

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127724.D
 Acq On : 08 Apr 2022 20:23
 Operator : CG\JU
 Sample : N2207-07RX
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220351-AMENDED-096-21-03RX

Quant Time: Apr 11 02:23:15 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)

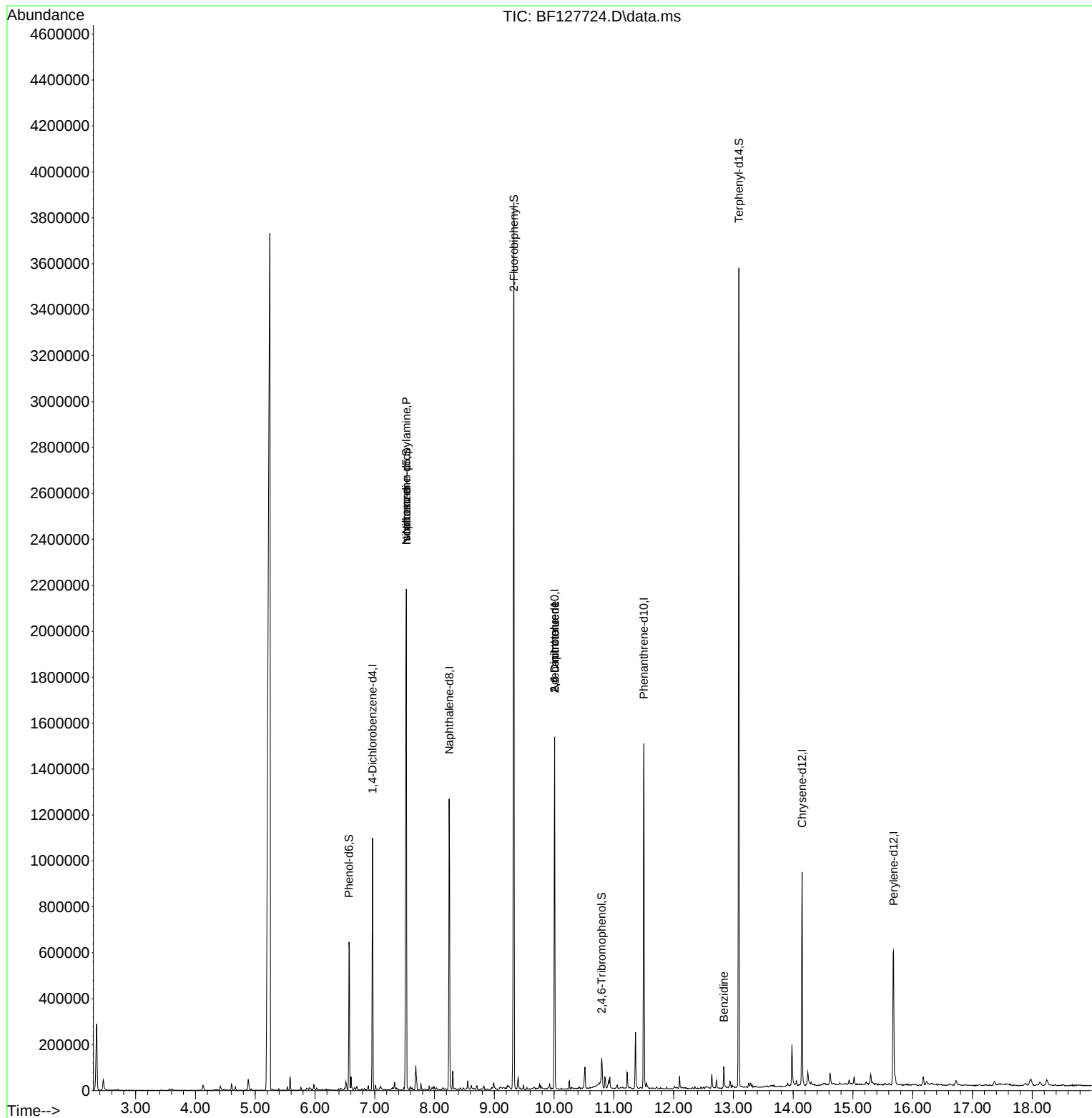
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	139348	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	518628	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	306209	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	545814	20.000	ng	# 0.00
76) Chrysene-d12	14.151	240	318780	20.000	ng	0.00
86) Perylene-d12	15.680	264	296229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	14000	1.633	ng	0.00
7) Phenol-d6	6.569	99	202993	18.094	ng	-0.01
23) Nitrobenzene-d5	7.528	82	746675	64.184	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	8249	2.532	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1219693	56.349	ng	0.00
79) Terphenyl-d14	13.092	244	1206400	62.466	ng	0.00
Target Compounds						
9) Benzaldehyde	6.516	77	5600	Below Cal		Qvalue 96
19) n-Nitroso-di-n-propyla...	7.528	70	103496	14.263	ng	# 75
25) Isophorone	7.528	82	745613	36.731	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	37758	9.025	ng	# 18
57) 2,4-Dinitrotoluene	10.010	165	37758	7.279	ng	# 14
77) Benzidine	12.839	184	38122	4.582	ng	95

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

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ALS Vial : 20 Sample Multiplier: 1

