

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125648.D
 Acq On : 25 Sep 2021 10:41
 Operator : JU/CG
 Sample : PB139349BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139349BL

Quant Time: Sep 27 01:20:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

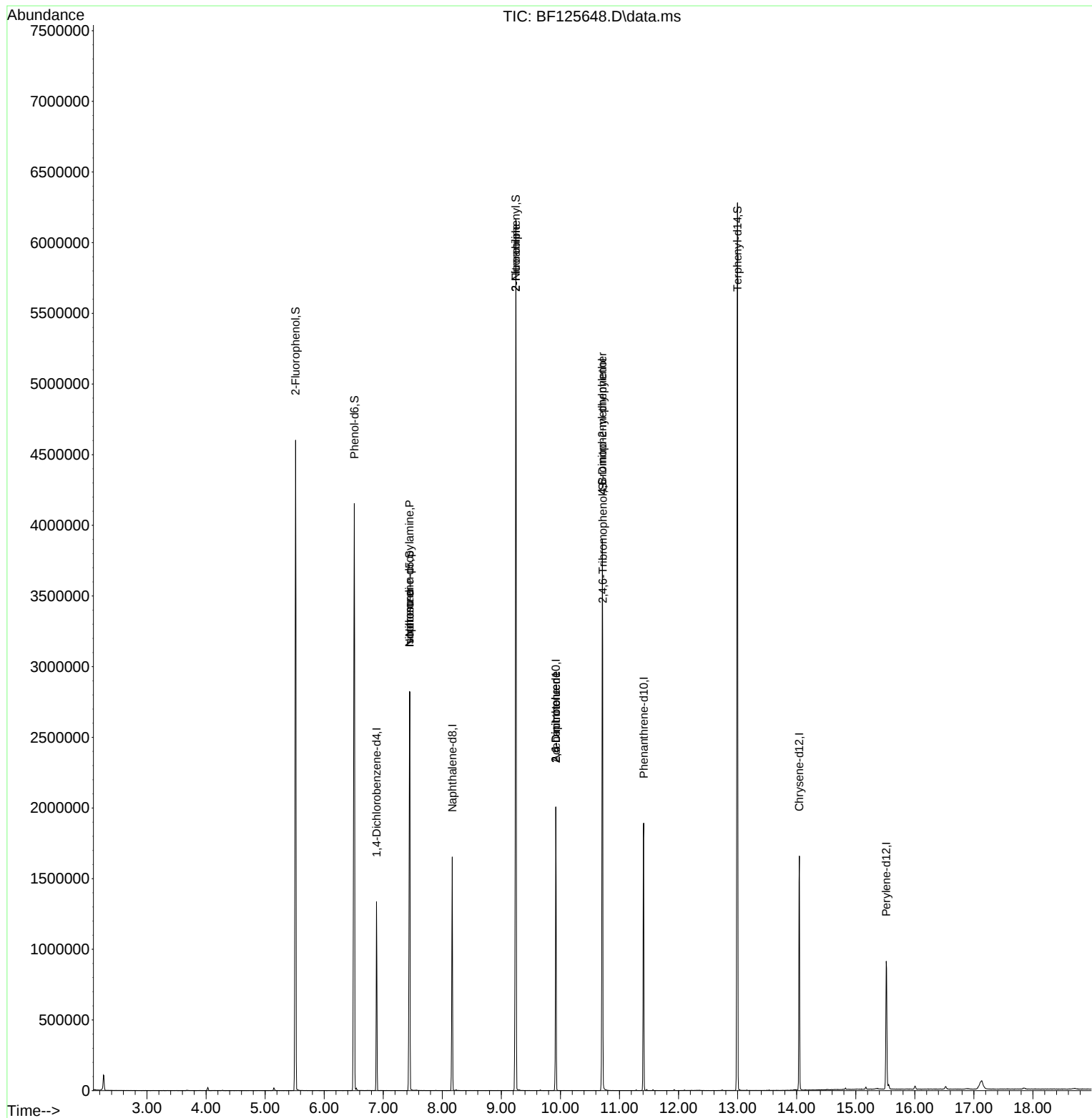
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	195719	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	789483	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	412705	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	726461	20.000	ng	0.00
76) Chrysene-d12	14.045	240	571658	20.000	ng	0.00
86) Perylene-d12	15.515	264	429448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1590611	133.898	ng	0.01
7) Phenol-d6	6.510	99	1973720	123.584	ng	0.00
23) Nitrobenzene-d5	7.445	82	1177106	103.996	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	561775	145.994	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2218230	98.739	ng	0.00
79) Terphenyl-d14	12.998	244	2336569	70.783	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	2696	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	149201	16.408	ng	# 51
25) Isophorone	7.445	82	1173718	46.303	ng	# 59
48) 2-Nitroaniline	9.245	65	2855	4.596	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	51856	12.487	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	51856	11.409	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1267	9.304	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	30168	3.957	ng	# 1

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

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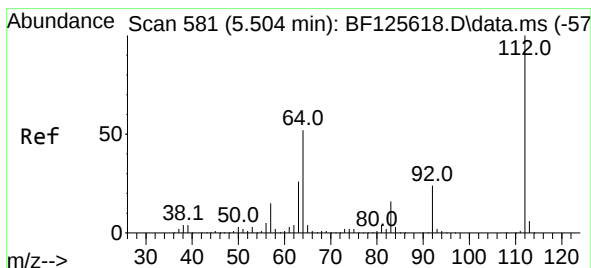
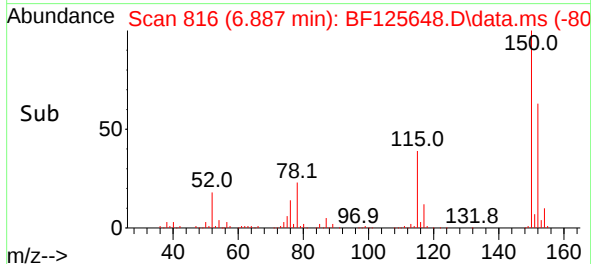
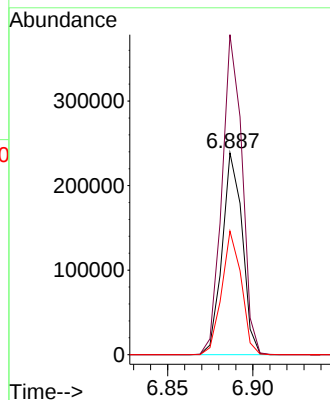
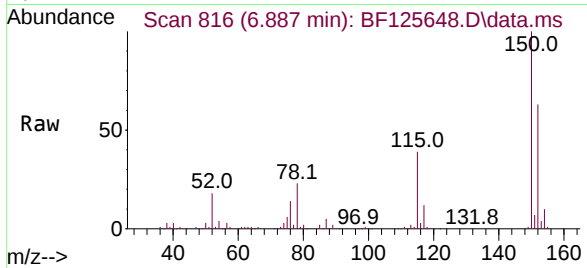




