

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127712.D
 Acq On : 08 Apr 2022 14:30
 Operator : CG\JU
 Sample : N2317-23
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-B

Quant Time: Apr 11 02:21:34 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)

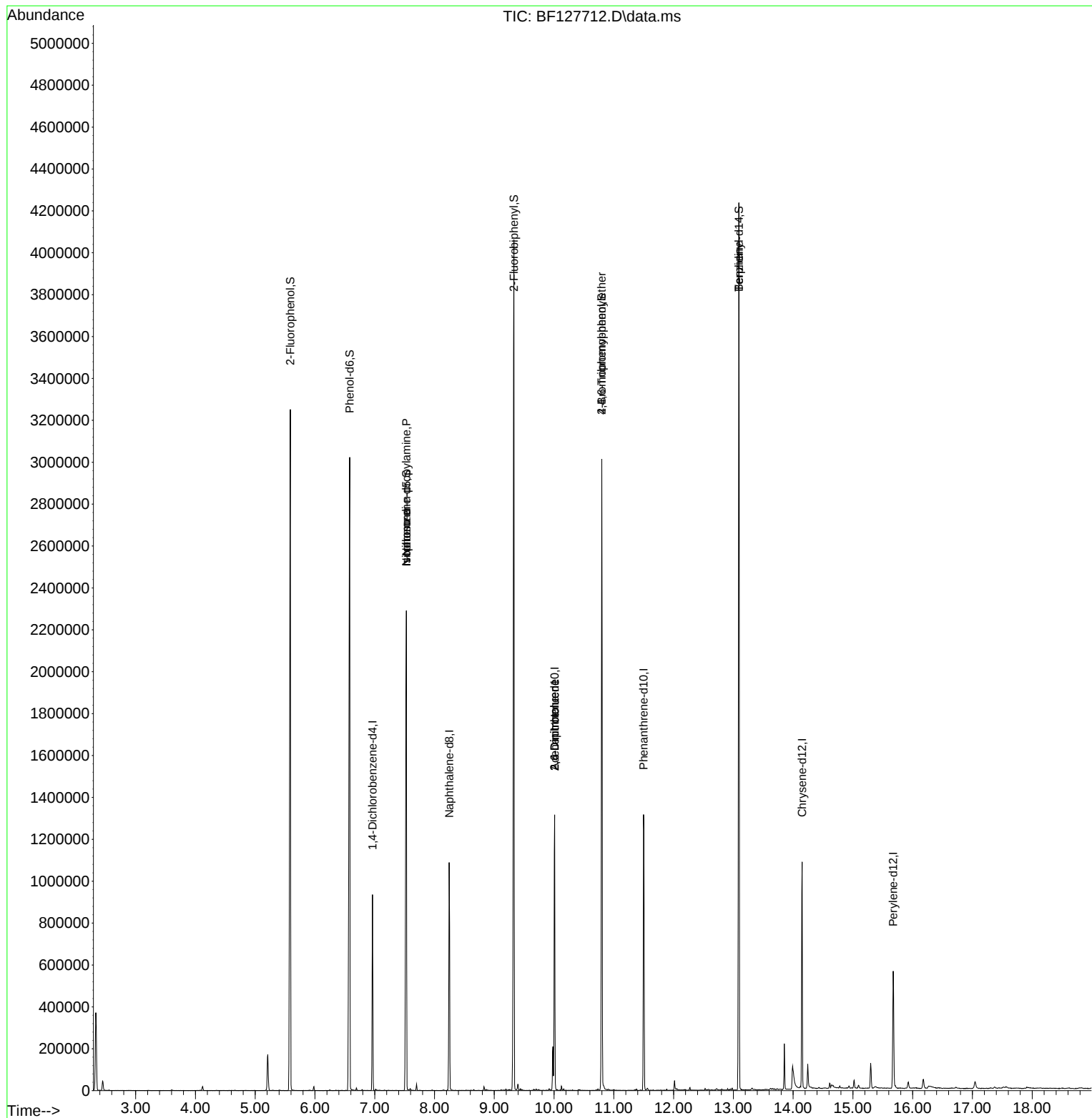
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	125547	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	465145	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	273148	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	507074	20.000	ng	0.00
76) Chrysene-d12	14.151	240	371903	20.000	ng	0.00
86) Perylene-d12	15.674	264	267294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	868242	112.373	ng	0.00
7) Phenol-d6	6.581	99	1133266	112.118	ng	0.00
23) Nitrobenzene-d5	7.528	82	795668	76.260	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	367668	126.490	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1312522	67.977	ng	0.00
79) Terphenyl-d14	13.092	244	1523620	67.622	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	221	Below Cal	#	81
19) n-Nitroso-di-n-propyla...	7.528	70	107338	16.419	ng	# 73
25) Isophorone	7.528	82	795657	43.703	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	35393	9.483	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	35393	7.649	ng	# 13
67) 4-Bromophenyl-phenylether	10.798	248	23957	3.893	ng	# 1
77) Benzydine	13.092	184	21681	2.234	ng	# 94

