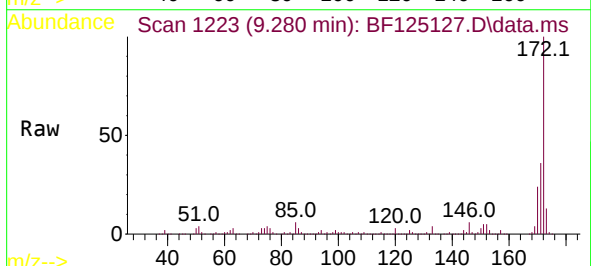
Instrument :
BNA_F
ClientSampleId :
PB138542BL

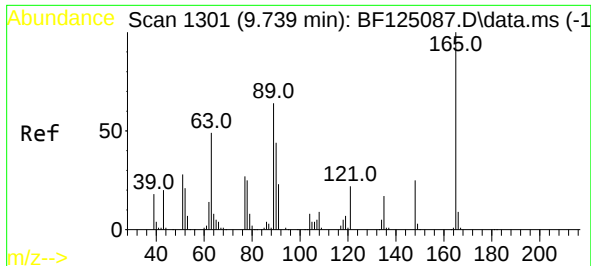
Tgt Ion:330 Resp: 421644
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 31.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 75.275 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125127.D
Acq: 20 Aug 2021 10:46

Tgt Ion:172 Resp: 1717350
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 24.2 18.8 28.2

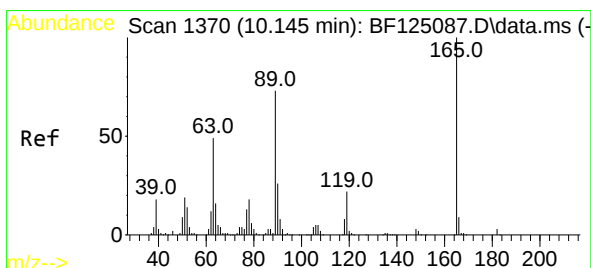
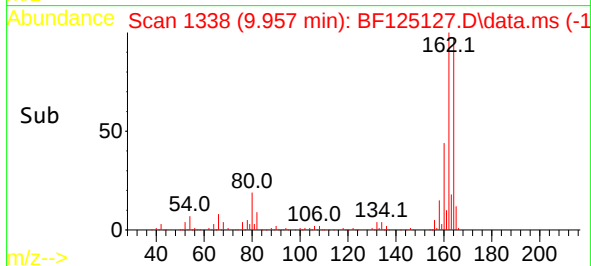
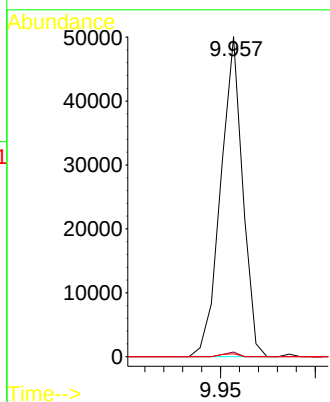
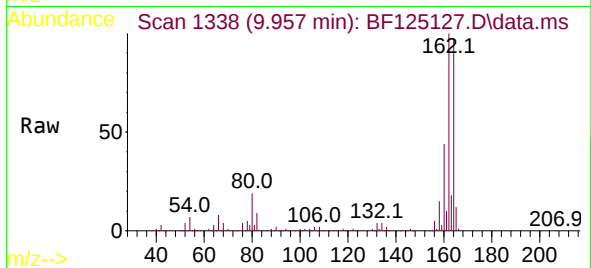




#51
2,6-Dinitrotoluene
Concen: 8.445 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125127.D
Acq: 20 Aug 2021 10:46