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125648.D
Acq: 25 Sep 2021 10:41

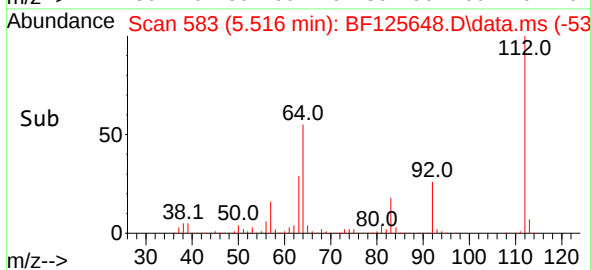
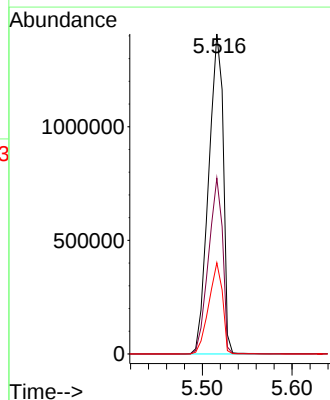
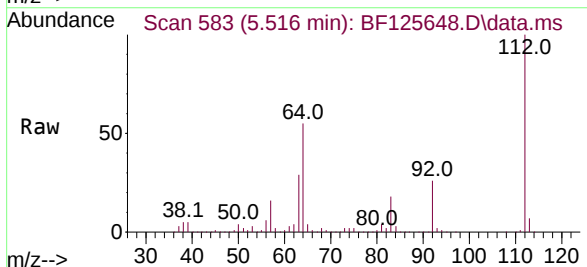
Instrument :
BNA_F
ClientSampleId :
PB139349BL

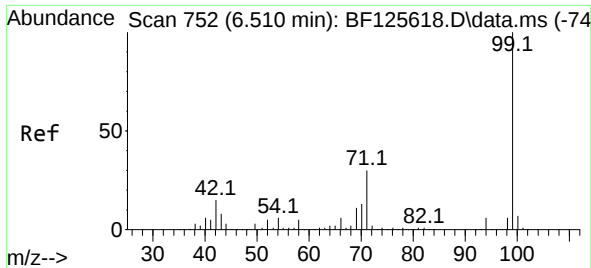
Tgt Ion:152 Resp: 195719
Ion Ratio Lower Upper
152 100
150 158.6 117.6 176.4
115 61.2 47.1 70.7



#5
2-Fluorophenol
Concen: 133.898 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125648.D
Acq: 25 Sep 2021 10:41

Tgt Ion:112 Resp: 1590611
Ion Ratio Lower Upper
112 100
64 54.9 44.2 66.2
63 28.5 26.2 39.2

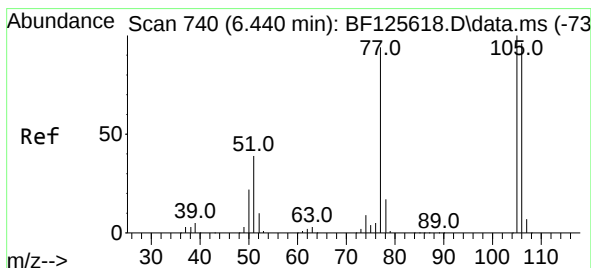
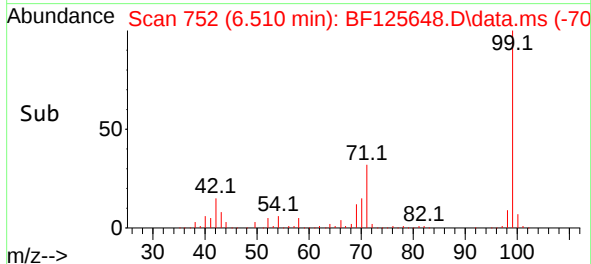
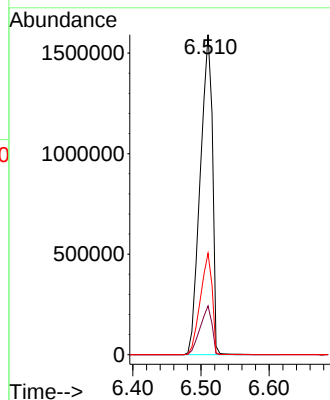
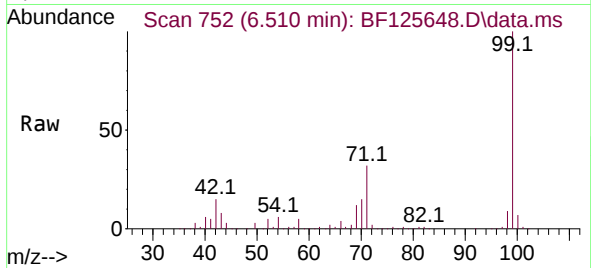




#7
Phenol-d6
Concen: 123.584 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125648.D
Acq: 25 Sep 2021 10:41

