

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127720.D
 Acq On : 08 Apr 2022 18:25
 Operator : CG\JU
 Sample : N2317-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-1

Quant Time: Apr 11 02:22:43 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)

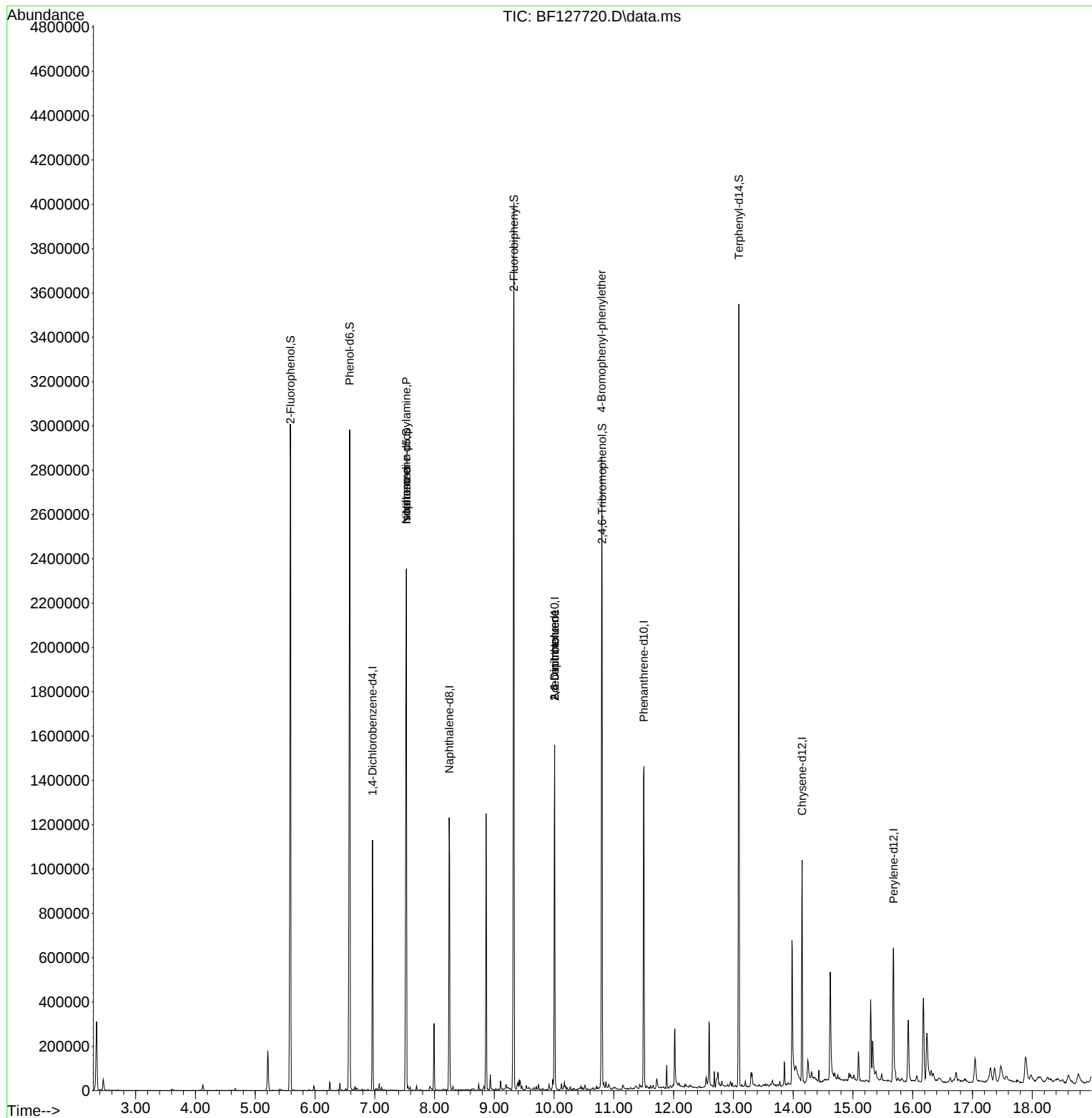
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	145528	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	529594	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	307772	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	546901	20.000	ng	0.00
76) Chrysene-d12	14.151	240	343910	20.000	ng	0.00
86) Perylene-d12	15.680	264	301494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	861897	96.236	ng	0.01
7) Phenol-d6	6.581	99	1120649	95.647	ng	0.00
23) Nitrobenzene-d5	7.528	82	796529	67.052	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	344933	105.318	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1281831	58.919	ng	0.00
79) Terphenyl-d14	13.092	244	1220623	58.584	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	966	Below Cal		83
19) n-Nitroso-di-n-propyla...	7.528	70	107631	14.203	ng	# 77
25) Isophorone	7.528	82	796519	38.426	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	39426	9.376	ng	# 16
57) 2,4-Dinitrotoluene	10.010	165	39426	7.562	ng	# 13
67) 4-Bromophenyl-phenylether	10.798	248	22085	3.327	ng	# 1

