

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129726.D
 Acq On : 11 Aug 2022 21:07
 Operator : CG\JU
 Sample : N4024-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Quant Time: Aug 12 00:03:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

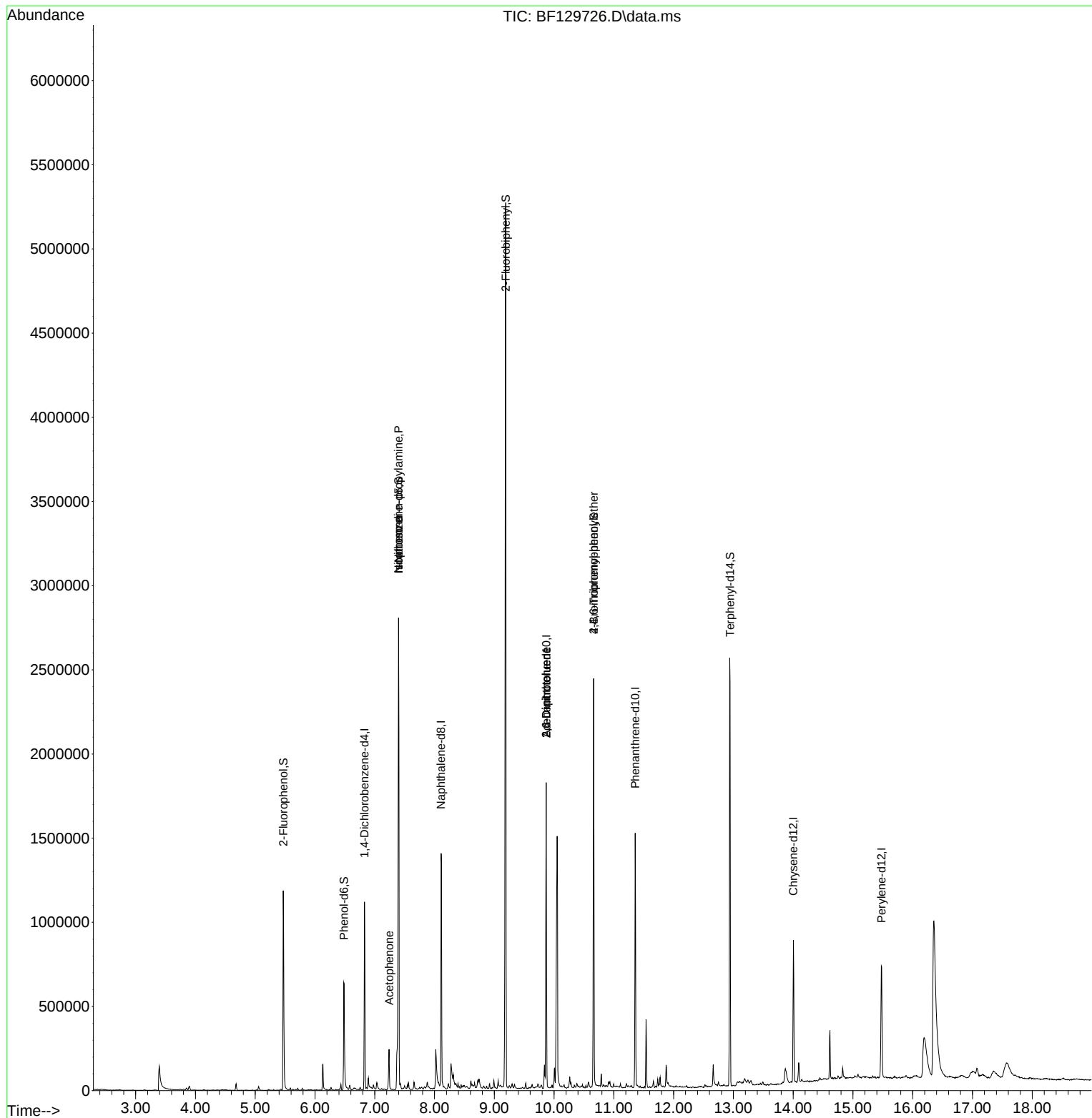
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	161313	20.000	ng	-0.01
21) Naphthalene-d8	8.110	136	649855	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	327298	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	489054	20.000	ng	#-0.01
76) Chrysene-d12	14.004	240	268503	20.000	ng	-0.02
86) Perylene-d12	15.480	264	307712	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	346414	34.982	ng	0.00
7) Phenol-d6	6.487	99	256634	20.618	ng	0.00
23) Nitrobenzene-d5	7.398	82	995413	83.616	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	263453	83.723	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1788290	84.522	ng	0.00
79) Terphenyl-d14	12.945	244	880463	61.864	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	132752	17.617	ng	# 73
22) Acetophenone	7.239	105	55832	3.690	ng	# 92
25) Isophorone	7.398	82	993719	46.568	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	43132	8.529	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	43132	6.529	ng	# 21
67) 4-Bromophenyl-phenylether	10.663	248	16188	3.023	ng	# 1