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

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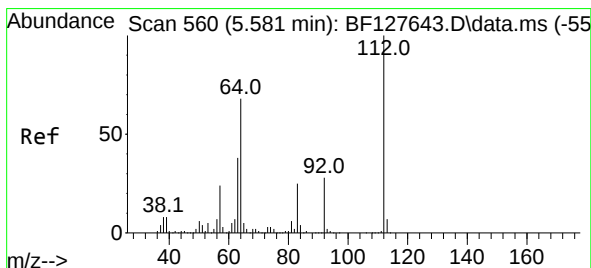
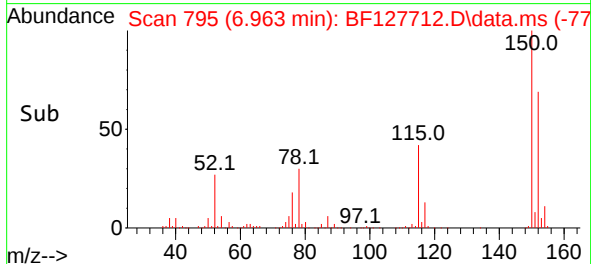
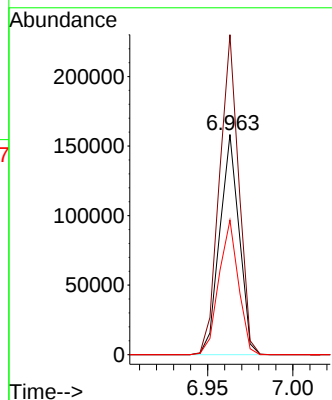
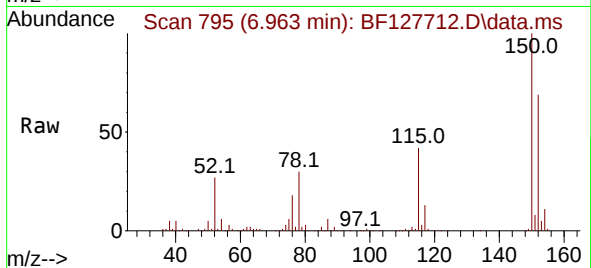




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127712.D
 Acq: 08 Apr 2022 14:30

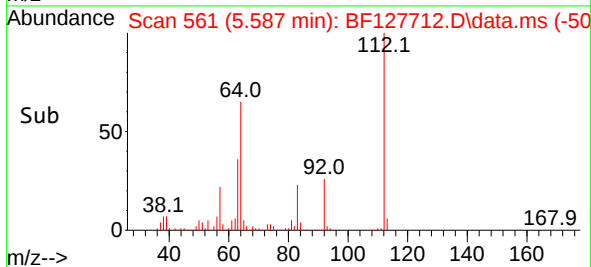
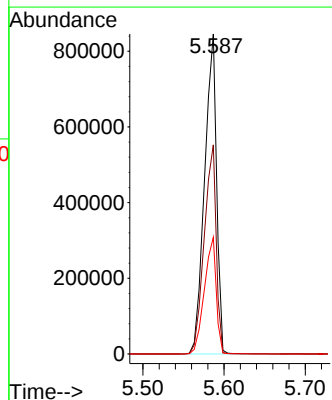
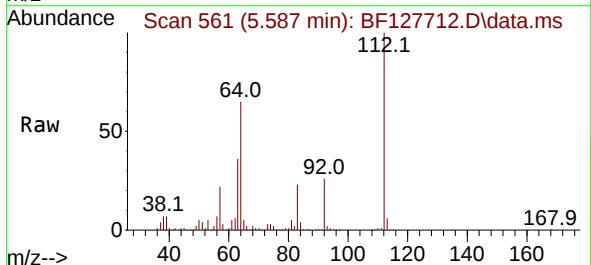
Instrument :
 BNA_F
 ClientSampleId :
 TP2-B

Tgt Ion:152 Resp: 125547
 Ion Ratio Lower Upper
 152 100
 150 145.4 117.2 175.8
 115 61.2 49.8 74.6



#5
 2-Fluorophenol
 Concen: 112.373 ng
 RT: 5.587 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF127712.D
 Acq: 08 Apr 2022 14:30

Tgt Ion:112 Resp: 868242
 Ion Ratio Lower Upper
 112 100
 64 65.3 58.4 87.6
 63 36.5 30.1 45.1

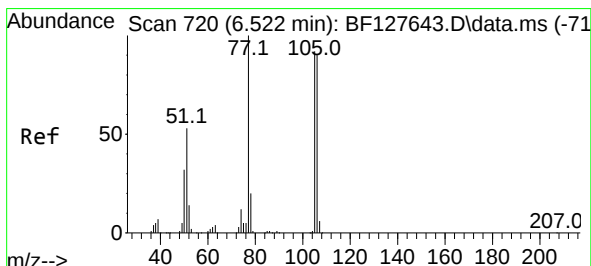
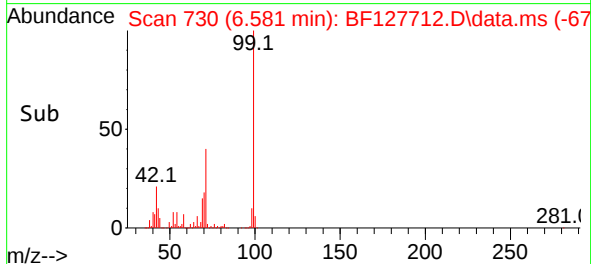
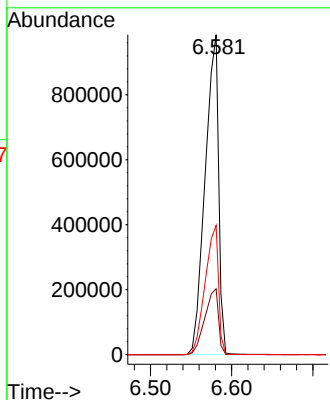
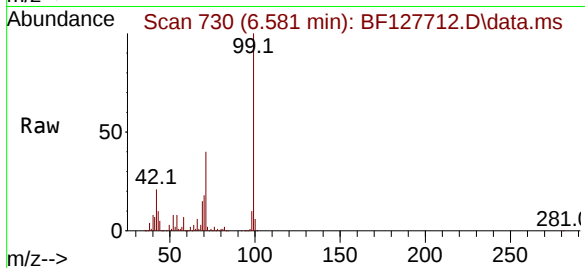




#7
Phenol-d6
Concen: 112.118 ng
RT: 6.581 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF127712.D
Acq: 08 Apr 2022 14:30

