

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126663.D
 Acq On : 25 Jan 2022 15:09
 Operator : CG/JU
 Sample : N1245-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(4-4.5)

Quant Time: Jan 26 00:21:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

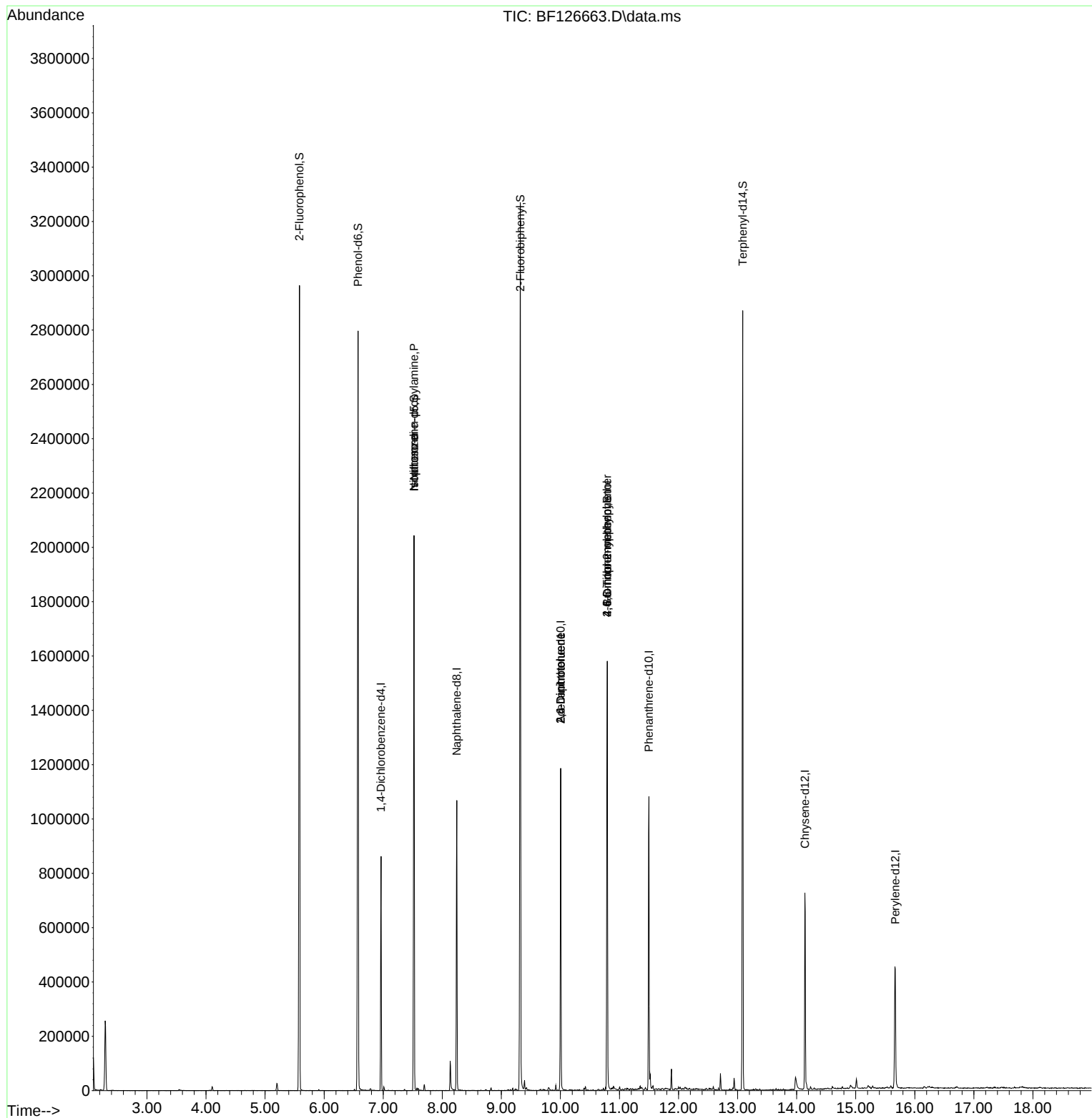
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	103815	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	404953	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	216058	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	356109	20.000	ng	0.00
76) Chrysene-d12	14.139	240	238788	20.000	ng	#-0.01
86) Perylene-d12	15.668	264	219434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	728156	92.297	ng	0.00
7) Phenol-d6	6.575	99	970359	88.527	ng	0.00
23) Nitrobenzene-d5	7.522	82	718370	69.435	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	151333	74.844	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	919986	65.212	ng	0.00
79) Terphenyl-d14	13.086	244	894245	62.812	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.516	77	1266	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.522	70	98056	12.257	ng	# 70
25) Isophorone	7.522	82	718482	35.809	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	26284	9.926	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	26284	8.191	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	316	7.529	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	9728	2.370	ng	# 1

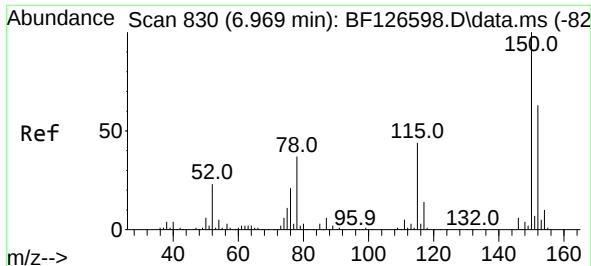
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(4-4.5)