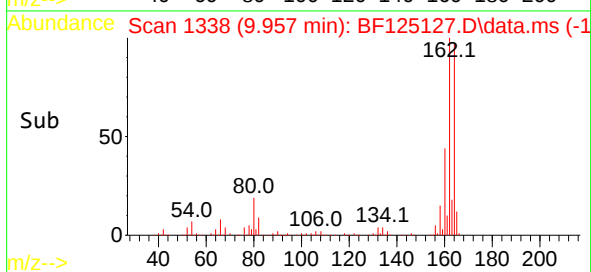
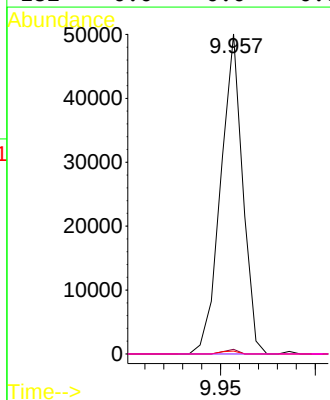
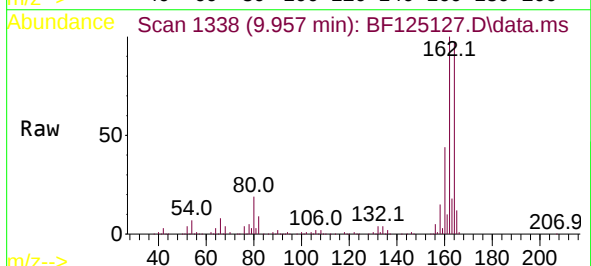
Instrument :
BNA_F
ClientSampleId :
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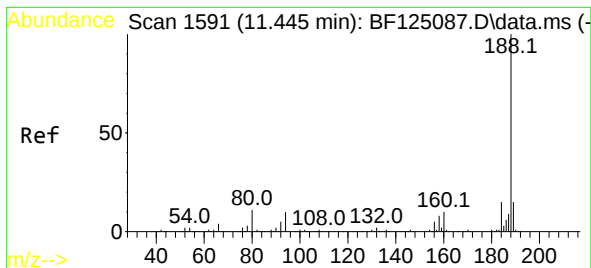
Tgt Ion:165 Resp: 40351
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.978 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125127.D
Acq: 20 Aug 2021 10:46

Tgt Ion:165 Resp: 40351
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

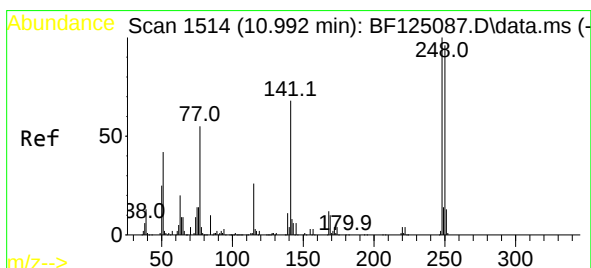
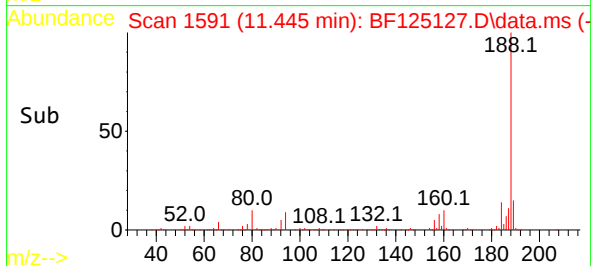
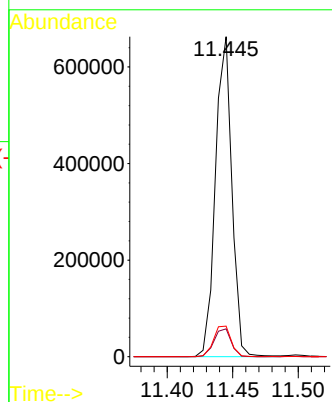
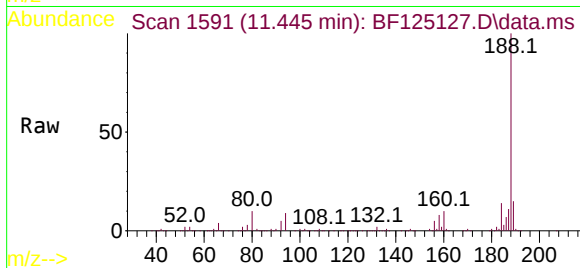