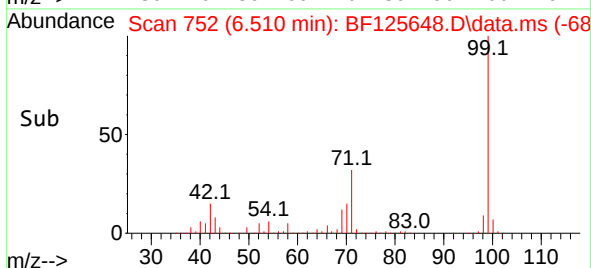
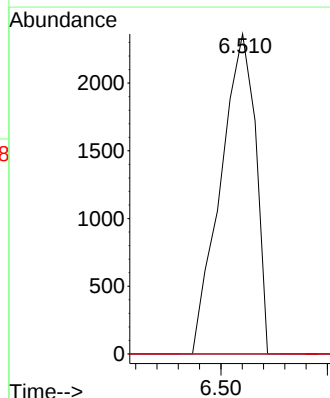
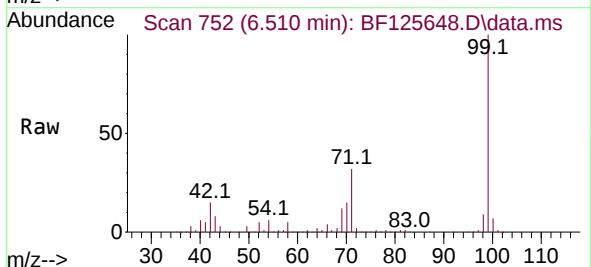
Instrument :
BNA_F
ClientSampleId :
PB139349BL

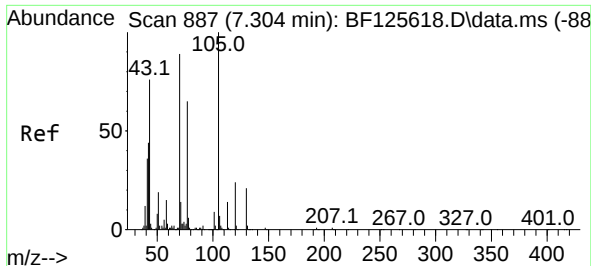
Tgt Ion: 99 Resp: 1973720
Ion Ratio Lower Upper
99 100
42 15.2 23.5 35.3#
71 31.7 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125648.D
Acq: 25 Sep 2021 10:41

Tgt Ion: 77 Resp: 2696
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

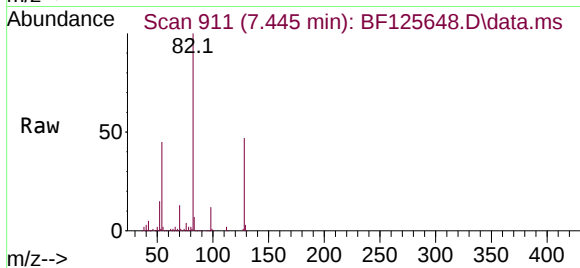




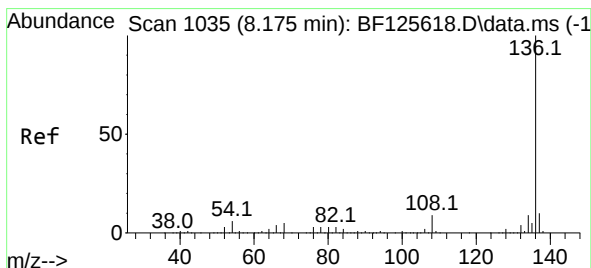
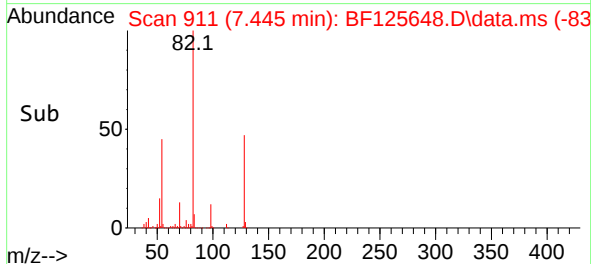
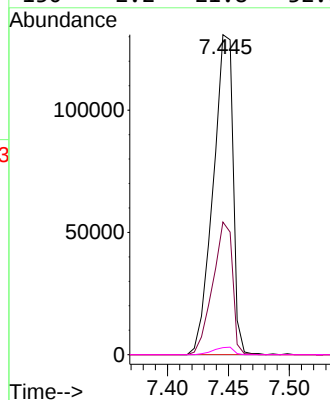
#19

n-Nitroso-di-n-propylamine
Concen: 16.408 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125648.D
Acq: 25 Sep 2021 10:41

Instrument :
BNA_F
ClientSampleId :
PB139349BL



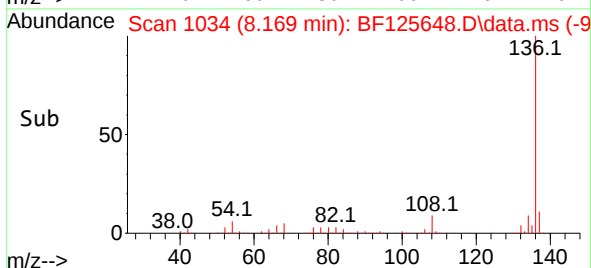
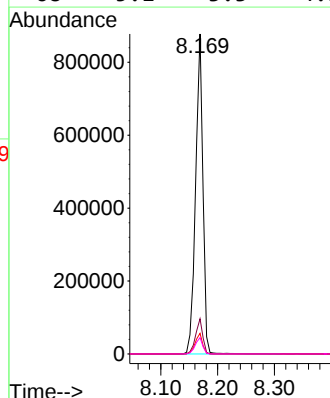
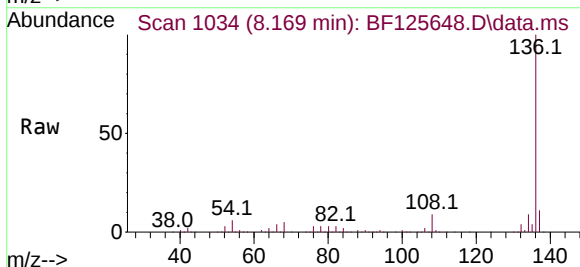
Tgt Ion	Ratio	Lower	Upper
70	100		
42	41.4	72.2	108.2#
101	0.0	7.8	11.8#
130	2.2	21.8	32.6#