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

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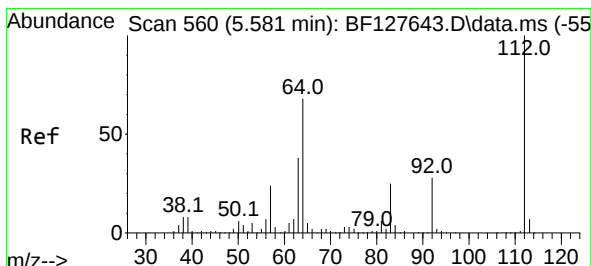
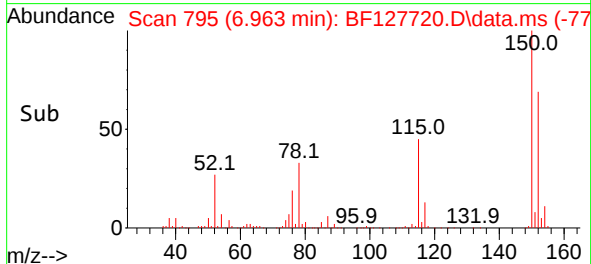
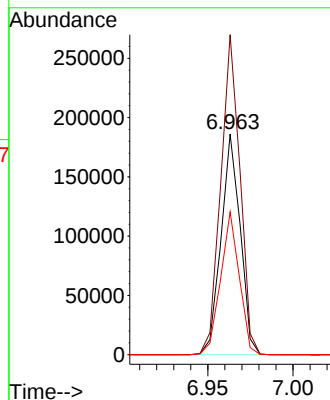
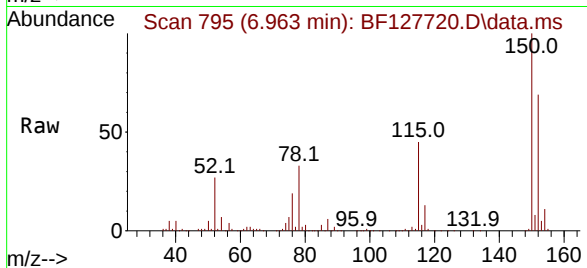




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127720.D
Acq: 08 Apr 2022 18:25

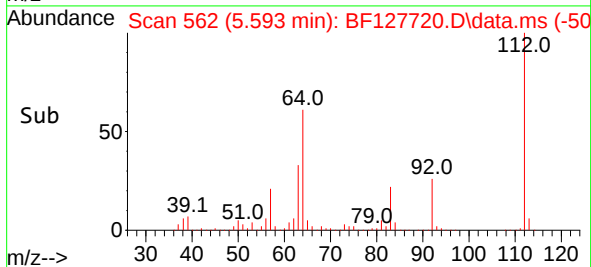
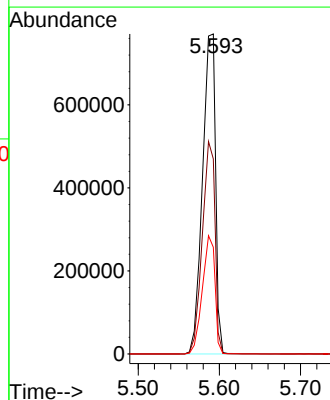
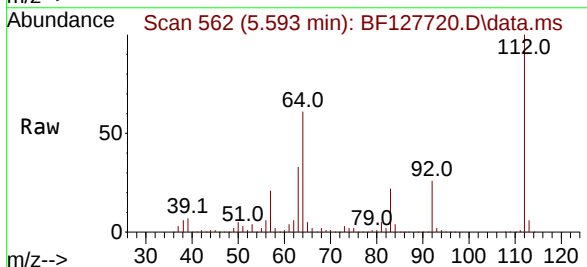
Instrument :
BNA_F
ClientSampleId :
WEST-1

Tgt Ion:152 Resp: 145528
Ion Ratio Lower Upper
152 100
150 145.0 117.2 175.8
115 64.8 49.8 74.6



#5
2-Fluorophenol
Concen: 96.236 ng
RT: 5.593 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF127720.D
Acq: 08 Apr 2022 18:25

Tgt Ion:112 Resp: 861897
Ion Ratio Lower Upper
112 100
64 60.9 58.4 87.6
63 33.3 30.1 45.1

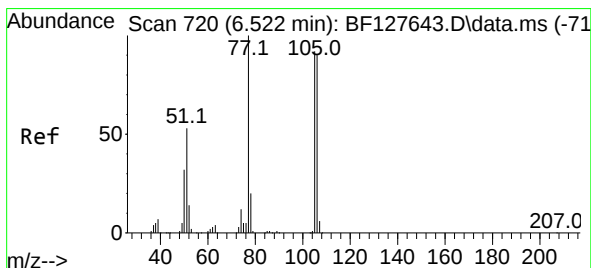
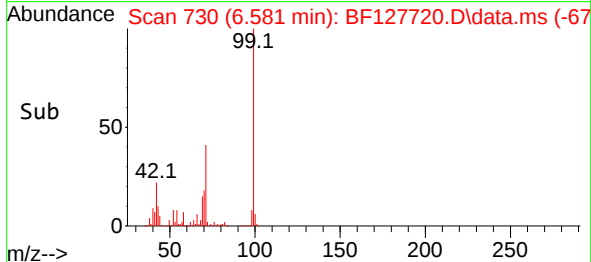
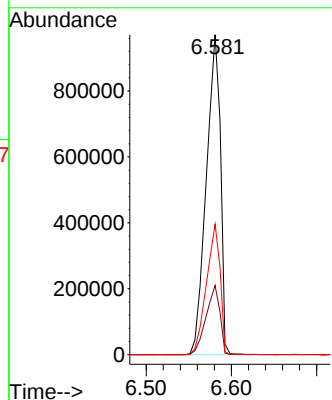
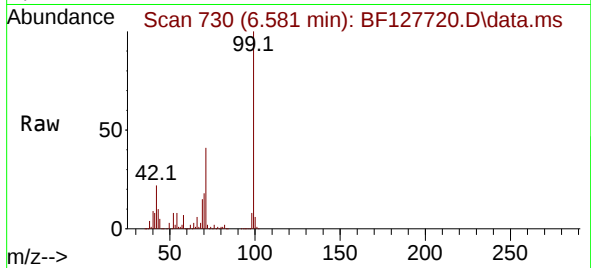




