

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126722.D
 Acq On : 28 Jan 2022 17:58
 Operator : CG/JU
 Sample : N1309-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STATE-ST-SP

Quant Time: Jan 29 02:28:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

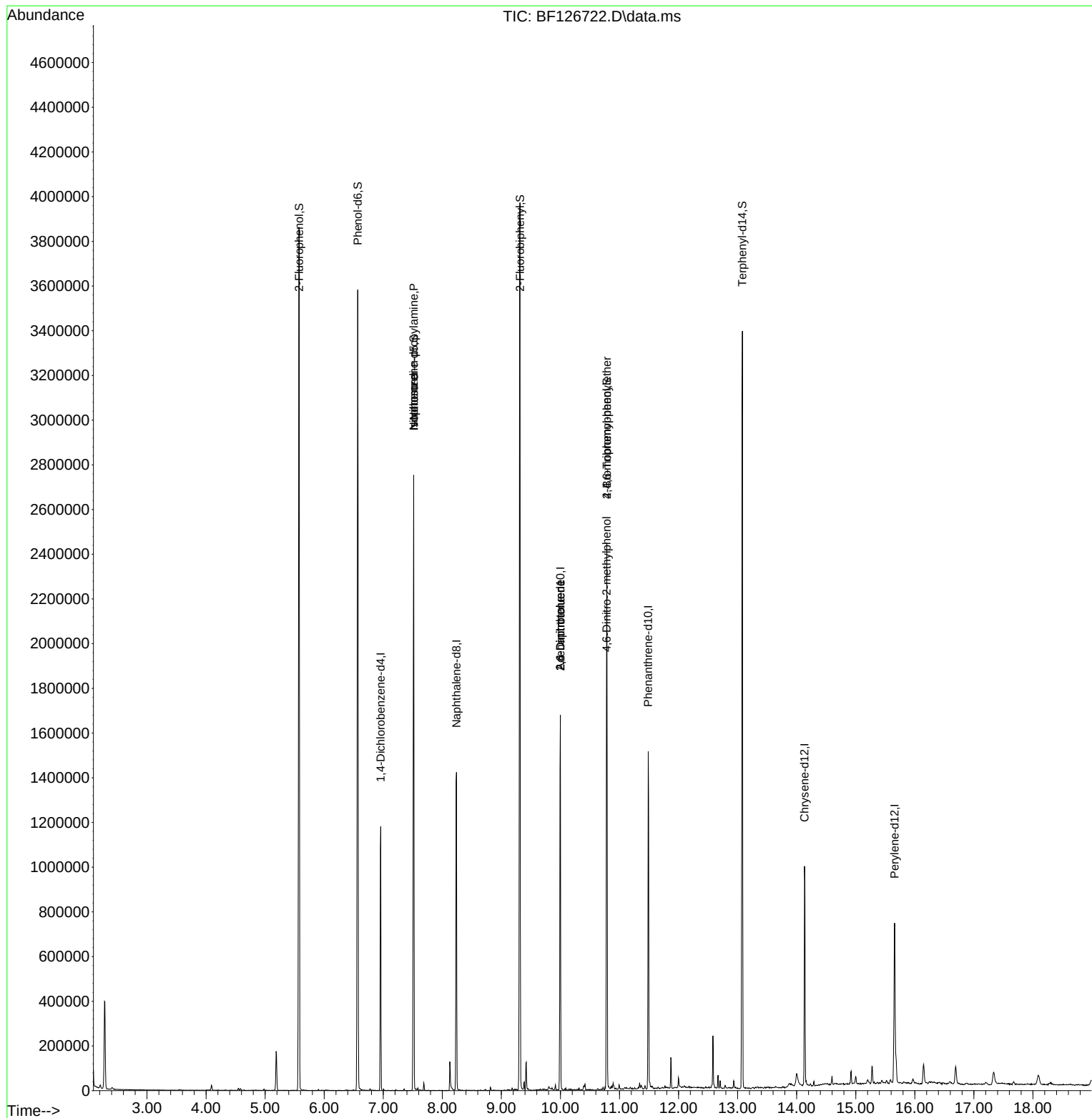
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	159118	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	617695	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	321345	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	512974	20.000	ng	0.00
76) Chrysene-d12	14.133	240	325580	20.000	ng	-0.01
86) Perylene-d12	15.656	264	320890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1028078	85.022	ng	0.00
7) Phenol-d6	6.569	99	1409415	83.892	ng	0.00
23) Nitrobenzene-d5	7.516	82	966757	61.260	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	253793	84.393	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1241431	59.165	ng	0.00
79) Terphenyl-d14	13.080	244	1115368	57.459	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	108	Below Cal	#	33
19) n-Nitroso-di-n-propyla...	7.516	70	125987	10.275	ng	# 68
25) Isophorone	7.516	82	961401	31.413	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	40696	10.333	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	40696	8.527	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.780	198	518	7.550	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	16454	2.783	ng	# 1