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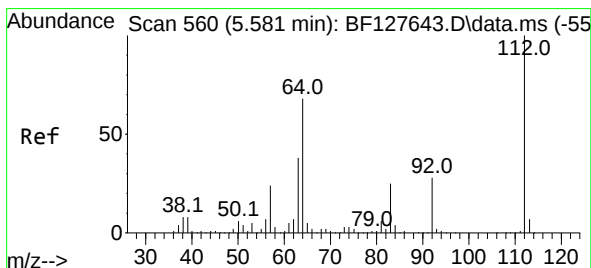
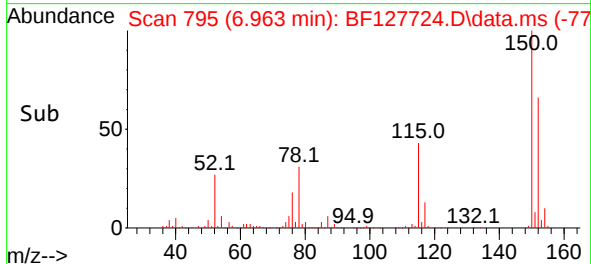
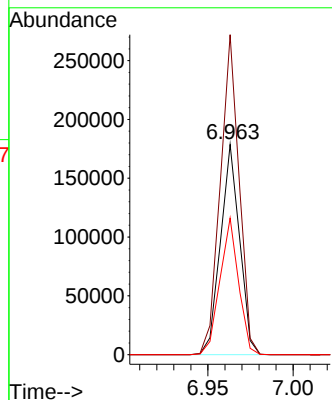
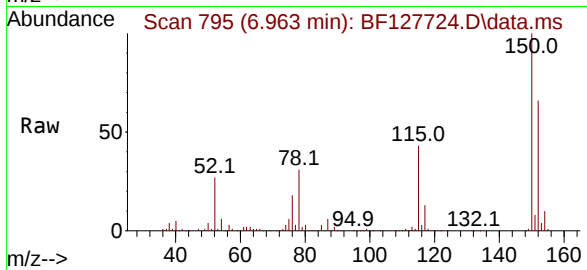




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

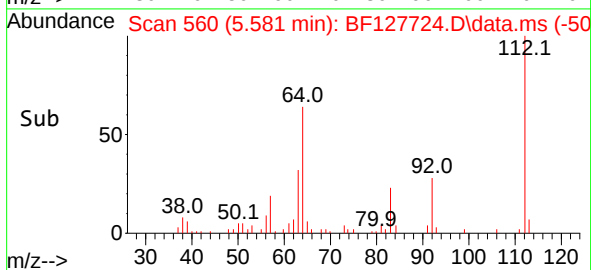
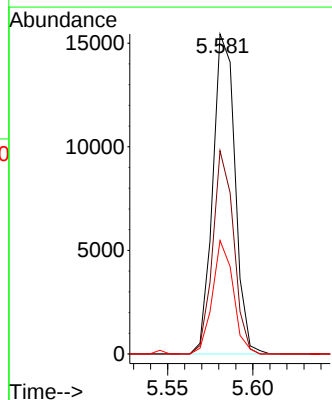
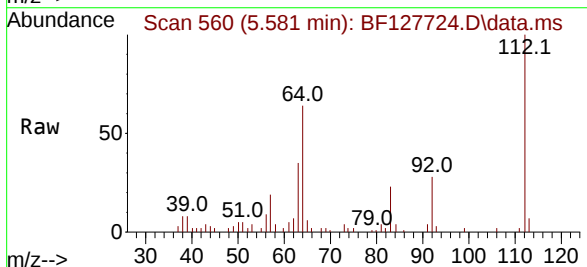
Instrument :
BNA_F
ClientSampleId :
20220351-AMENDED-096-21-03RX

Tgt Ion:152 Resp: 139348
Ion Ratio Lower Upper
152 100
150 152.1 117.2 175.8
115 65.0 49.8 74.6



#5
2-Fluorophenol
Concen: 1.633 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

Tgt Ion:112 Resp: 14000
Ion Ratio Lower Upper
112 100
64 63.5 58.4 87.6
63 35.4 30.1 45.1

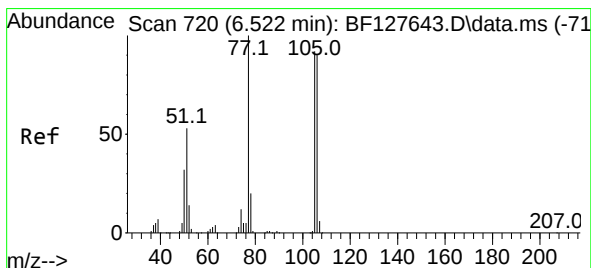
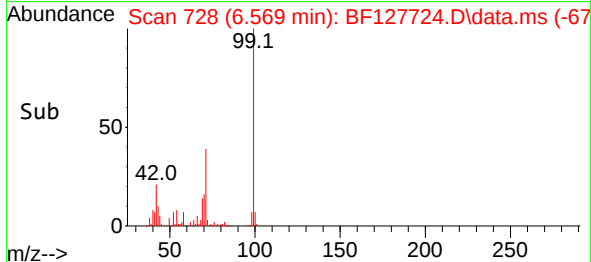
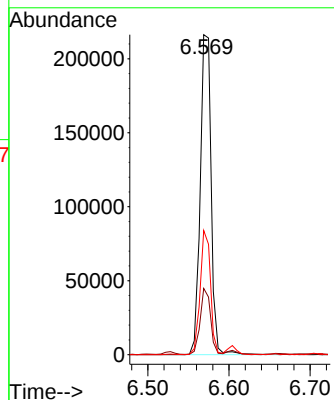
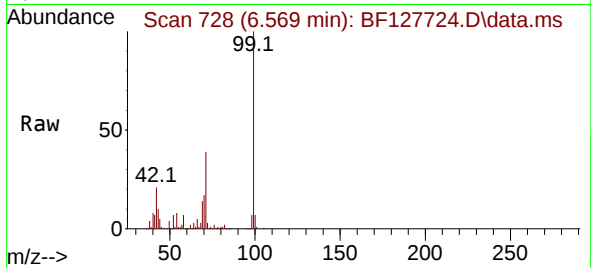