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

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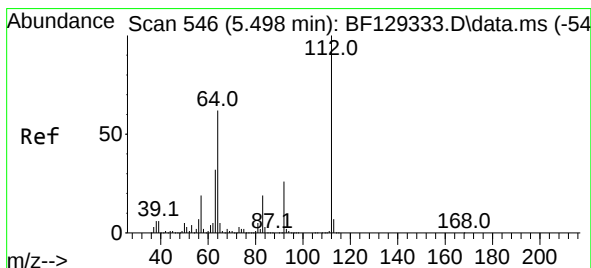
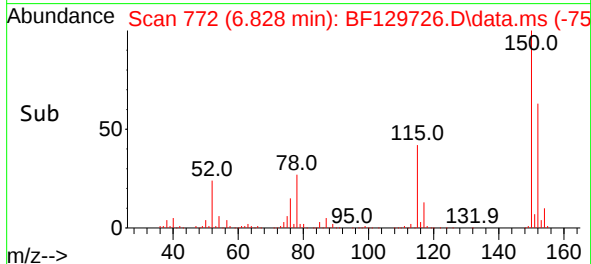
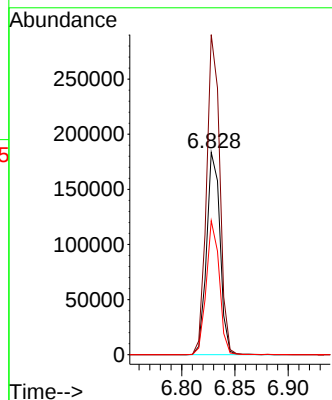
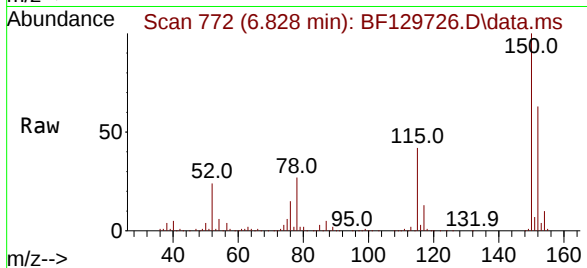




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF129726.D
 Acq: 11 Aug 2022 21:07

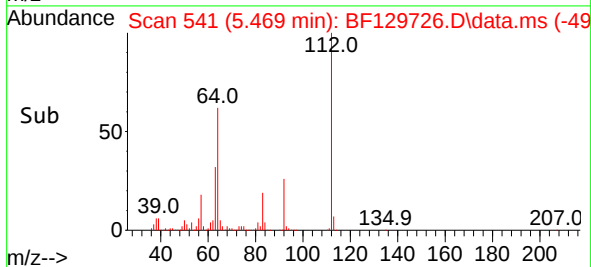
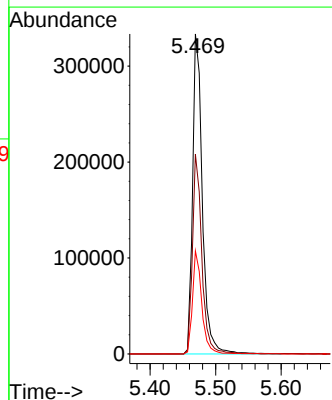
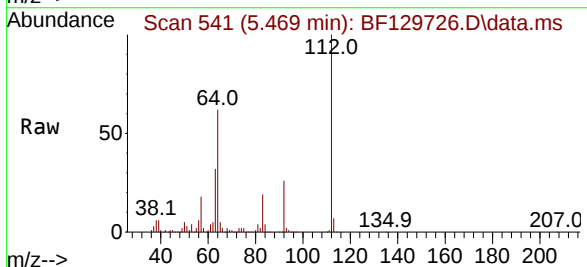
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:152 Resp: 161313
 Ion Ratio Lower Upper
 152 100
 150 158.2 123.7 185.5
 115 66.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 34.982 ng
 RT: 5.469 min Scan# 541
 Delta R.T. -0.000 min
 Lab File: BF129726.D
 Acq: 11 Aug 2022 21:07

Tgt Ion:112 Resp: 346414
 Ion Ratio Lower Upper
 112 100
 64 62.4 53.3 79.9
 63 32.2 28.0 42.0

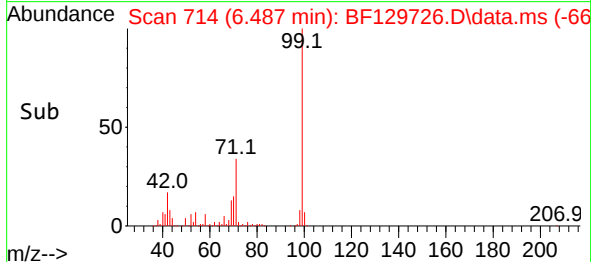
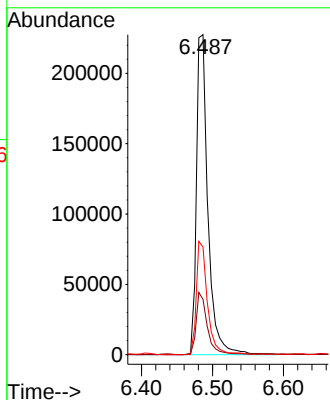
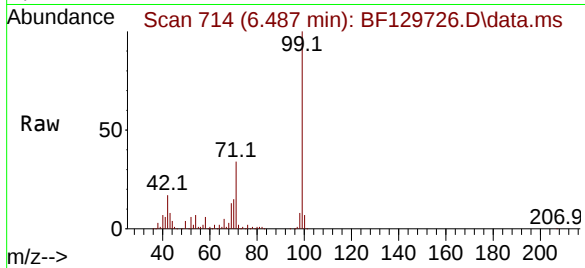




#7
Phenol-d6
Concen: 20.618 ng
RT: 6.487 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF129726.D
Acq: 11 Aug 2022 21:07