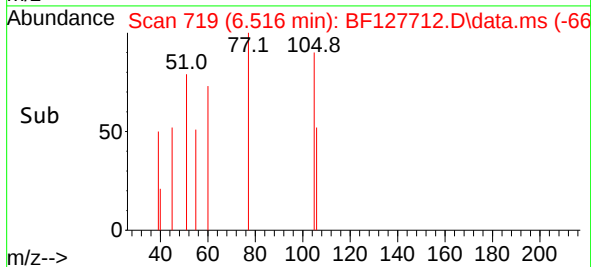
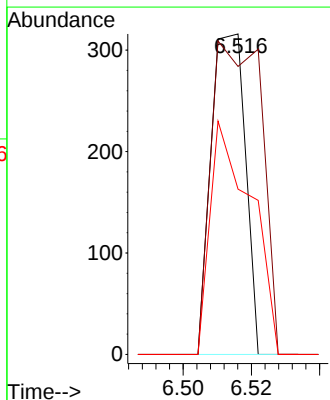
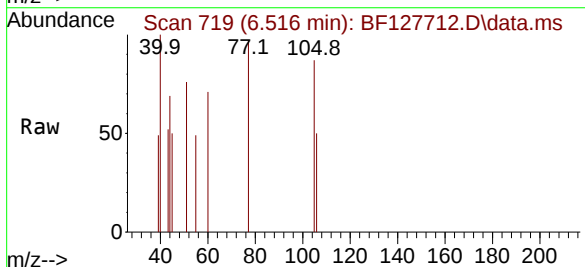
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BNA_F
ClientSampleId :
TP2-B

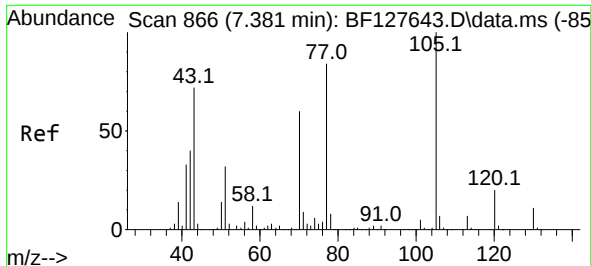
Tgt Ion: 99 Resp: 1133266
Ion Ratio Lower Upper
99 100
42 20.6 17.8 26.6
71 40.4 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127712.D
Acq: 08 Apr 2022 14:30

Tgt Ion: 77 Resp: 221
Ion Ratio Lower Upper
77 100
105 89.9 66.8 106.8
106 51.6 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 16.419 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127712.D

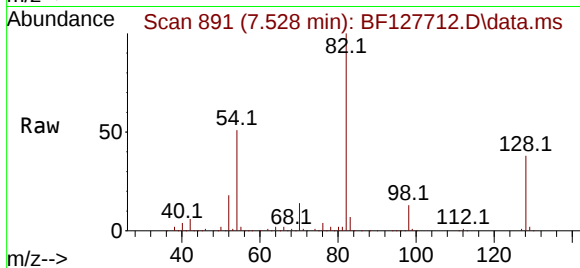
Acq: 08 Apr 2022 14:30

Instrument :

BNA_F

ClientSampleId :

TP2-B



Tgt Ion: 70 Resp: 107338

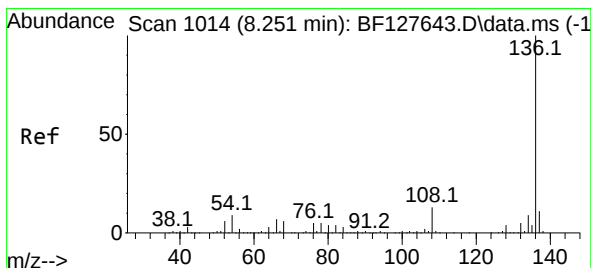
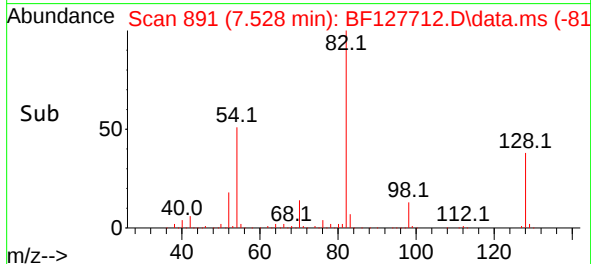
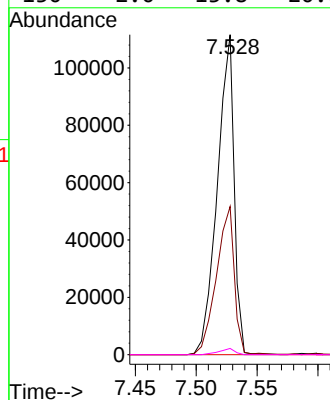
Ion Ratio Lower Upper

70 100

42 46.3 53.0 79.6#

101 0.0 6.8 10.2#

130 2.0 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: BF127712.D

Acq: 08 Apr 2022 14:30

Tgt Ion: 136 Resp: 465145

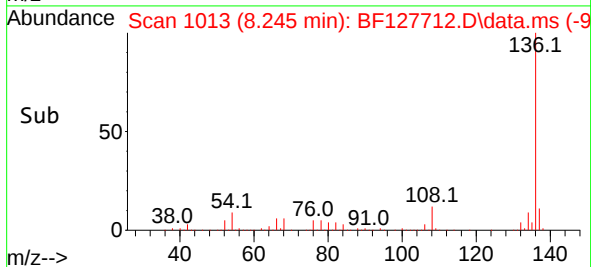
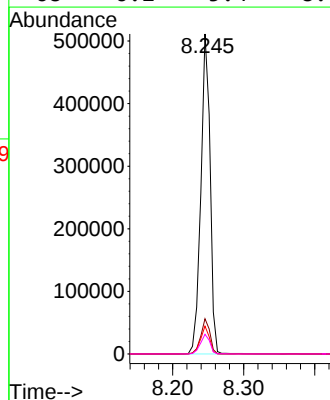
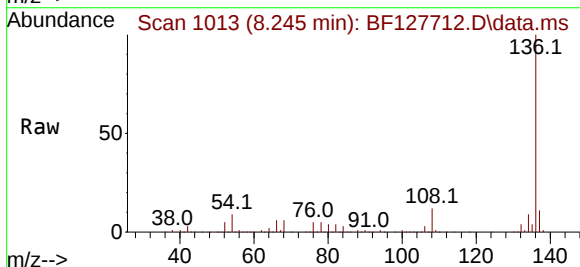
Ion Ratio Lower Upper