#7
Phenol-d6
Concen: 95.647 ng
RT: 6.581 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF127720.D
Acq: 08 Apr 2022 18:25

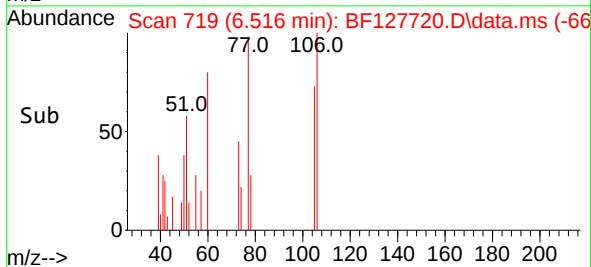
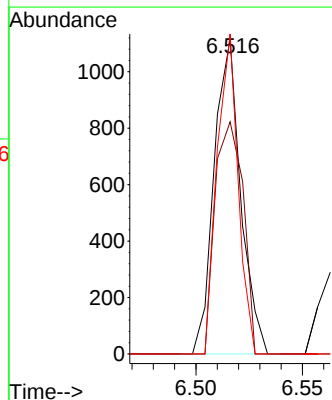
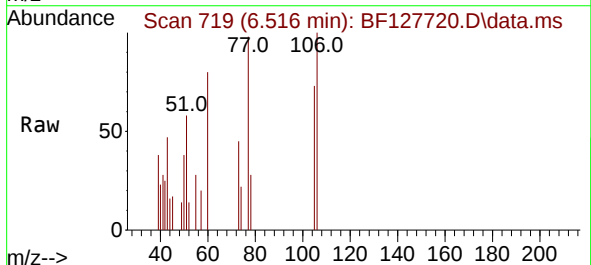
Instrument :
BNA_F
ClientSampleId :
WEST-1

Tgt Ion: 99 Resp: 1120649
Ion Ratio Lower Upper
99 100
42 21.6 17.8 26.6
71 40.8 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127720.D
Acq: 08 Apr 2022 18:25

Tgt Ion: 77 Resp: 966
Ion Ratio Lower Upper
77 100
105 73.7 66.8 106.8
106 101.6 64.3 104.3





#19

n-Nitroso-di-n-propylamine

Concen: 14.203 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127720.D

Acq: 08 Apr 2022 18:25

Instrument :

BNA_F

ClientSampleId :

WEST-1

Tgt Ion: 70 Resp: 107631

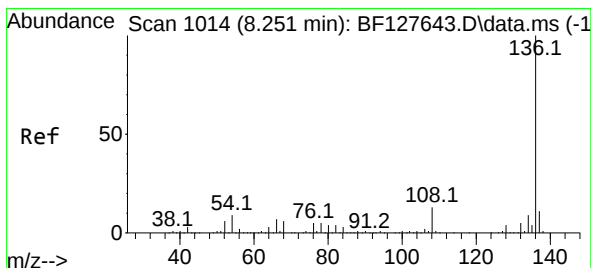
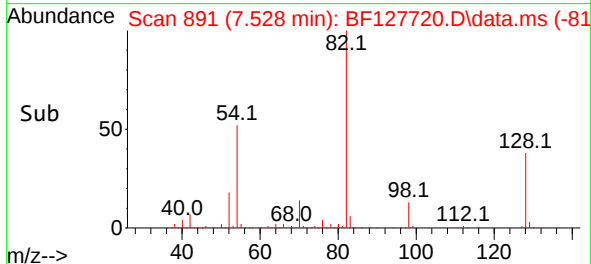
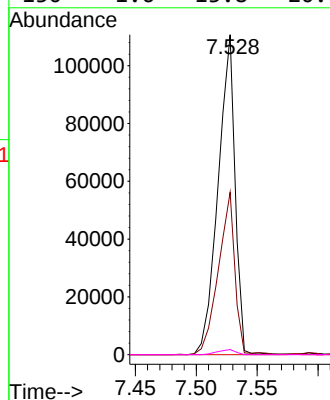
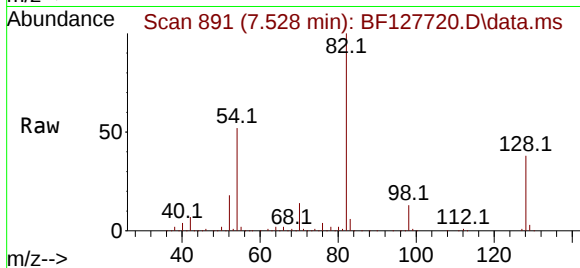
Ion Ratio Lower Upper

