

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127730.D
 Acq On : 11 Apr 2022 10:57
 Operator : CG\JU
 Sample : PB144000BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144000BL

Quant Time: Apr 11 18:52:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

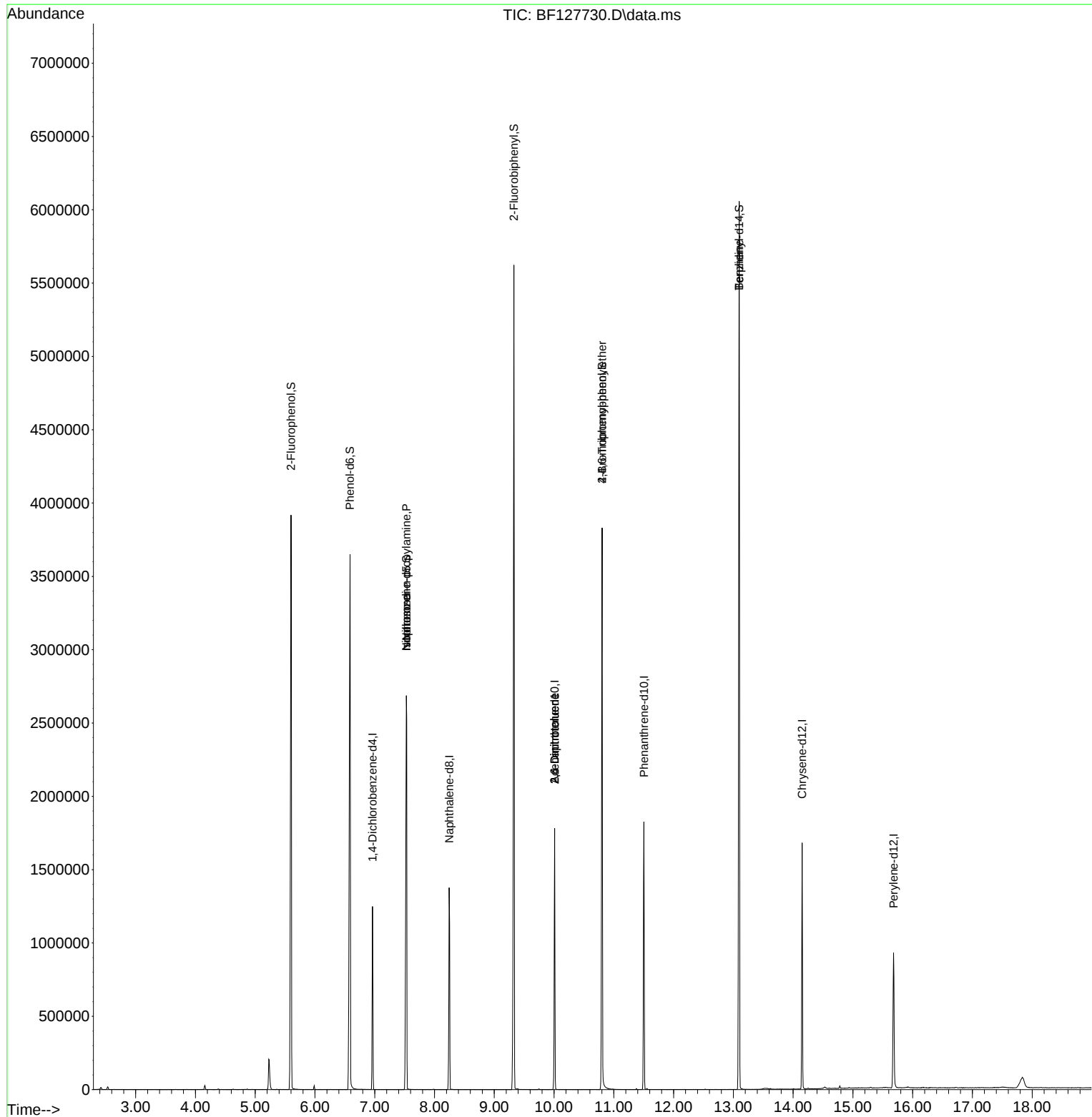
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	169087	20.000	ng	0.00
21) Naphthalene-d8	8.246	136	603078	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	346817	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	648261	20.000	ng	0.00
76) Chrysene-d12	14.151	240	561776	20.000	ng	0.00
86) Perylene-d12	15.680	264	468161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	1201983	115.509	ng	0.02
7) Phenol-d6	6.587	99	1524116	111.958	ng	0.00
23) Nitrobenzene-d5	7.528	82	1099073	81.247	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	481003	130.330	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1904928	77.702	ng	0.00
79) Terphenyl-d14	13.098	244	2380804	69.952	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.587	77	2926	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	147462	16.748	ng	# 76
25) Isophorone	7.528	82	1097526	46.496	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	44122	9.311	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	44122	7.510	ng	# 13
67) 4-Bromophenyl-phenylether	10.804	248	31296	3.978	ng	# 1
77) Benzidine	13.098	184	34519	2.354	ng	# 93