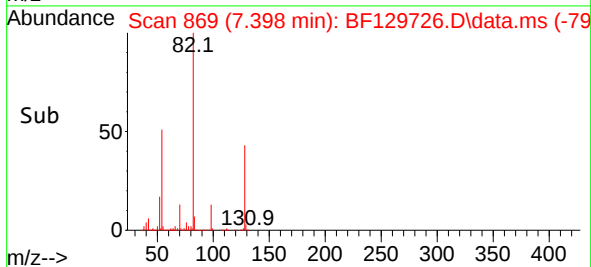
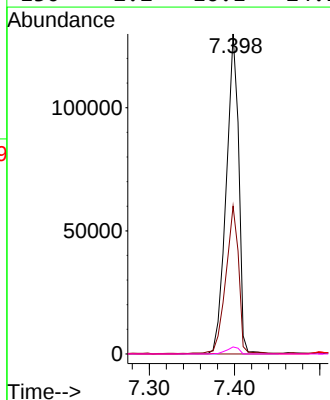
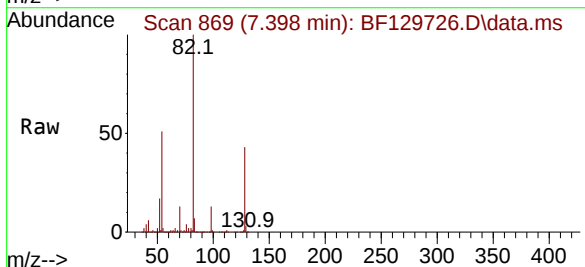
Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion: 99 Resp: 256634
Ion Ratio Lower Upper
99 100
42 17.3 17.3 25.9
71 33.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.617 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF129726.D
Acq: 11 Aug 2022 21:07

Tgt Ion: 70 Resp: 132752
Ion Ratio Lower Upper
70 100
42 46.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



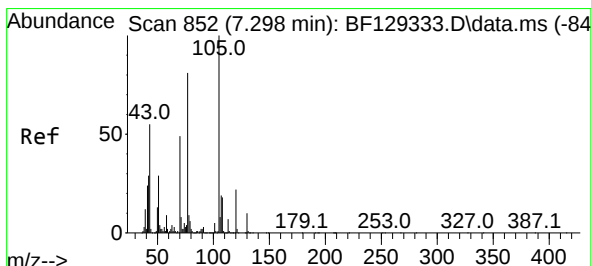
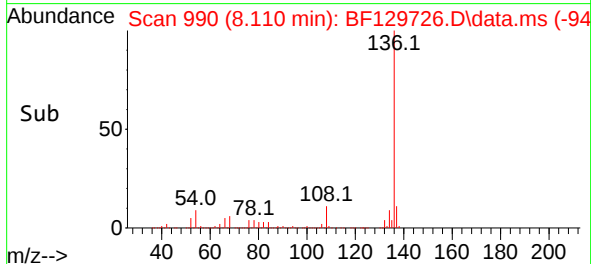
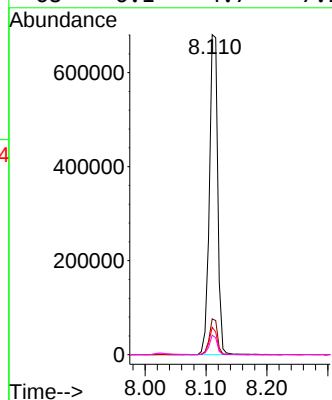
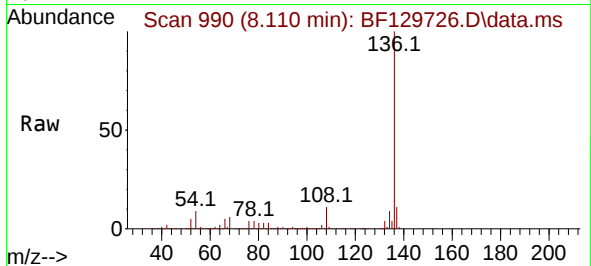


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129726.D
Acq: 11 Aug 2022 21:07

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion:136 Resp: 649855

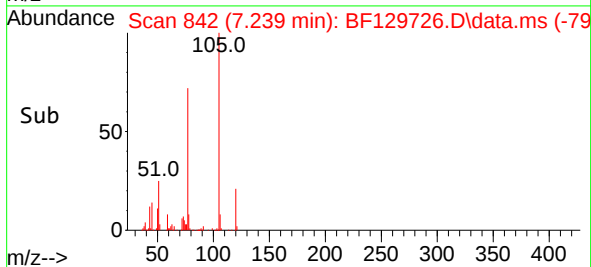
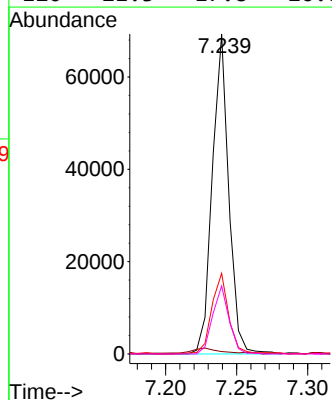
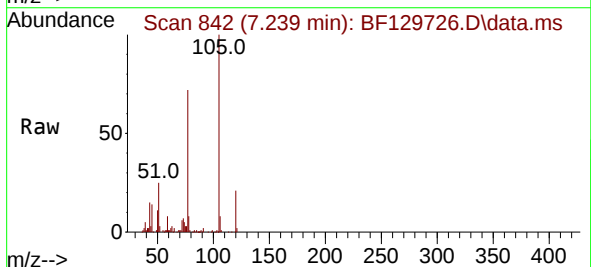
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.6	7.5	11.3
68	6.1	4.7	7.1