70 100

42 50.8 53.0 79.6#

101 0.0 6.8 10.2#

130 1.6 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF127720.D

Acq: 08 Apr 2022 18:25

Tgt Ion:136 Resp: 529594

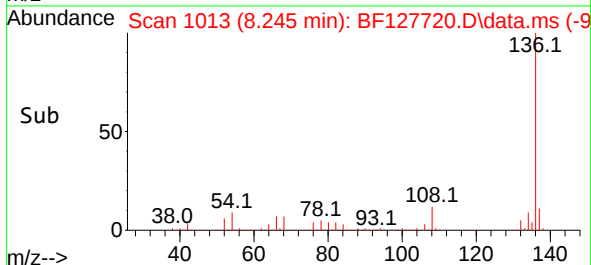
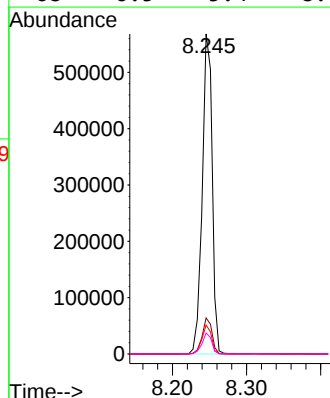
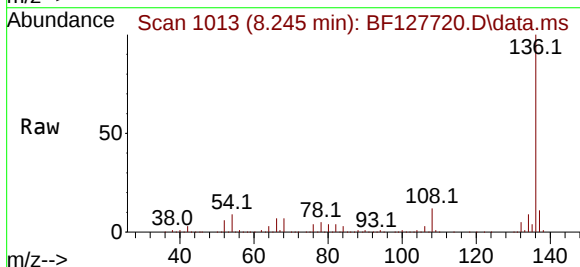
Ion Ratio Lower Upper

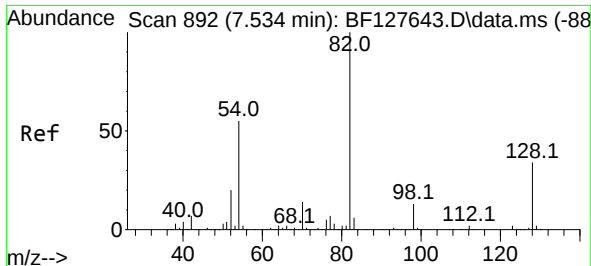
136 100

137 11.3 8.6 13.0

54 9.1 9.2 13.8#

68 6.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 67.052 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127720.D

Acq: 08 Apr 2022 18:25

Instrument :

BNA_F

ClientSampleId :

WEST-1

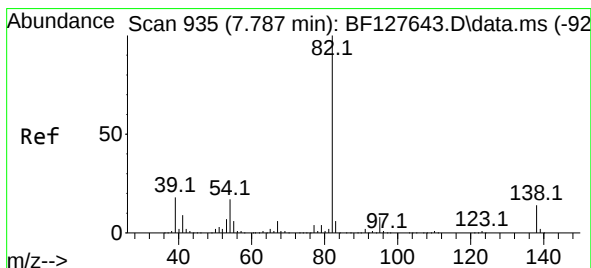
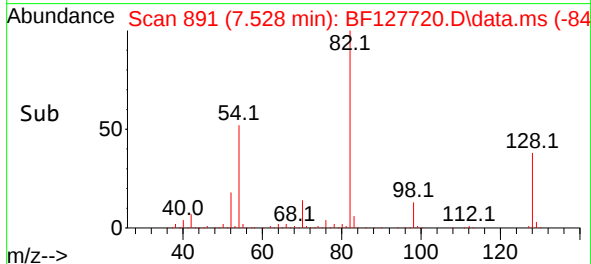
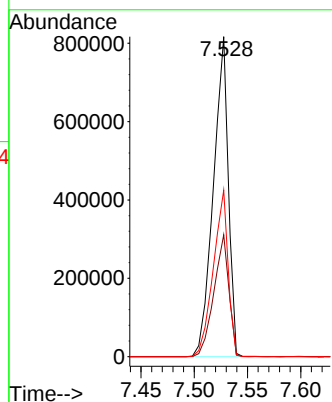
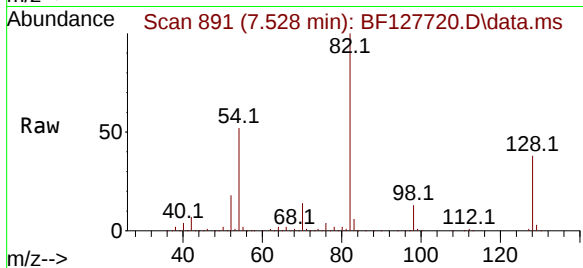
Tgt Ion: 82 Resp: 796529

Ion Ratio Lower Upper

82 100

128 38.1 30.6 45.8

54 52.1 48.2 72.2



#25

Isophorone

Concen: 38.426 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127720.D

Acq: 08 Apr 2022 18:25

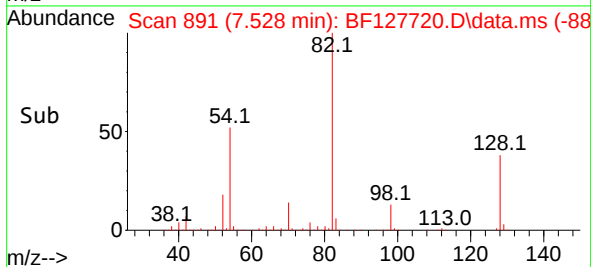
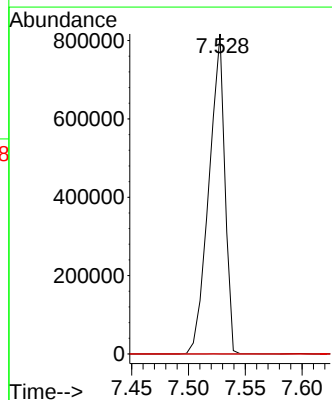
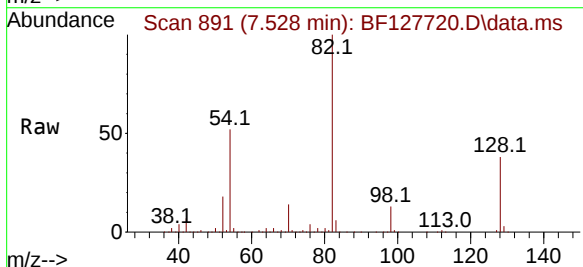
Tgt Ion: 82 Resp: 796519