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

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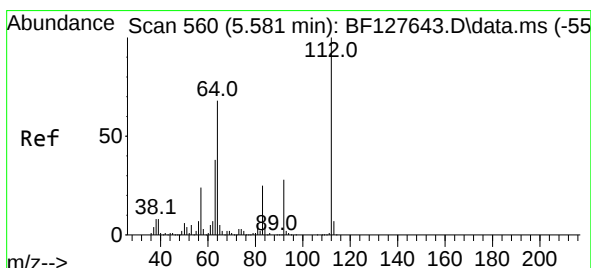
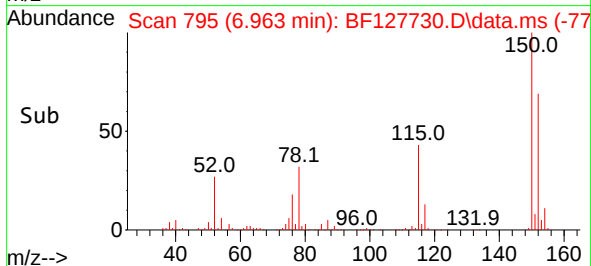
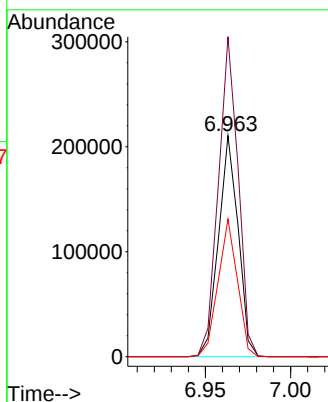
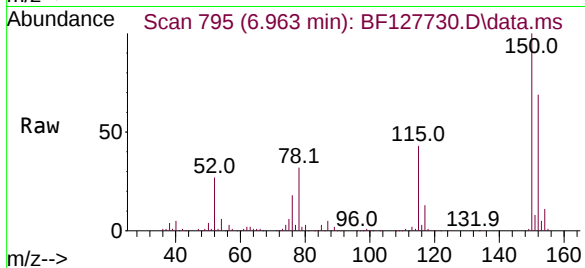




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127730.D
Acq: 11 Apr 2022 10:57

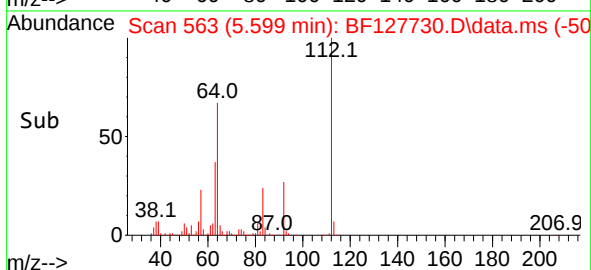
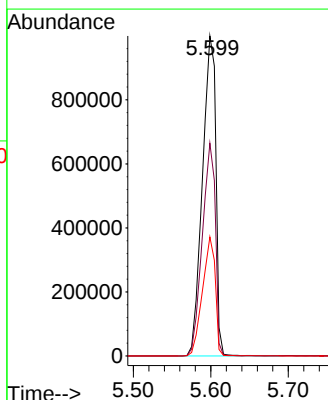
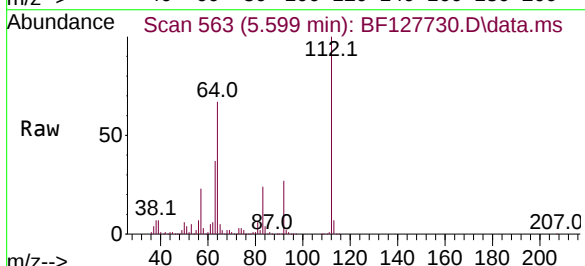
Instrument :
BNA_F
ClientSampleId :
PB144000BL

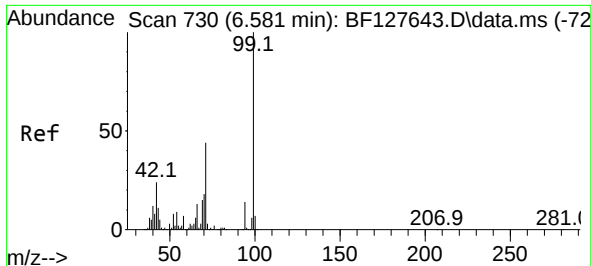
Tgt Ion:152 Resp: 169087
Ion Ratio Lower Upper
152 100
150 144.7 117.2 175.8
115 62.2 49.8 74.6



#5
2-Fluorophenol
Concen: 115.509 ng
RT: 5.599 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF127730.D
Acq: 11 Apr 2022 10:57

Tgt Ion:112 Resp: 1201983
Ion Ratio Lower Upper
112 100
64 66.5 58.4 87.6
63 37.2 30.1 45.1



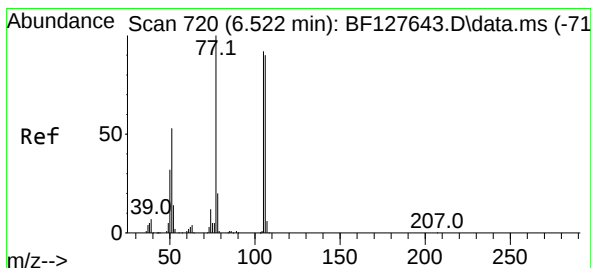
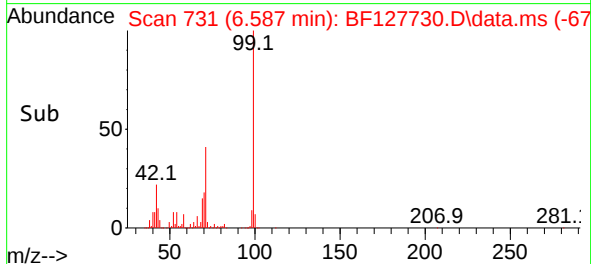
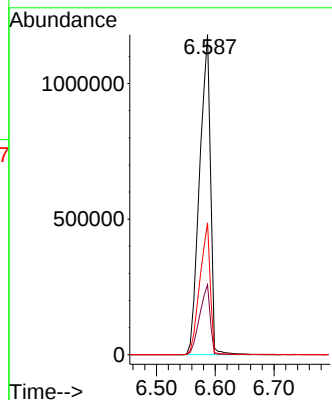
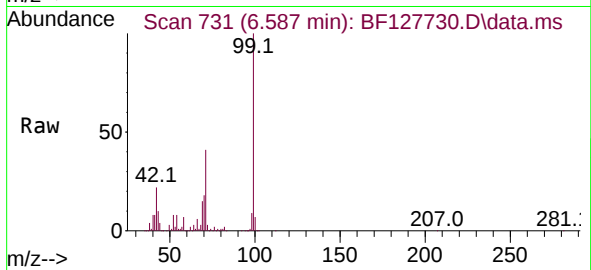