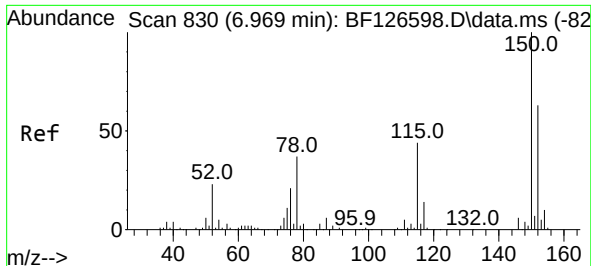
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
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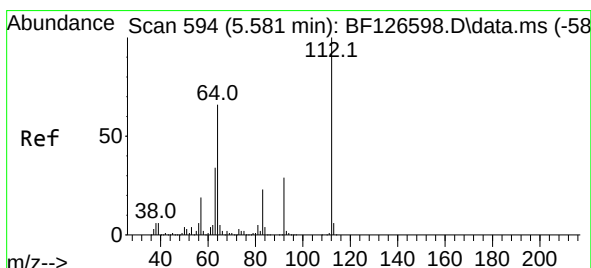
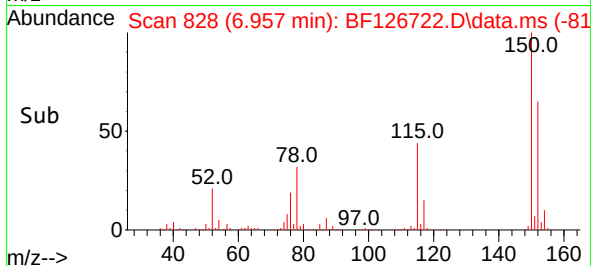
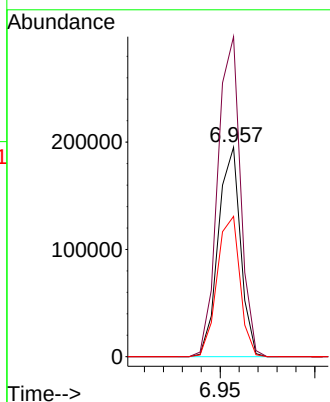
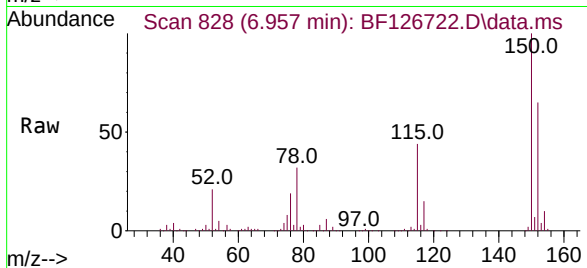




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126722.D
Acq: 28 Jan 2022 17:58

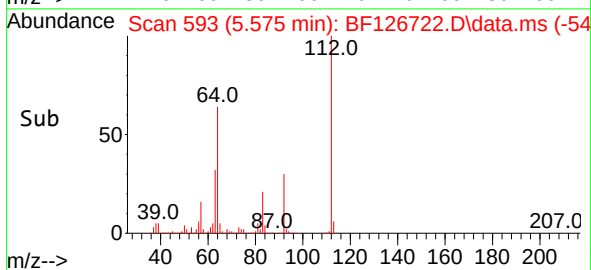
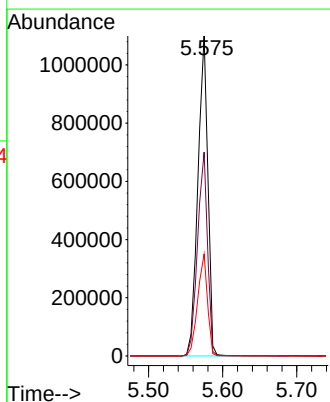
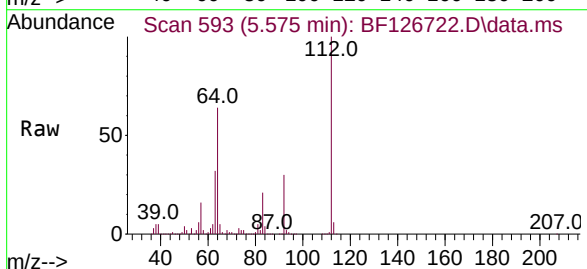
Instrument :
BNA_F
ClientSampleId :
STATE-ST-SP

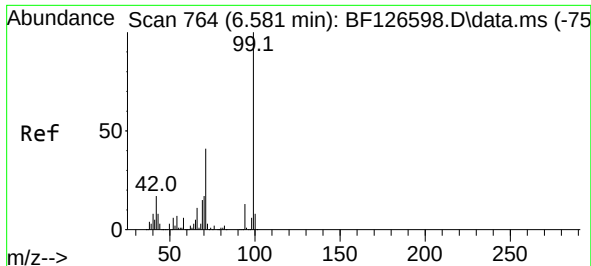
Tgt Ion:152 Resp: 159118
Ion Ratio Lower Upper
152 100
150 152.8 128.1 192.1
115 67.0 56.7 85.1



#5
2-Fluorophenol
Concen: 85.022 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF126722.D
Acq: 28 Jan 2022 17:58

Tgt Ion:112 Resp: 1028078
Ion Ratio Lower Upper
112 100
64 63.7 49.5 74.3
63 31.9 23.9 35.9

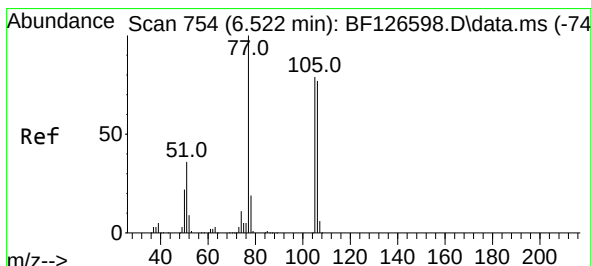
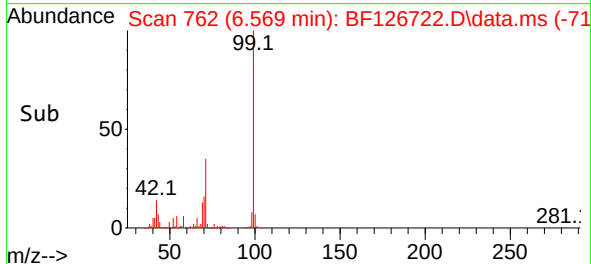
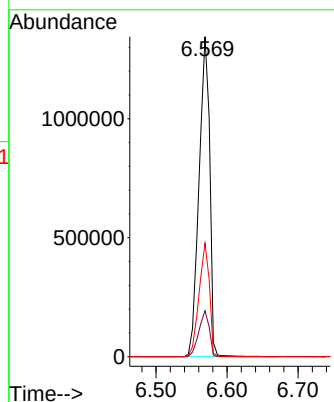
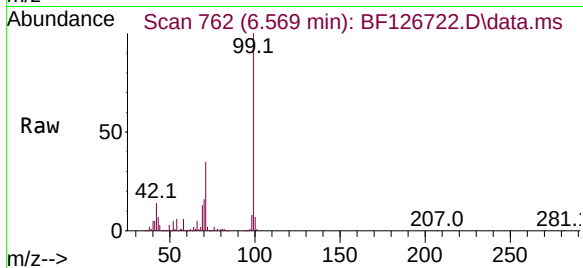