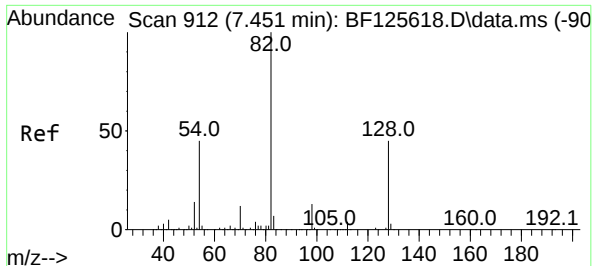


#21

Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125648.D
Acq: 25 Sep 2021 10:41

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	6.5	6.4	9.6
68	5.1	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 103.996 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125648.D

Acq: 25 Sep 2021 10:41

Instrument :

BNA_F

ClientSampleId :

PB139349BL

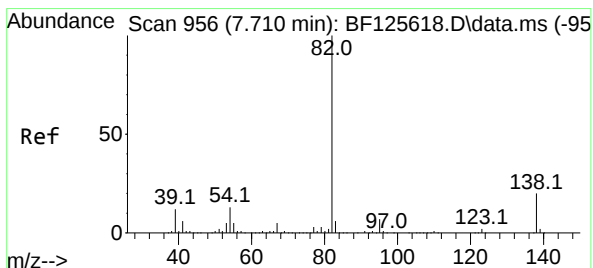
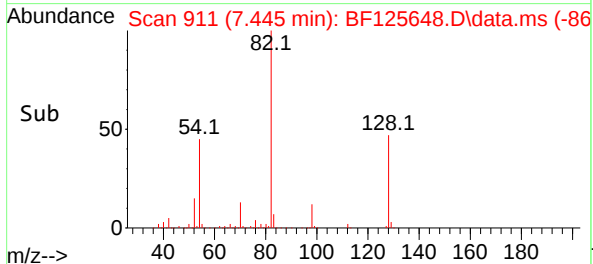
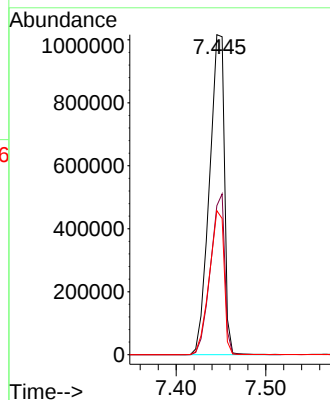
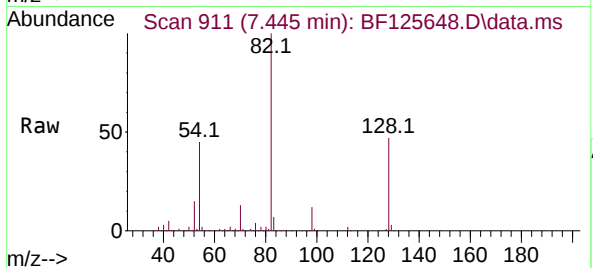
Tgt Ion: 82 Resp: 1177106

Ion Ratio Lower Upper

82 100

128 46.6 40.6 60.8

54 45.0 49.6 74.4#



#25

Isophorone

Concen: 46.303 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125648.D

Acq: 25 Sep 2021 10:41

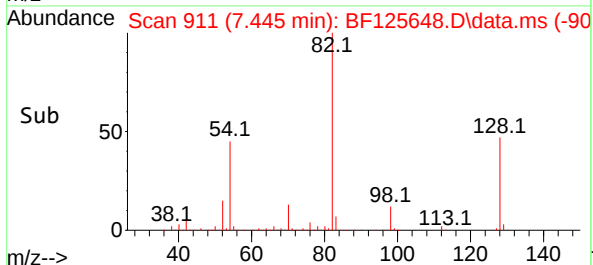
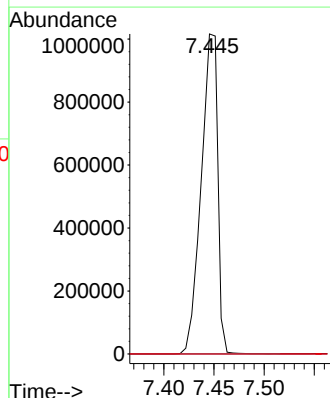
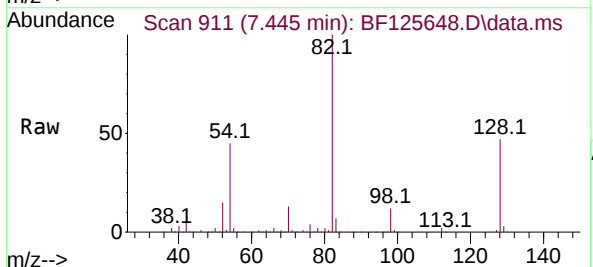
Tgt Ion: 82 Resp: 1173718

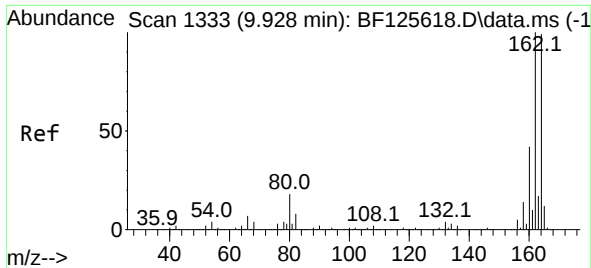
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF125648.D

Acq: 25 Sep 2021 10:41

Instrument :