#7
Phenol-d6
Concen: 111.958 ng
RT: 6.587 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127730.D
Acq: 11 Apr 2022 10:57

Instrument :
BNA_F
ClientSampleId :
PB144000BL

Tgt Ion: 99 Resp: 1524116

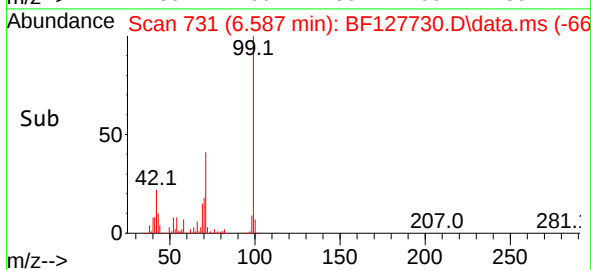
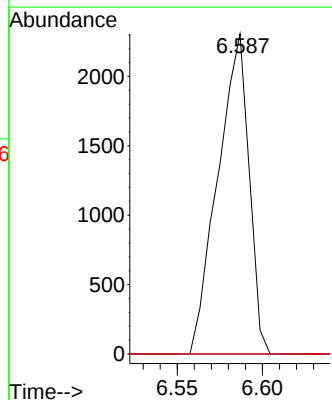
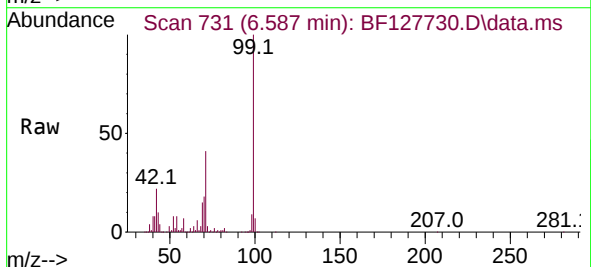
Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.8	26.6
71	41.2	29.6	44.4

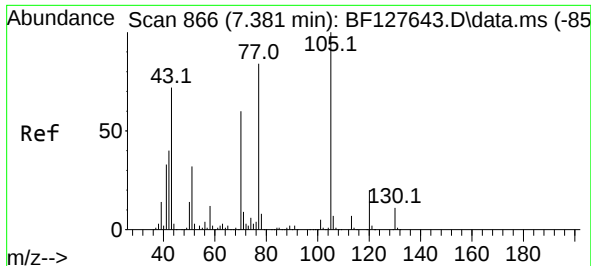


#9
Benzaldehyde
Concen: Below Cal
RT: 6.587 min Scan# 731
Delta R.T. 0.065 min
Lab File: BF127730.D
Acq: 11 Apr 2022 10:57

Tgt Ion: 77 Resp: 2926

Ion	Ratio	Lower	Upper
77	100		
105	0.0	66.8	106.8#
106	0.0	64.3	104.3#

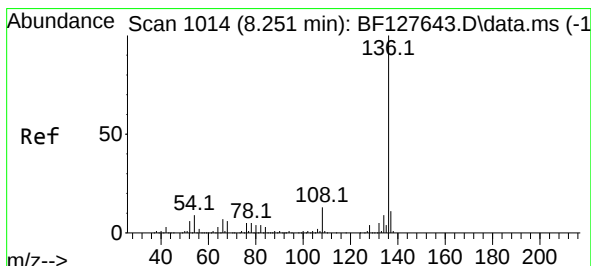
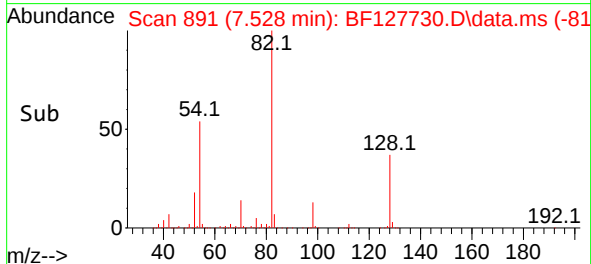
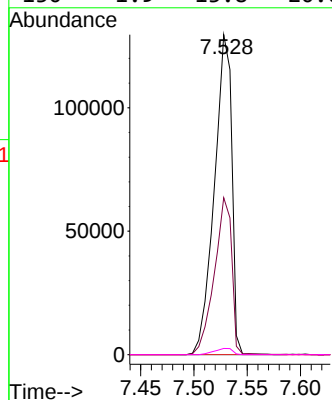
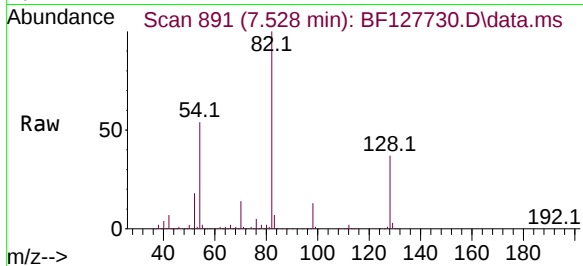




#19
n-Nitroso-di-n-propylamine
Concen: 16.748 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127730.D
Acq: 11 Apr 2022 10:57