#7
Phenol-d6
Concen: 83.892 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF126722.D
Acq: 28 Jan 2022 17:58

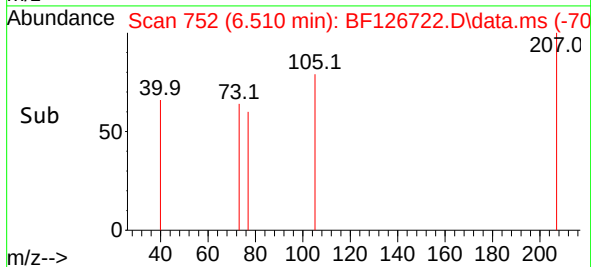
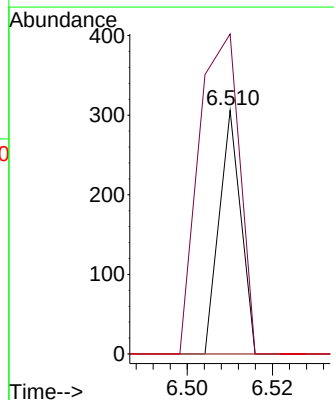
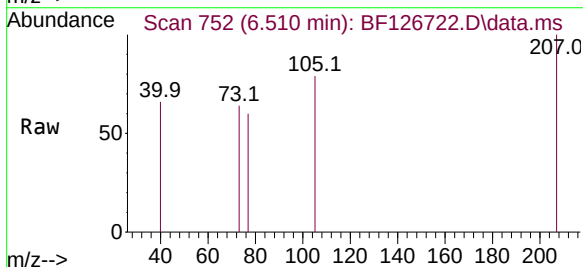
Instrument :
BNA_F
ClientSampleId :
STATE-ST-SP

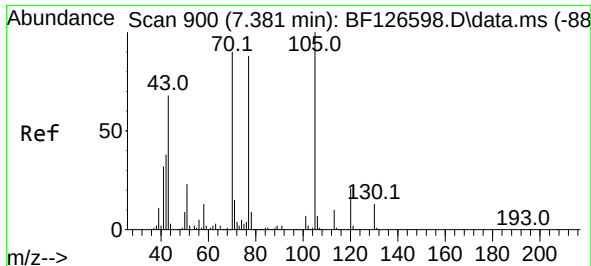
Tgt Ion: 99 Resp: 1409415
Ion Ratio Lower Upper
99 100
42 14.3 14.2 21.4
71 35.5 24.3 36.5



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF126722.D
Acq: 28 Jan 2022 17:58

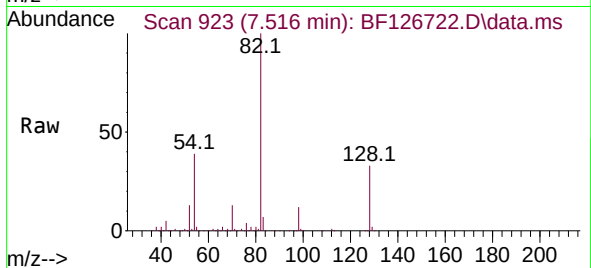
Tgt Ion: 77 Resp: 108
Ion Ratio Lower Upper
77 100
105 131.4 74.9 114.9#
106 0.0 72.4 112.4#



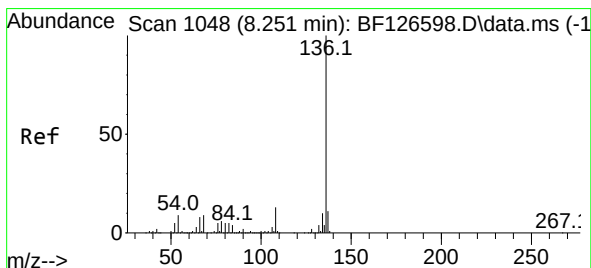
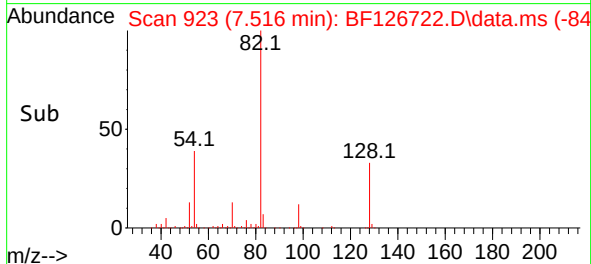
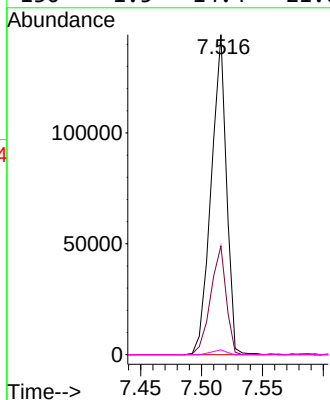


#19
n-Nitroso-di-n-propylamine
Concen: 10.275 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126722.D
Acq: 28 Jan 2022 17:58