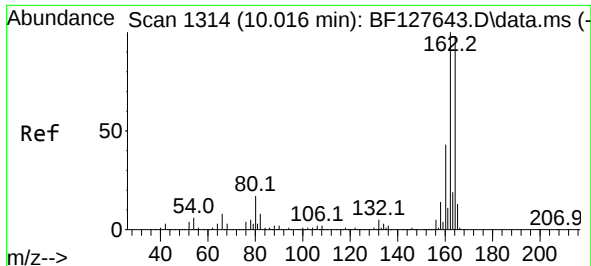
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

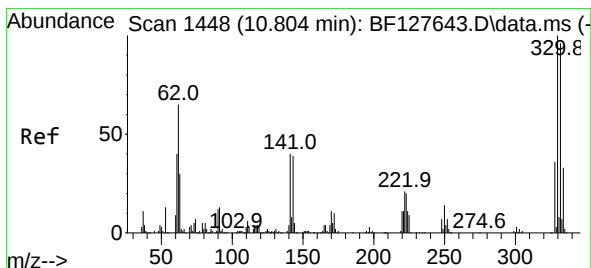
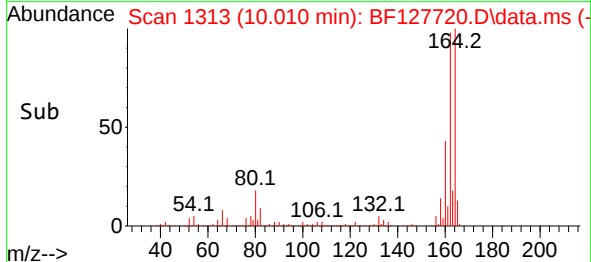
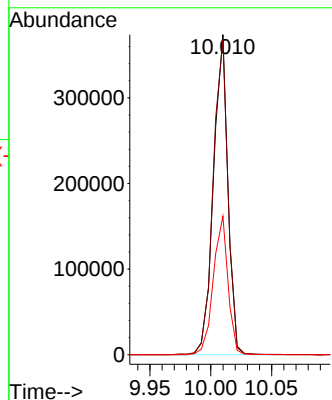
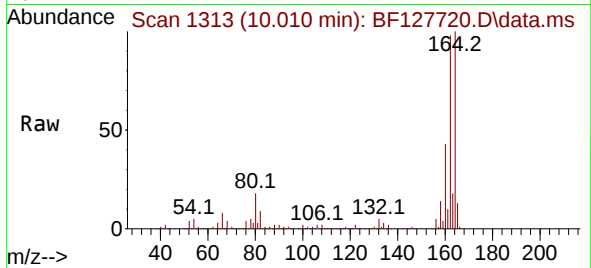




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127720.D
Acq: 08 Apr 2022 18:25

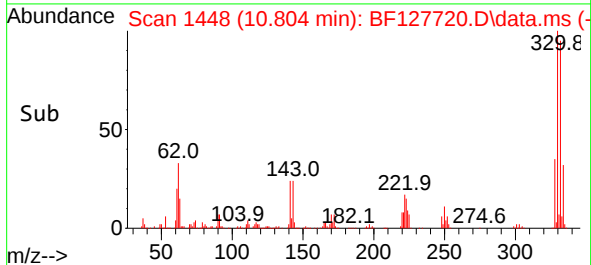
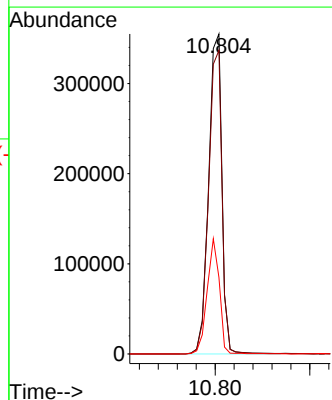
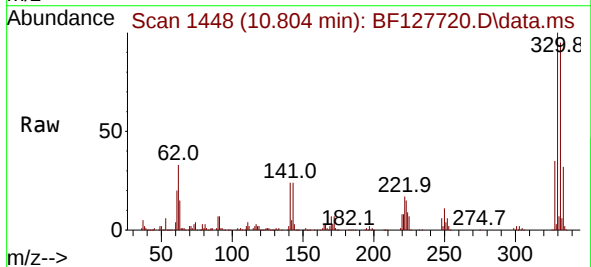
Instrument :
BNA_F
ClientSampleId :
WEST-1