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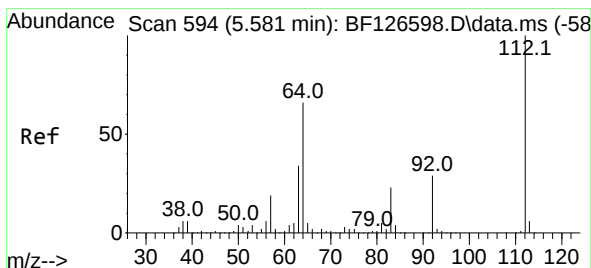
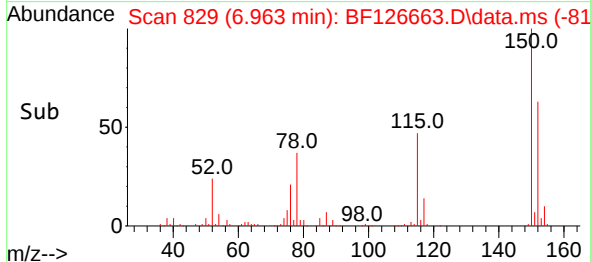
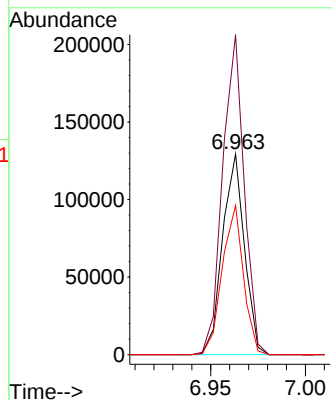
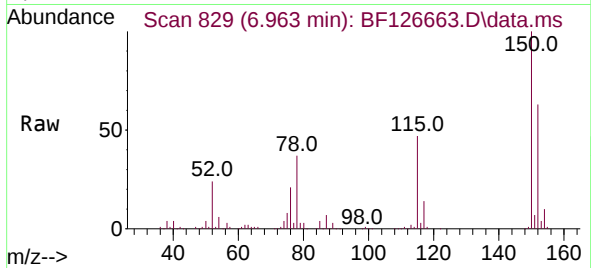




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

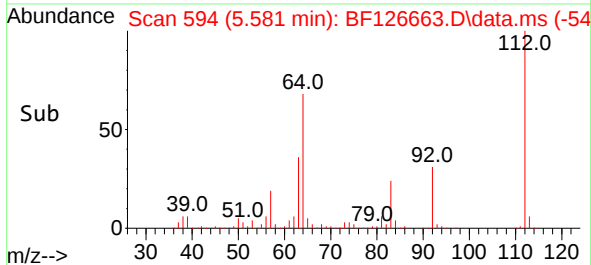
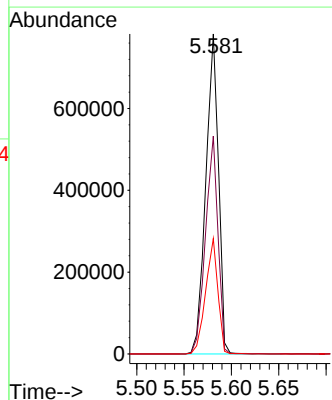
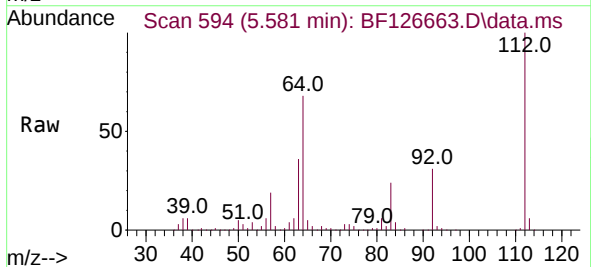
Instrument :
BNA_F
ClientSampleId :
SB-1(4-4.5)

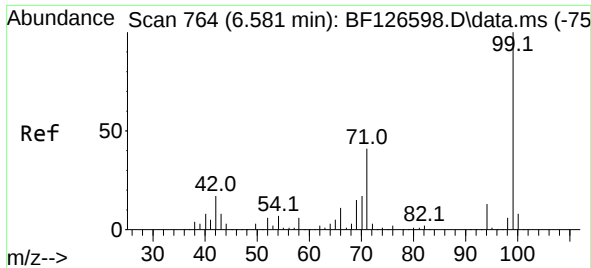
Tgt Ion:152 Resp: 103815
Ion Ratio Lower Upper
152 100
150 159.5 128.1 192.1
115 74.4 56.7 85.1



#5
2-Fluorophenol
Concen: 92.297 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.000 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

Tgt Ion:112 Resp: 728156
Ion Ratio Lower Upper
112 100
64 68.1 49.5 74.3
63 36.0 23.9 35.9#

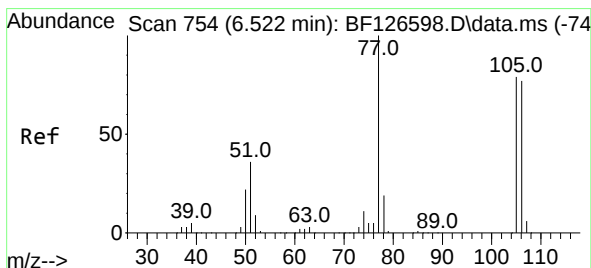
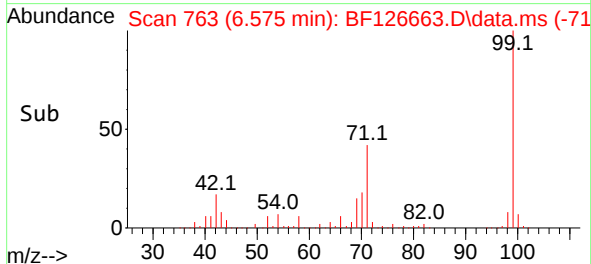
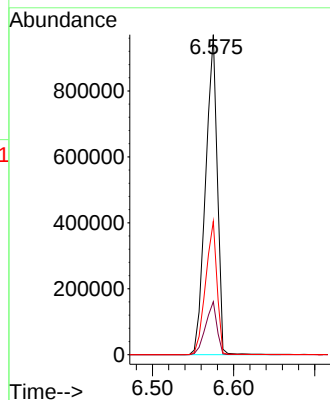
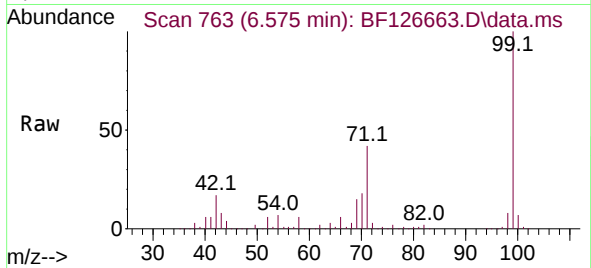