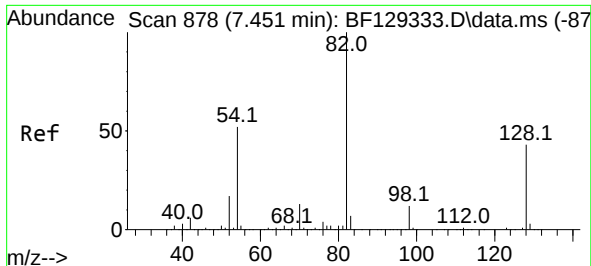


#22
Acetophenone
Concen: 3.690 ng
RT: 7.239 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF129726.D
Acq: 11 Aug 2022 21:07

Tgt Ion:105 Resp: 55832

Ion	Ratio	Lower	Upper
105	100		
71	0.8	5.0	7.4#
51	25.2	25.0	37.4
120	21.3	17.8	26.8

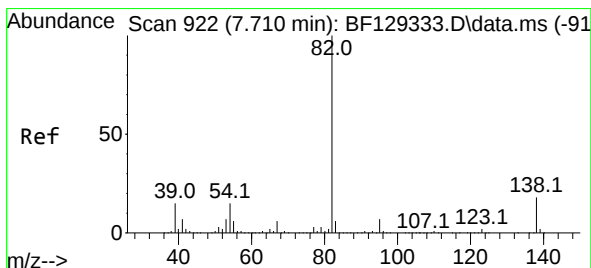
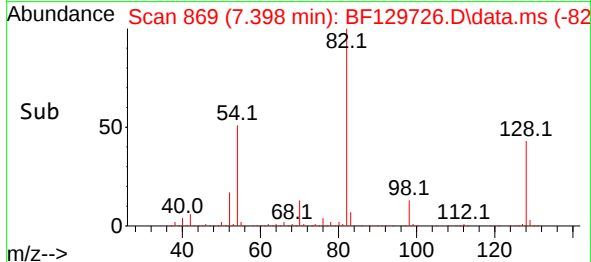
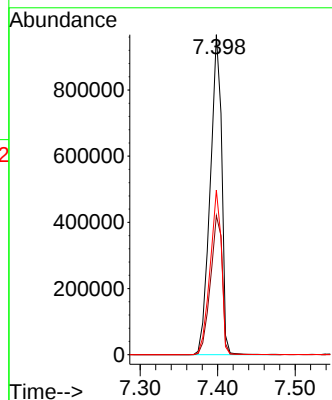
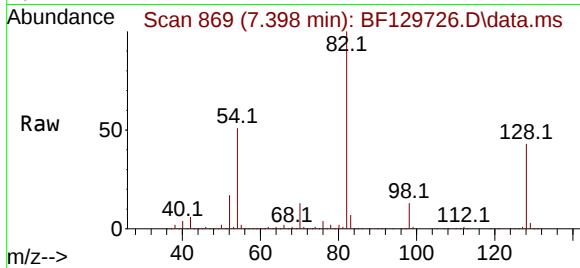




#23
Nitrobenzene-d5
Concen: 83.616 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129726.D
Acq: 11 Aug 2022 21:07

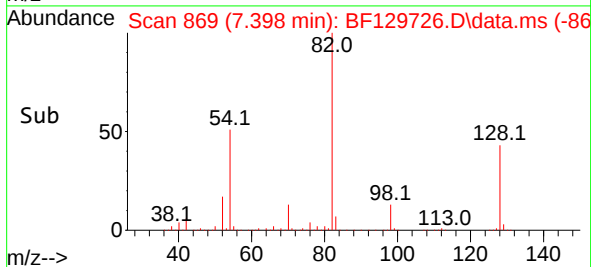
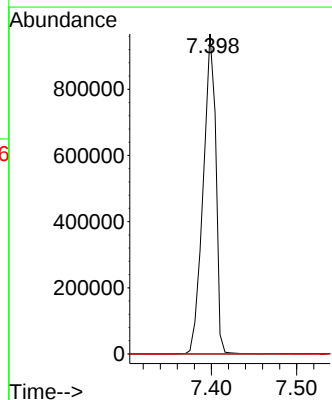
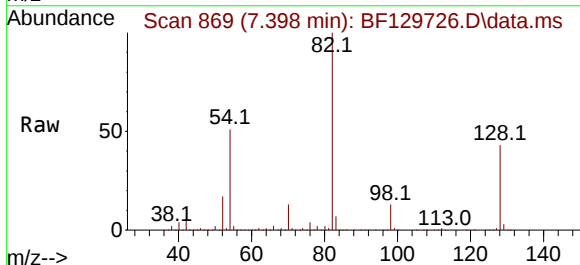
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ClientSampleId :
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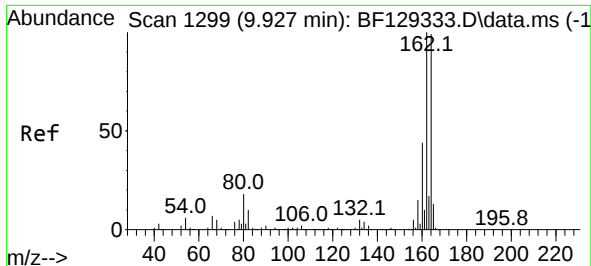
Tgt Ion: 82 Resp: 995413
Ion Ratio Lower Upper
82 100
128 43.4 34.0 51.0
54 51.5 46.9 70.3



