

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127716.D
 Acq On : 08 Apr 2022 16:27
 Operator : CG\JU
 Sample : N2317-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-5

Quant Time: Apr 11 02:21:58 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)

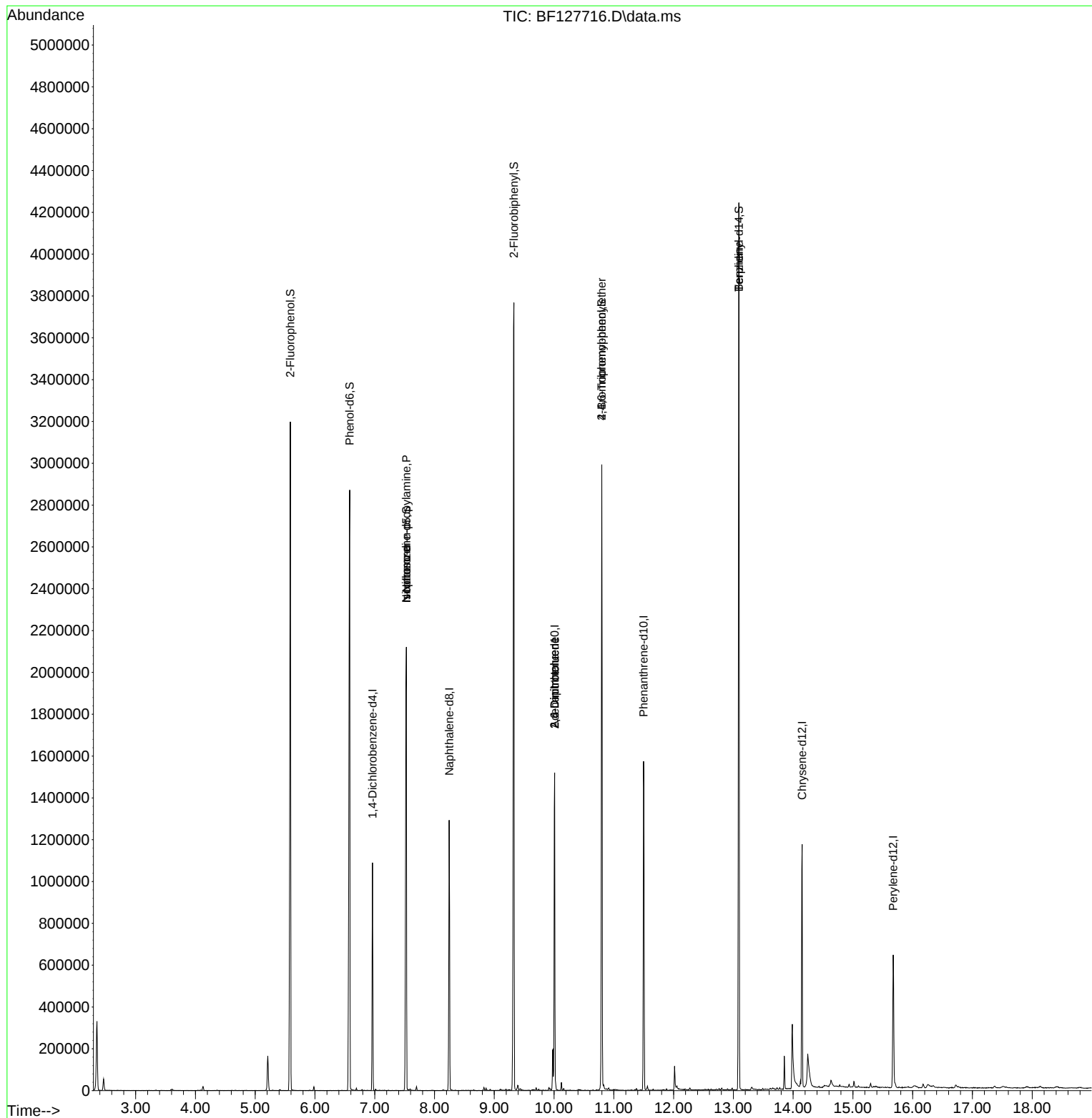
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	144904	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	540016	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	316634	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	595598	20.000	ng	0.00
76) Chrysene-d12	14.151	240	417869	20.000	ng	0.00
86) Perylene-d12	15.674	264	297825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	835605	93.702	ng	0.00
7) Phenol-d6	6.581	99	1088045	93.264	ng	0.00
23) Nitrobenzene-d5	7.528	82	763092	62.997	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	366835	108.871	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1306363	58.366	ng	0.00
79) Terphenyl-d14	13.092	244	1521508	60.100	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.581	77	1920	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	103736	13.748	ng	# 75
25) Isophorone	7.528	82	760864	35.998	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	40911	9.457	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	40911	7.627	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	23051	3.189	ng	# 1
77) Benizidine	13.092	184	22218	2.037	ng	# 93