#7
Phenol-d6
Concen: 88.527 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

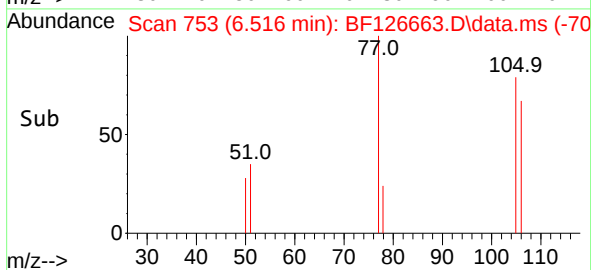
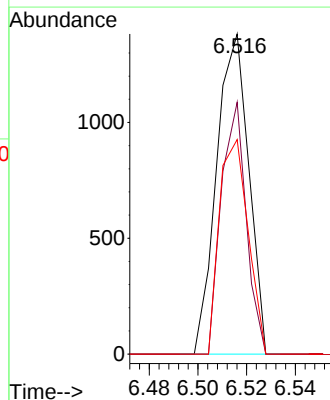
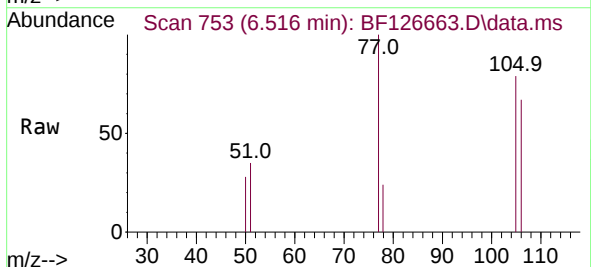
Instrument :
BNA_F
ClientSampleId :
SB-1(4-4.5)

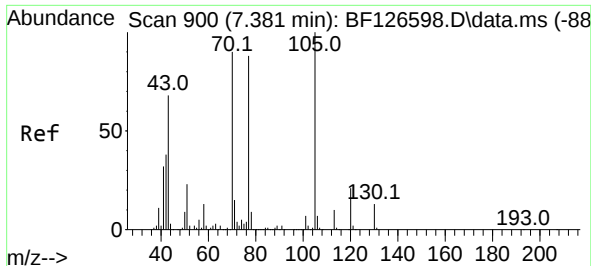
Tgt Ion: 99 Resp: 970359
Ion Ratio Lower Upper
99 100
42 16.6 14.2 21.4
71 41.6 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

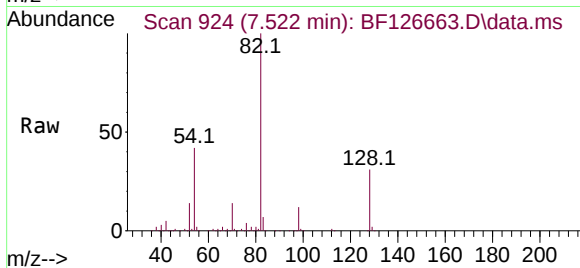
Tgt Ion: 77 Resp: 1266
Ion Ratio Lower Upper
77 100
105 78.7 74.9 114.9
106 67.0 72.4 112.4#



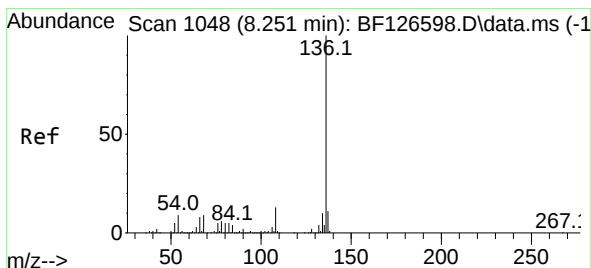
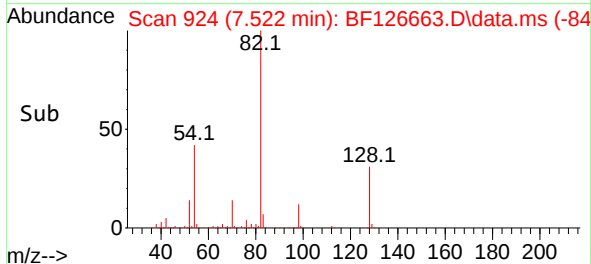
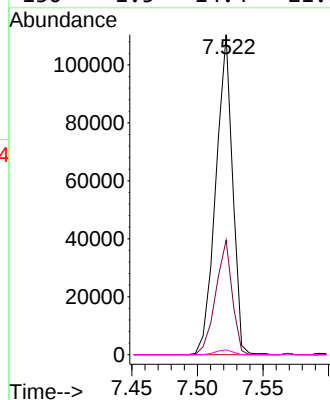


#19
n-Nitroso-di-n-propylamine
Concen: 12.257 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

Instrument :
BNA_F
ClientSampleId :
SB-1(4-4.5)

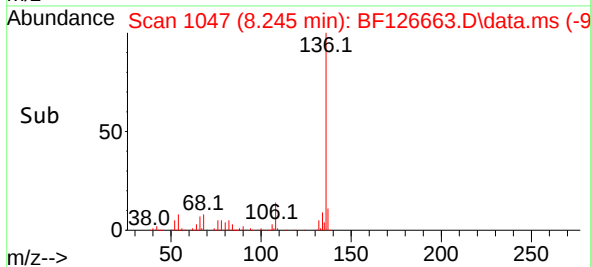
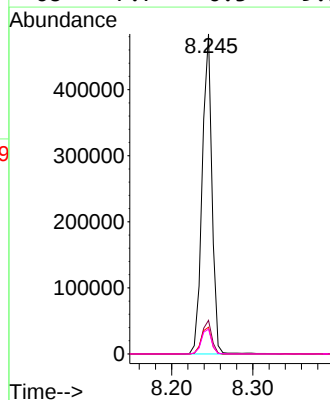
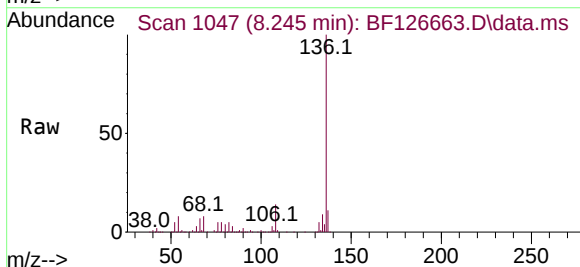