#7
Phenol-d6
Concen: 18.094 ng
RT: 6.569 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

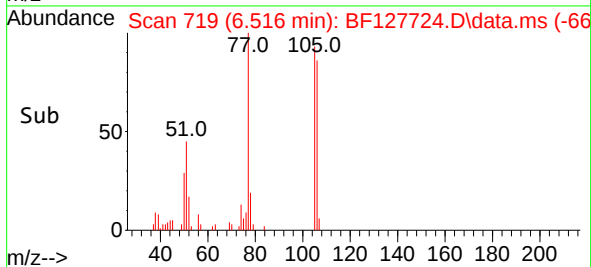
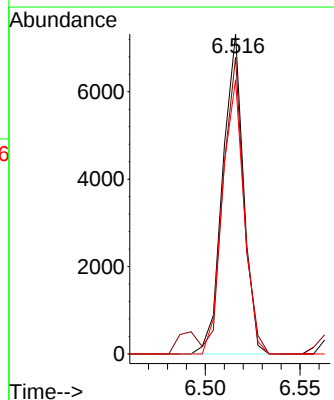
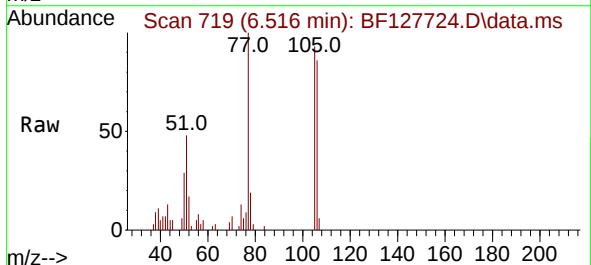
Instrument :
BNA_F
ClientSampleId :
20220351-AMENDED-096-21-03RX

Tgt Ion: 99 Resp: 202993
Ion Ratio Lower Upper
99 100
42 20.7 17.8 26.6
71 38.8 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

Tgt Ion: 77 Resp: 5600
Ion Ratio Lower Upper
77 100
105 92.8 66.8 106.8
106 85.7 64.3 104.3





#19

n-Nitroso-di-n-propylamine

Concen: 14.263 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127724.D

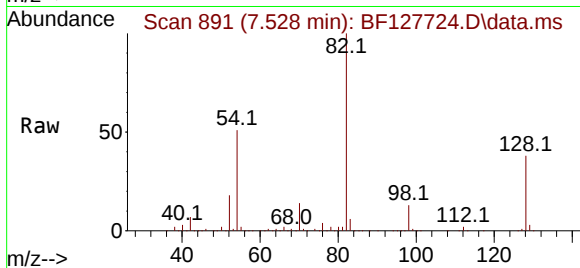
Acq: 08 Apr 2022 20:23

Instrument :

BNA_F

ClientSampleId :

20220351-AMENDED-096-21-03RX



Tgt Ion: 70 Resp: 103496

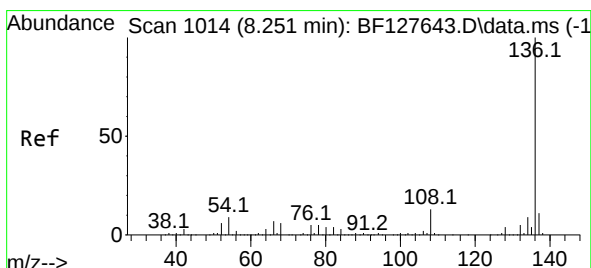
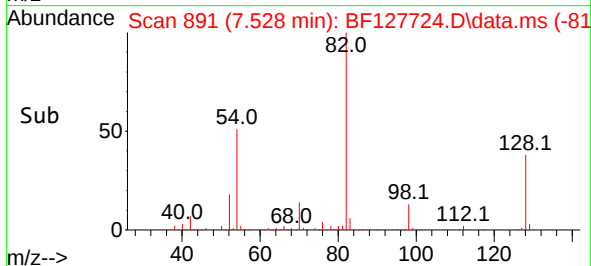
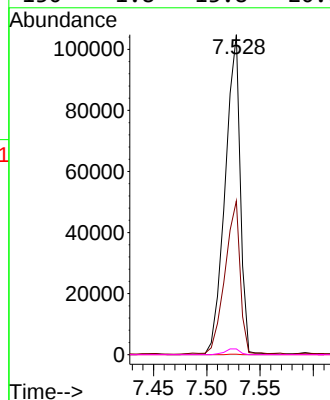
Ion Ratio Lower Upper