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

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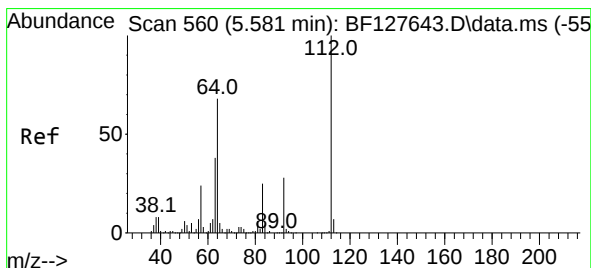
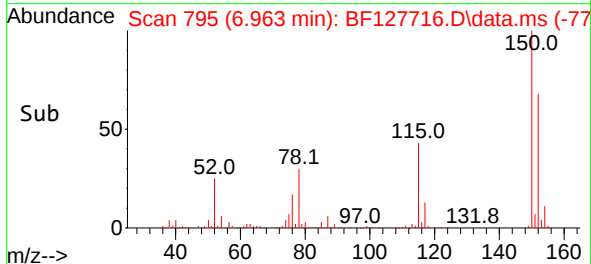
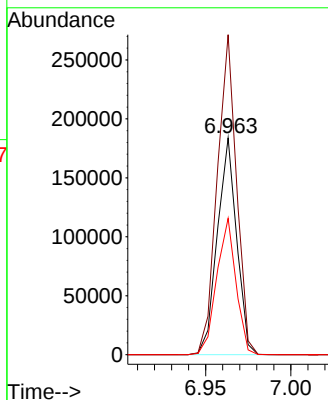
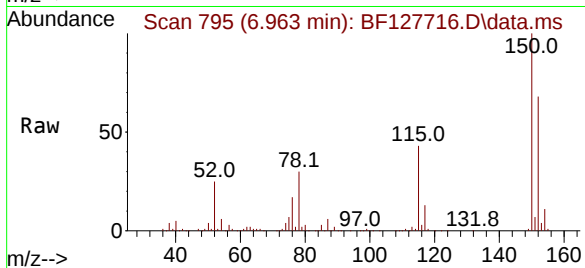




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127716.D
Acq: 08 Apr 2022 16:27

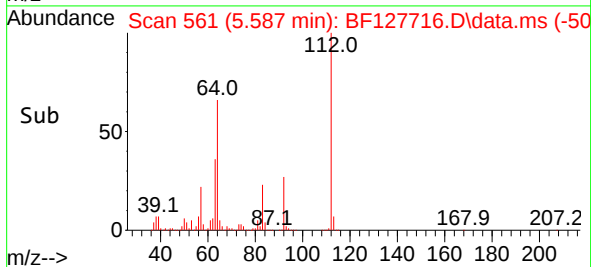
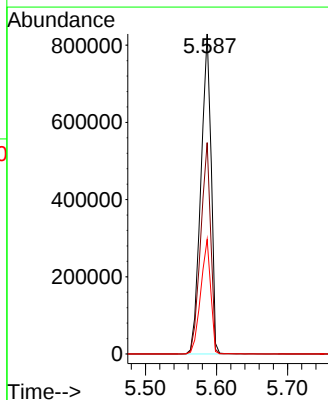
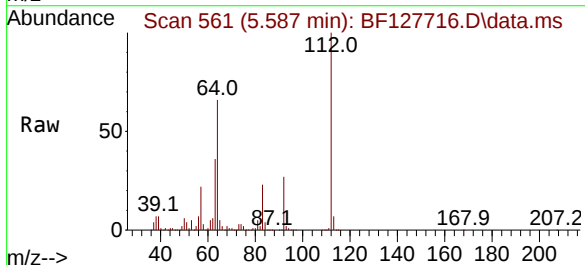
Instrument :
BNA_F
ClientSampleId :
NORTH-5

Tgt Ion:152 Resp: 144904
Ion Ratio Lower Upper
152 100
150 147.6 117.2 175.8
115 62.9 49.8 74.6



#5
2-Fluorophenol
Concen: 93.702 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127716.D
Acq: 08 Apr 2022 16:27

Tgt Ion:112 Resp: 835605
Ion Ratio Lower Upper
112 100
64 66.1 58.4 87.6
63 35.8 30.1 45.1

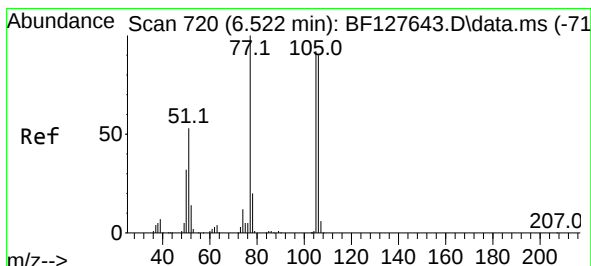
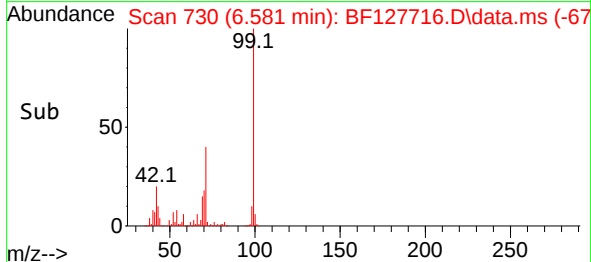
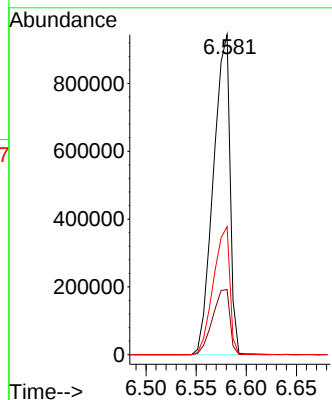
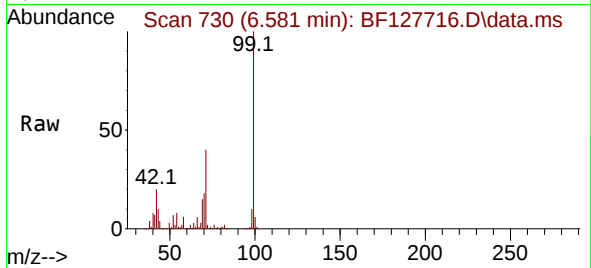




#7
Phenol-d6
Concen: 93.264 ng
RT: 6.581 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127716.D
Acq: 08 Apr 2022 16:27