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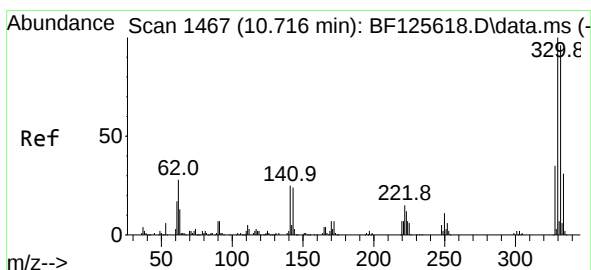
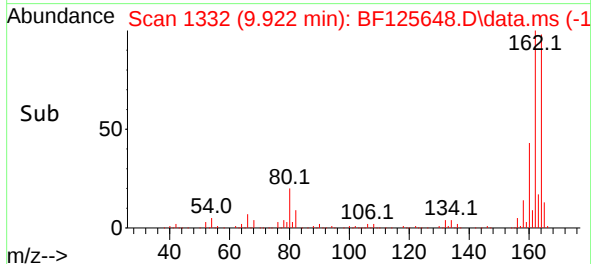
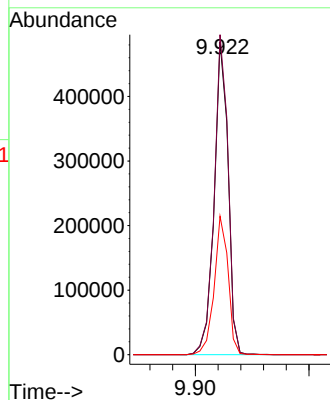
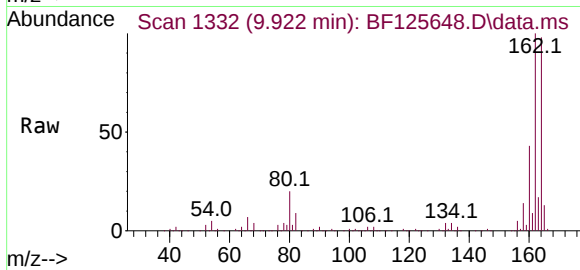
Tgt Ion:164 Resp: 412705

Ion Ratio Lower Upper

164 100

162 102.3 81.3 121.9

160 44.3 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 145.994 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF125648.D

Acq: 25 Sep 2021 10:41

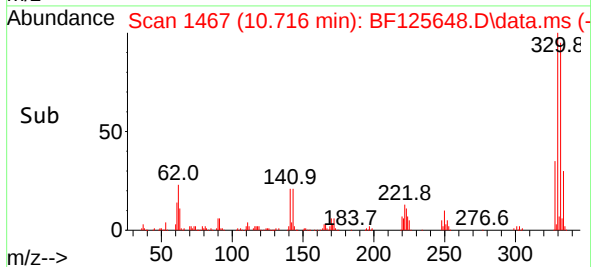
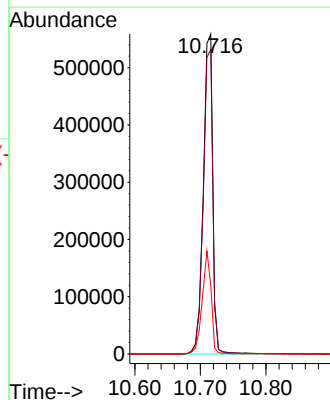
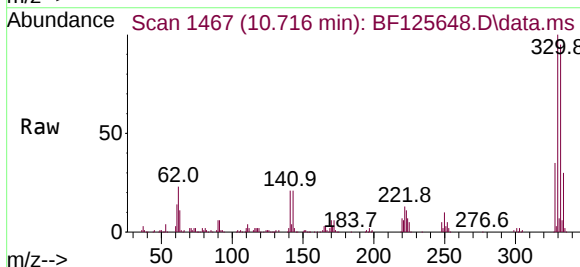
Tgt Ion:330 Resp: 561775

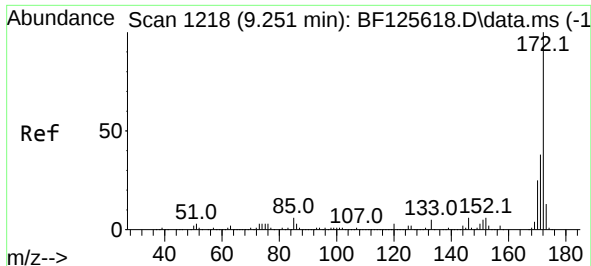
Ion Ratio Lower Upper

330 100

332 95.2 76.2 114.4

141 30.2 44.6 66.8#

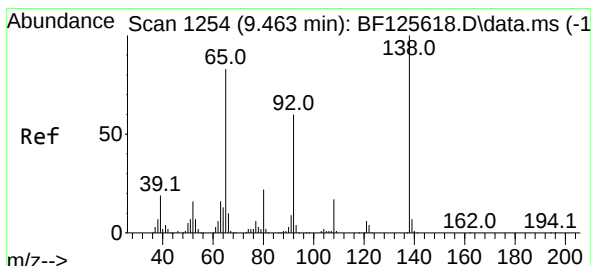
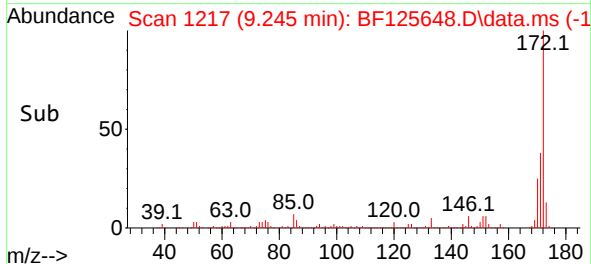
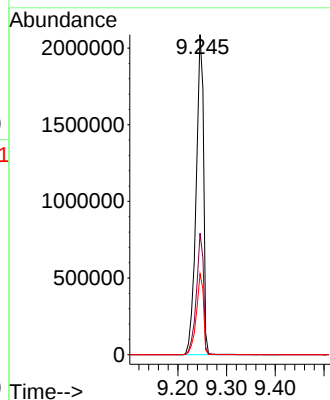
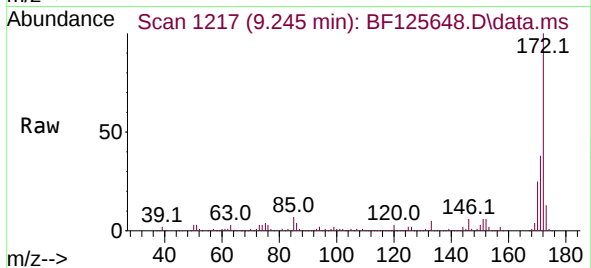




#45
2-Fluorobiphenyl
Concen: 98.739 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125648.D
Acq: 25 Sep 2021 10:41