#25
Isophorone
Concen: 46.568 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.265 min
Lab File: BF129726.D
Acq: 11 Aug 2022 21:07

Tgt Ion: 82 Resp: 993719
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#

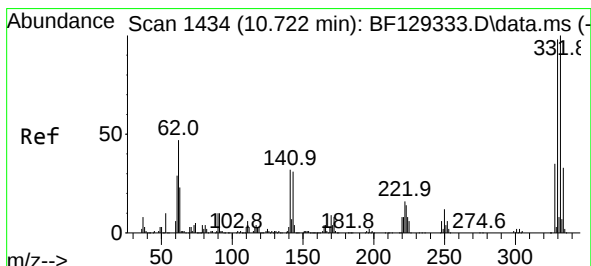
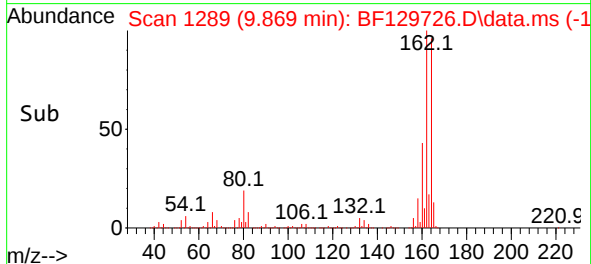
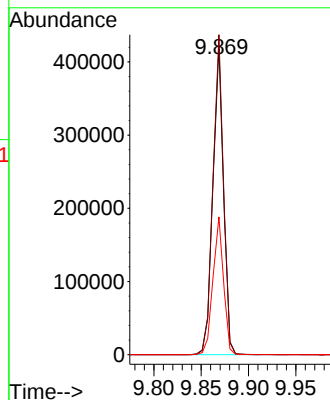
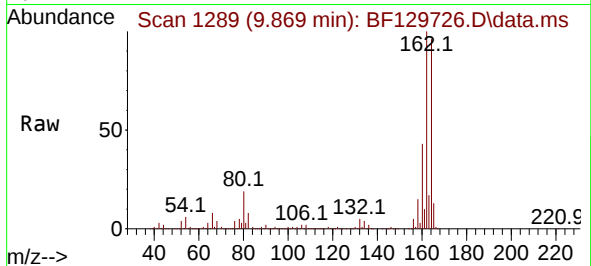




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129726.D
Acq: 11 Aug 2022 21:07

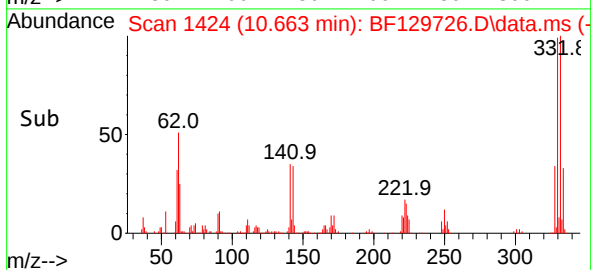
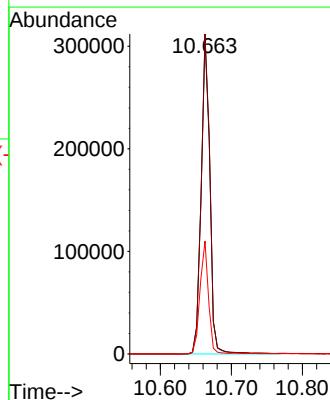
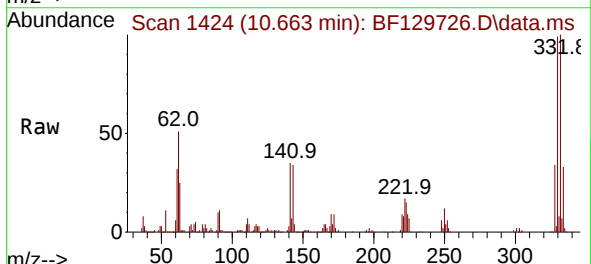
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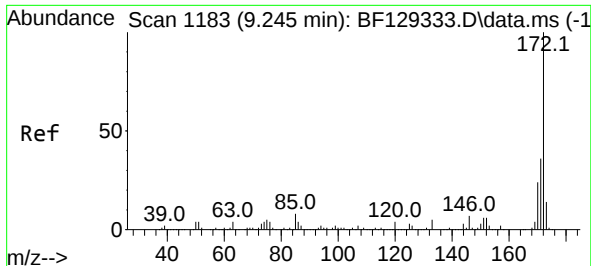
Tgt Ion:164 Resp: 327298
Ion Ratio Lower Upper
164 100
162 103.9 79.5 119.3
160 44.7 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 83.723 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF129726.D
Acq: 11 Aug 2022 21:07

Tgt Ion:330 Resp: 263453
Ion Ratio Lower Upper
330 100
332 101.4 76.8 115.2
141 35.2 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 84.522 ng

RT: 9.192 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF129726.D

Acq: 11 Aug 2022 21:07

Instrument :

BNA_F

ClientSampleId :