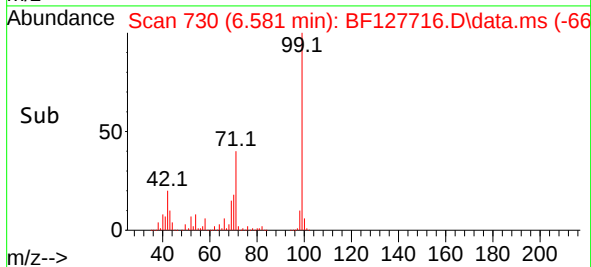
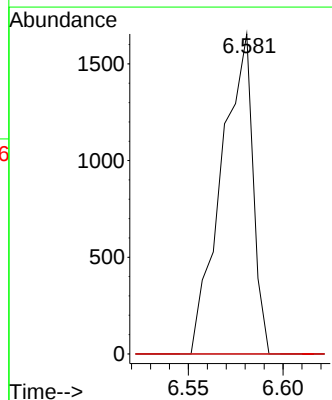
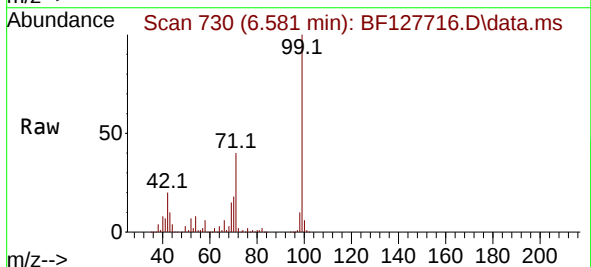
Instrument :
BNA_F
ClientSampleId :
NORTH-5

Tgt Ion: 99 Resp: 1088045
Ion Ratio Lower Upper
99 100
42 20.3 17.8 26.6
71 40.0 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 730
Delta R.T. 0.059 min
Lab File: BF127716.D
Acq: 08 Apr 2022 16:27

Tgt Ion: 77 Resp: 1920
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: 13.748 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127716.D

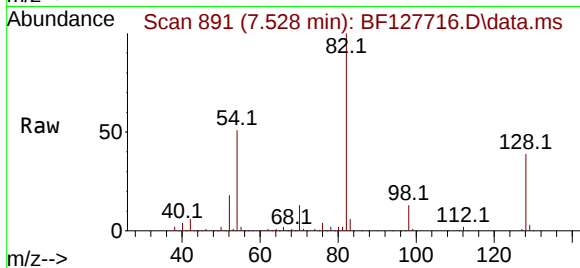
Acq: 08 Apr 2022 16:27

Instrument :

BNA_F

ClientSampleId :

NORTH-5



Tgt Ion: 70 Resp: 103736

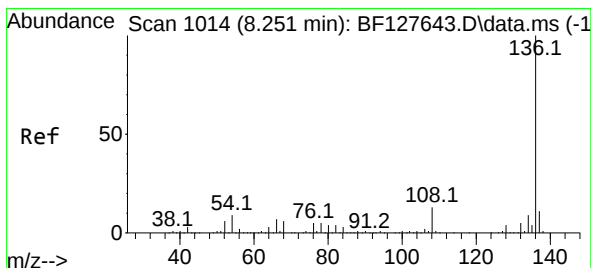
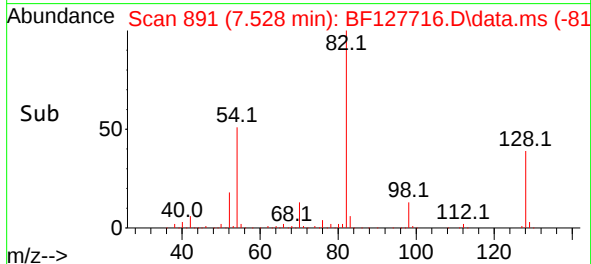
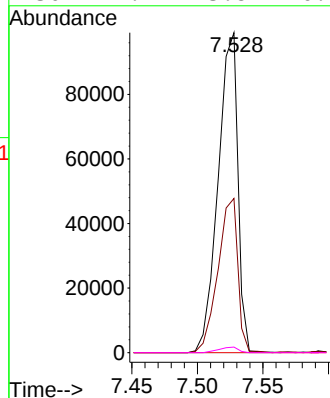
Ion Ratio Lower Upper

70 100

42 48.2 53.0 79.6#

101 0.0 6.8 10.2#

130 1.7 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: BF127716.D

Acq: 08 Apr 2022 16:27

Tgt Ion: 136 Resp: 540016

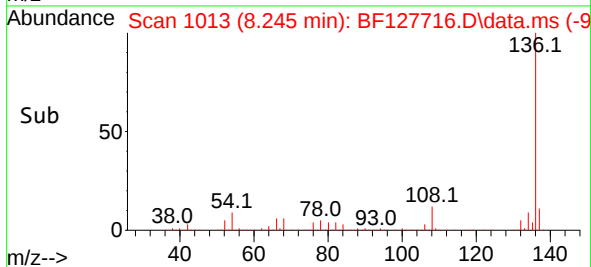
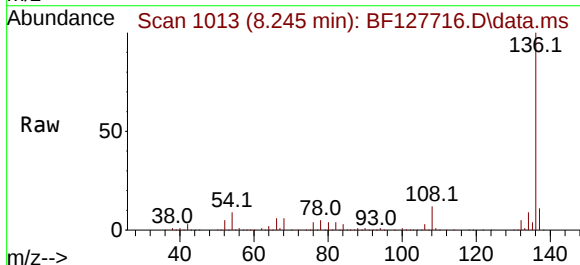
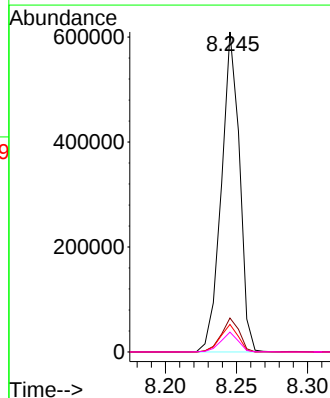
Ion Ratio Lower Upper