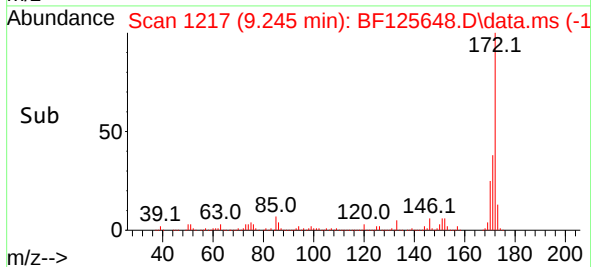
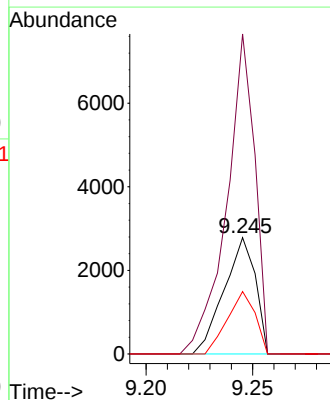
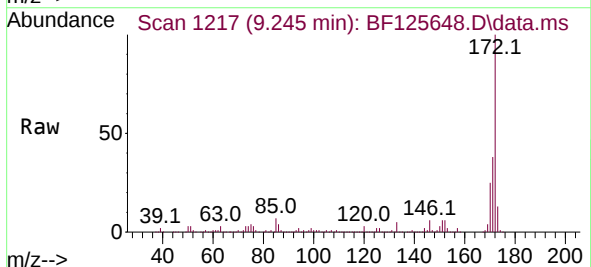
Instrument :
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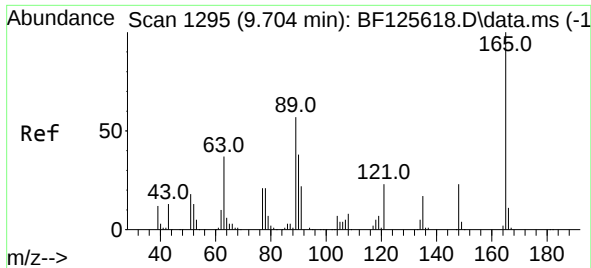
Tgt Ion:172 Resp: 2218230
Ion Ratio Lower Upper
172 100
171 37.9 26.5 39.7
170 25.3 18.8 28.2



#48
2-Nitroaniline
Concen: 4.596 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125648.D
Acq: 25 Sep 2021 10:41

Tgt Ion: 65 Resp: 2855
Ion Ratio Lower Upper
65 100
92 275.1 55.5 83.3#
138 53.7 93.5 140.3#

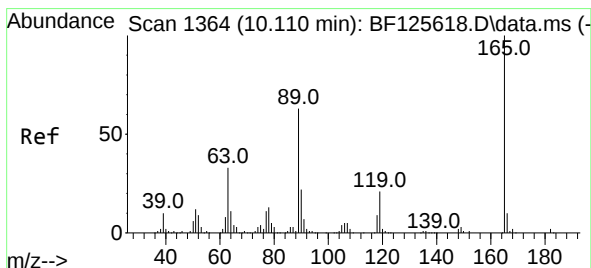
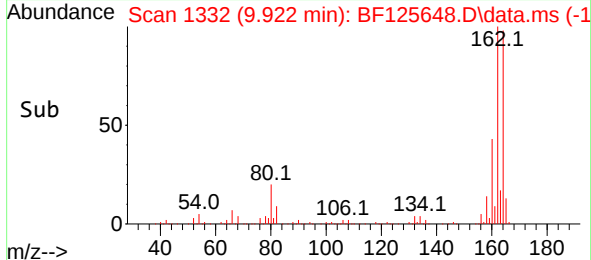
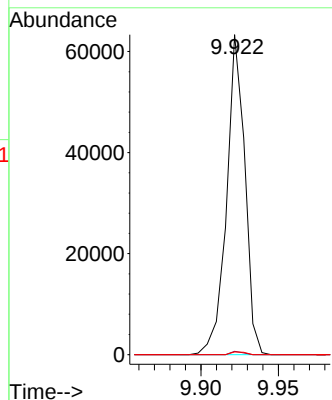
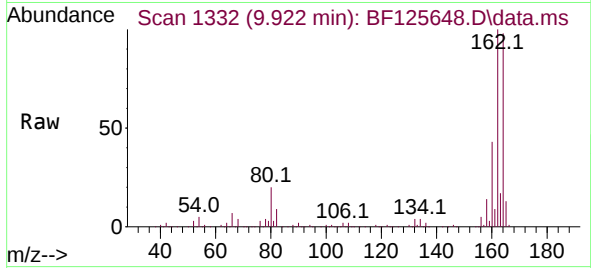




#51
2,6-Dinitrotoluene
Concen: 12.487 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125648.D
Acq: 25 Sep 2021 10:41

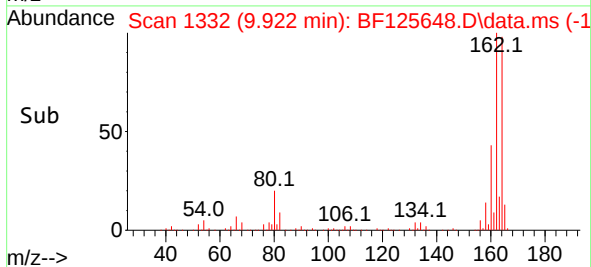
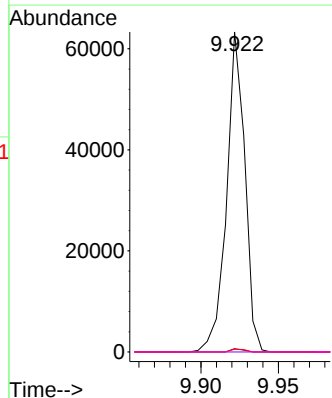
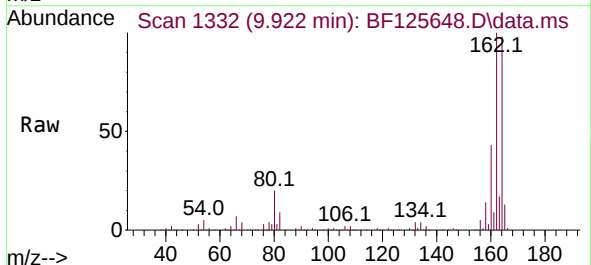
Instrument :
BNA_F
ClientSampleId :
PB139349BL