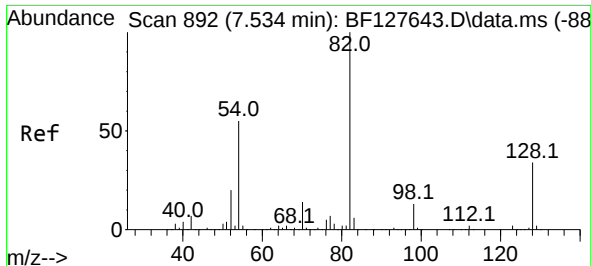
136 100

137 11.0 8.6 13.0

54 8.7 9.2 13.8#

68 6.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 76.260 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127712.D

Acq: 08 Apr 2022 14:30

Instrument :

BNA_F

ClientSampleId :

TP2-B

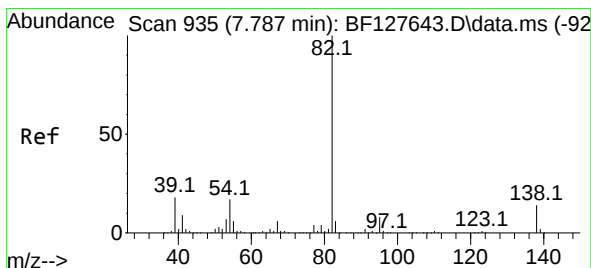
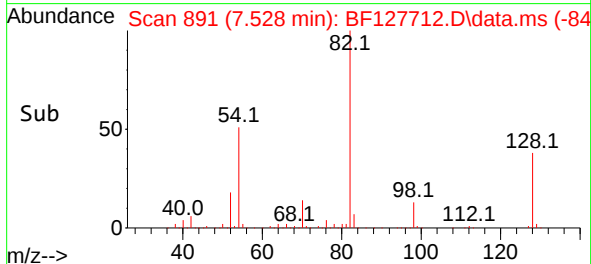
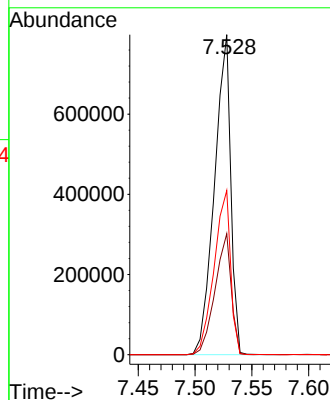
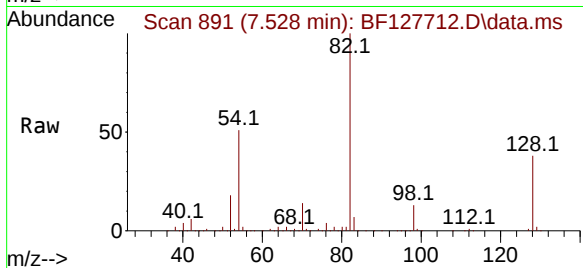
Tgt Ion: 82 Resp: 795668

Ion Ratio Lower Upper

82 100

128 37.8 30.6 45.8

54 51.3 48.2 72.2



#25

Isophorone

Concen: 43.703 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127712.D

Acq: 08 Apr 2022 14:30

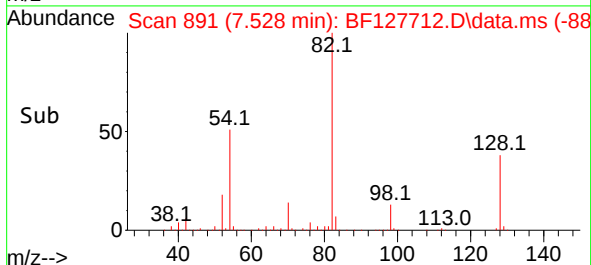
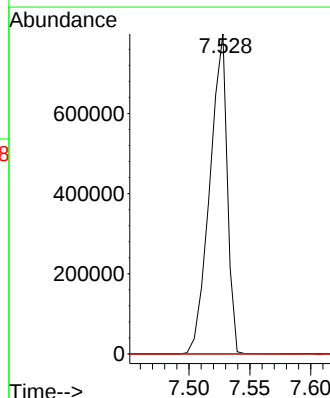
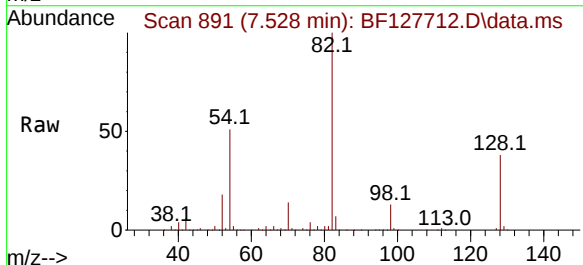
Tgt Ion: 82 Resp: 795657