70 100

42 48.1 53.0 79.6#

101 0.2 6.8 10.2#

130 1.8 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: BF127724.D

Acq: 08 Apr 2022 20:23

Tgt Ion: 136 Resp: 518628

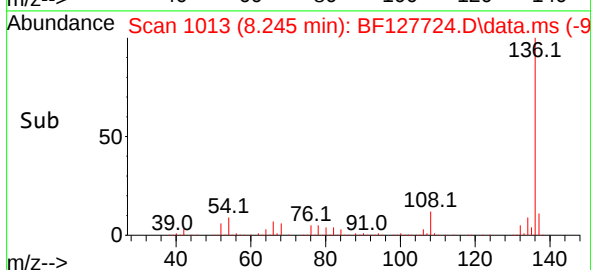
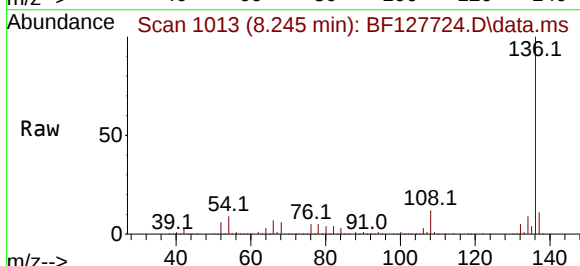
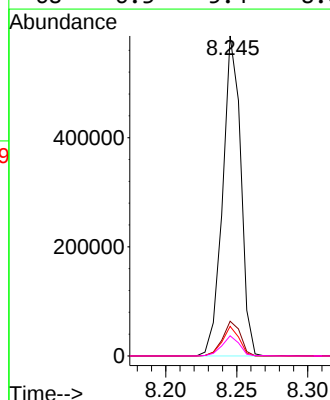
Ion Ratio Lower Upper

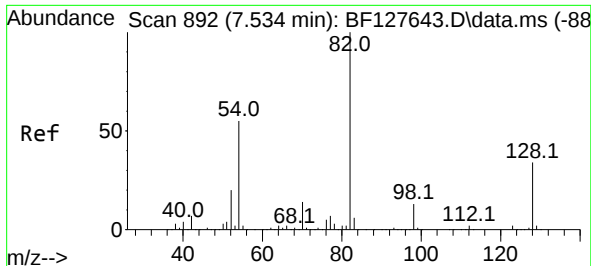
136 100

137 10.9 8.6 13.0

54 9.3 9.2 13.8

68 6.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 64.184 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127724.D

Acq: 08 Apr 2022 20:23

Instrument :

BNA_F

ClientSampleId :

20220351-AMENDED-096-21-03RX

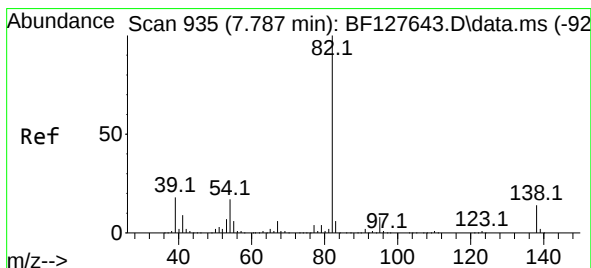
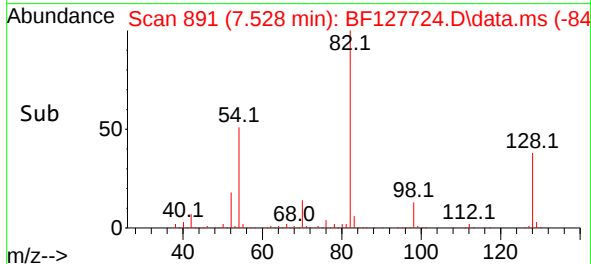
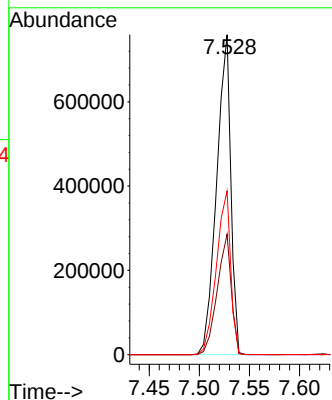
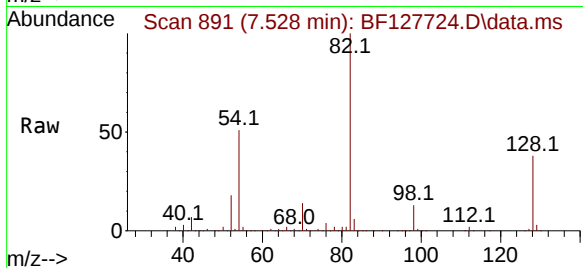
Tgt Ion: 82 Resp: 746675