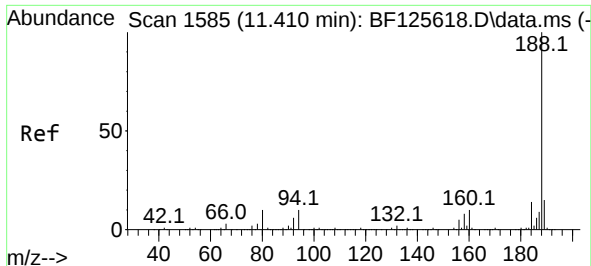
Tgt Ion:165 Resp: 51856
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.409 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125648.D
Acq: 25 Sep 2021 10:41

Tgt Ion:165 Resp: 51856
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

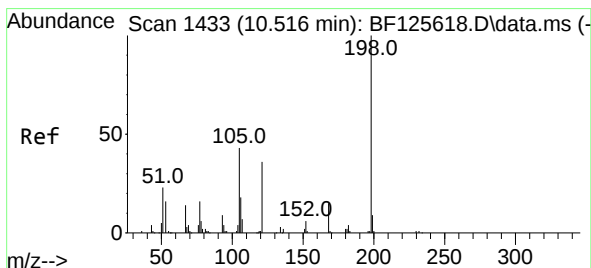
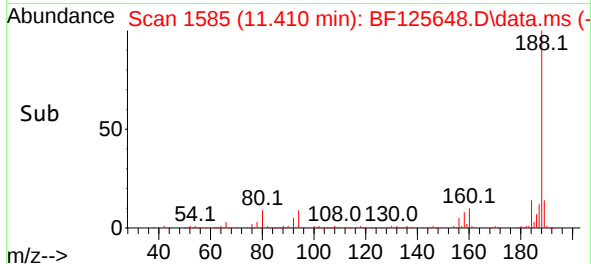
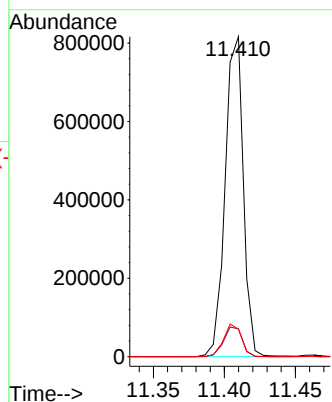
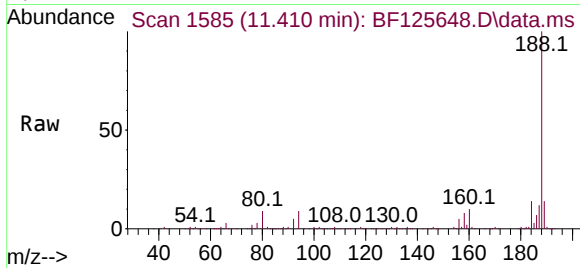




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125648.D
Acq: 25 Sep 2021 10:41

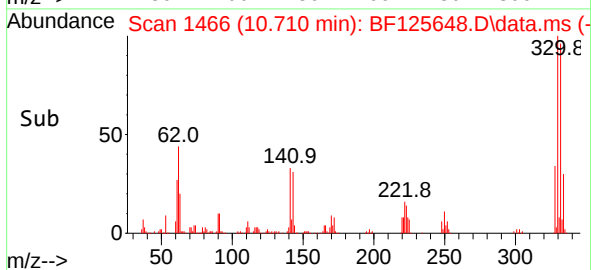
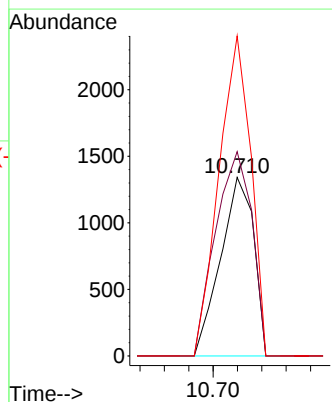
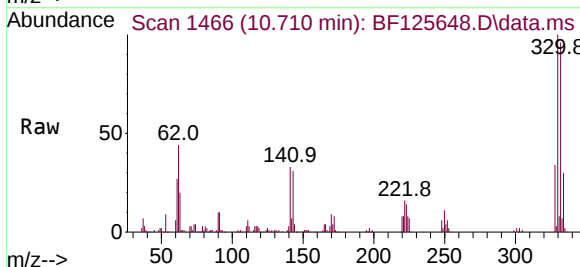
Instrument :
BNA_F
ClientSampleId :
PB139349BL

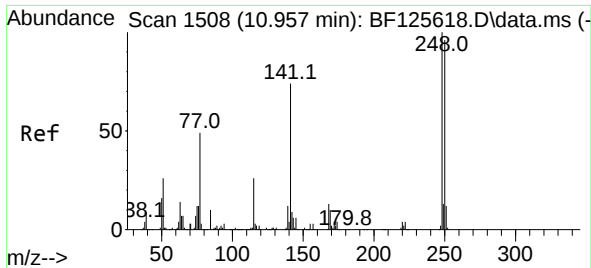
Tgt Ion:188	Resp:	726461
Ion Ratio	Lower	Upper
188	100	
94	8.6	6.7 10.1
80	8.6	7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.304 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125648.D
Acq: 25 Sep 2021 10:41

Tgt Ion:198	Resp:	1267
Ion Ratio	Lower	Upper
198	100	
51	114.5	45.3 85.3#
105	179.3	30.6 70.6#

