

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127713.D
 Acq On : 08 Apr 2022 14:59
 Operator : CG\JU
 Sample : N2317-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-6

Quant Time: Apr 11 02:21:40 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)

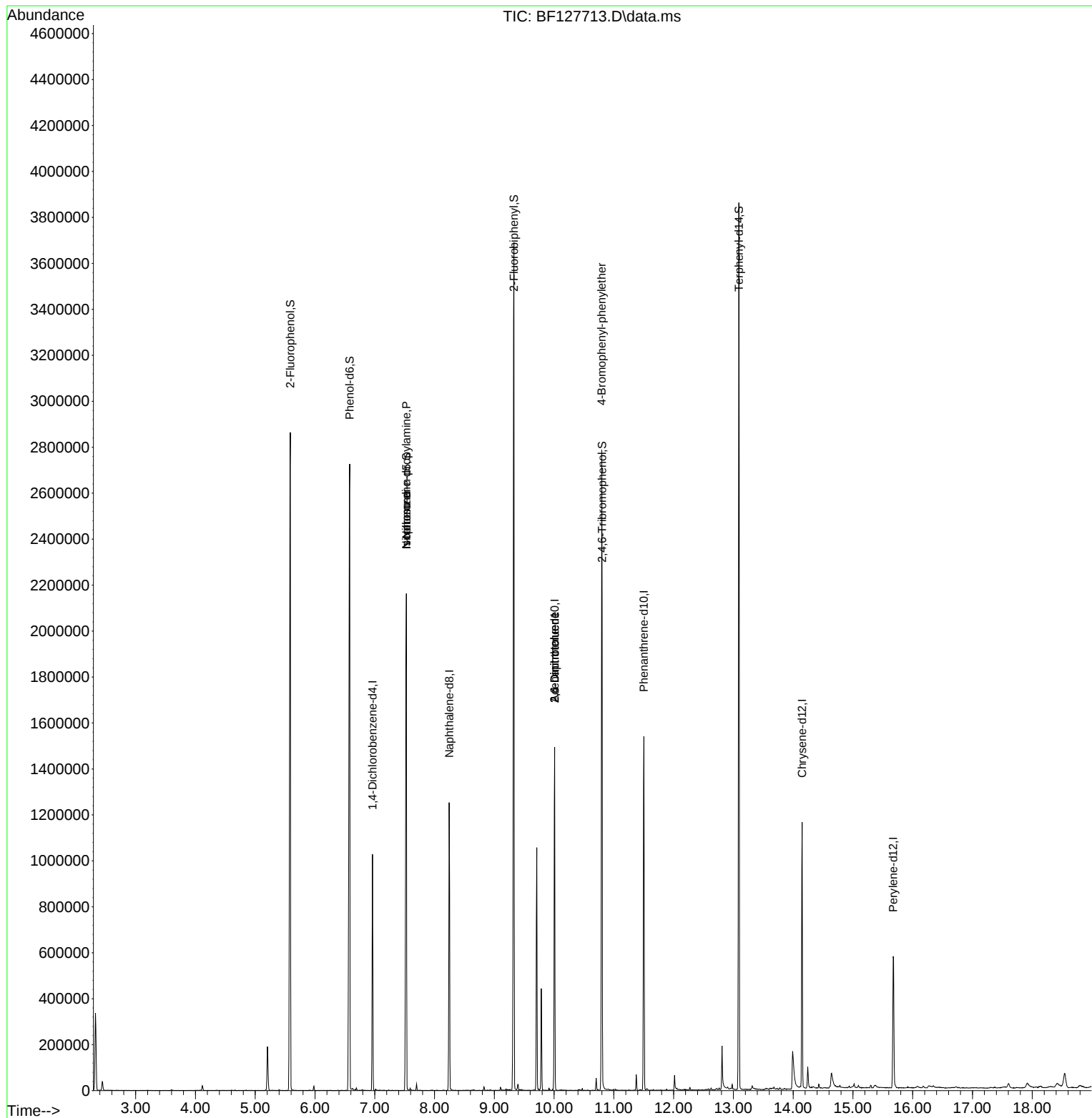
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	138656	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	516272	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	303995	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	564349	20.000	ng	0.00
76) Chrysene-d12	14.151	240	405170	20.000	ng	0.00
86) Perylene-d12	15.674	264	292574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	810404	94.971	ng	0.00
7) Phenol-d6	6.581	99	1047513	93.836	ng	0.00
23) Nitrobenzene-d5	7.528	82	745432	64.370	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	342873	105.990	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1226947	57.097	ng	0.00
79) Terphenyl-d14	13.092	244	1358817	55.356	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.516	77	128	Below Cal	#	66
19) n-Nitroso-di-n-propyla...	7.528	70	99816	13.825	ng	# 75
25) Isophorone	7.528	82	745423	36.889	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	39285	9.458	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	39285	7.629	ng	# 13
67) 4-Bromophenyl-phenylether	10.798	248	21916	3.200	ng	# 1