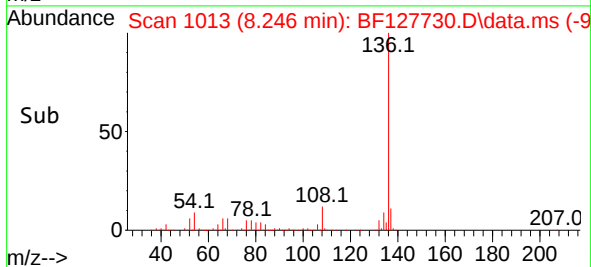
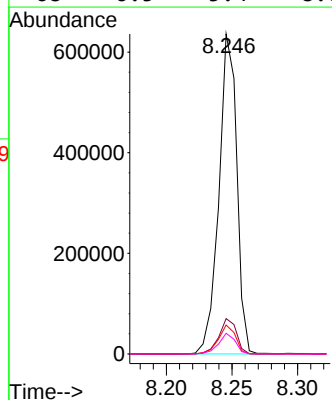
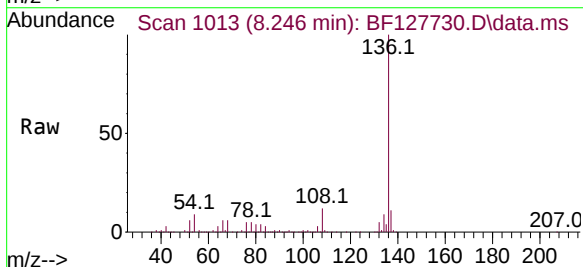
Instrument :
BNA_F
ClientSampleId :
PB144000BL

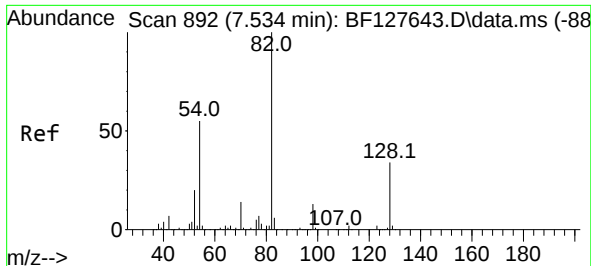
Tgt Ion: 70 Resp: 147462
Ion Ratio Lower Upper
70 100
42 49.0 53.0 79.6#
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.246 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127730.D
Acq: 11 Apr 2022 10:57

Tgt Ion: 136 Resp: 603078
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.1 9.2 13.8#
68 6.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 81.247 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127730.D

Acq: 11 Apr 2022 10:57

Instrument :

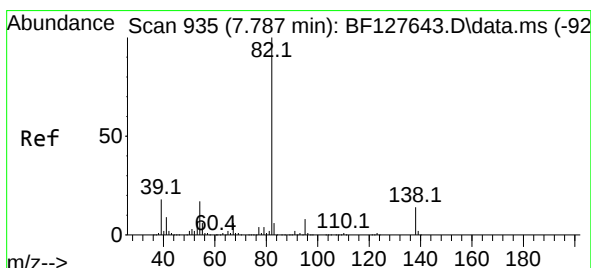
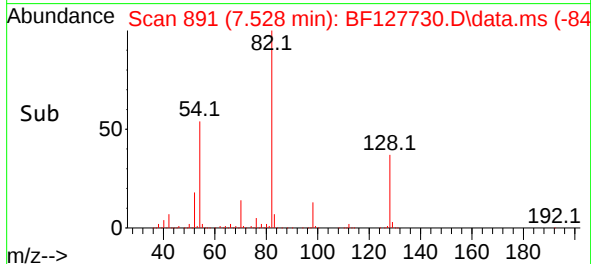
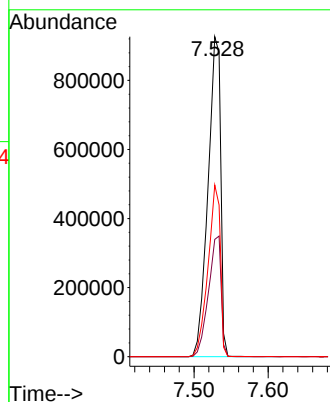
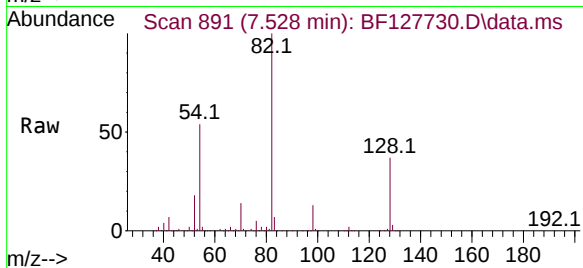
BNA_F

ClientSampleId :

PB144000BL

Tgt Ion: 82 Resp: 1099073

Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.6	45.8
54	53.7	48.2	72.2



#25

Isophorone

Concen: 46.496 ng

RT: 7.528 min Scan# 891

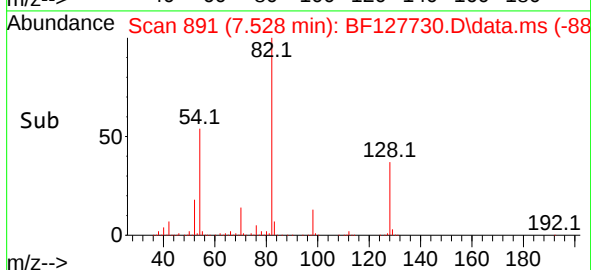
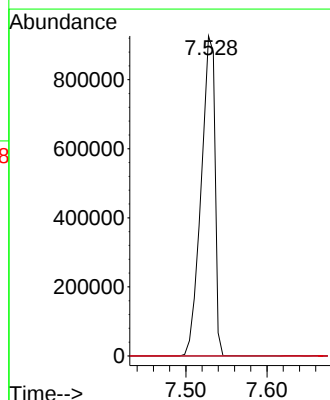
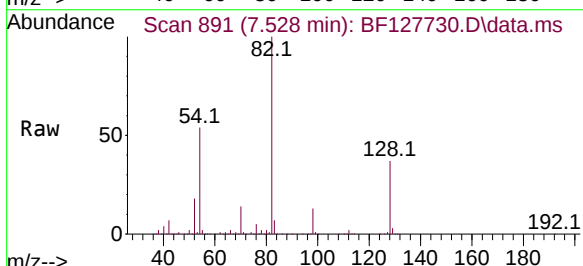
Delta R.T. -0.259 min