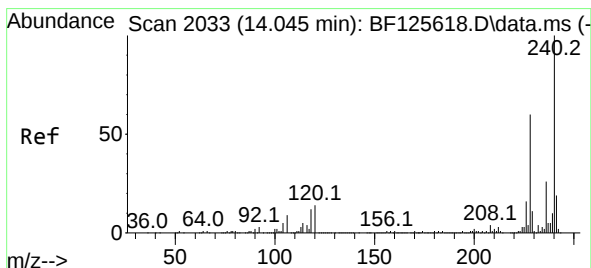
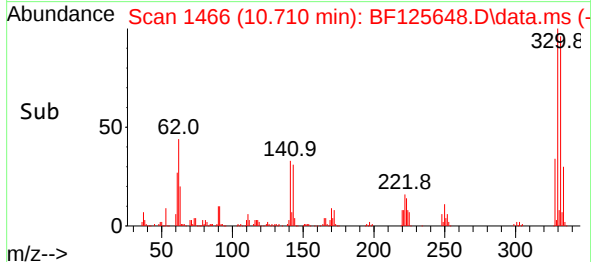
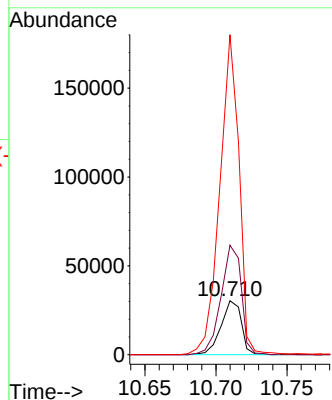
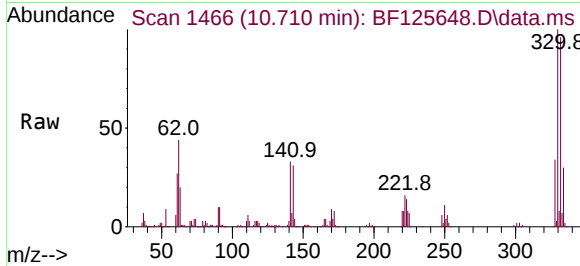




#67
4-Bromophenyl-phenylether
Concen: 3.957 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125648.D
Acq: 25 Sep 2021 10:41

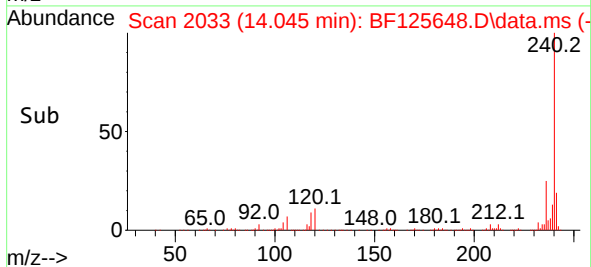
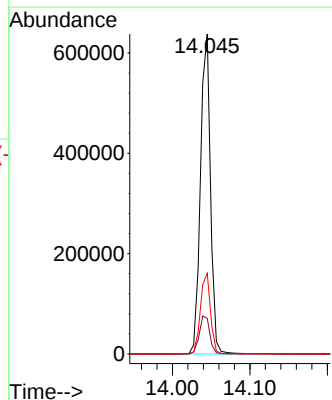
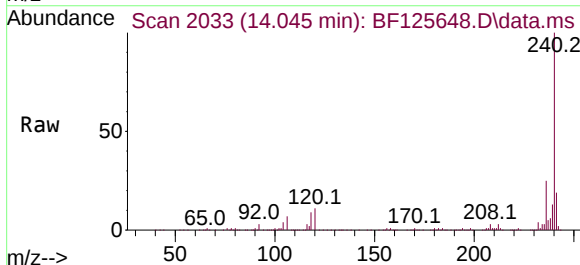
Instrument :
BNA_F
ClientSampleId :
PB139349BL

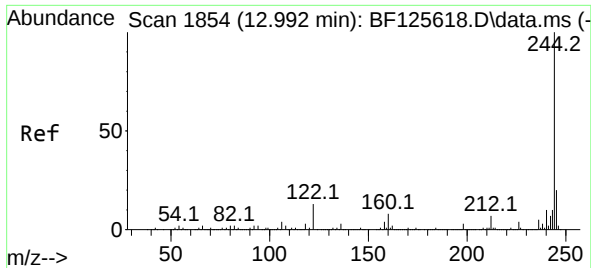
Tgt Ion:248 Resp: 30168
Ion Ratio Lower Upper
248 100
250 203.0 74.2 111.4#
141 593.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125648.D
Acq: 25 Sep 2021 10:41

Tgt Ion:240 Resp: 571658
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 25.2 21.6 32.4

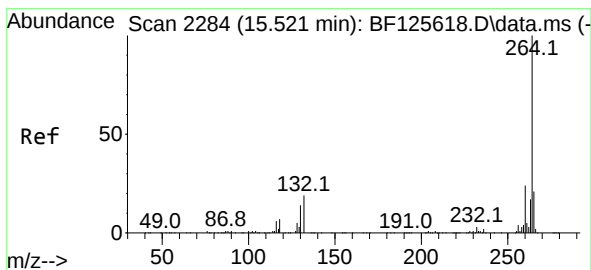
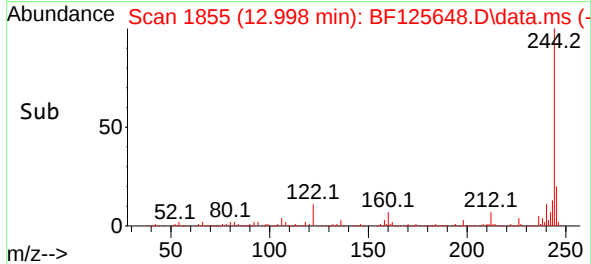
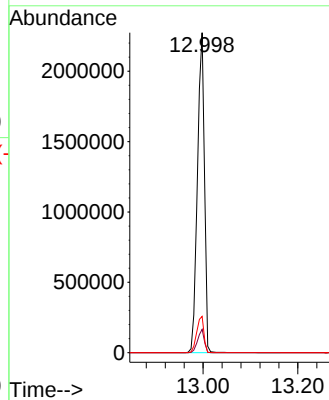
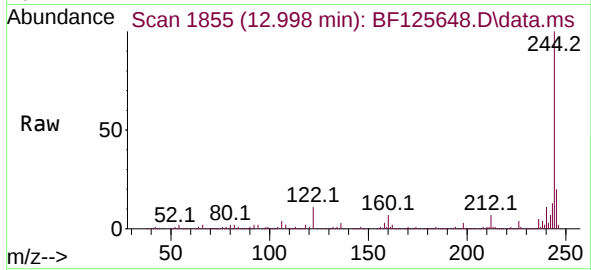




#79
 Terphenyl-d14
 Concen: 70.783 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF125648.D
 Acq: 25 Sep 2021 10:41

Instrument :
 BNA_F
 ClientSampleId :
 PB139349BL

Tgt Ion:244 Resp: 2336569
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.4 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF125648.D
 Acq: 25 Sep 2021 10:41

Tgt Ion:264 Resp: 429448
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 21.3 17.2 25.8