Ion Ratio Lower Upper

82 100

128 37.7 30.6 45.8

54 51.2 48.2 72.2



#25

Isophorone

Concen: 36.731 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127724.D

Acq: 08 Apr 2022 20:23

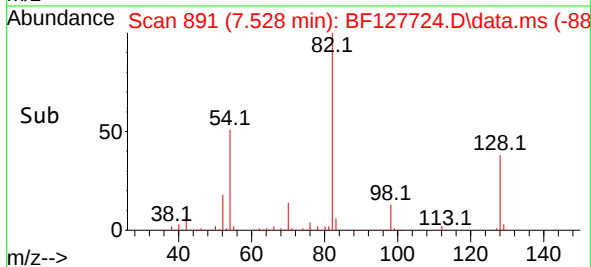
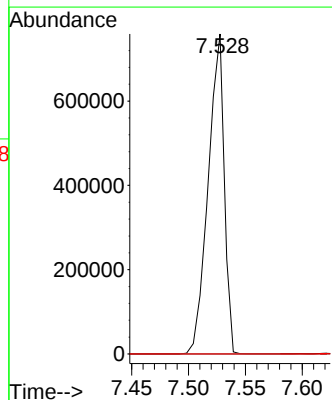
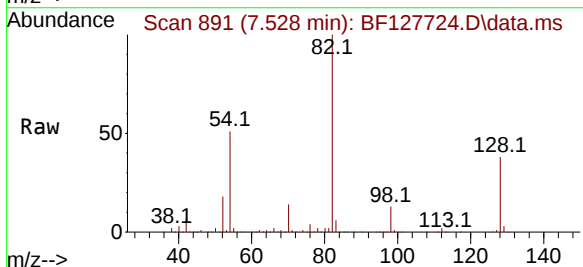
Tgt Ion: 82 Resp: 745613

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: BF127724.D

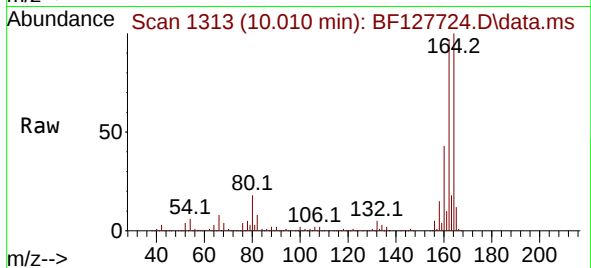
Acq: 08 Apr 2022 20:23

Instrument :

BNA_F

ClientSampleId :

20220351-AMENDED-096-21-03RX



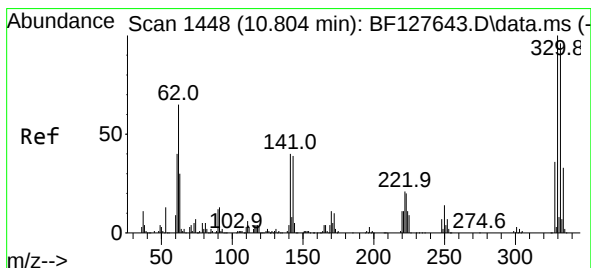
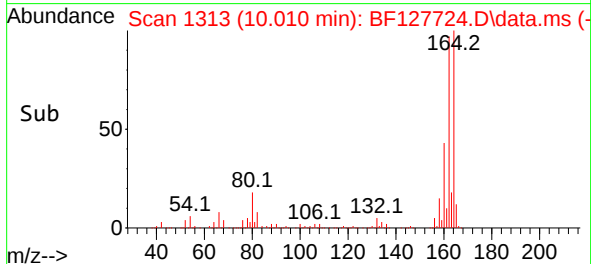
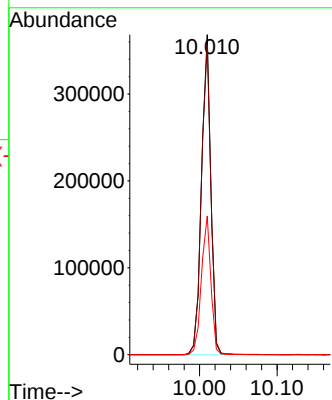
Tgt Ion:164 Resp: 306209

Ion Ratio Lower Upper

164 100

162 96.9 81.2 121.8

160 43.3 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 2.532 ng

RT: 10.798 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF127724.D

Acq: 08 Apr 2022 20:23

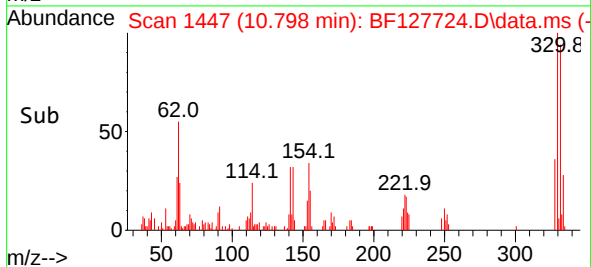
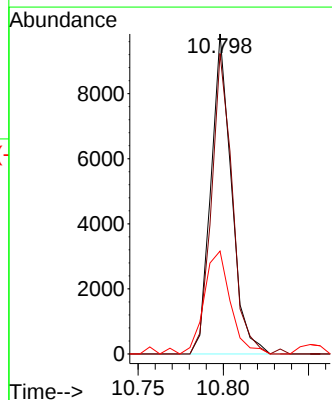
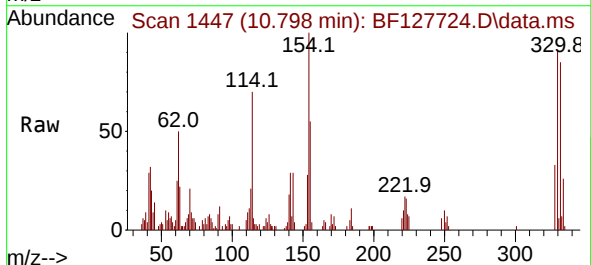
Tgt Ion:330 Resp: 8249