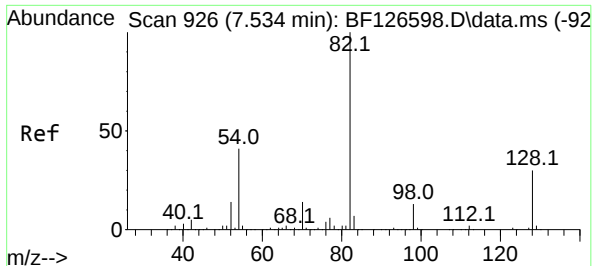
Tgt Ion:	70	Resp:	98056
Ion	Ratio	Lower	Upper
70	100		
42	35.8	45.8	68.8#
101	0.0	6.9	10.3#
130	1.5	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

Tgt Ion:	136	Resp:	404953
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.3	7.8	11.6
68	7.7	6.3	9.5

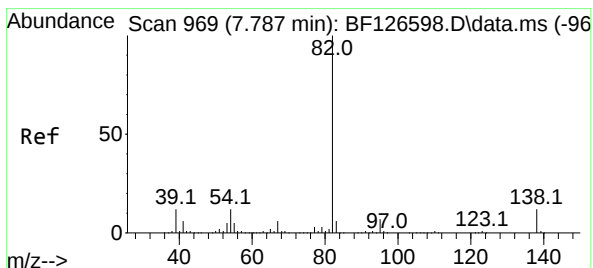
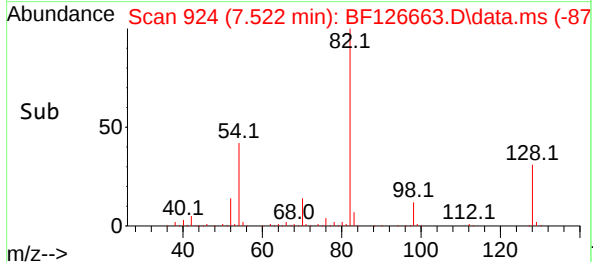
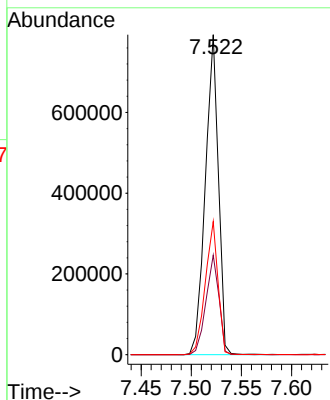
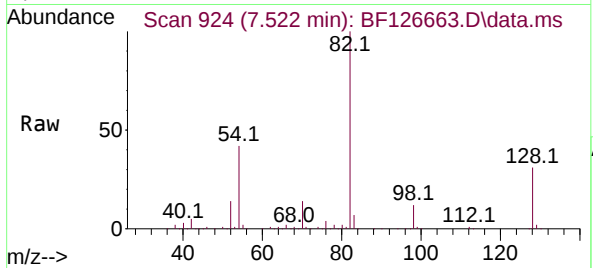




#23
Nitrobenzene-d5
Concen: 69.435 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

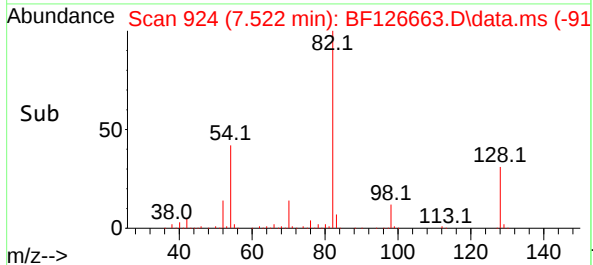
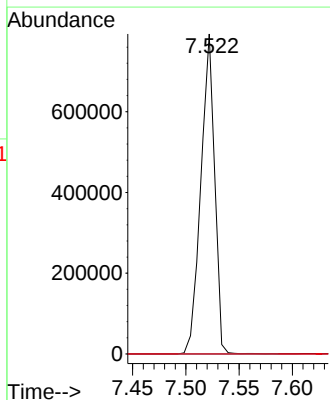
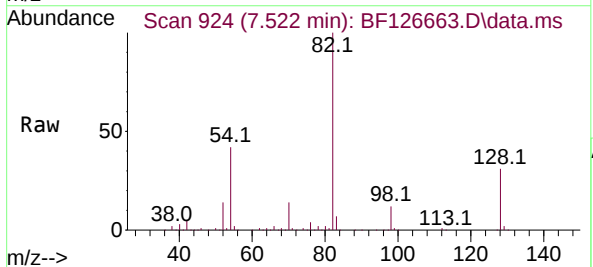
Instrument :
BNA_F
ClientSampleId :
SB-1(4-4.5)

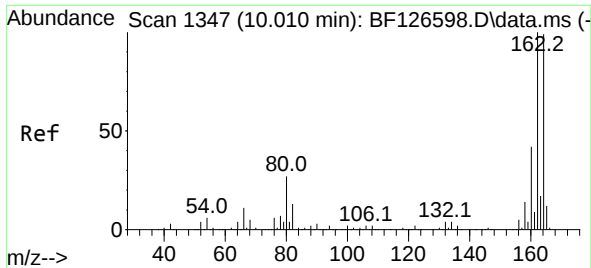
Tgt Ion: 82 Resp: 718370
Ion Ratio Lower Upper
82 100
128 31.1 32.7 49.1#
54 41.6 41.7 62.5#