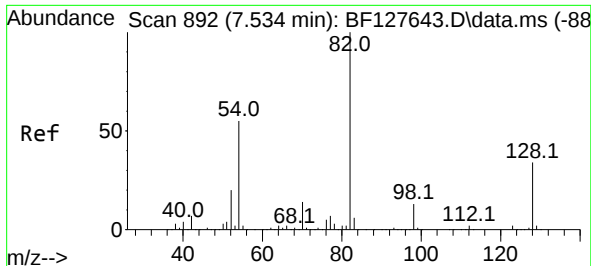
136 100

137 10.6 8.6 13.0

54 8.6 9.2 13.8#

68 6.2 5.4 8.0

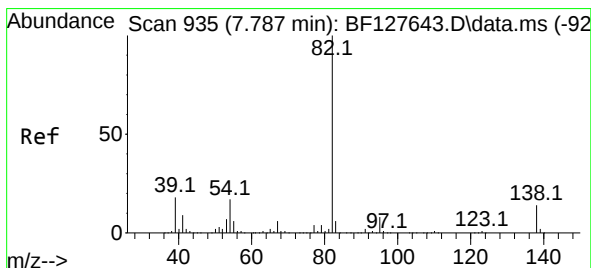
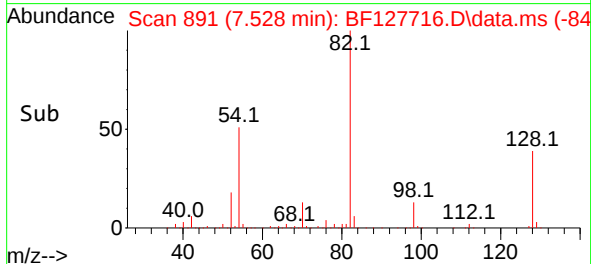
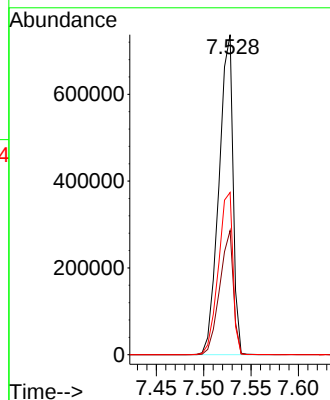
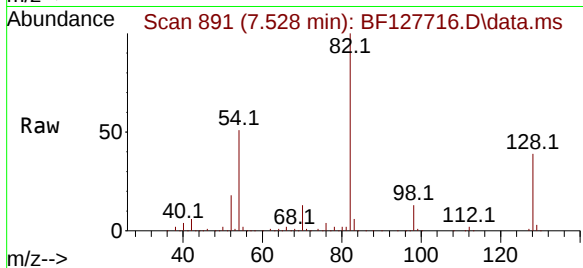




#23
Nitrobenzene-d5
Concen: 62.997 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127716.D
Acq: 08 Apr 2022 16:27

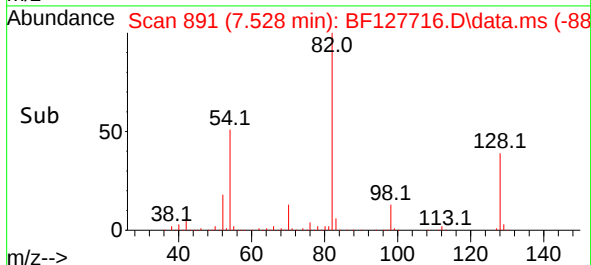
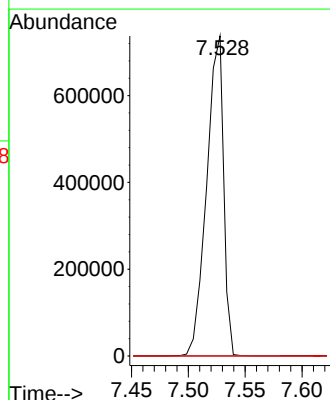
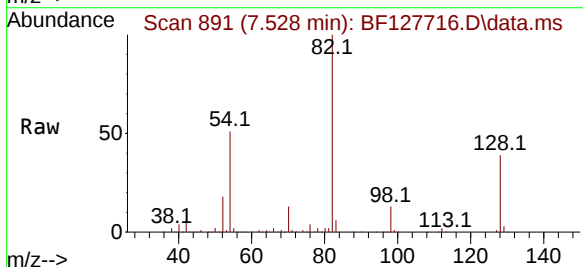
Instrument :
BNA_F
ClientSampleId :
NORTH-5

Tgt Ion: 82 Resp: 763092
Ion Ratio Lower Upper
82 100
128 38.8 30.6 45.8
54 50.7 48.2 72.2



#25
Isophorone
Concen: 35.998 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127716.D
Acq: 08 Apr 2022 16:27