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125127.D
Acq: 20 Aug 2021 10:46

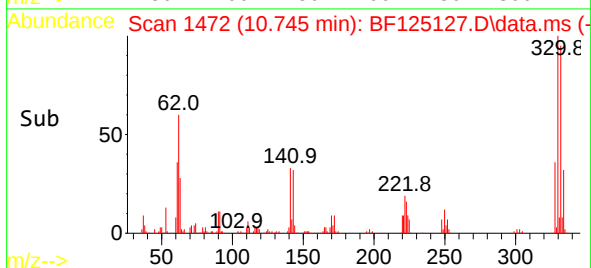
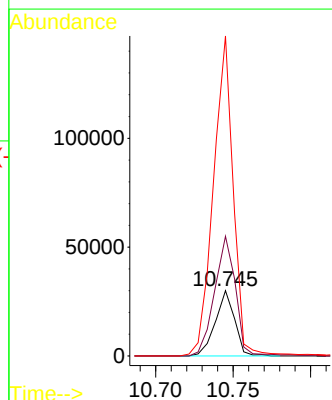
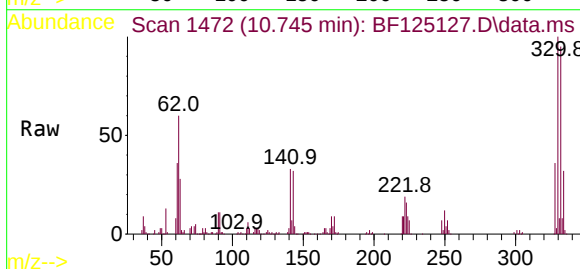
Instrument :
BNA_F
ClientSampleId :
PB138542BL

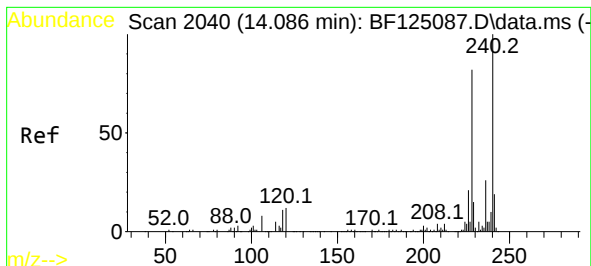
Tgt Ion:188 Resp: 576298
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.754 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125127.D
Acq: 20 Aug 2021 10:46

Tgt Ion:248 Resp: 25978
Ion Ratio Lower Upper
248 100
250 183.2 74.2 111.4#
141 489.8 60.4 90.6#