#25
Isophorone
Concen: 35.809 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

Tgt Ion: 82 Resp: 718482
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

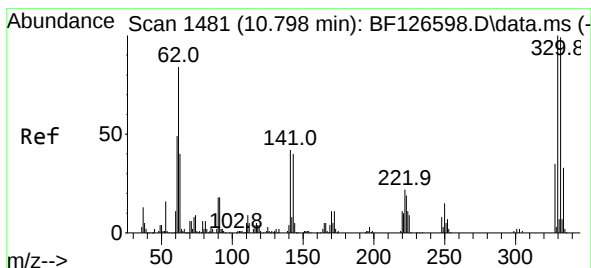
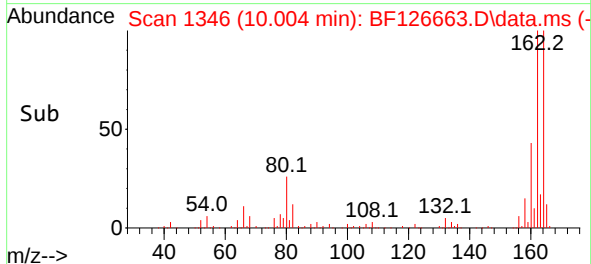
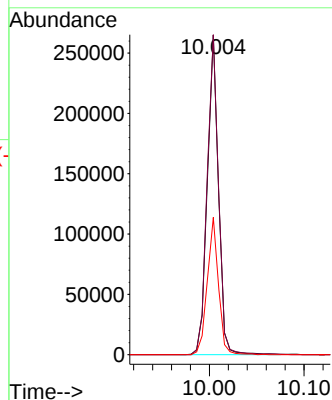
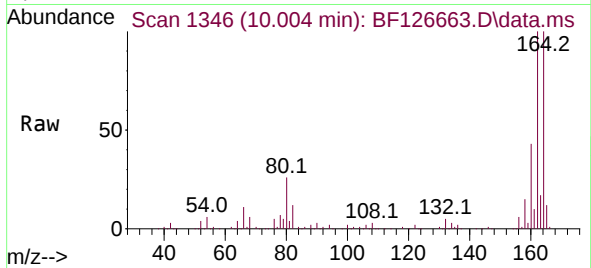




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

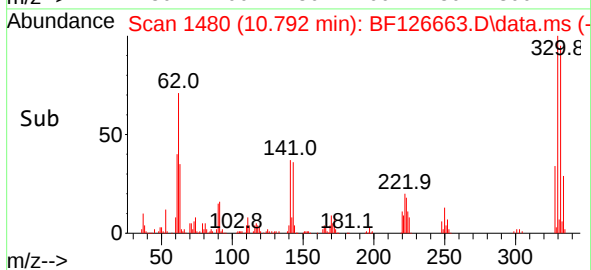
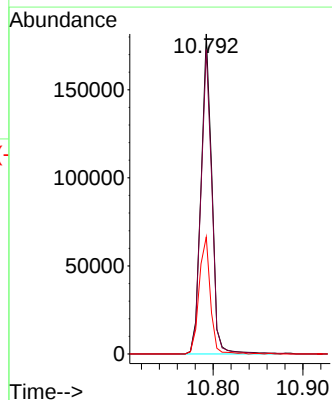
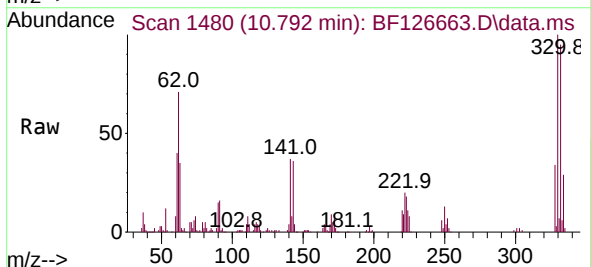
Instrument :
BNA_F
ClientSampleId :
SB-1(4-4.5)

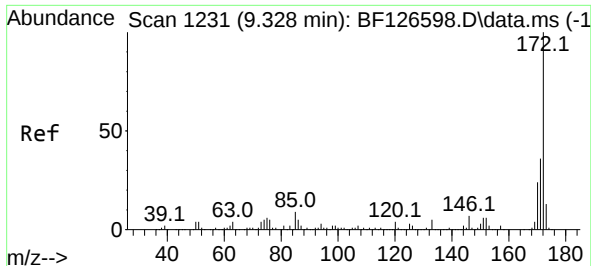
Tgt Ion:164 Resp: 216058
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 42.9 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 74.844 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

Tgt Ion:330 Resp: 151333
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 38.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 65.212 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126663.D

Acq: 25 Jan 2022 15:09

Instrument :

BNA_F

ClientSampleId :

SB-1(4-4.5)

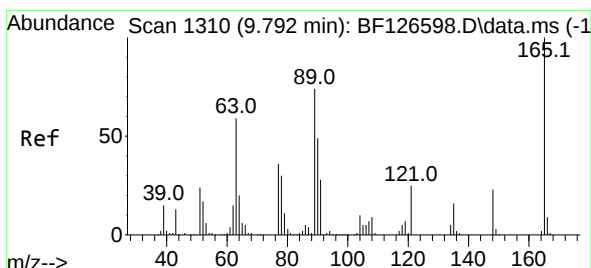
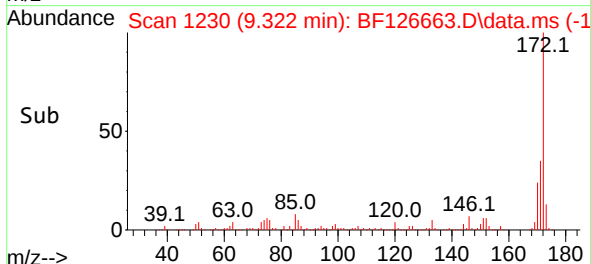
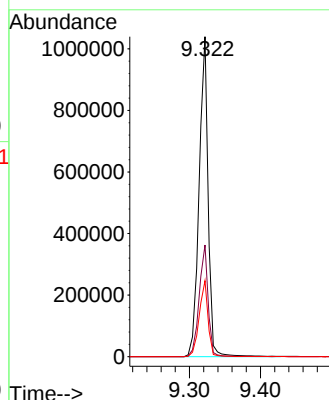
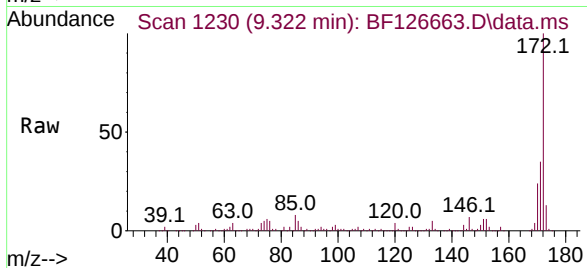
Tgt Ion:172 Resp: 919986