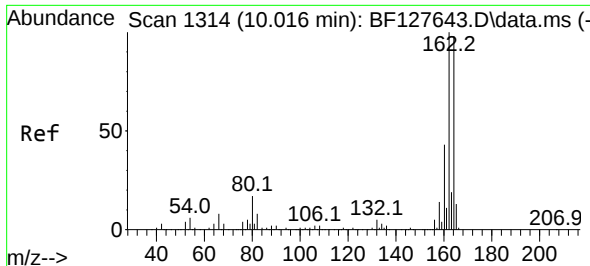
Lab File: BF127730.D

Acq: 11 Apr 2022 10:57

Tgt Ion: 82 Resp: 1097526

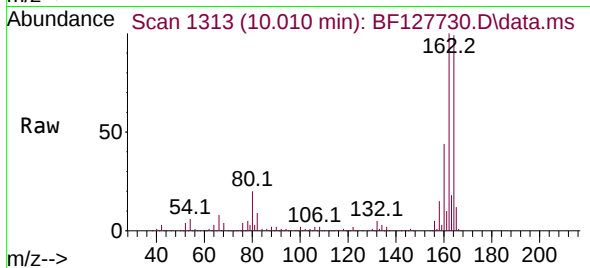
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	11.6	17.4#



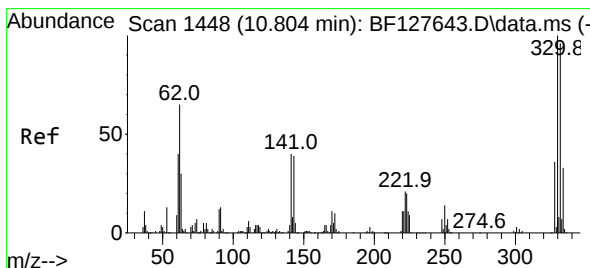
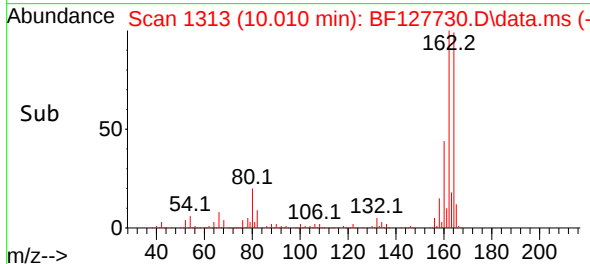
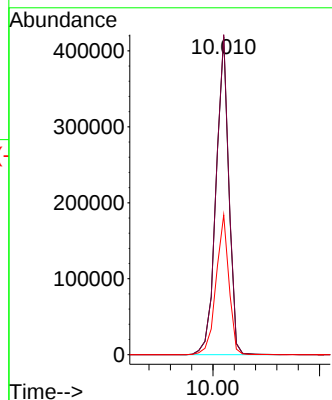


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127730.D
Acq: 11 Apr 2022 10:57

Instrument :
BNA_F
ClientSampleId :
PB144000BL

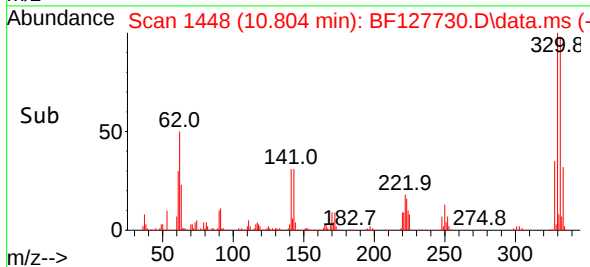
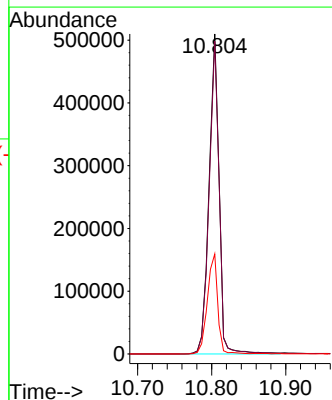
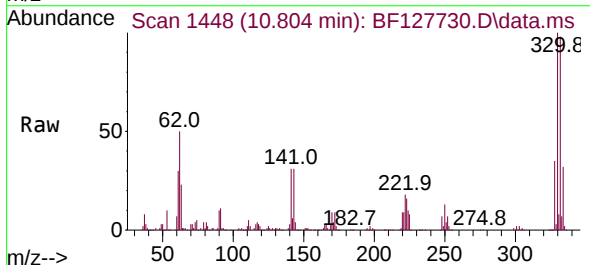


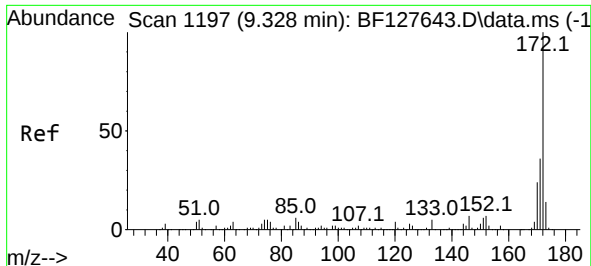
Tgt Ion:164 Resp: 346817
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 43.9 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 130.330 ng
RT: 10.804 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF127730.D
Acq: 11 Apr 2022 10:57

Tgt Ion:330 Resp: 481003
Ion Ratio Lower Upper
330 100
332 97.7 79.1 118.7
141 32.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 77.702 ng

RT: 9.328 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF127730.D

Acq: 11 Apr 2022 10:57

Instrument :

BNA_F

ClientSampleId :