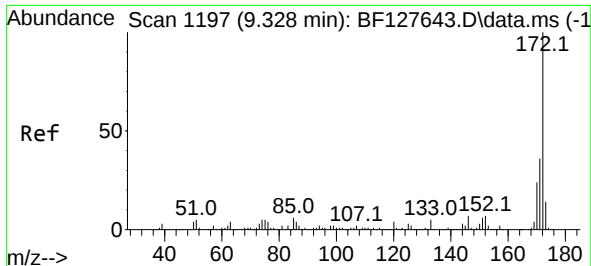
Tgt Ion:164 Resp: 307772
Ion Ratio Lower Upper
164 100
162 98.5 81.2 121.8
160 43.3 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 105.318 ng
RT: 10.804 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF127720.D
Acq: 08 Apr 2022 18:25

Tgt Ion:330 Resp: 344933
Ion Ratio Lower Upper
330 100
332 95.8 79.1 118.7
141 33.4 26.2 39.4

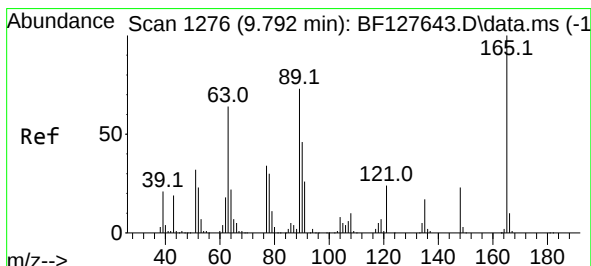
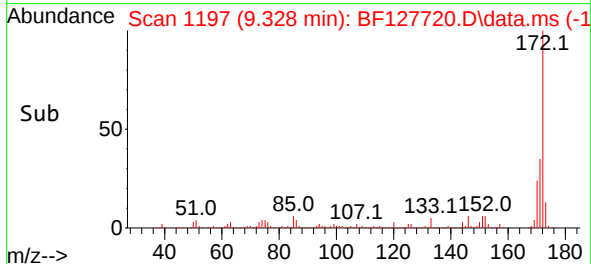
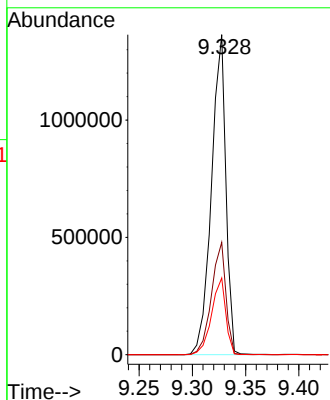
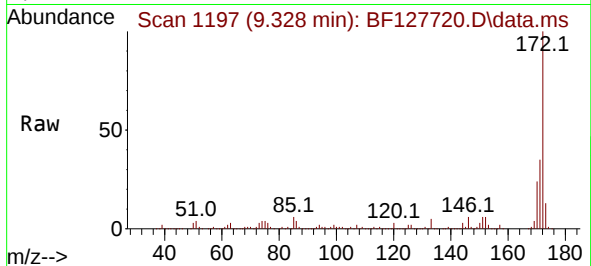




#45
2-Fluorobiphenyl
Concen: 58.919 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF127720.D
Acq: 08 Apr 2022 18:25

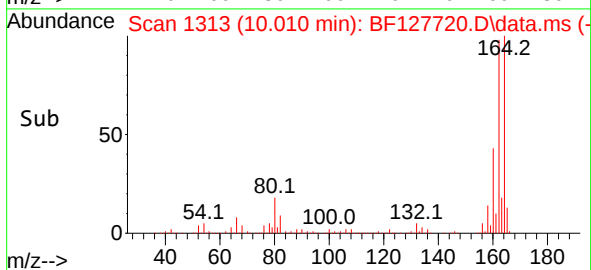
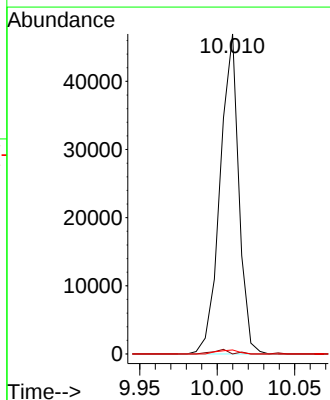
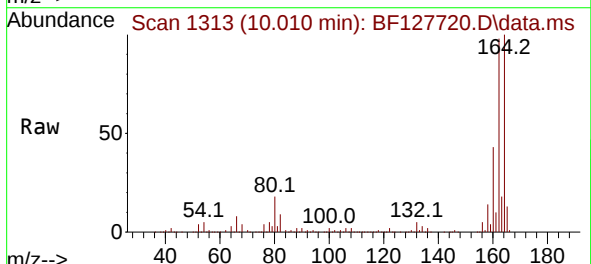
Instrument :
BNA_F
ClientSampleId :
WEST-1

Tgt Ion:172 Resp: 1281831
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 24.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.376 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF127720.D
Acq: 08 Apr 2022 18:25

Tgt Ion:165 Resp: 39426
Ion Ratio Lower Upper
165 100
63 0.0 58.3 87.5#
89 1.3 51.5 77.3#