Instrument :
BNA_F
ClientSampleId :
STATE-ST-SP

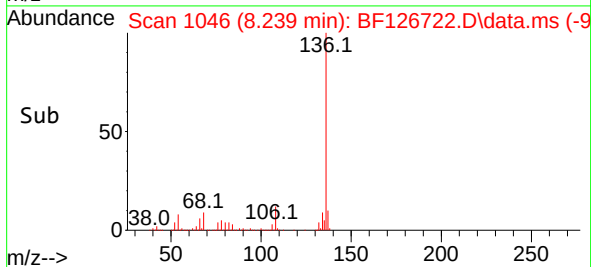
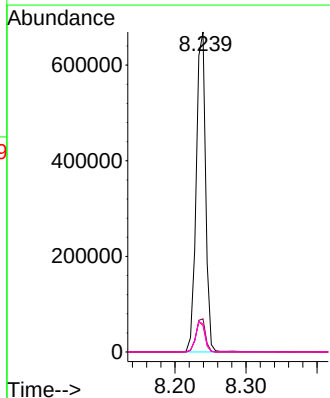
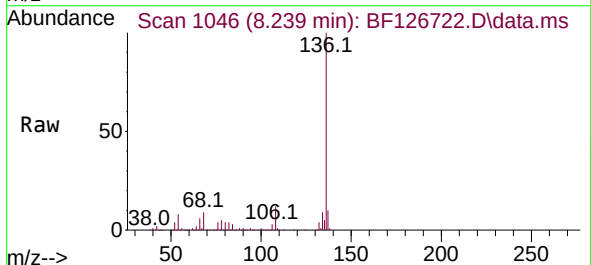


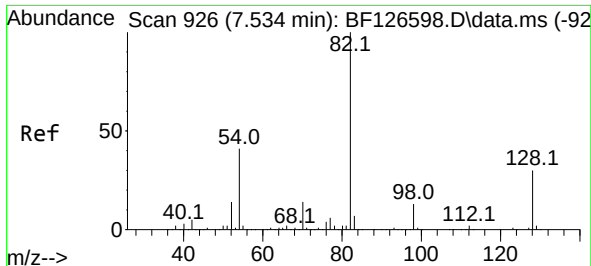
Tgt Ion: 70 Resp: 125987
Ion Ratio Lower Upper
70 100
42 33.9 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126722.D
Acq: 28 Jan 2022 17:58

Tgt Ion: 136 Resp: 617695
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.2 7.8 11.6
68 8.8 6.3 9.5

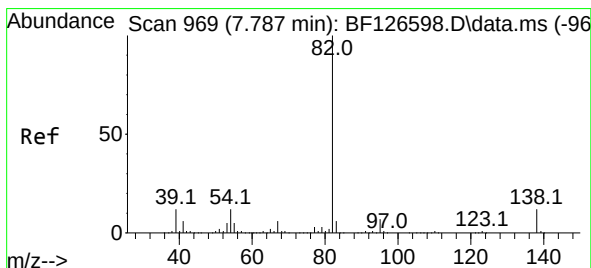
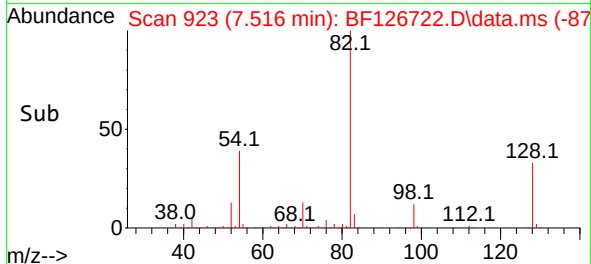
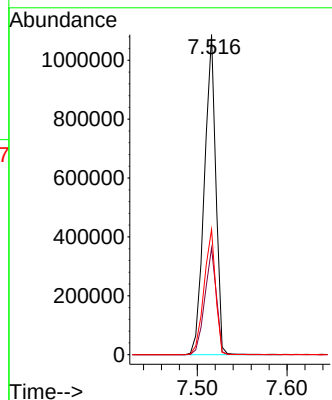
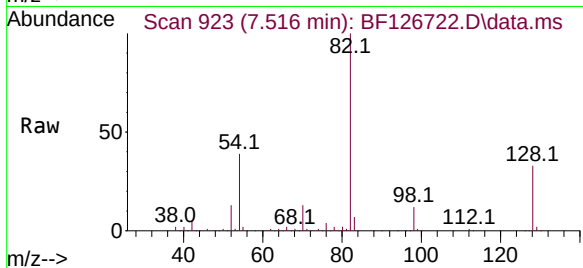




#23
Nitrobenzene-d5
Concen: 61.260 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126722.D
Acq: 28 Jan 2022 17:58

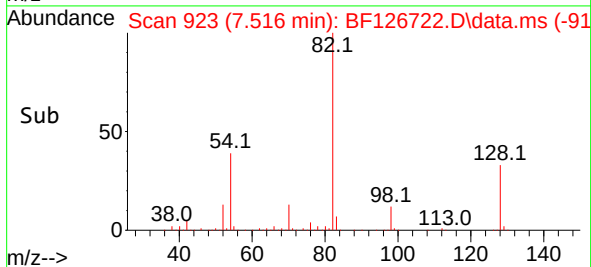
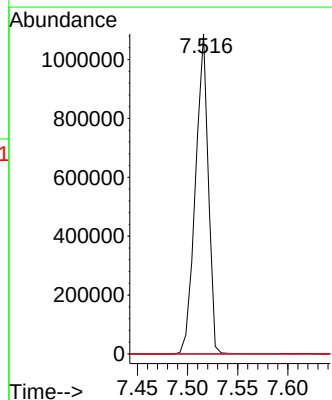
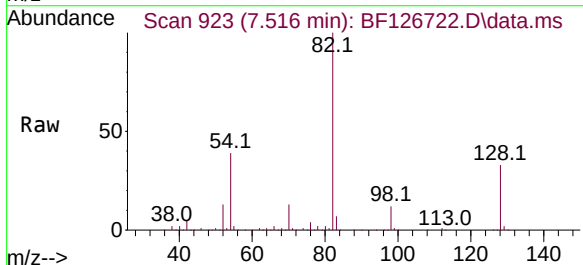
Instrument :
BNA_F
ClientSampleId :
STATE-ST-SP

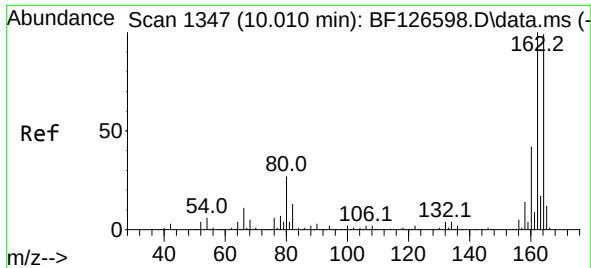
Tgt Ion: 82 Resp: 966757
Ion Ratio Lower Upper
82 100
128 33.3 32.7 49.1
54 39.1 41.7 62.5#