PB144000BL

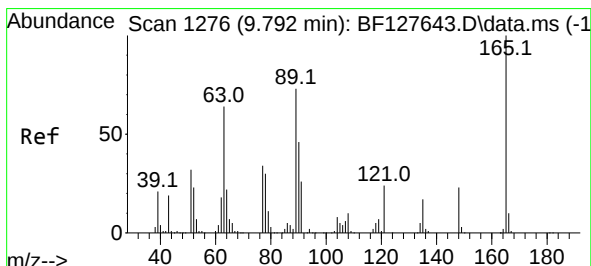
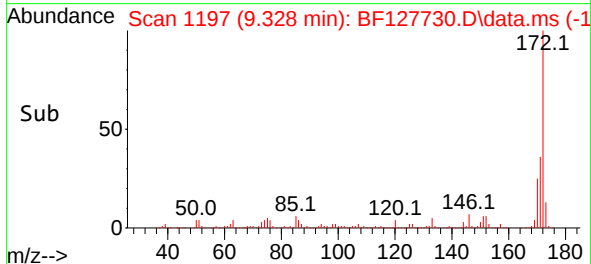
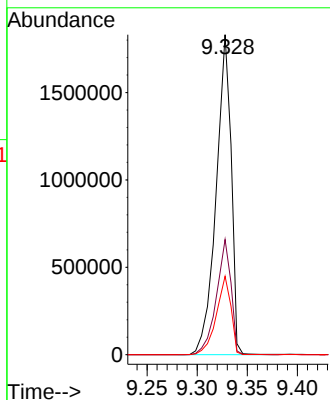
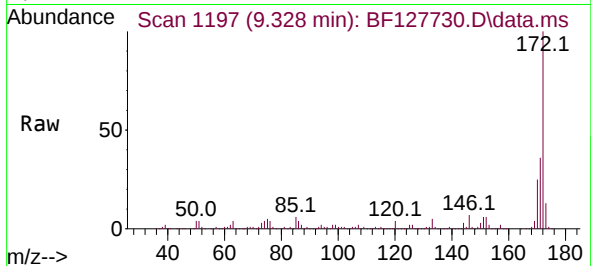
Tgt Ion:172 Resp: 1904928

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 24.5 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.311 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127730.D

Acq: 11 Apr 2022 10:57

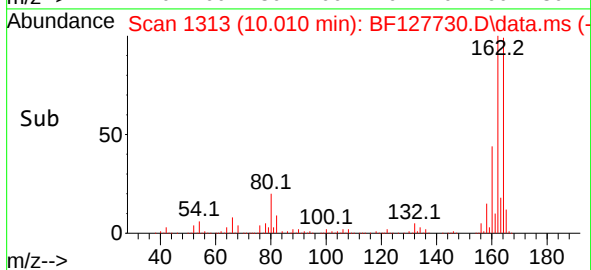
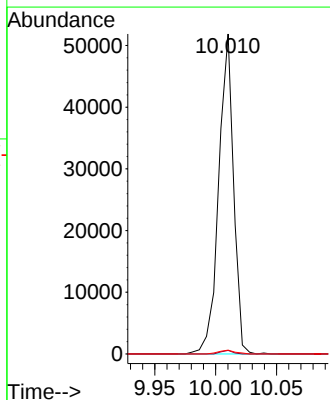
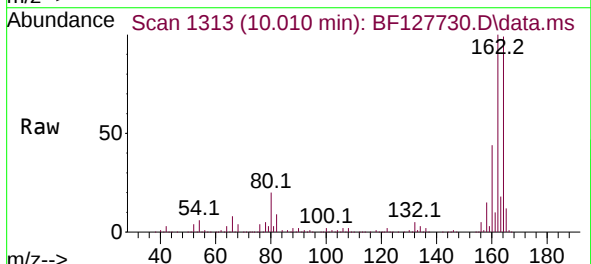
Tgt Ion:165 Resp: 44122

Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

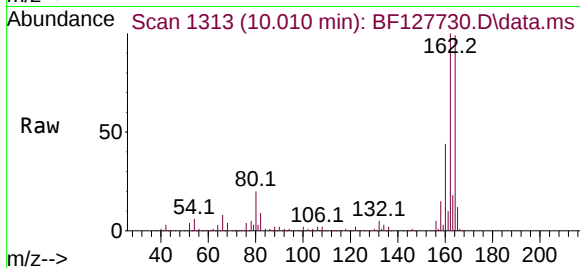
89 1.2 51.5 77.3#



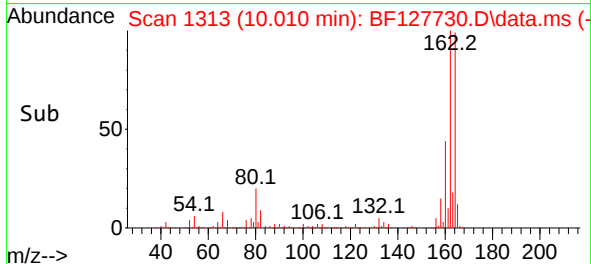
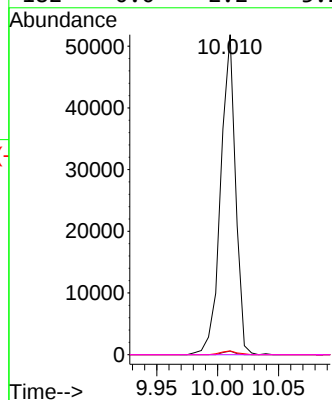


#57
2,4-Dinitrotoluene
Concen: 7.510 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127730.D
Acq: 11 Apr 2022 10:57

Instrument :
BNA_F
ClientSampleId :
PB144000BL

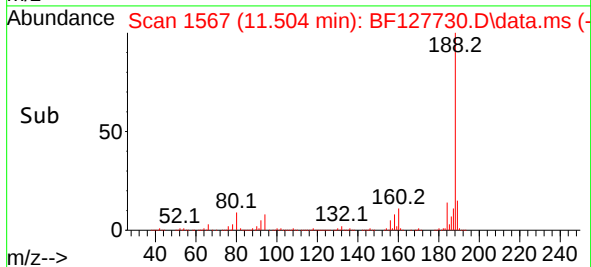
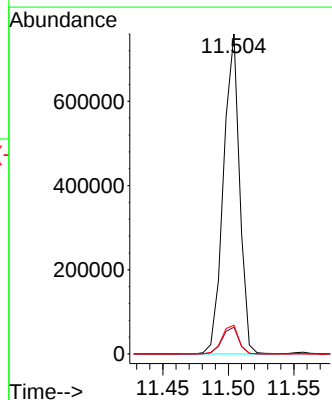
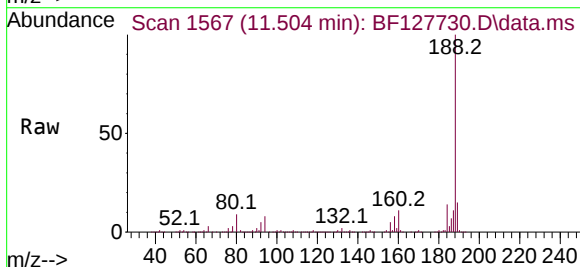