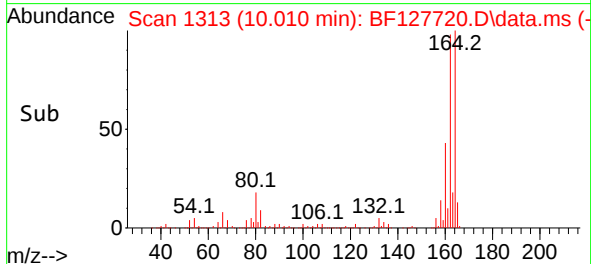
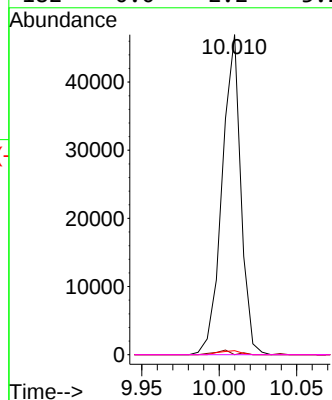
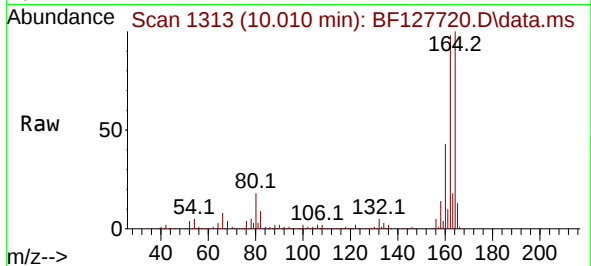




#57
2,4-Dinitrotoluene
Concen: 7.562 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127720.D
Acq: 08 Apr 2022 18:25

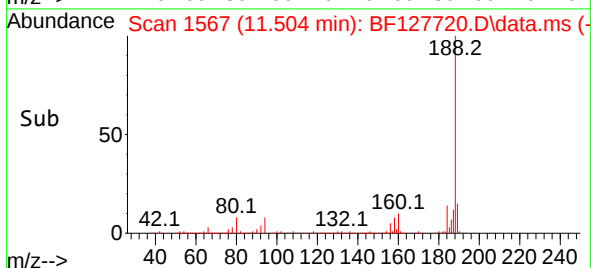
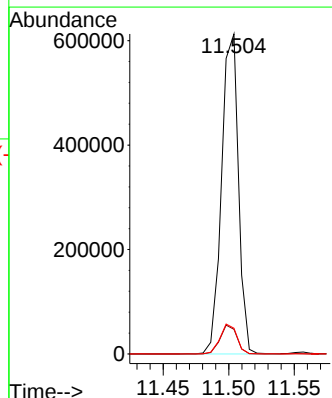
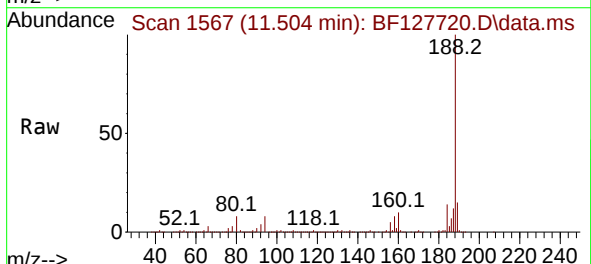
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BNA_F
ClientSampleId :
WEST-1

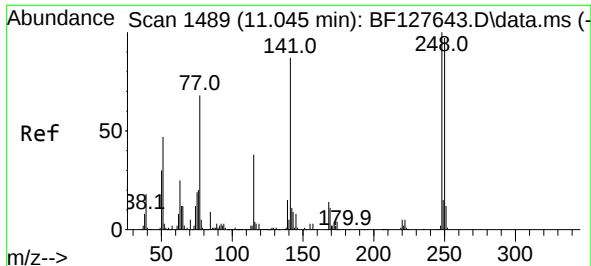
Tgt Ion:165 Resp: 39426
Ion Ratio Lower Upper
165 100
63 0.0 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF127720.D
Acq: 08 Apr 2022 18:25

Tgt Ion:188 Resp: 546901
Ion Ratio Lower Upper
188 100
94 7.7 7.4 11.0
80 8.0 8.0 12.0

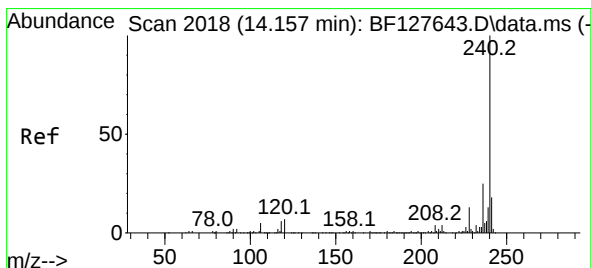
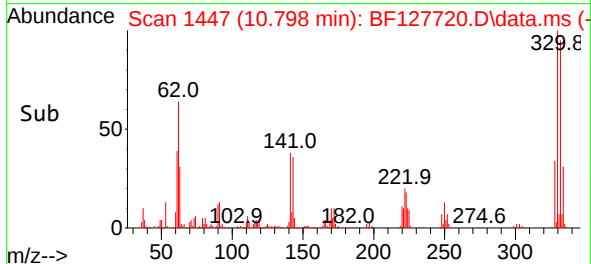
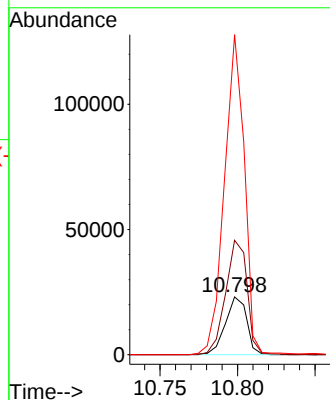
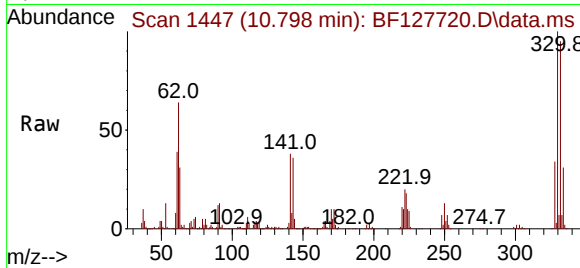