#25
Isophorone
Concen: 31.413 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF126722.D
Acq: 28 Jan 2022 17:58

Tgt Ion: 82 Resp: 961401
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

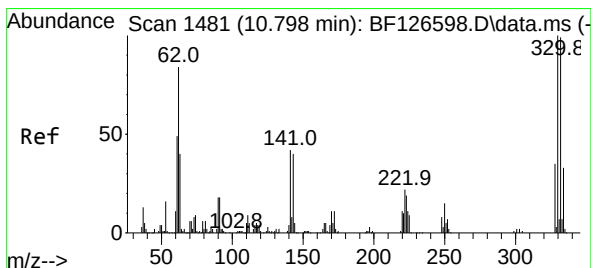
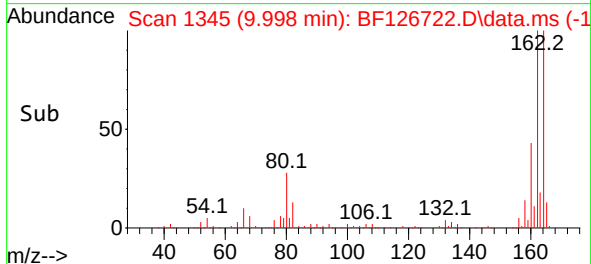
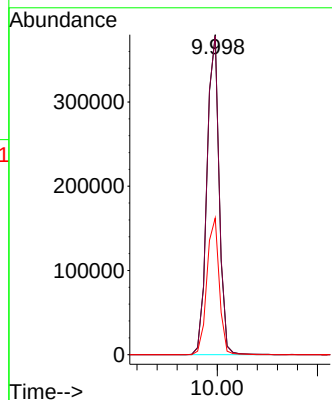
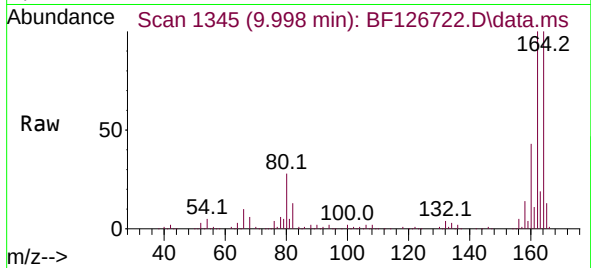




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126722.D
Acq: 28 Jan 2022 17:58

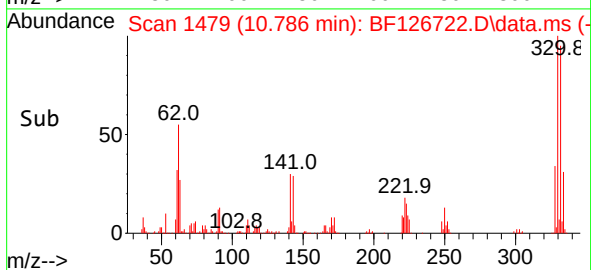
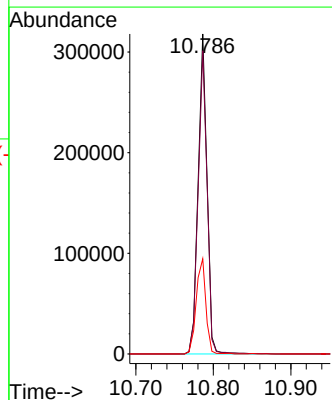
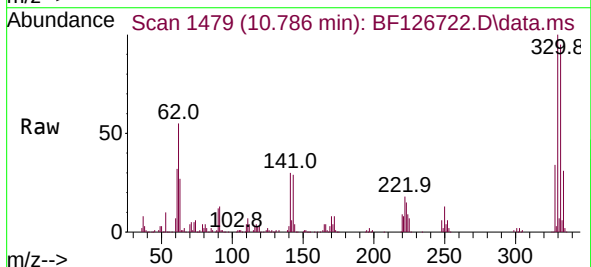
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ClientSampleId :
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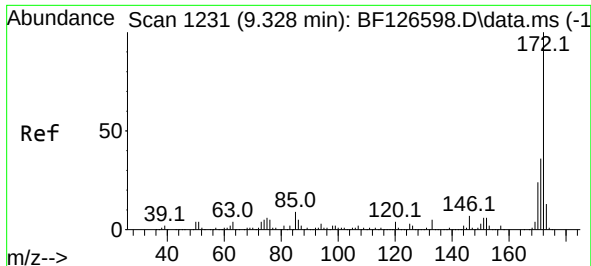
Tgt Ion:164 Resp: 321345
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 42.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 84.393 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126722.D
Acq: 28 Jan 2022 17:58

Tgt Ion:330 Resp: 253793
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 32.1 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 59.165 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126722.D

Acq: 28 Jan 2022 17:58

Instrument :

BNA_F

ClientSampleId :