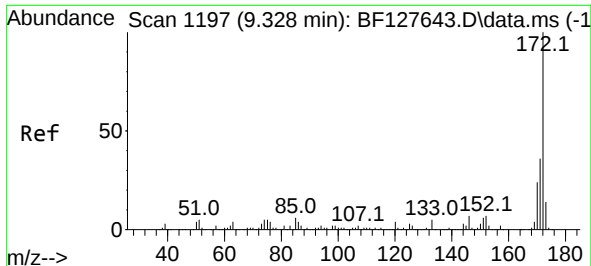
Ion Ratio Lower Upper

330 100

332 95.6 79.1 118.7

141 41.1 26.2 39.4#





#45

2-Fluorobiphenyl

Concen: 56.349 ng

RT: 9.328 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127724.D

Acq: 08 Apr 2022 20:23

Instrument :

BNA_F

ClientSampleId :

20220351-AMENDED-096-21-03RX

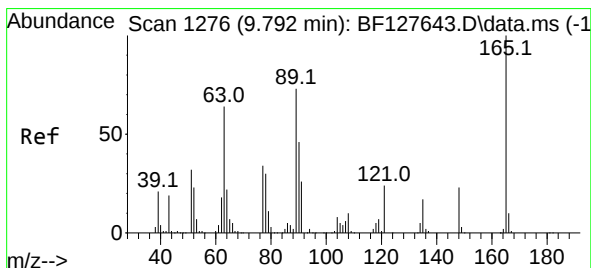
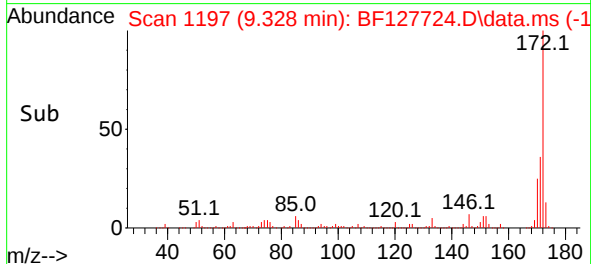
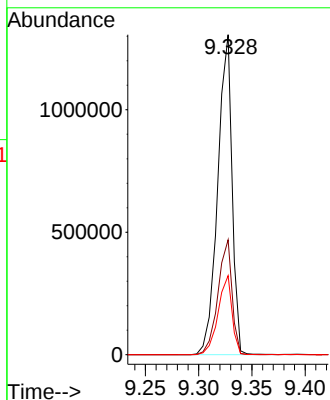
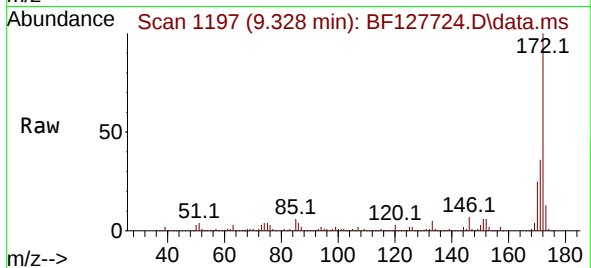
Tgt Ion:172 Resp: 1219693

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.7 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.025 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127724.D

Acq: 08 Apr 2022 20:23

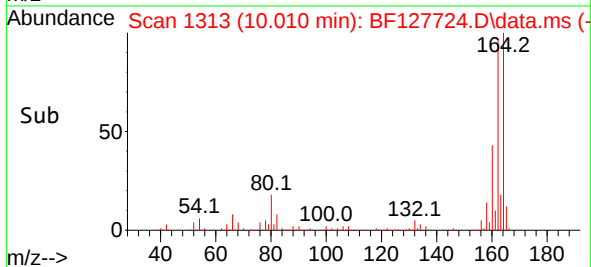
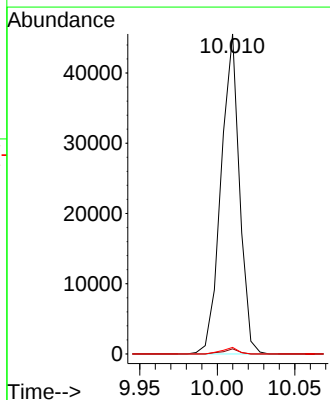
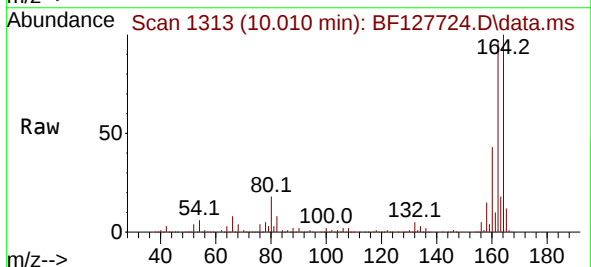
Tgt Ion:165 Resp: 37758