Tgt Ion: 82 Resp: 760864
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

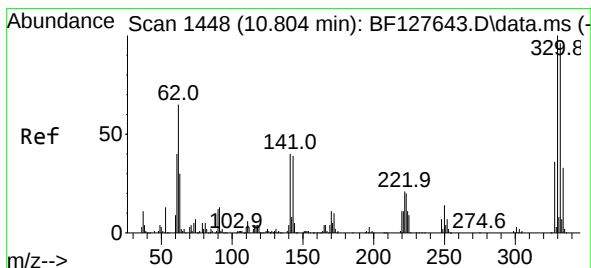
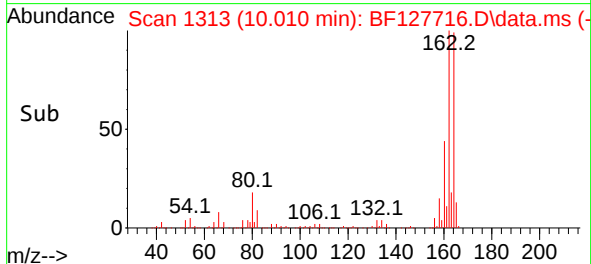
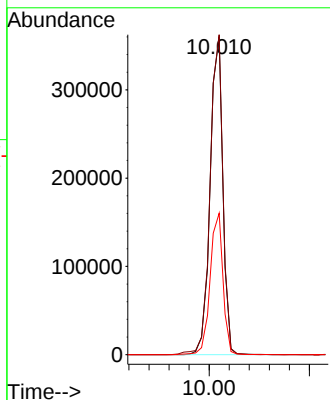
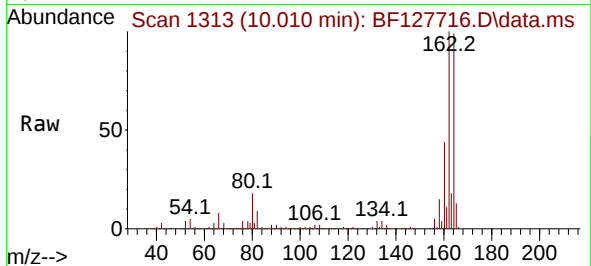




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127716.D
 Acq: 08 Apr 2022 16:27

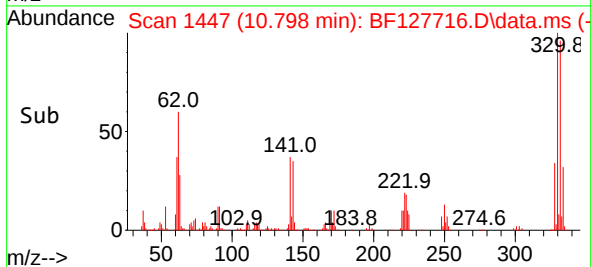
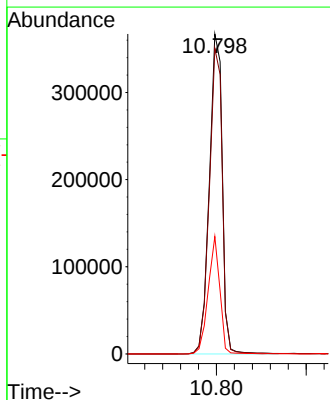
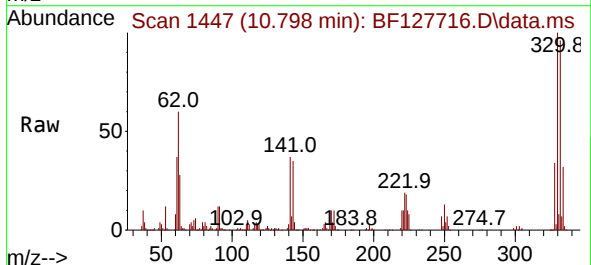
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 NORTH-5

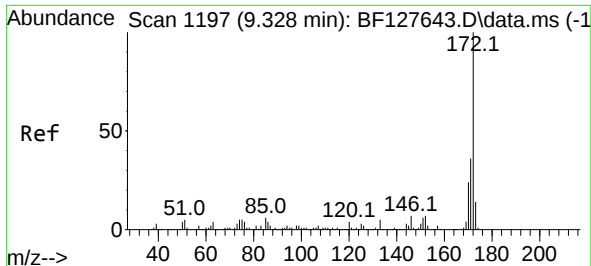
Tgt Ion:164 Resp: 316634
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.2 121.8
 160 44.5 34.6 52.0



#42
 2,4,6-Tribromophenol
 Concen: 108.871 ng
 RT: 10.798 min Scan# 1447
 Delta R.T. -0.006 min
 Lab File: BF127716.D
 Acq: 08 Apr 2022 16:27

Tgt Ion:330 Resp: 366835
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.1 118.7
 141 33.2 26.2 39.4

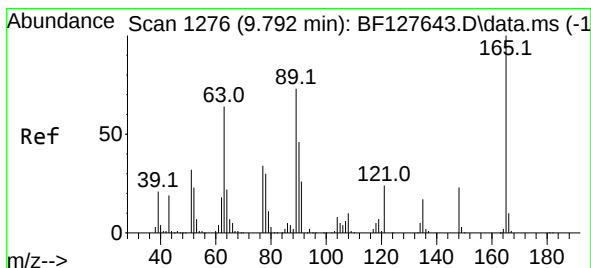
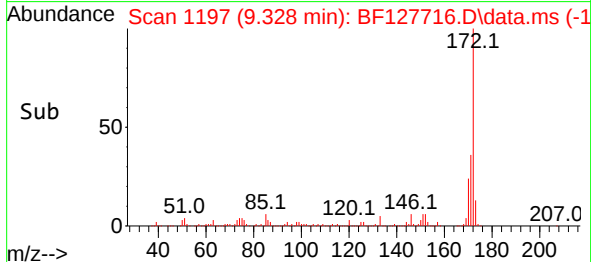
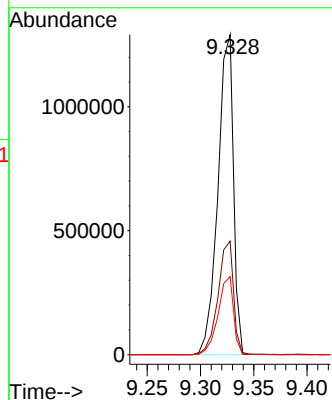
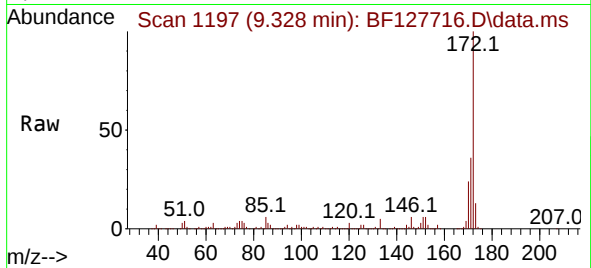