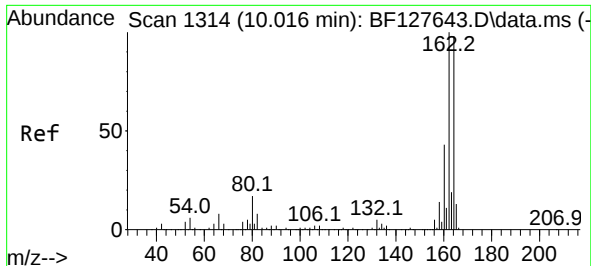
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

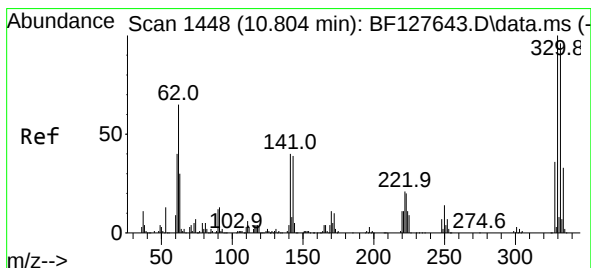
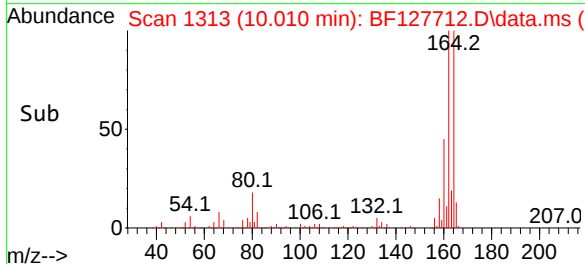
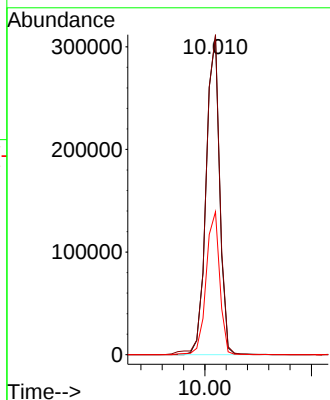
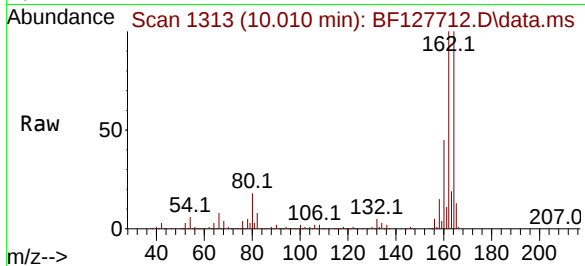




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127712.D
Acq: 08 Apr 2022 14:30

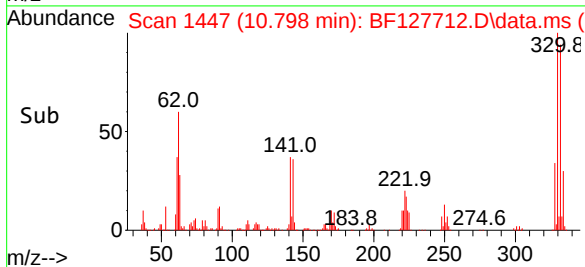
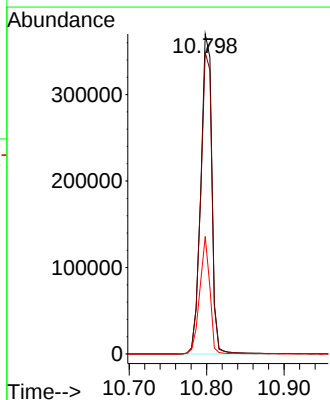
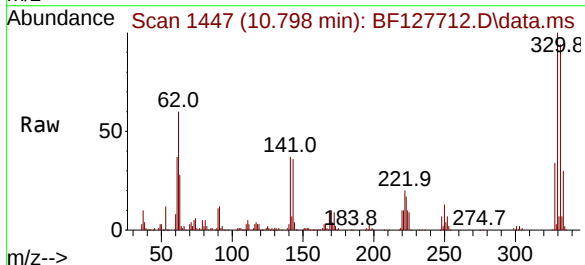
Instrument :
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TP2-B

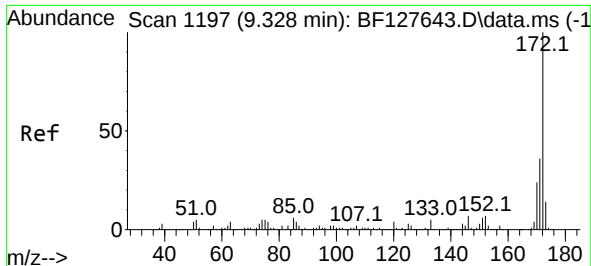
Tgt Ion:164 Resp: 273148
Ion Ratio Lower Upper
164 100
162 100.4 81.2 121.8
160 44.8 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 126.490 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127712.D
Acq: 08 Apr 2022 14:30

Tgt Ion:330 Resp: 367668
Ion Ratio Lower Upper
330 100
332 95.8 79.1 118.7
141 33.2 26.2 39.4