Ion Ratio Lower Upper

165 100

63 1.6 58.3 87.5#

89 2.1 51.5 77.3#

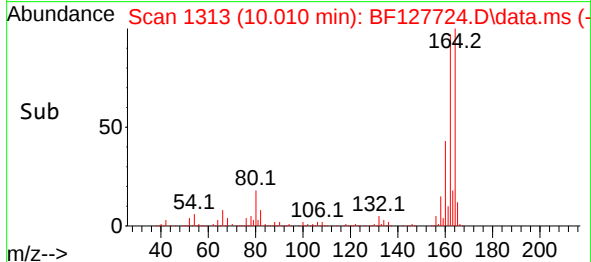
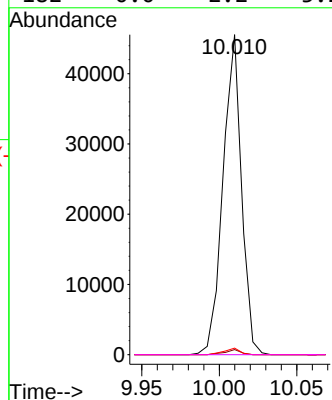
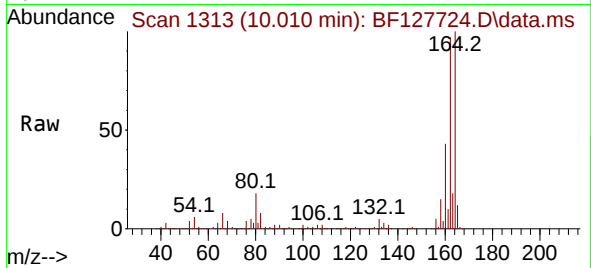




#57
2,4-Dinitrotoluene
Concen: 7.279 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

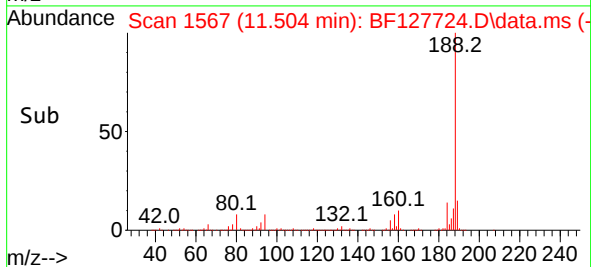
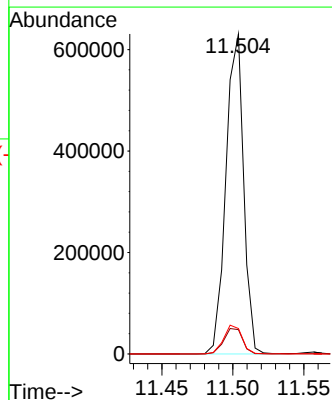
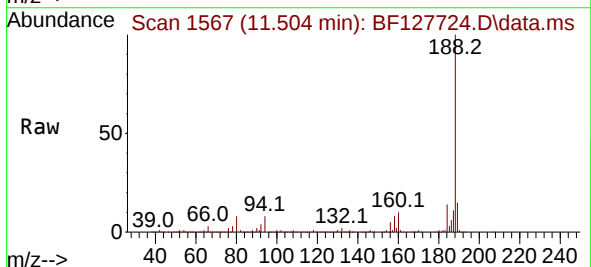
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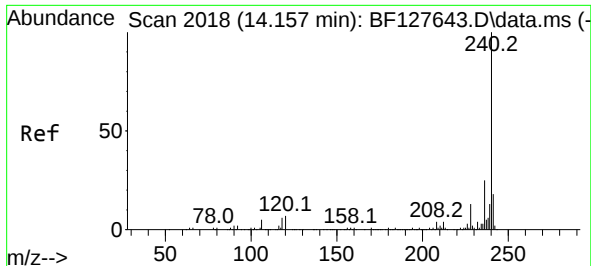
Tgt Ion:165 Resp: 37758
Ion Ratio Lower Upper
165 100
63 1.6 53.1 79.7#
89 2.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

Tgt Ion:188 Resp: 545814
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.0
80 8.0 8.0 12.0#

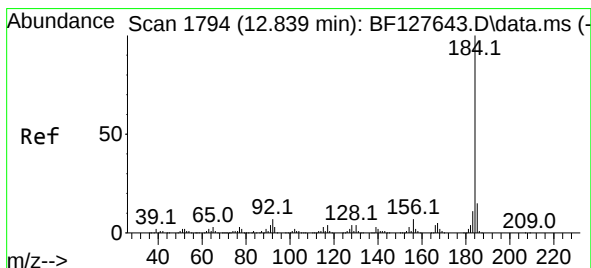
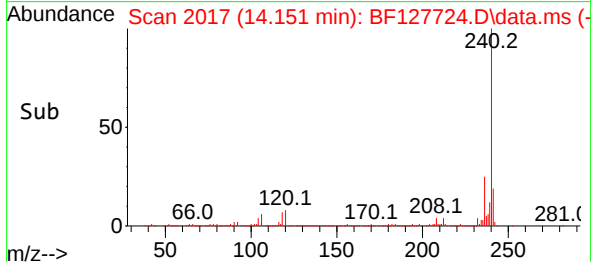
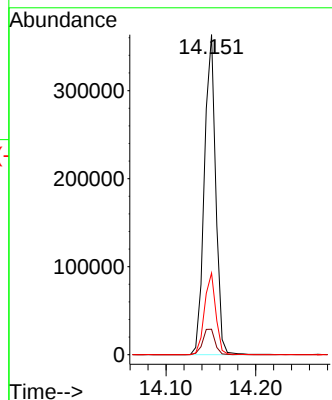
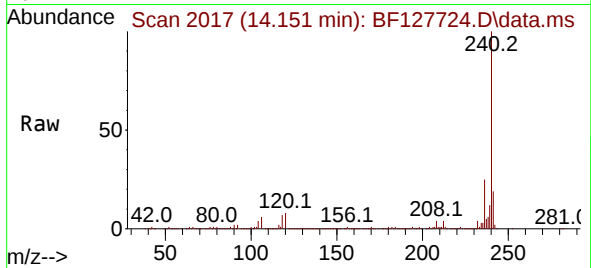