MANHOLE

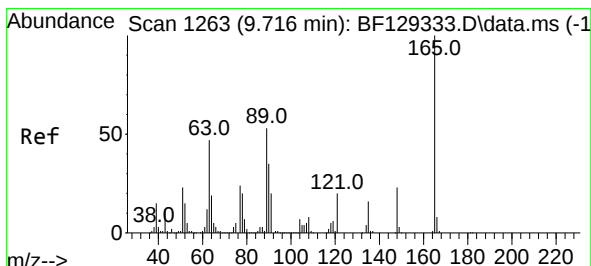
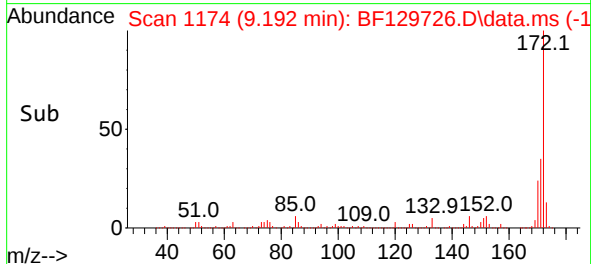
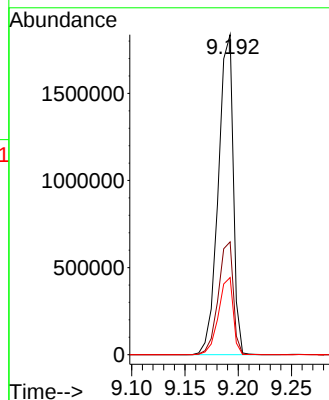
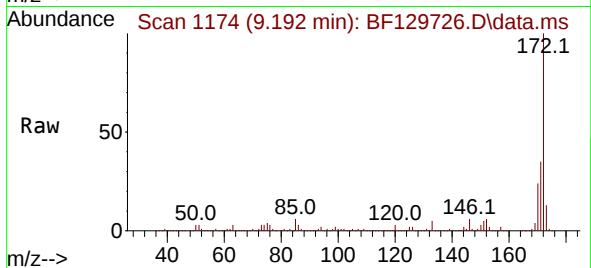
Tgt Ion:172 Resp: 1788290

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 24.1 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 8.529 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF129726.D

Acq: 11 Aug 2022 21:07

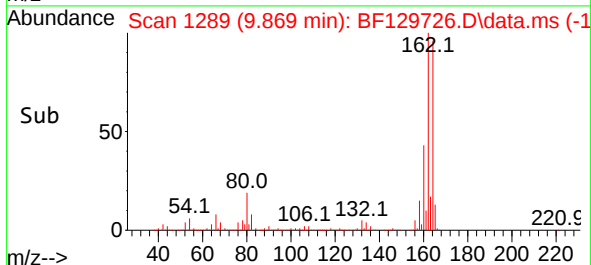
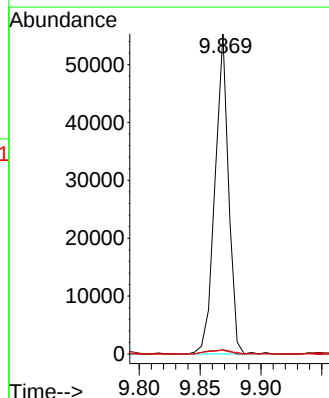
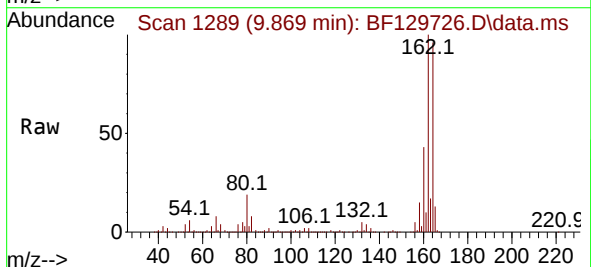
Tgt Ion:165 Resp: 43132

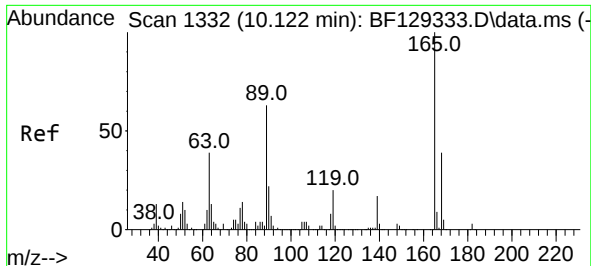
Ion Ratio Lower Upper

165 100

63 1.3 44.9 67.3#

89 1.2 43.6 65.4#

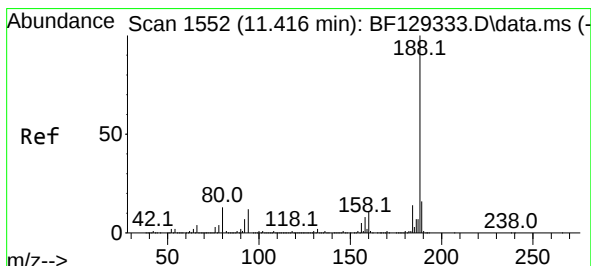
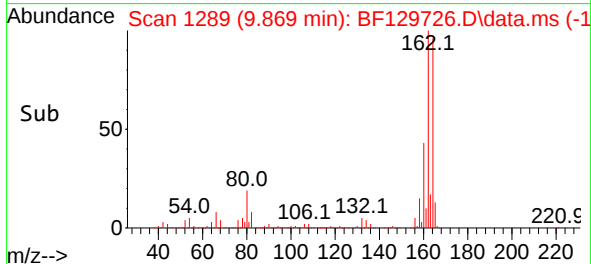
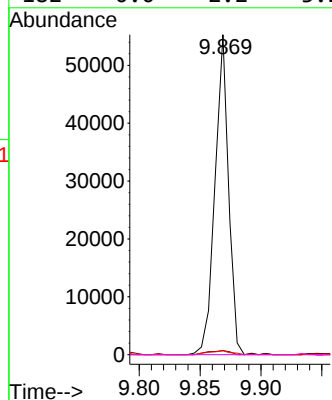
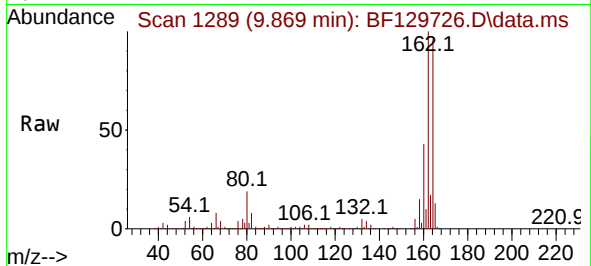