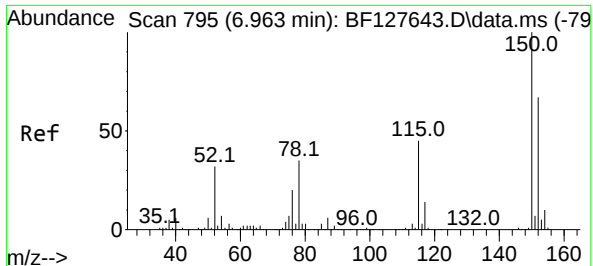
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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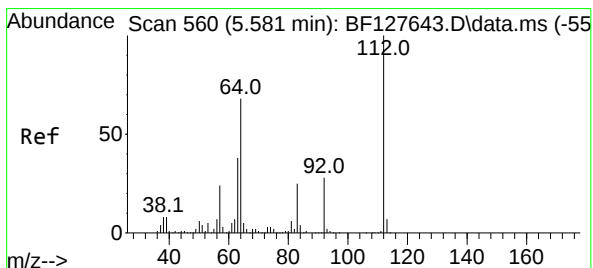
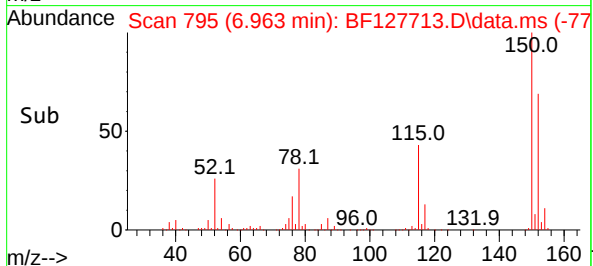
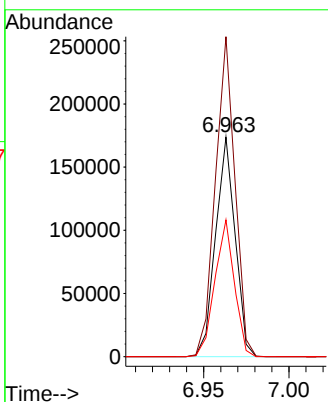
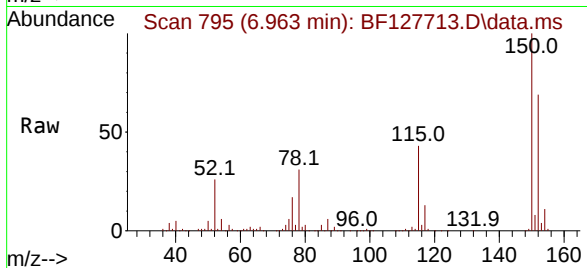




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127713.D
 Acq: 08 Apr 2022 14:59

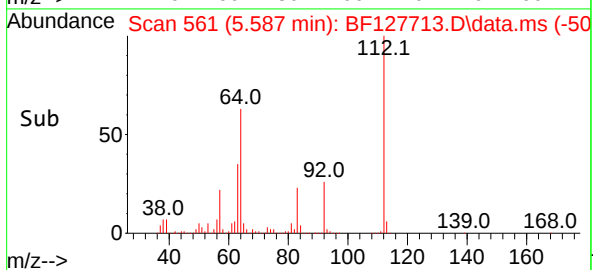
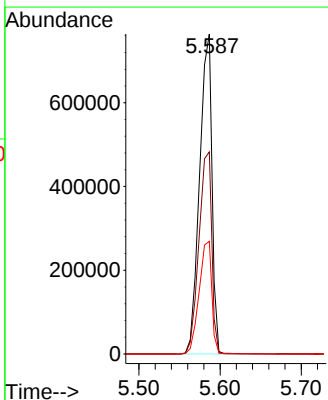
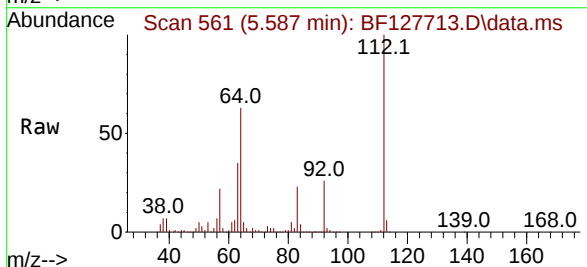
Instrument :
 BNA_F
 ClientSampleId :
 NORTH-6

Tgt Ion:152 Resp: 138656
 Ion Ratio Lower Upper
 152 100
 150 145.8 117.2 175.8
 115 62.3 49.8 74.6