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.8 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.926 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126663.D

Acq: 25 Jan 2022 15:09

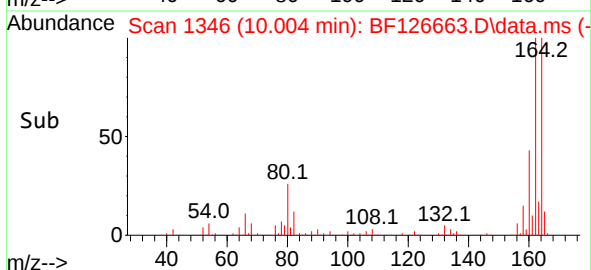
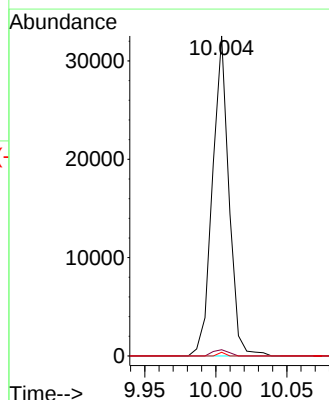
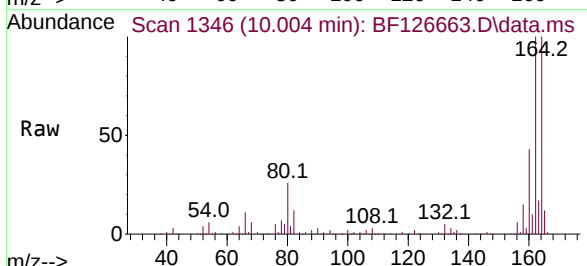
Tgt Ion:165 Resp: 26284

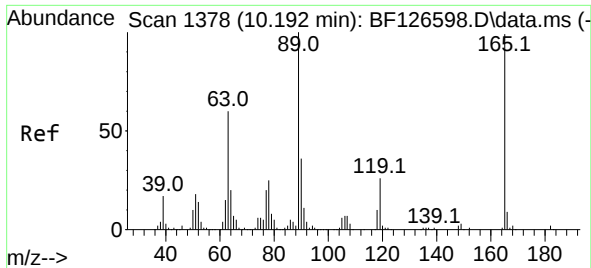
Ion Ratio Lower Upper

165 100

63 1.9 48.4 72.6#

89 1.2 50.5 75.7#

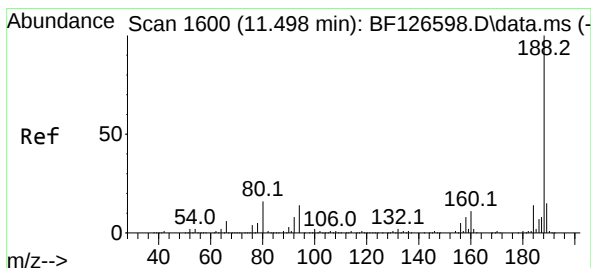
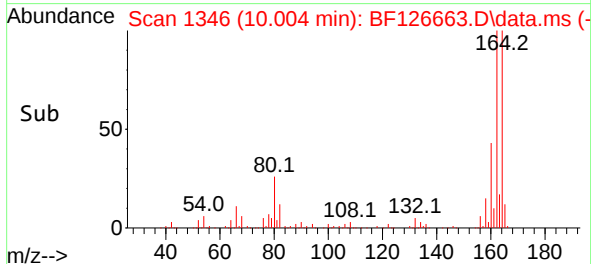
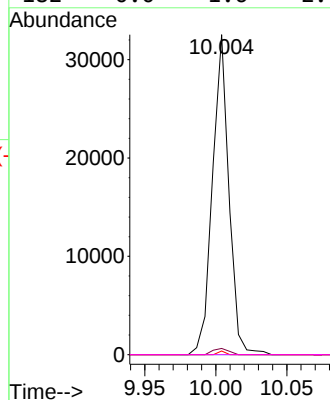
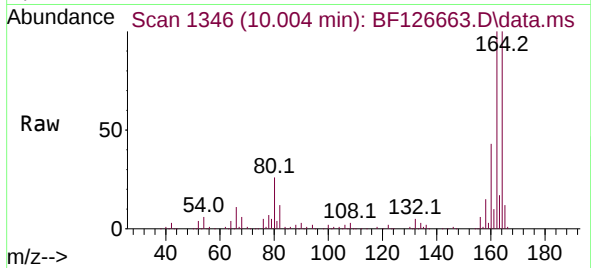




#57
2,4-Dinitrotoluene
Concen: 8.191 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