STATE-ST-SP

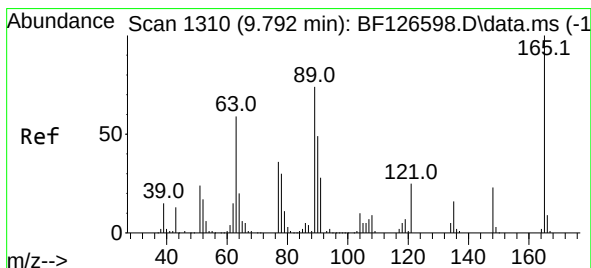
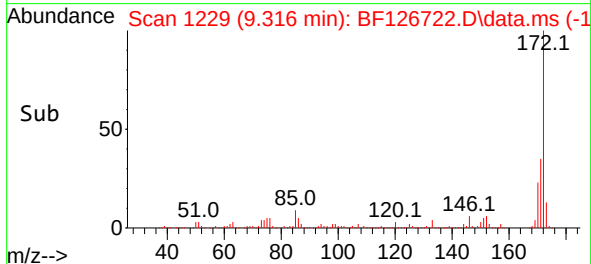
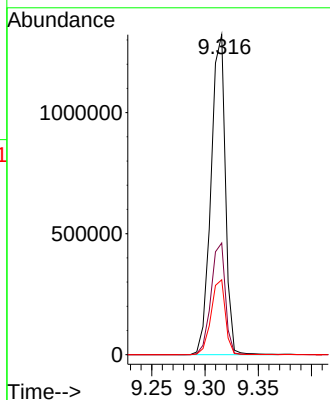
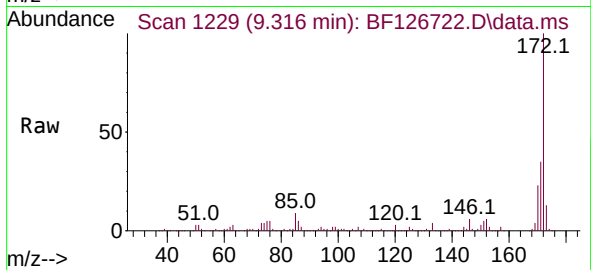
Tgt Ion:172 Resp: 1241431

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.4 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.333 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126722.D

Acq: 28 Jan 2022 17:58

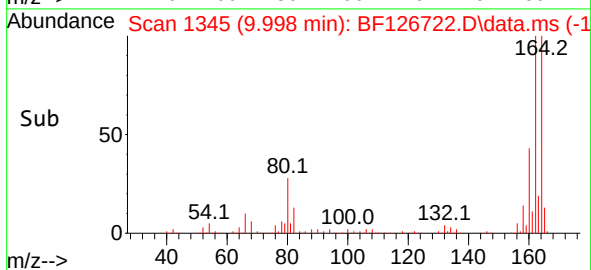
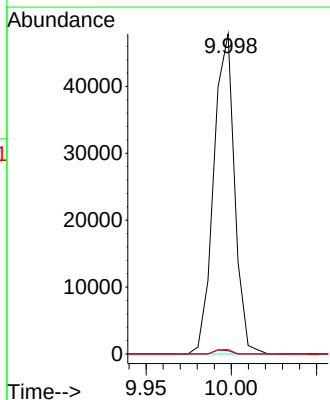
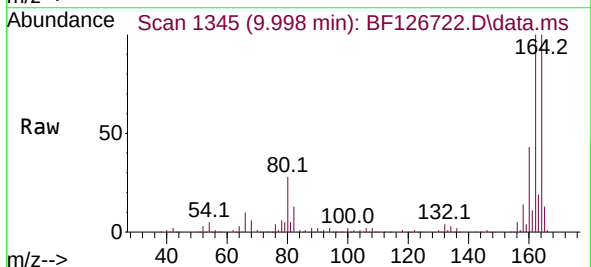
Tgt Ion:165 Resp: 40696

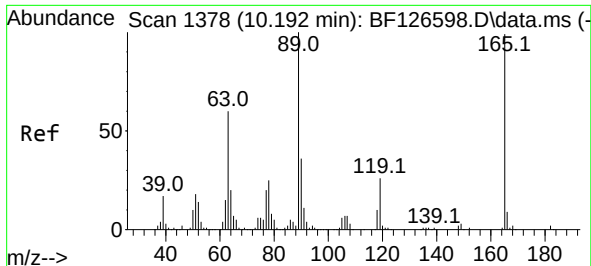
Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.4 50.5 75.7#

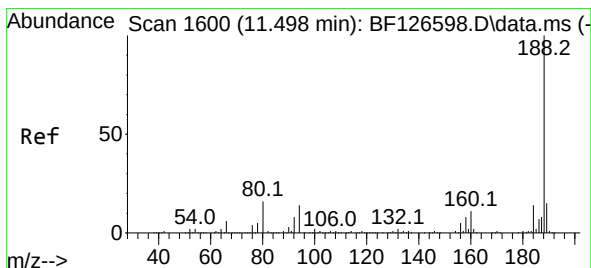
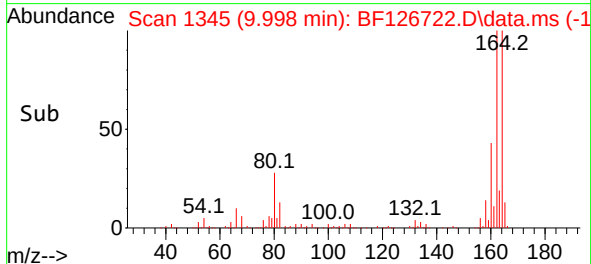
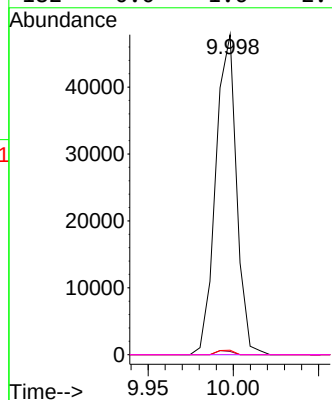
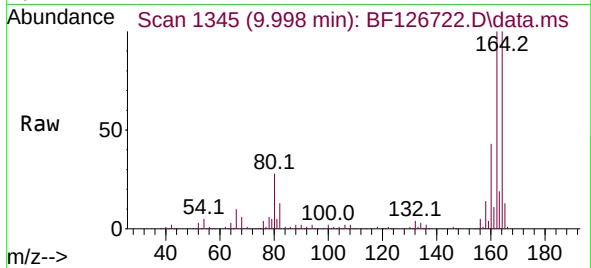




#57
2,4-Dinitrotoluene
Concen: 8.527 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126722.D
Acq: 28 Jan 2022 17:58