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

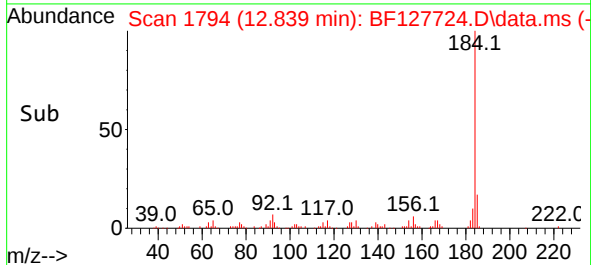
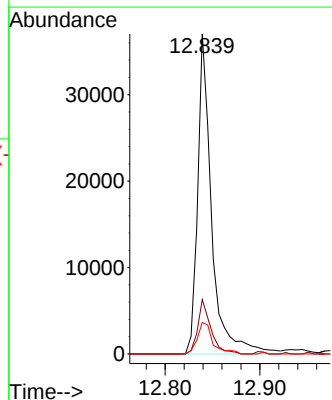
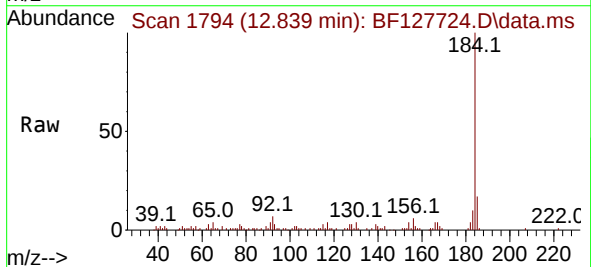
Instrument :
BNA_F
ClientSampleId :
20220351-AMENDED-096-21-03RX

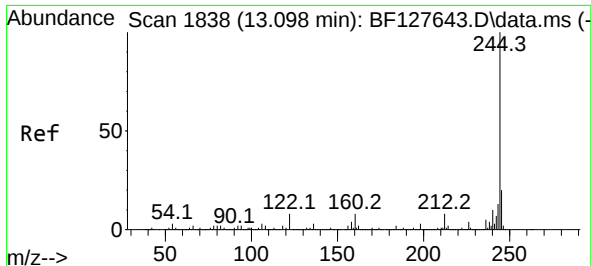
Tgt Ion:240 Resp: 318780
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 25.5 20.7 31.1



#77
Benzidine
Concen: 4.582 ng
RT: 12.839 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

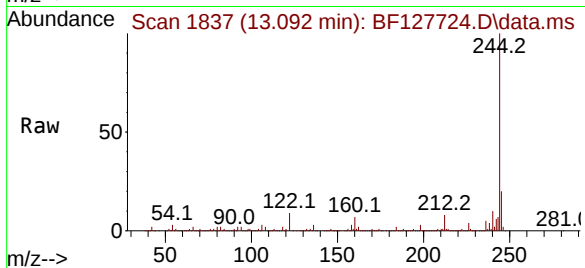
Tgt Ion:184 Resp: 38122
Ion Ratio Lower Upper
184 100
185 17.0 12.2 18.2
183 9.9 9.4 14.0





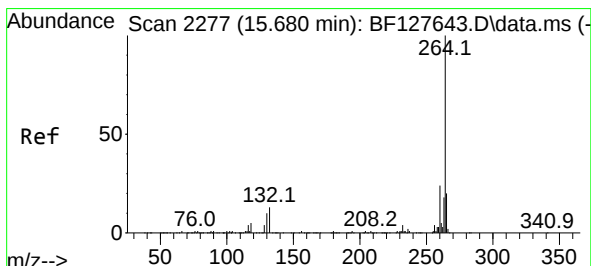
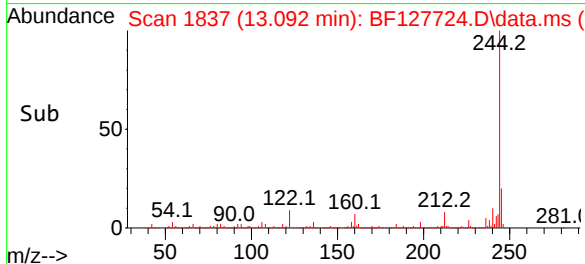
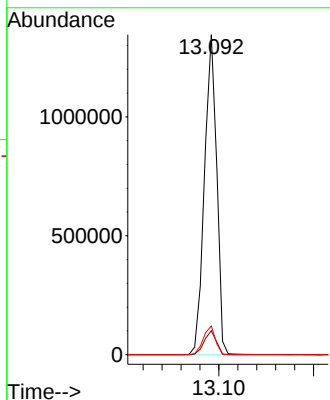
#79
 Terphenyl-d14
 Concen: 62.466 ng
 RT: 13.092 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF127724.D
 Acq: 08 Apr 2022 20:23

Instrument :
 BNA_F
 ClientSampleId :
 20220351-AMENDED-096-21-03RX



Tgt Ion:244 Resp: 1206400

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	8.9	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: BF127724.D
 Acq: 08 Apr 2022 20:23

Tgt Ion:264 Resp: 296229

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	20.3	17.4	26.2