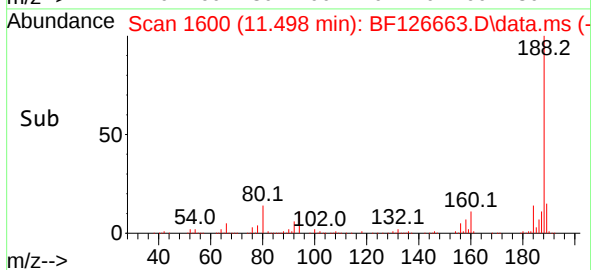
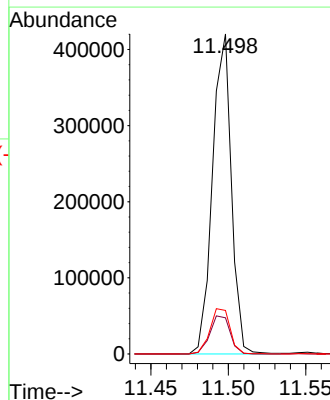
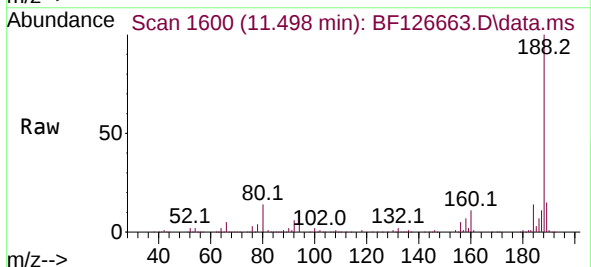
Instrument :
BNA_F
ClientSampleId :
SB-1(4-4.5)

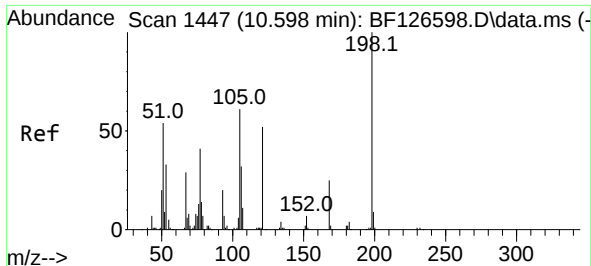
Tgt Ion:165 Resp: 26284
Ion Ratio Lower Upper
165 100
63 1.9 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

Tgt Ion:188 Resp: 356109
Ion Ratio Lower Upper
188 100
94 11.3 10.1 15.1
80 13.6 11.8 17.6

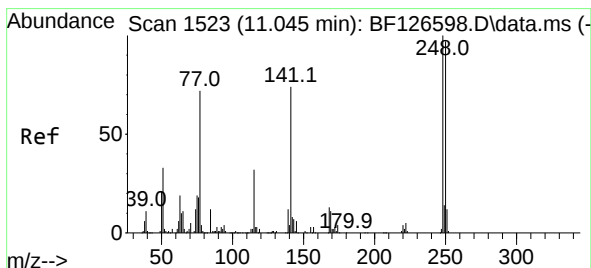
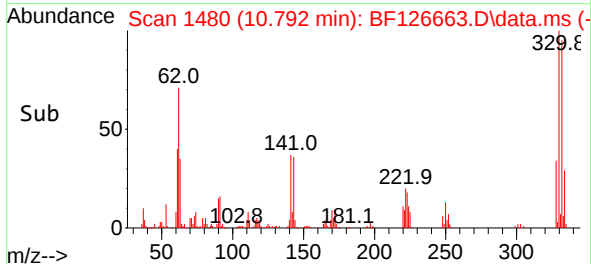
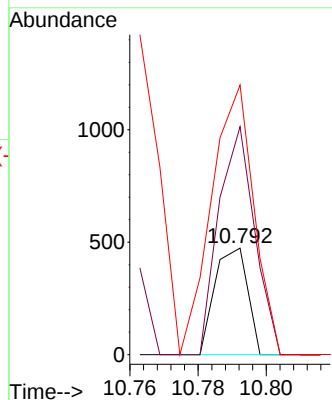
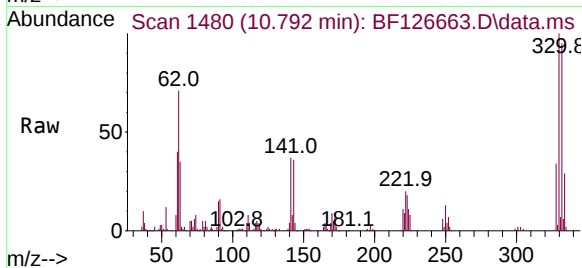




#65
4,6-Dinitro-2-methylphenol
Concen: 7.529 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

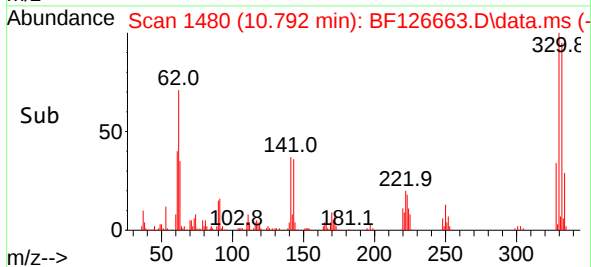
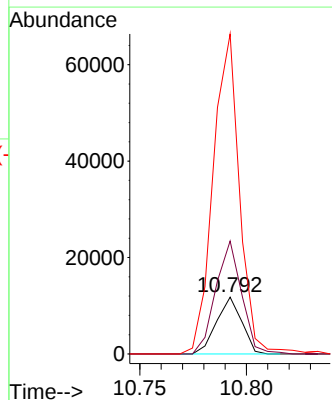
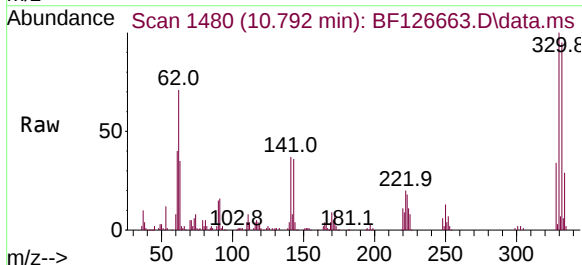
Instrument :
BNA_F
ClientSampleId :
SB-1(4-4.5)