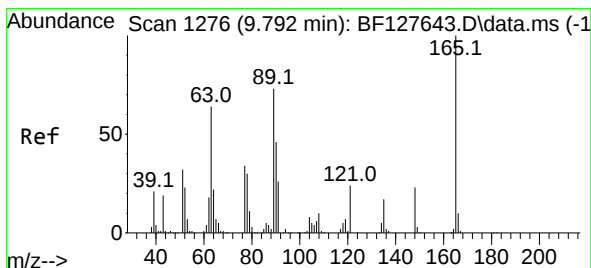
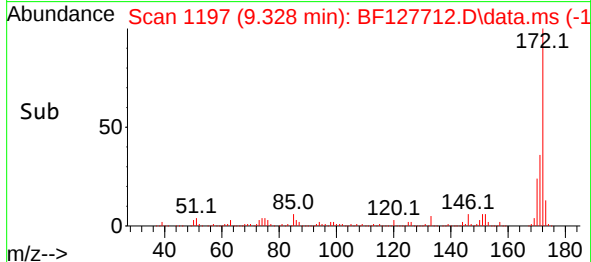
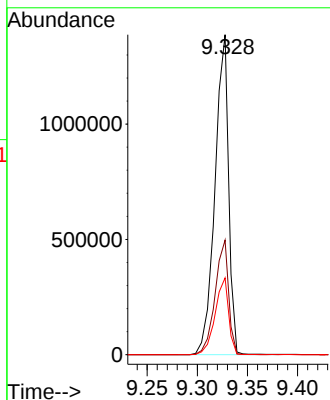
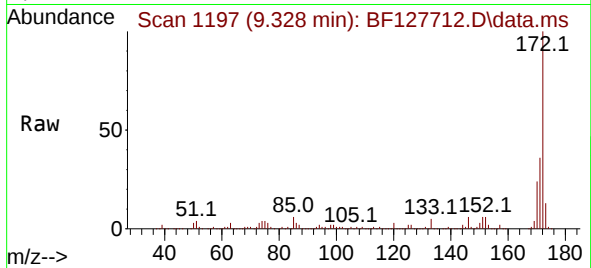




#45
2-Fluorobiphenyl
Concen: 67.977 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF127712.D
Acq: 08 Apr 2022 14:30

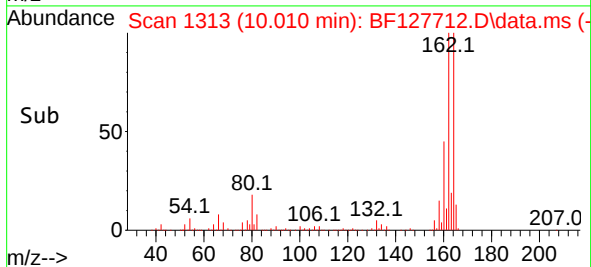
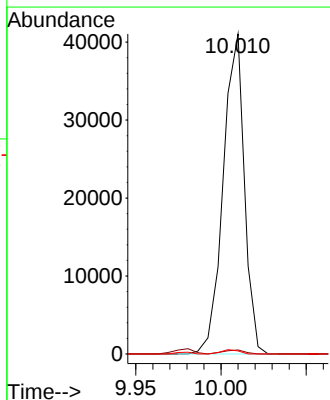
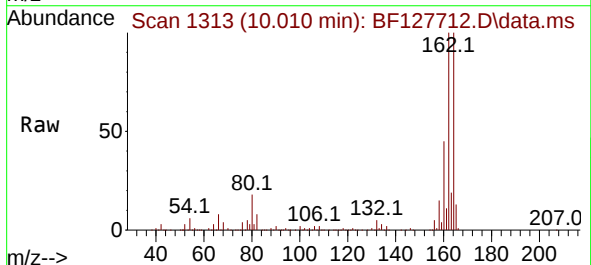
Instrument :
BNA_F
ClientSampleId :
TP2-B

Tgt Ion:172 Resp: 1312522
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.483 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF127712.D
Acq: 08 Apr 2022 14:30

Tgt Ion:165 Resp: 35393
Ion Ratio Lower Upper
165 100
63 1.2 58.3 87.5#
89 0.9 51.5 77.3#

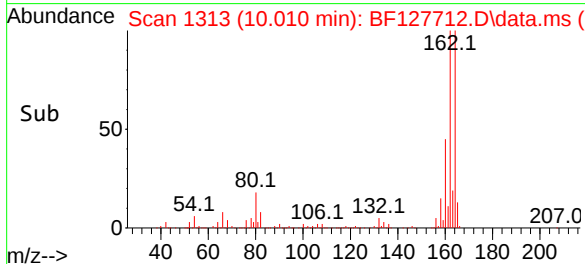
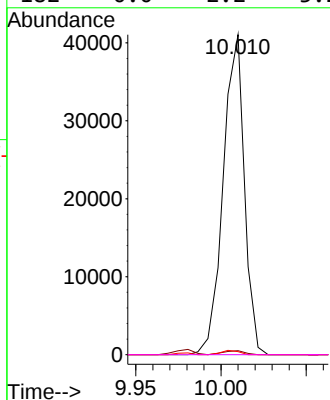
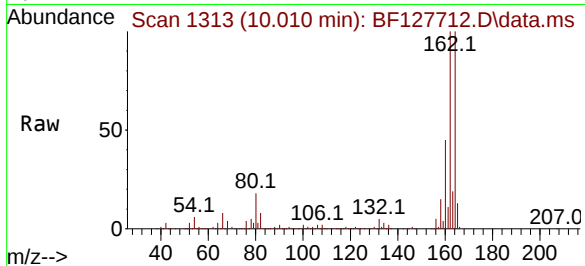




#57
2,4-Dinitrotoluene
Concen: 7.649 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127712.D
Acq: 08 Apr 2022 14:30