#45
2-Fluorobiphenyl
Concen: 58.366 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF127716.D
Acq: 08 Apr 2022 16:27

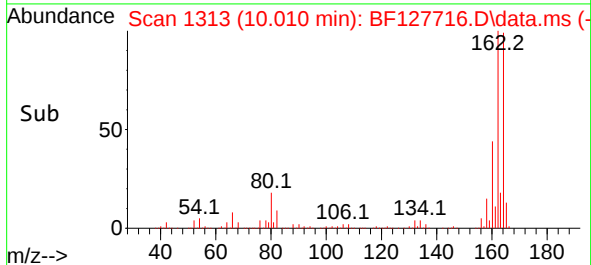
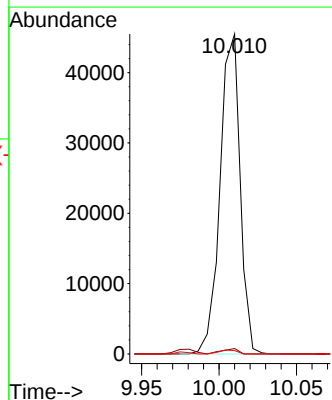
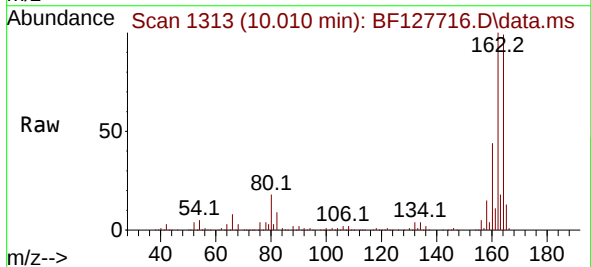
Instrument :
BNA_F
ClientSampleId :
NORTH-5

Tgt Ion:172 Resp: 1306363
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.457 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF127716.D
Acq: 08 Apr 2022 16:27

Tgt Ion:165 Resp: 40911
Ion Ratio Lower Upper
165 100
63 1.7 58.3 87.5#
89 1.1 51.5 77.3#

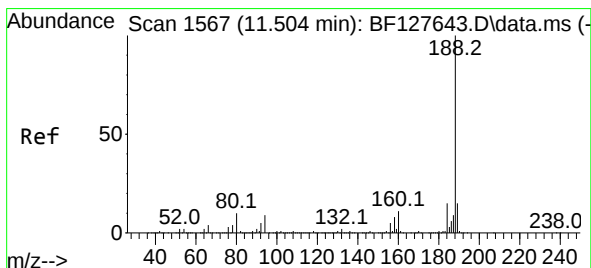
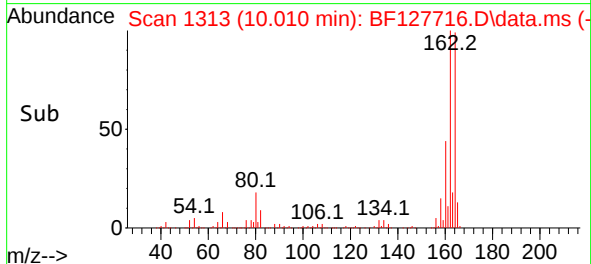
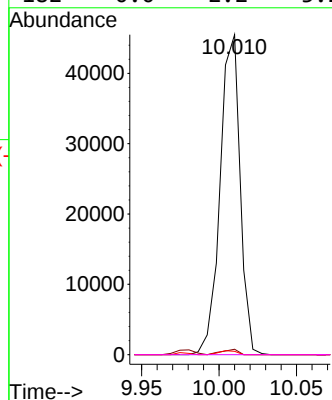
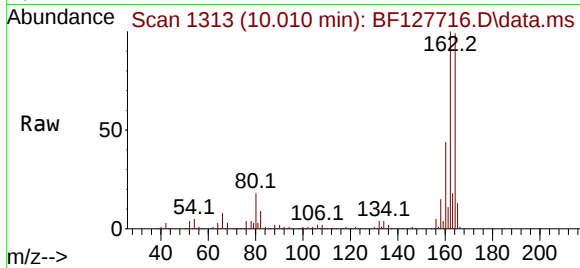




#57
2,4-Dinitrotoluene
Concen: 7.627 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127716.D
Acq: 08 Apr 2022 16:27