#67
4-Bromophenyl-phenylether
Concen: 3.327 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127720.D
Acq: 08 Apr 2022 18:25

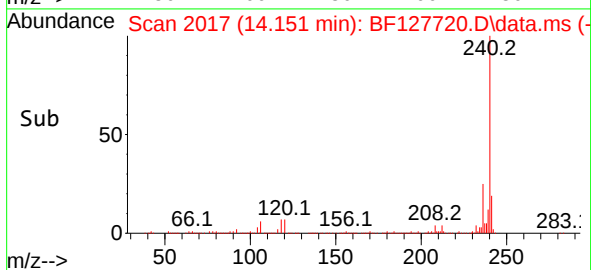
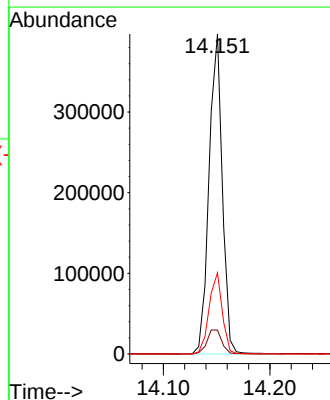
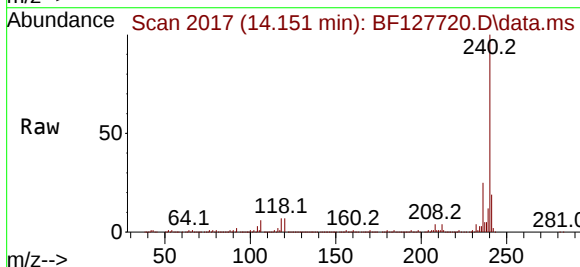
Instrument :
BNA_F
ClientSampleId :
WEST-1

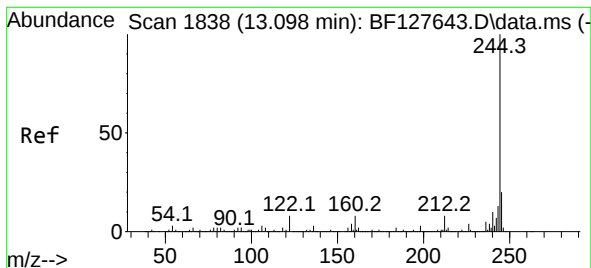
Tgt Ion:248 Resp: 22085
Ion Ratio Lower Upper
248 100
250 198.2 76.6 115.0#
141 554.0 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127720.D
Acq: 08 Apr 2022 18:25

Tgt Ion:240 Resp: 343910
Ion Ratio Lower Upper
240 100
120 7.4 7.1 10.7
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 58.584 ng

RT: 13.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127720.D

Acq: 08 Apr 2022 18:25

Instrument :

BNA_F

ClientSampleId :

WEST-1

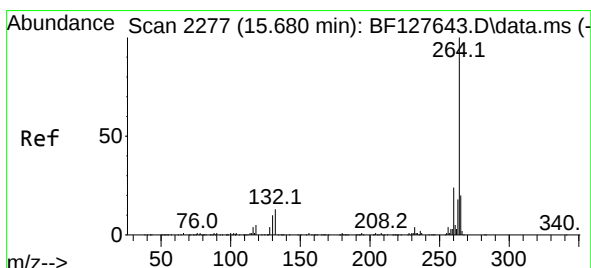
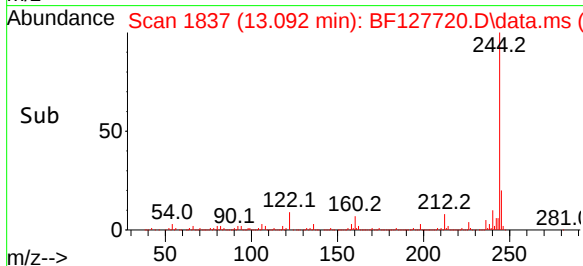
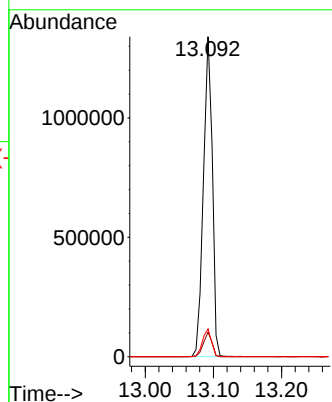
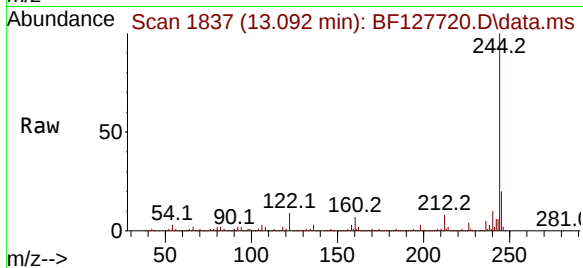
Tgt Ion:244 Resp: 1220623

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

122 8.7 6.2 9.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.680 min Scan# 2277

Delta R.T. 0.000 min

Lab File: BF127720.D

Acq: 08 Apr 2022 18:25

Tgt Ion:264 Resp: 301494

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.4 17.4 26.2