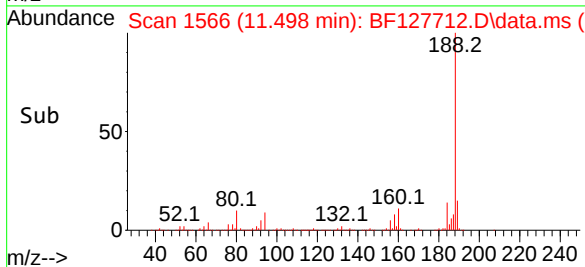
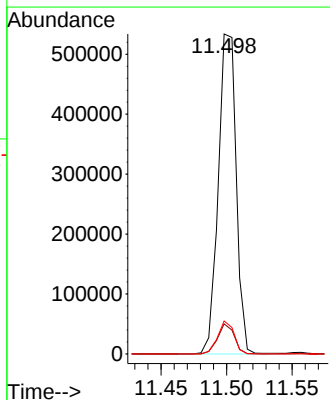
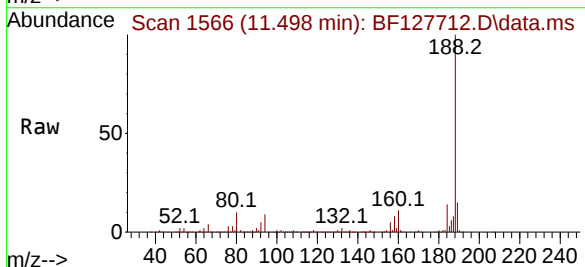
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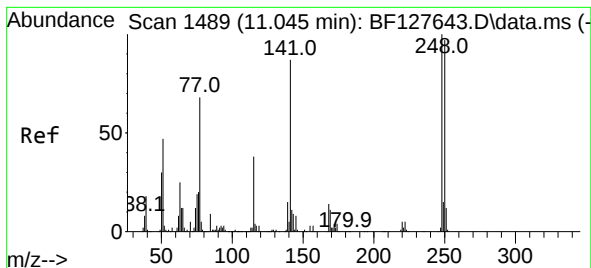
Tgt Ion:165 Resp: 35393
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 0.9 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127712.D
Acq: 08 Apr 2022 14:30

Tgt Ion:188 Resp: 507074
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.3 8.0 12.0

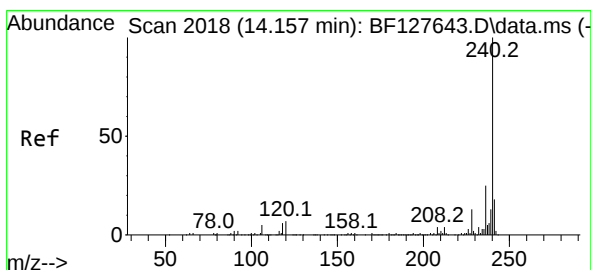
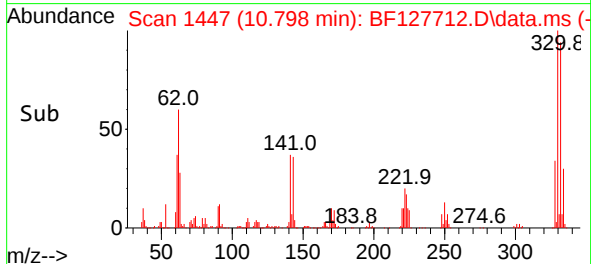
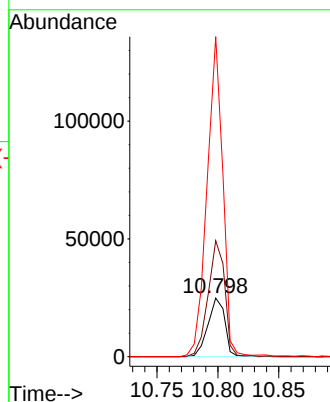
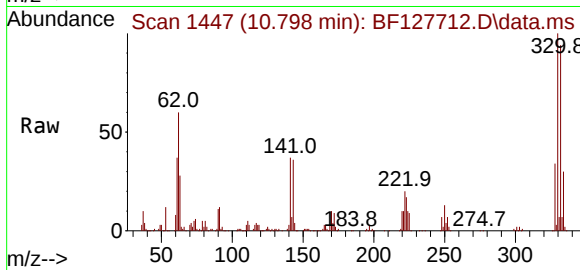




#67
4-Bromophenyl-phenylether
Concen: 3.893 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127712.D
Acq: 08 Apr 2022 14:30

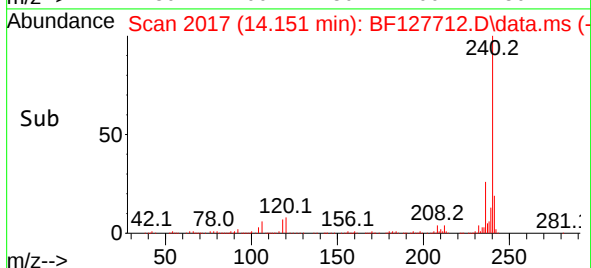
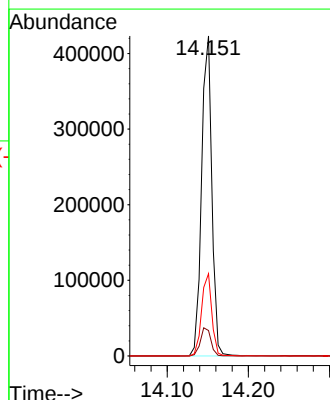
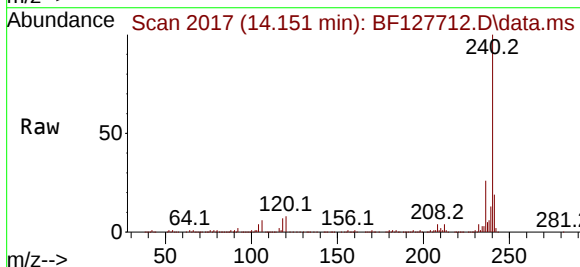
Instrument :
BNA_F
ClientSampleId :
TP2-B

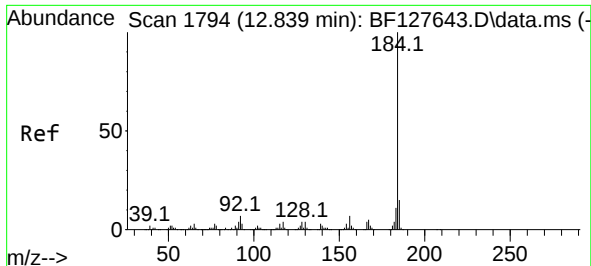
Tgt Ion:248 Resp: 23957
Ion Ratio Lower Upper
248 100
250 198.1 76.6 115.0#
141 546.5 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127712.D
Acq: 08 Apr 2022 14:30