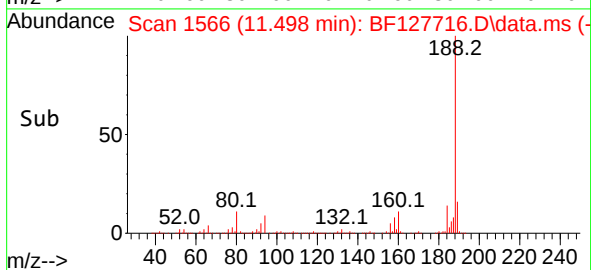
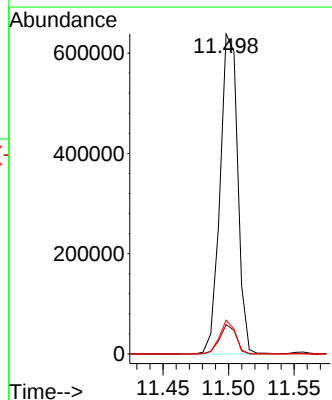
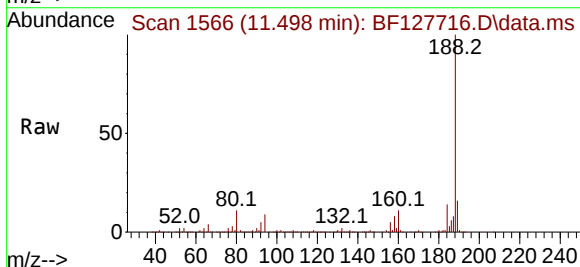
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BNA_F
ClientSampleId :
NORTH-5

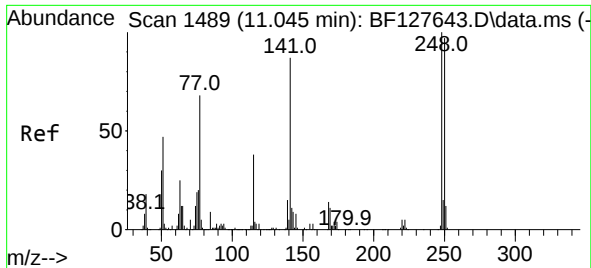
Tgt Ion:165 Resp: 40911
Ion Ratio Lower Upper
165 100
63 1.7 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127716.D
Acq: 08 Apr 2022 16:27

Tgt Ion:188 Resp: 595598
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.5 8.0 12.0

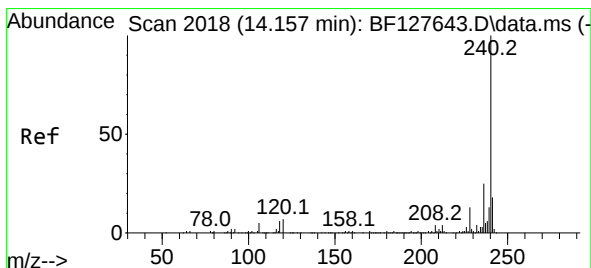
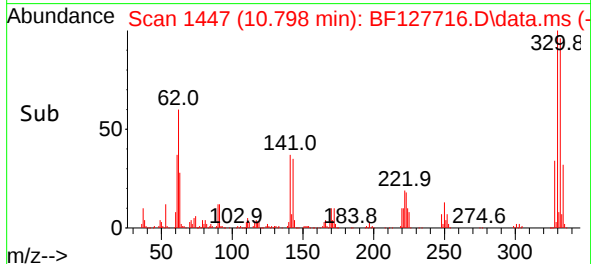
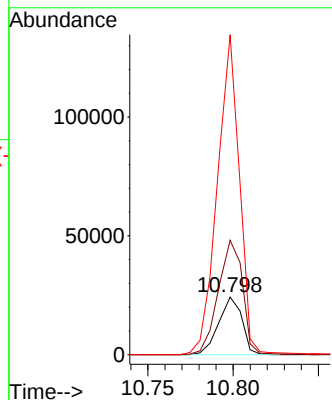
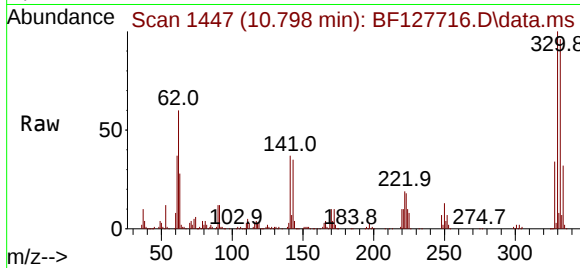




#67
4-Bromophenyl-phenylether
Concen: 3.189 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127716.D
Acq: 08 Apr 2022 16:27

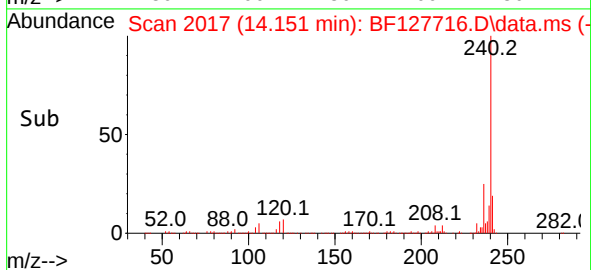
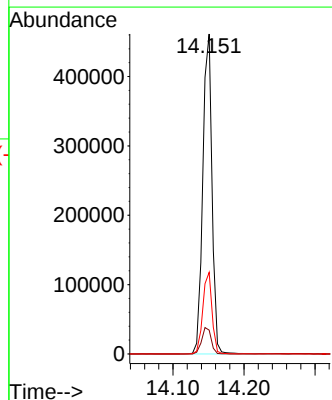
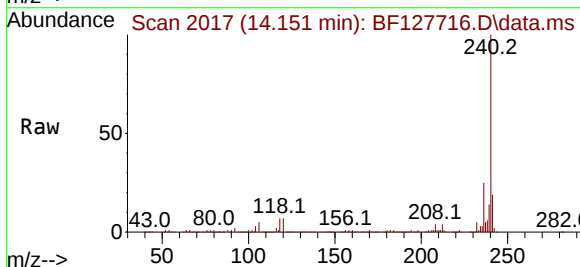
Instrument :
BNA_F
ClientSampleId :
NORTH-5