#57
2,4-Dinitrotoluene
Concen: 6.529 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF129726.D
Acq: 11 Aug 2022 21:07

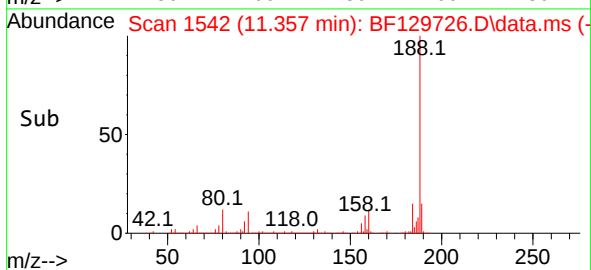
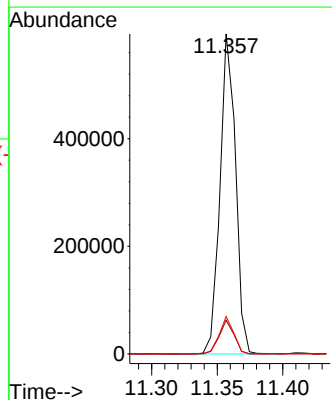
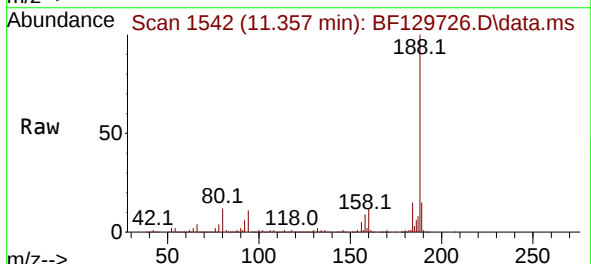
Instrument :
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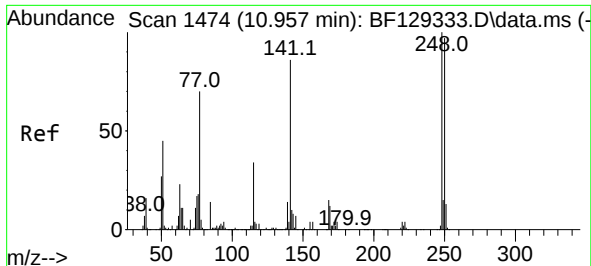
Tgt Ion:165 Resp: 43132
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BF129726.D
Acq: 11 Aug 2022 21:07

Tgt Ion:188 Resp: 489054
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 11.7 7.6 11.4#

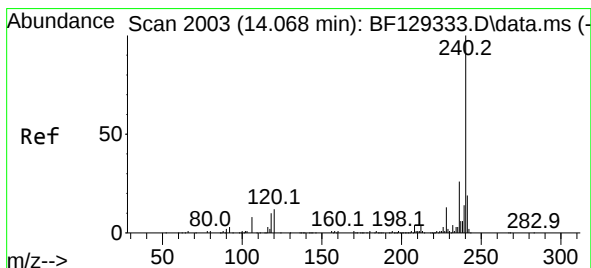
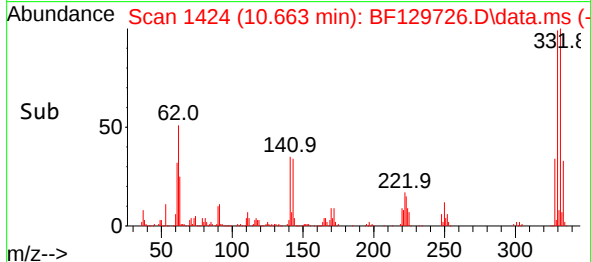
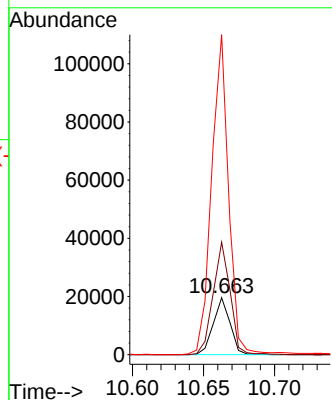
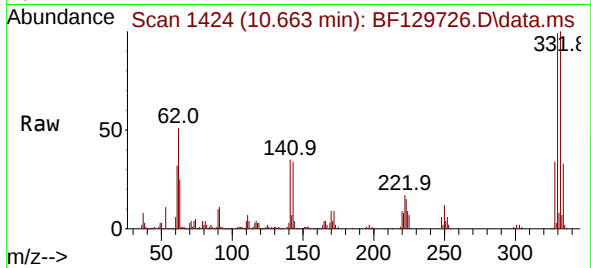