Tgt Ion:240 Resp: 371903
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 25.7 20.7 31.1

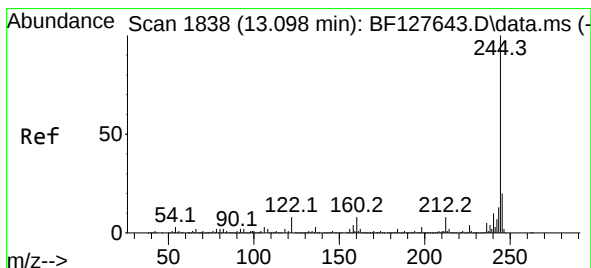
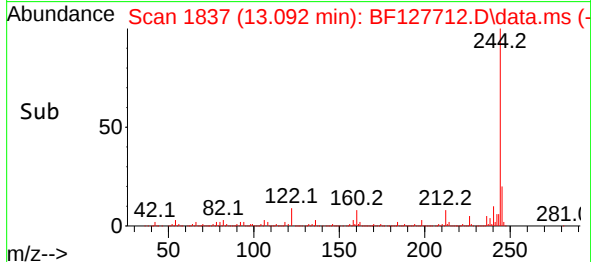
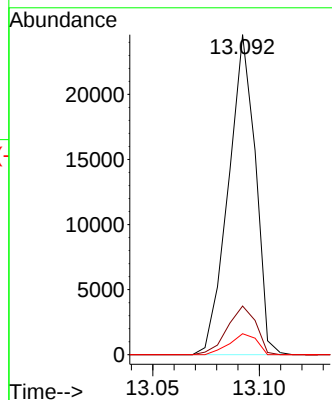
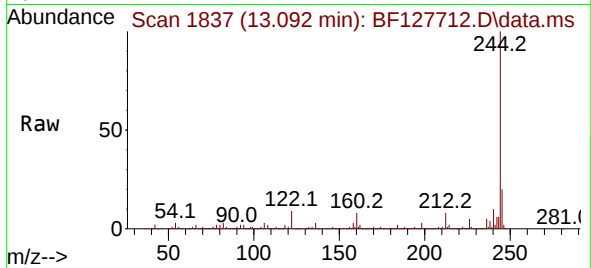




#77
Benzidine
Concen: 2.234 ng
RT: 13.092 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF127712.D
Acq: 08 Apr 2022 14:30

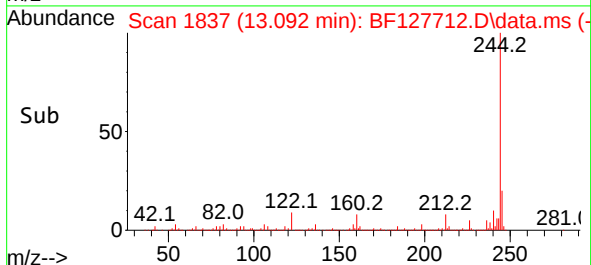
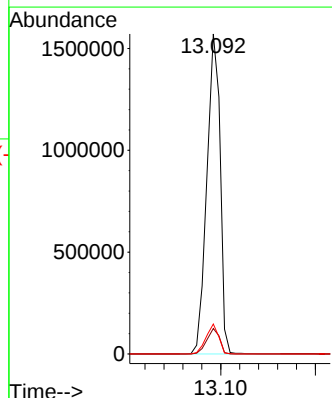
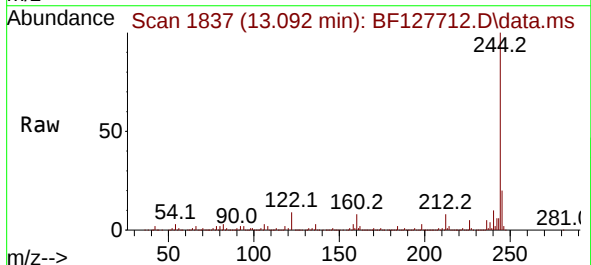
Instrument :
BNA_F
ClientSampleId :
TP2-B

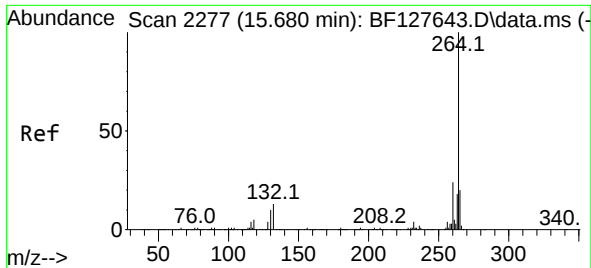
Tgt Ion:184 Resp: 21681
Ion Ratio Lower Upper
184 100
185 15.2 12.2 18.2
183 6.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 67.622 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127712.D
Acq: 08 Apr 2022 14:30

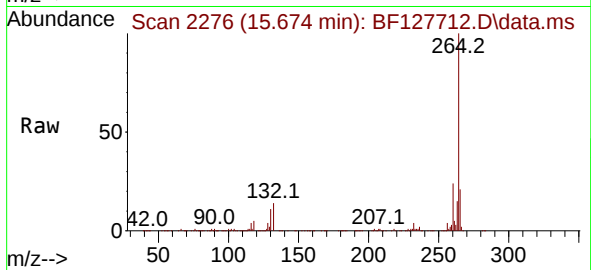
Tgt Ion:244 Resp: 1523620
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 9.4 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127712.D
Acq: 08 Apr 2022 14:30

Instrument :
BNA_F
ClientSampleId :
TP2-B



Tgt Ion:264 Resp: 267294

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.0	17.4	26.2