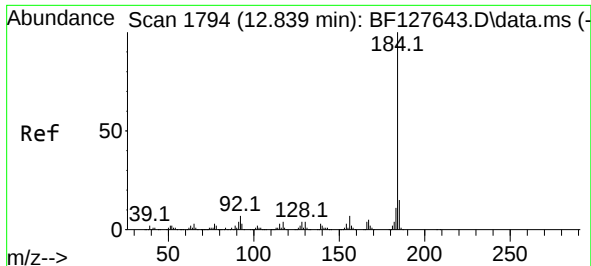
Tgt Ion:248 Resp: 23051
Ion Ratio Lower Upper
248 100
250 198.5 76.6 115.0#
141 555.7 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127716.D
Acq: 08 Apr 2022 16:27

Tgt Ion:240 Resp: 417869
Ion Ratio Lower Upper
240 100
120 7.5 7.1 10.7
236 25.5 20.7 31.1

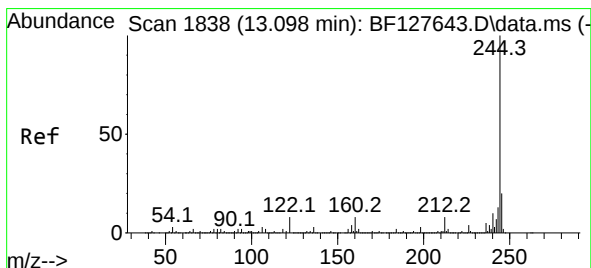
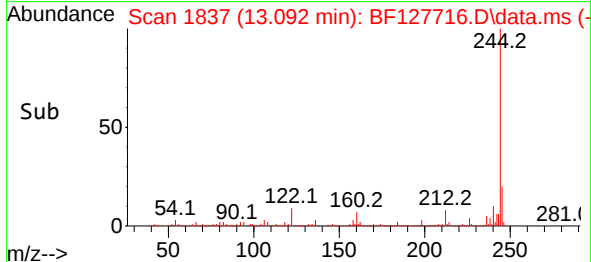
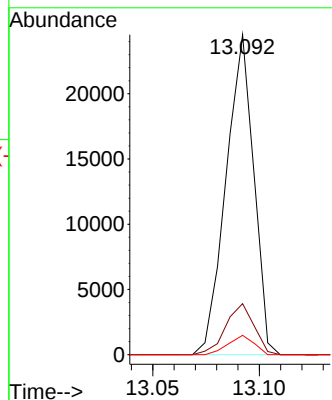
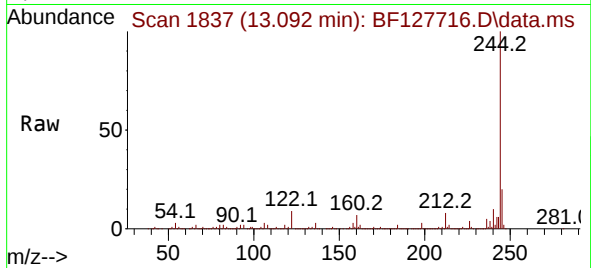




#77
Benzidine
Concen: 2.037 ng
RT: 13.092 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF127716.D
Acq: 08 Apr 2022 16:27

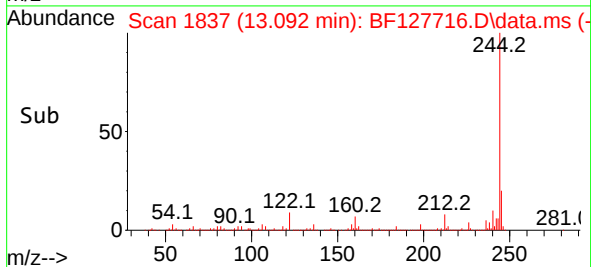
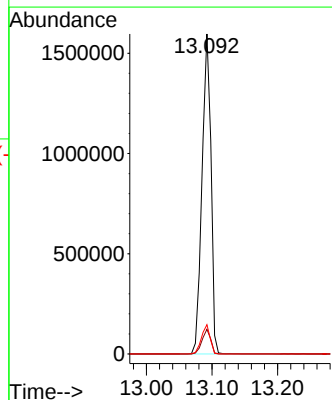
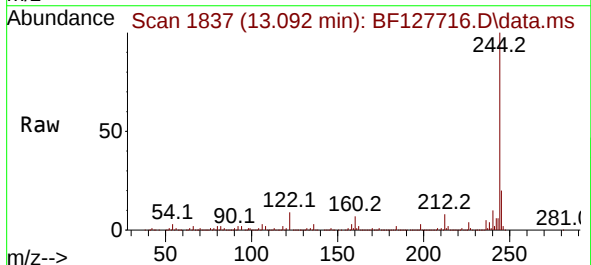
Instrument :
BNA_F
ClientSampleId :
NORTH-5

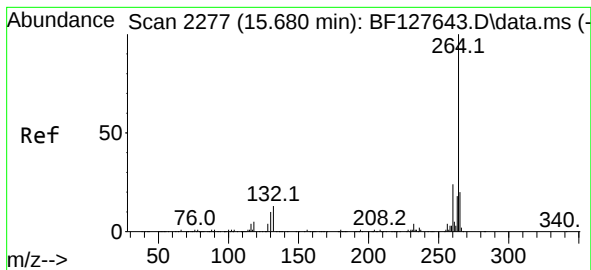
Tgt Ion:184 Resp: 22218
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.2
183 6.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 60.100 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127716.D
Acq: 08 Apr 2022 16:27

Tgt Ion:244 Resp: 1521508
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 9.1 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: BF127716.D
 Acq: 08 Apr 2022 16:27

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-5

Tgt Ion:264 Resp: 297825
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 22.1 17.4 26.2