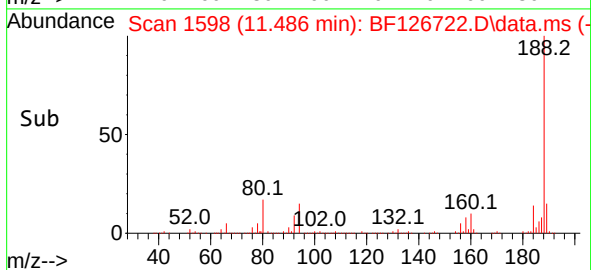
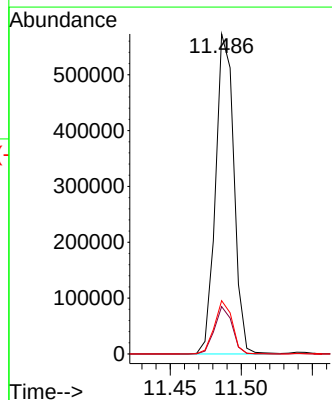
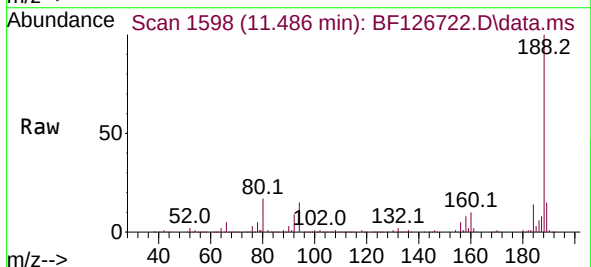
Instrument :
BNA_F
ClientSampleId :
STATE-ST-SP

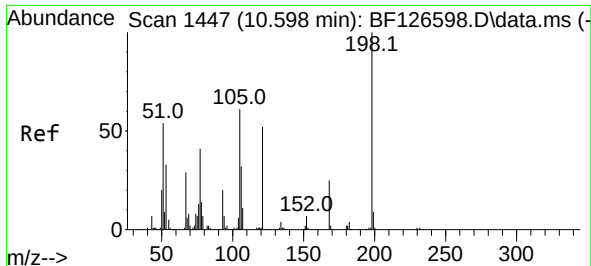
Tgt Ion:165 Resp: 40696
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126722.D
Acq: 28 Jan 2022 17:58

Tgt Ion:188 Resp: 512974
Ion Ratio Lower Upper
188 100
94 14.8 10.1 15.1
80 16.7 11.8 17.6

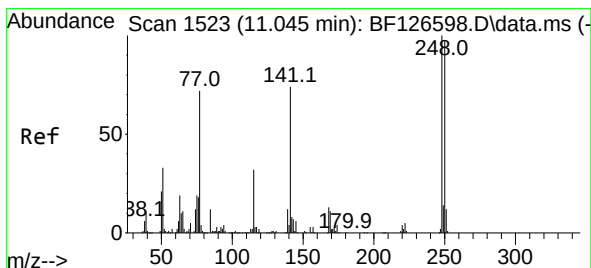
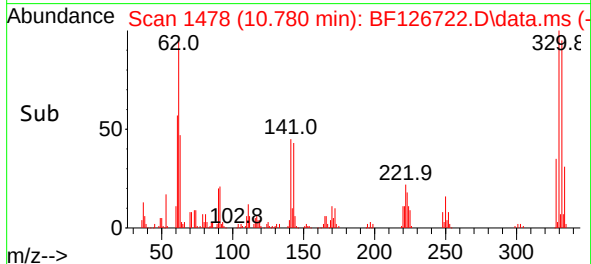
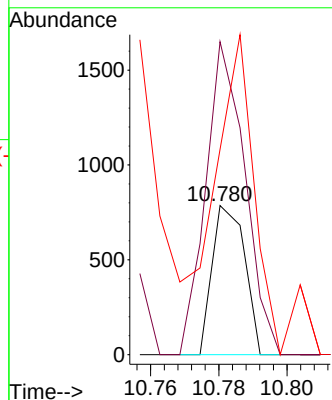
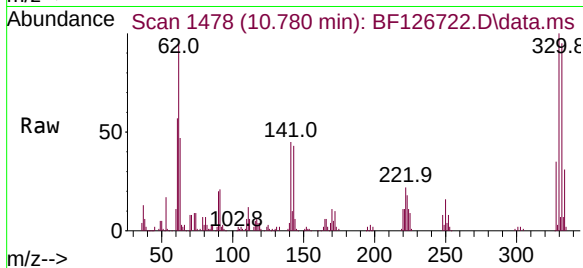




#65
4,6-Dinitro-2-methylphenol
Concen: 7.550 ng
RT: 10.780 min Scan# 1447
Delta R.T. 0.188 min
Lab File: BF126722.D
Acq: 28 Jan 2022 17:58

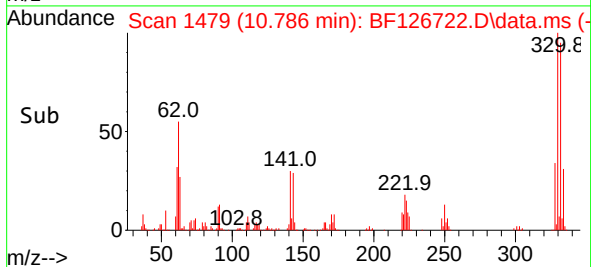
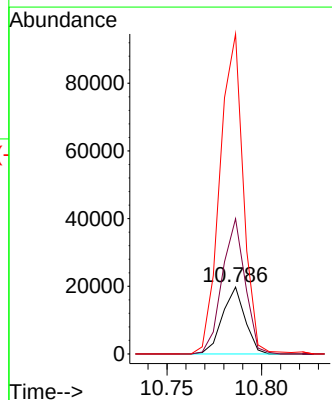
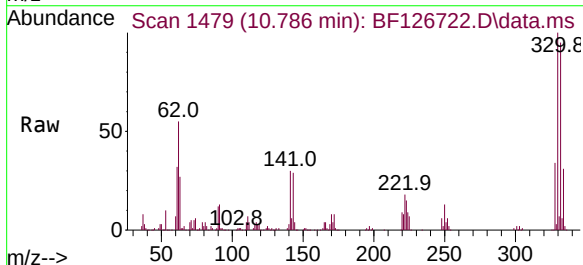
Instrument :
BNA_F
ClientSampleId :
STATE-ST-SP