#67
4-Bromophenyl-phenylether
Concen: 3.023 ng
RT: 10.663 min Scan# 1474
Delta R.T. -0.247 min
Lab File: BF129726.D
Acq: 11 Aug 2022 21:07

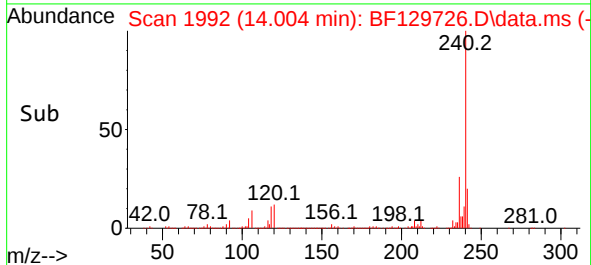
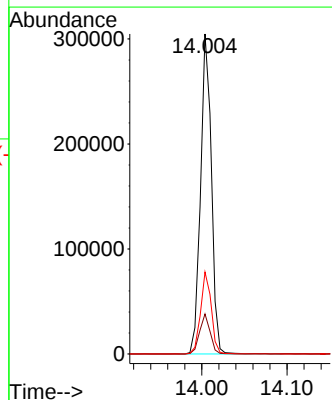
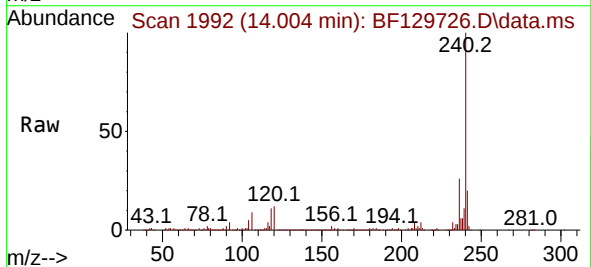
Instrument :
BNA_F
ClientSampleId :
MANHOLE

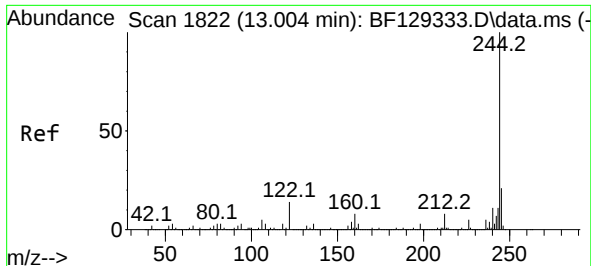
Tgt Ion:248 Resp: 16188
Ion Ratio Lower Upper
248 100
250 197.5 80.6 120.8#
141 562.2 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.018 min
Lab File: BF129726.D
Acq: 11 Aug 2022 21:07

Tgt Ion:240 Resp: 268503
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 25.6 20.8 31.2

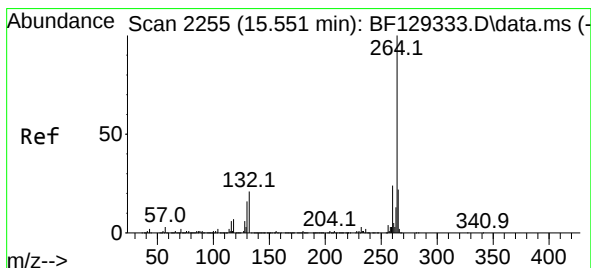
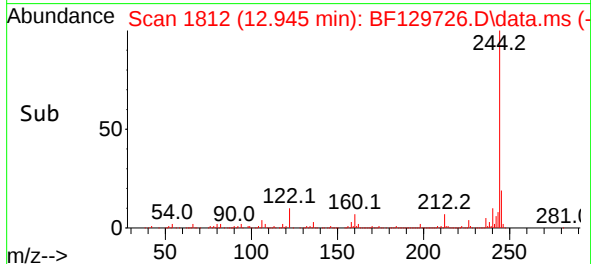
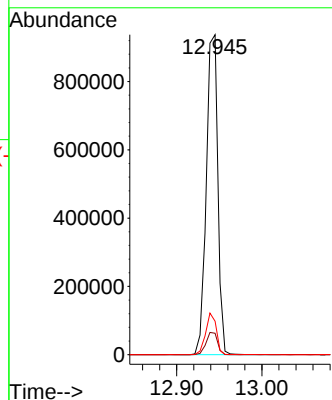
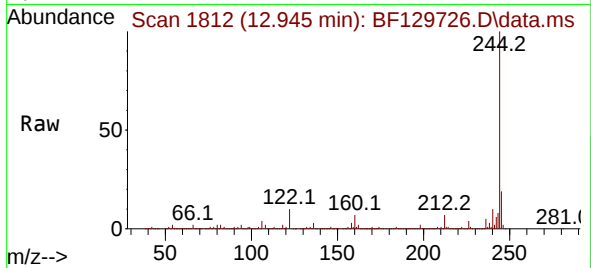




#79
 Terphenyl-d14
 Concen: 61.864 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.012 min
 Lab File: BF129726.D
 Acq: 11 Aug 2022 21:07

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Tgt Ion:244 Resp: 880463
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2243
 Delta R.T. -0.012 min
 Lab File: BF129726.D
 Acq: 11 Aug 2022 21:07

Tgt Ion:264 Resp: 307712
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 21.8 17.2 25.8