#5
 2-Fluorophenol
 Concen: 94.971 ng
 RT: 5.587 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF127713.D
 Acq: 08 Apr 2022 14:59

Tgt Ion:112 Resp: 810404
 Ion Ratio Lower Upper
 112 100
 64 63.2 58.4 87.6
 63 35.2 30.1 45.1

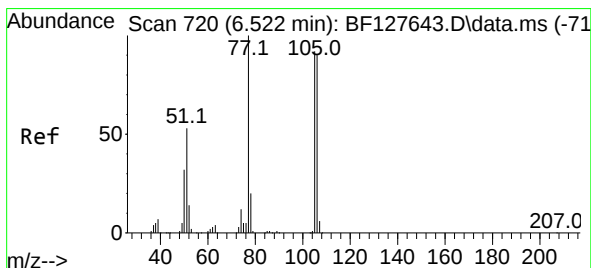
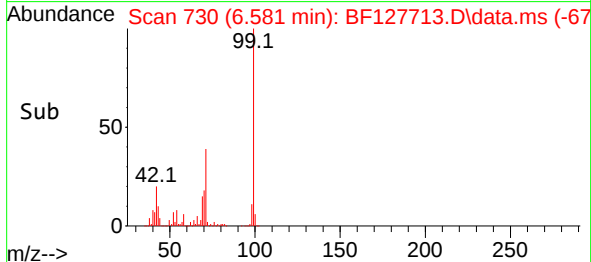
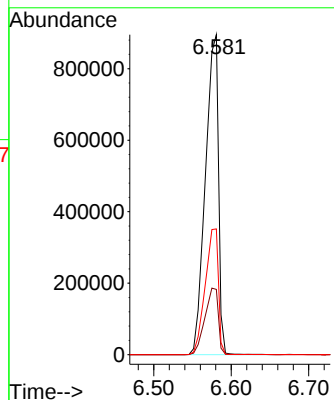
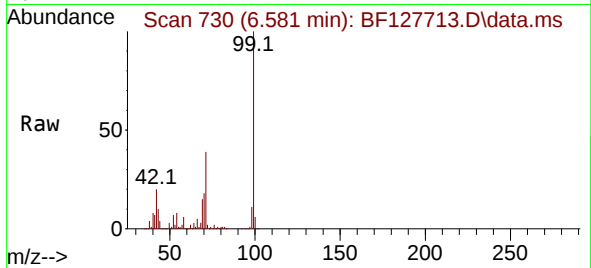




#7
Phenol-d6
Concen: 93.836 ng
RT: 6.581 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF127713.D
Acq: 08 Apr 2022 14:59

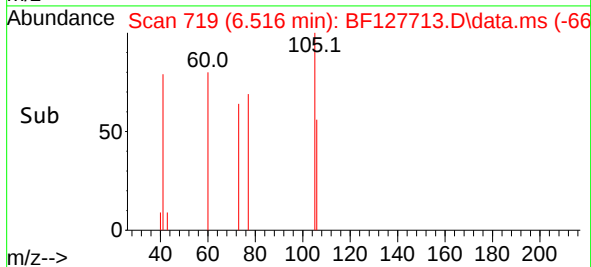
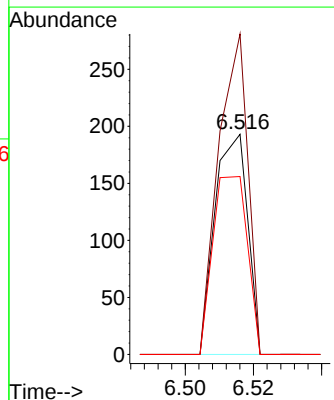
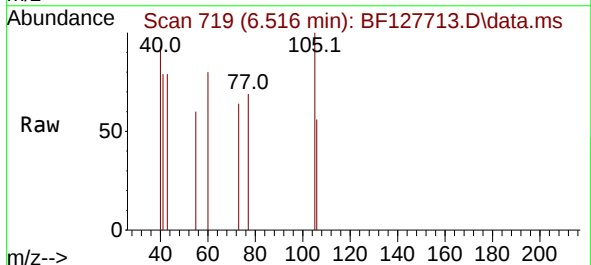
Instrument :
BNA_F
ClientSampleId :
NORTH-6

Tgt Ion: 99 Resp: 1047513
Ion Ratio Lower Upper
99 100
42 20.4 17.8 26.6
71 39.3 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127713.D
Acq: 08 Apr 2022 14:59

Tgt Ion: 77 Resp: 128
Ion Ratio Lower Upper
77 100
105 145.6 66.8 106.8#
106 80.8 64.3 104.3