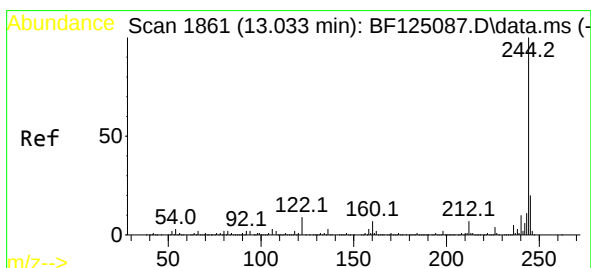
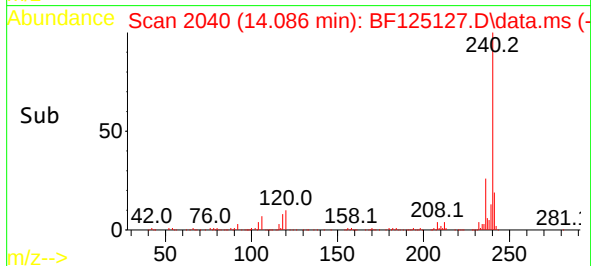
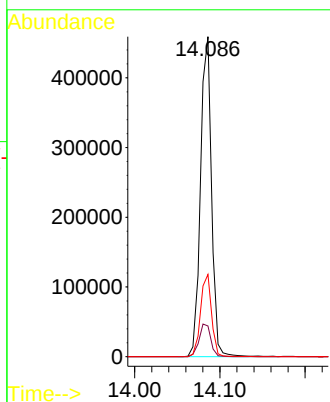
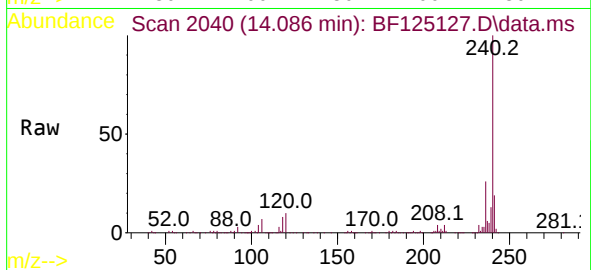




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF125127.D
Acq: 20 Aug 2021 10:46

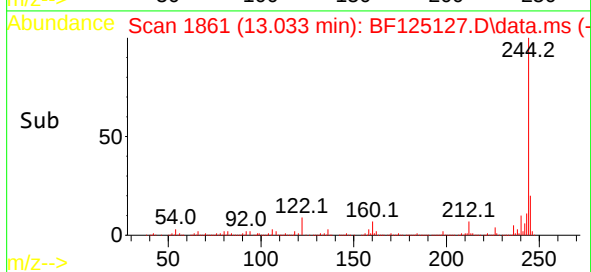
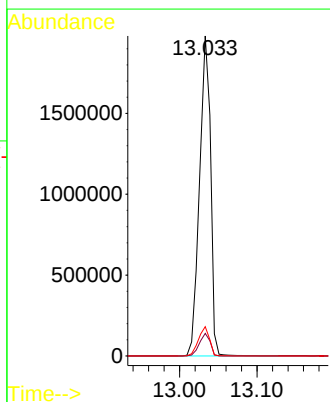
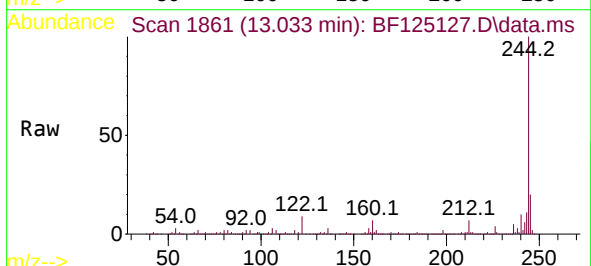
Instrument :
BNA_F
ClientSampleId :
PB138542BL

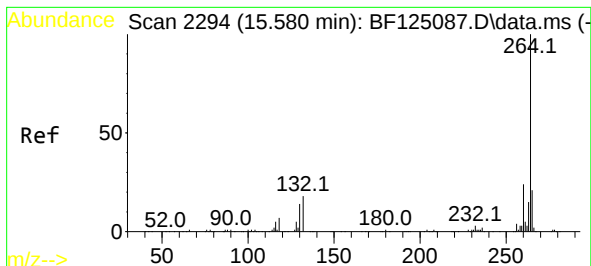
Tgt Ion:240 Resp: 413206
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 75.553 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125127.D
Acq: 20 Aug 2021 10:46

Tgt Ion:244 Resp: 1959636
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.1 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. -0.000 min
 Lab File: BF125127.D
 Acq: 20 Aug 2021 10:46

Instrument :
 BNA_F
 ClientSampleId :
 PB138542BL

Tgt Ion:264 Resp: 365142
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 22.1 17.2 25.8