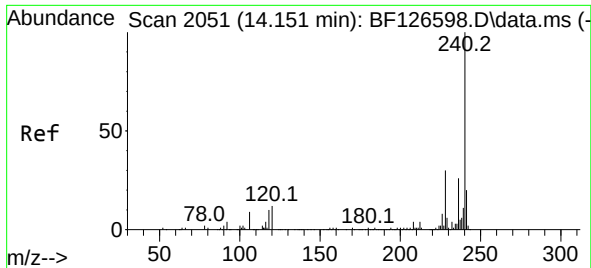
Tgt Ion:198 Resp: 518
Ion Ratio Lower Upper
198 100
51 209.9 32.0 72.0#
105 137.7 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 2.783 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126722.D
Acq: 28 Jan 2022 17:58

Tgt Ion:248 Resp: 16454
Ion Ratio Lower Upper
248 100
250 202.1 76.2 114.4#
141 478.1 66.2 99.4#

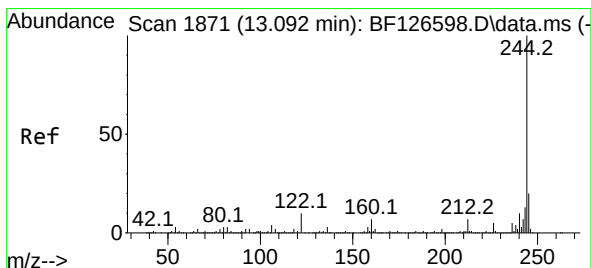
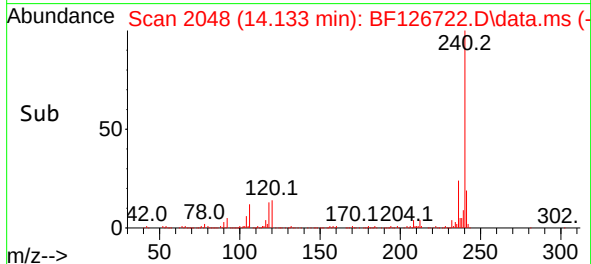
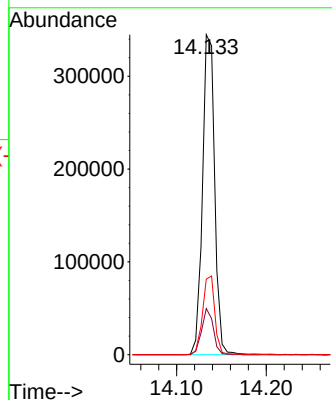
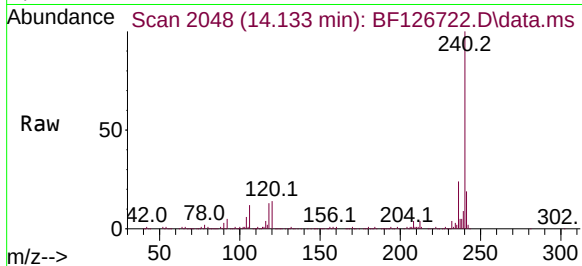




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126722.D
Acq: 28 Jan 2022 17:58

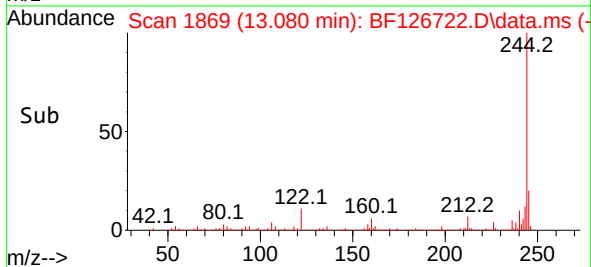
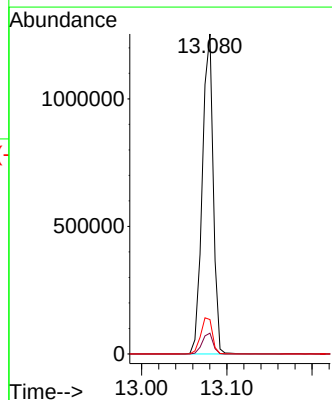
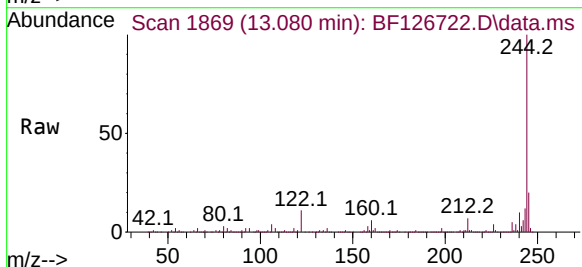
Instrument :
BNA_F
ClientSampleId :
STATE-ST-SP

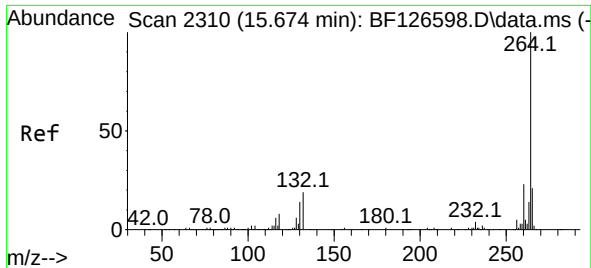
Tgt Ion:240 Resp: 325580
Ion Ratio Lower Upper
240 100
120 14.4 14.4 21.6
236 23.6 20.5 30.7



#79
Terphenyl-d14
Concen: 57.459 ng
RT: 13.080 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BF126722.D
Acq: 28 Jan 2022 17:58

Tgt Ion:244 Resp: 1115368
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 10.7 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.656 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126722.D
 Acq: 28 Jan 2022 17:58

Instrument :
 BNA_F
 ClientSampleId :
 STATE-ST-SP

Tgt Ion:264 Resp: 320890
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.3 17.4 26.2