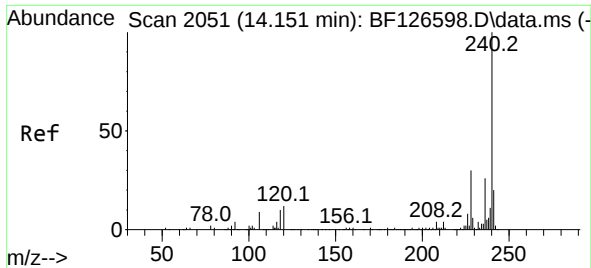
Tgt Ion:198 Resp: 316
Ion Ratio Lower Upper
198 100
51 213.9 32.0 72.0#
105 253.0 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 2.370 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

Tgt Ion:248 Resp: 9728
Ion Ratio Lower Upper
248 100
250 198.7 76.2 114.4#
141 562.4 66.2 99.4#

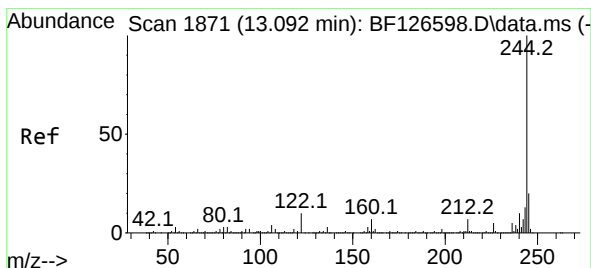
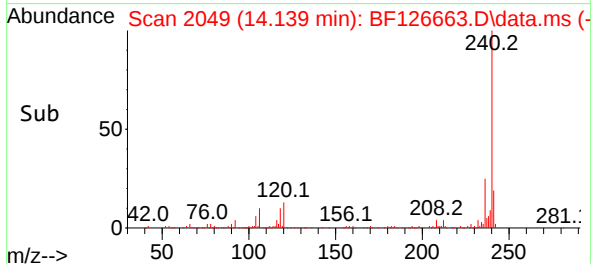
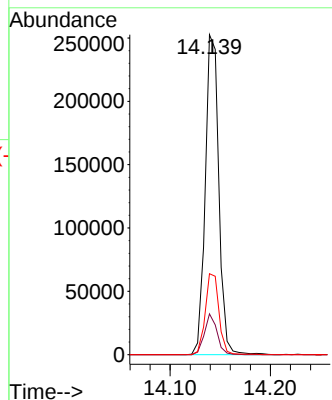
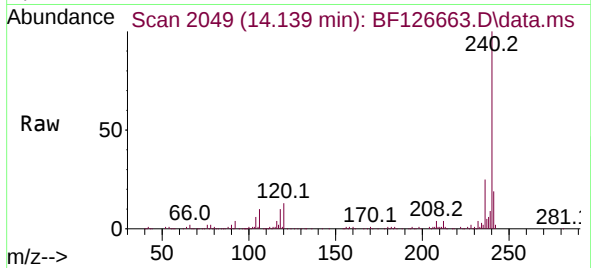




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

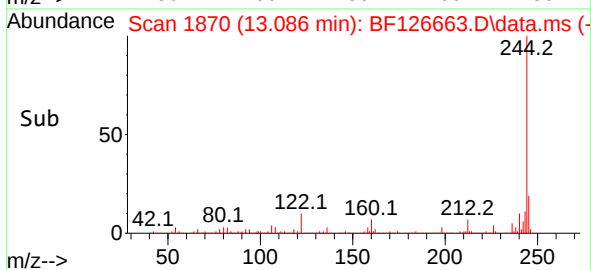
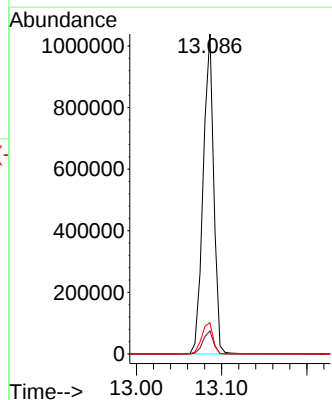
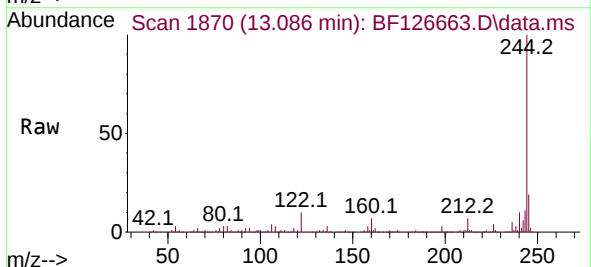
Instrument :
BNA_F
ClientSampleId :
SB-1(4-4.5)

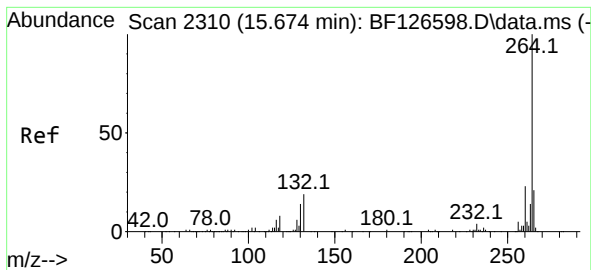
Tgt Ion:240 Resp: 238788
Ion Ratio Lower Upper
240 100
120 12.8 14.4 21.6#
236 25.3 20.5 30.7



#79
Terphenyl-d14
Concen: 62.812 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

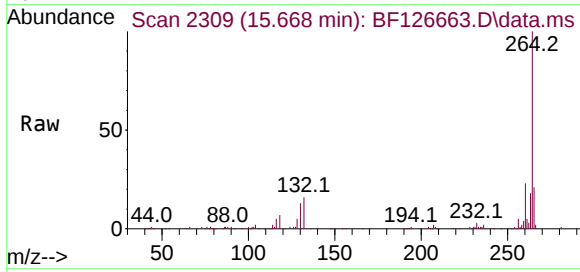
Tgt Ion:244 Resp: 894245
Ion Ratio Lower Upper
244 100
212 7.2 5.0 7.4
122 9.8 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126663.D
Acq: 25 Jan 2022 15:09

Instrument :
BNA_F
ClientSampleId :
SB-1(4-4.5)



Tgt Ion:264 Resp: 219434

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	17.4	26.2