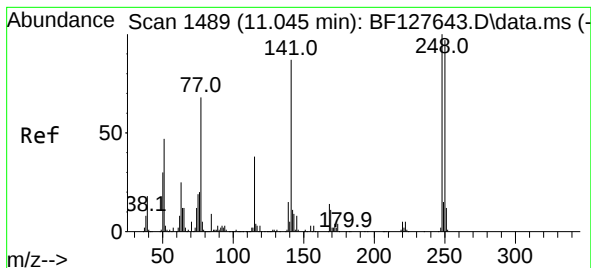
Tgt Ion:165 Resp: 44122
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF127730.D
Acq: 11 Apr 2022 10:57

Tgt Ion:188 Resp: 648261
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.0
80 9.0 8.0 12.0

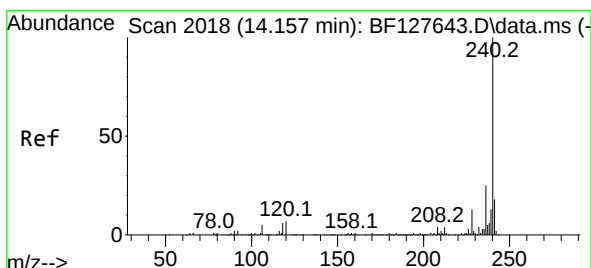
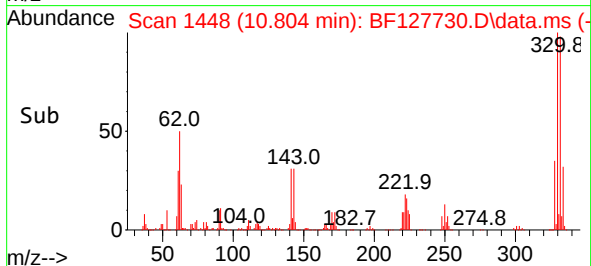
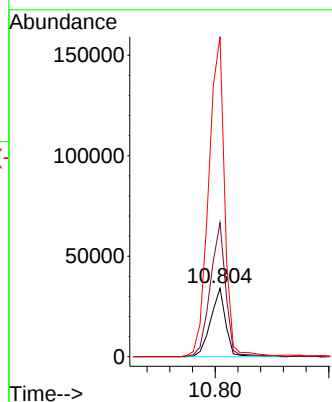
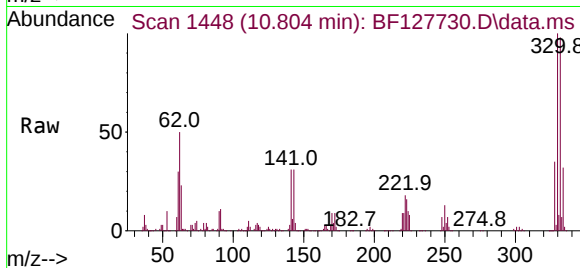




#67
4-Bromophenyl-phenylether
Concen: 3.978 ng
RT: 10.804 min Scan# 1489
Delta R.T. -0.241 min
Lab File: BF127730.D
Acq: 11 Apr 2022 10:57

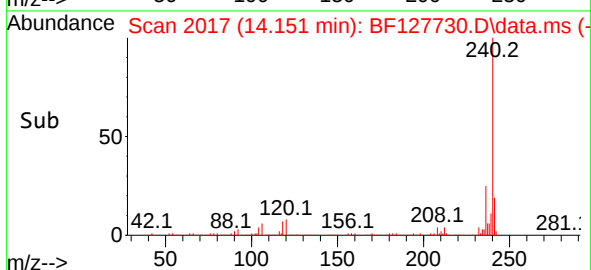
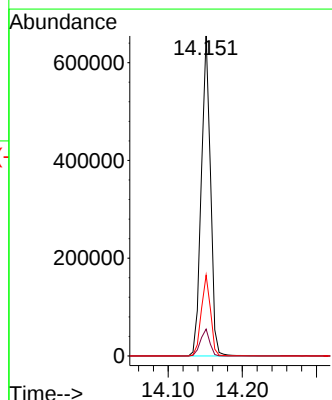
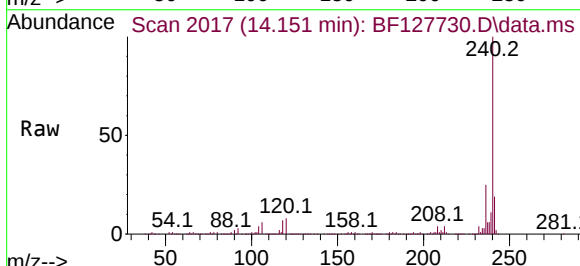
Instrument :
BNA_F
ClientSampleId :
PB144000BL

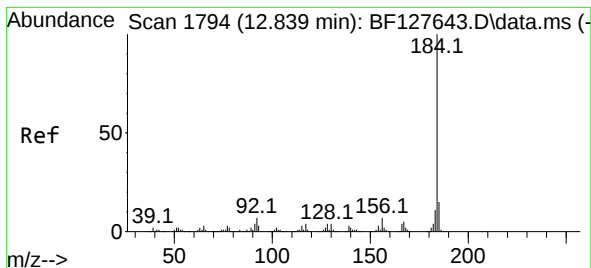
Tgt Ion:248 Resp: 31296
Ion Ratio Lower Upper
248 100
250 196.0 76.6 115.0#
141 468.1 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127730.D
Acq: 11 Apr 2022 10:57

Tgt Ion:240 Resp: 561776
Ion Ratio Lower Upper
240 100
120 8.4 7.1 10.7
236 25.3 20.7 31.1





#77

Benzidine

Concen: 2.354 ng

RT: 13.098 min Scan# 1838

Delta R.T. 0.259 min

Lab File: BF127730.D

Acq: 11 Apr 2022 10:57

Instrument :

BNA_F

ClientSampleId :

PB144000BL

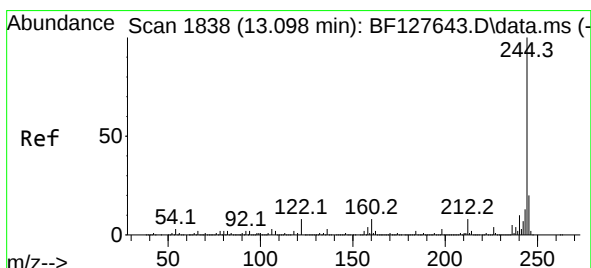
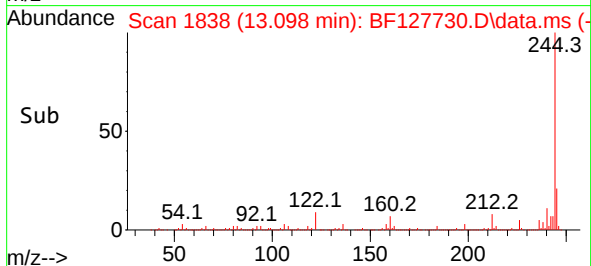
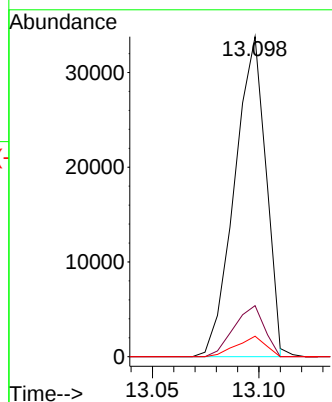
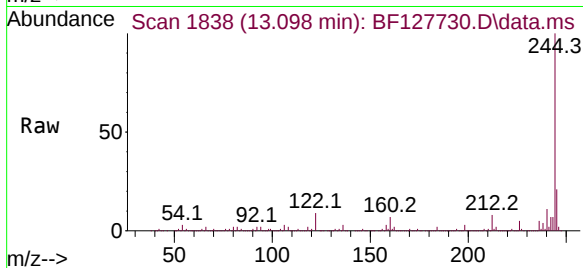
Tgt Ion:184 Resp: 34519

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

183 6.4 9.4 14.0#



#79

Terphenyl-d14

Concen: 69.952 ng

RT: 13.098 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF127730.D

Acq: 11 Apr 2022 10:57

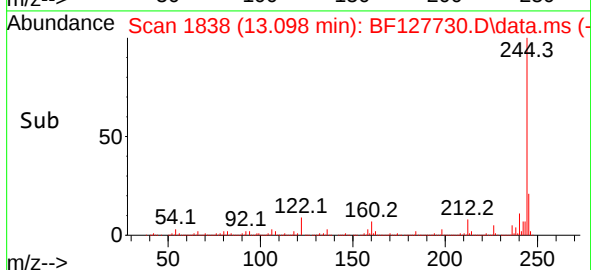
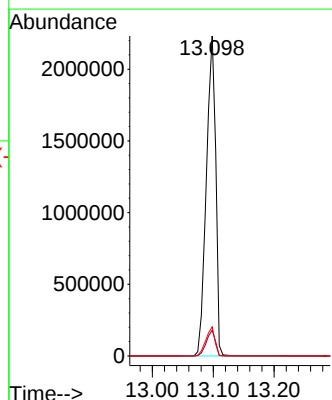
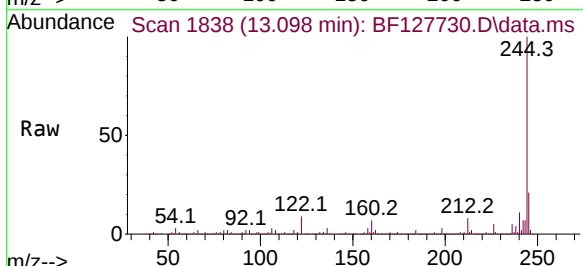
Tgt Ion:244 Resp: 2380804

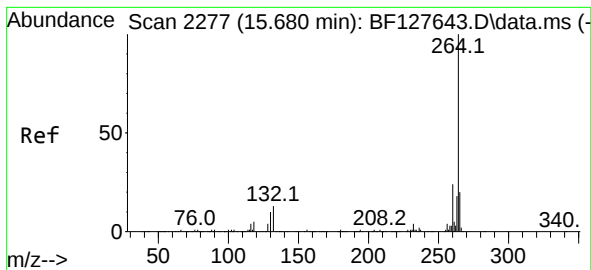
Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

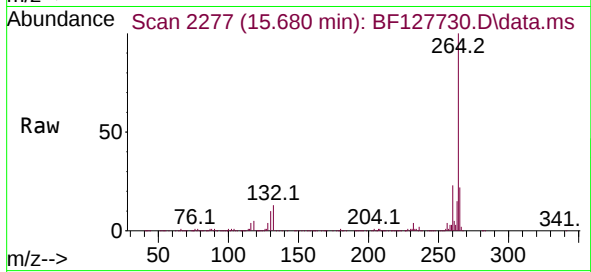
122 9.1 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127730.D
 Acq: 11 Apr 2022 10:57

Instrument :
 BNA_F
 ClientSampleId :
 PB144000BL



Tgt Ion:264 Resp: 468161
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.9 17.4 26.2