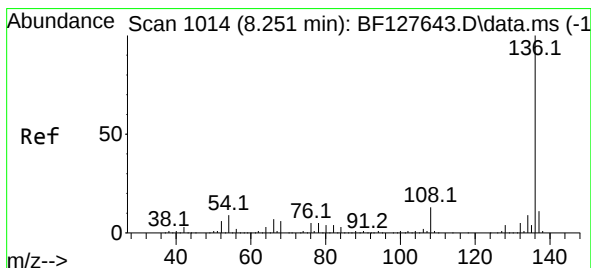
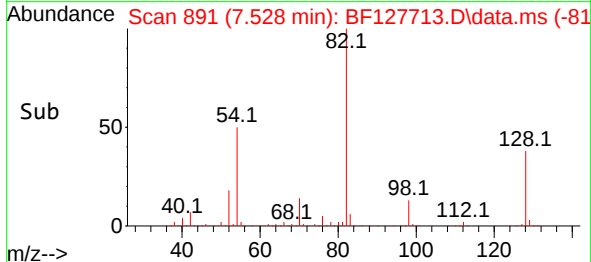
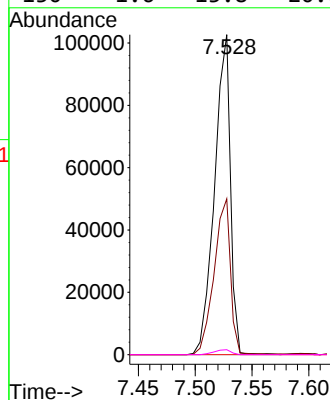
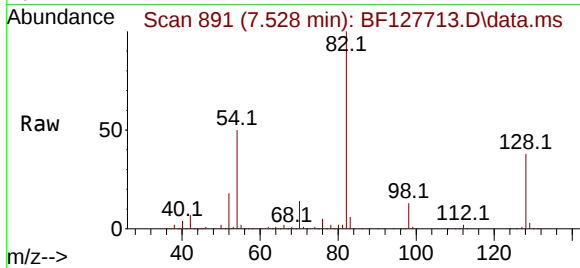




#19
n-Nitroso-di-n-propylamine
Concen: 13.825 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127713.D
Acq: 08 Apr 2022 14:59

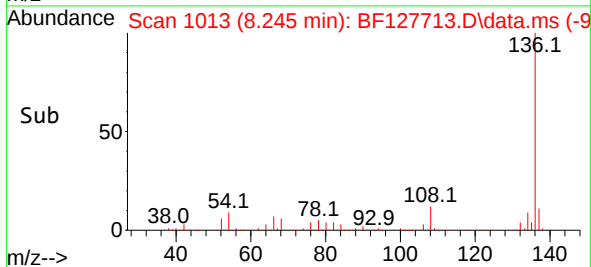
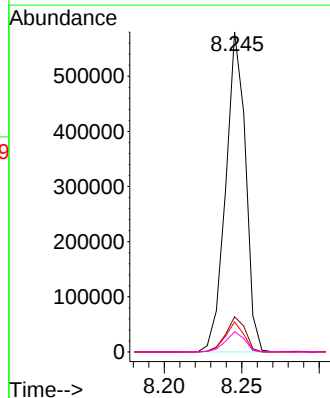
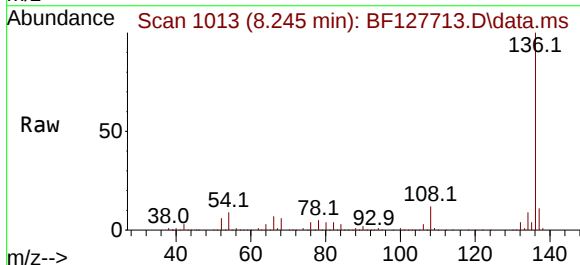
Instrument :
BNA_F
ClientSampleId :
NORTH-6

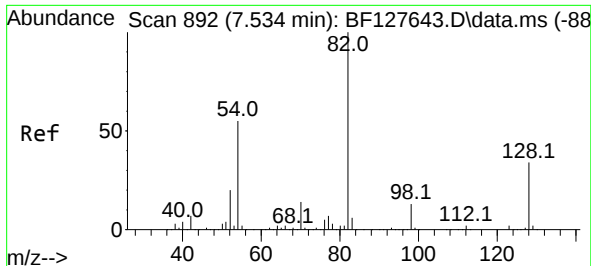
Tgt Ion: 70 Resp: 99816
Ion Ratio Lower Upper
70 100
42 48.7 53.0 79.6#
101 0.0 6.8 10.2#
130 1.6 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127713.D
Acq: 08 Apr 2022 14:59

Tgt Ion: 136 Resp: 516272
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.4 9.2 13.8
68 6.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 64.370 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127713.D

Acq: 08 Apr 2022 14:59

Instrument :

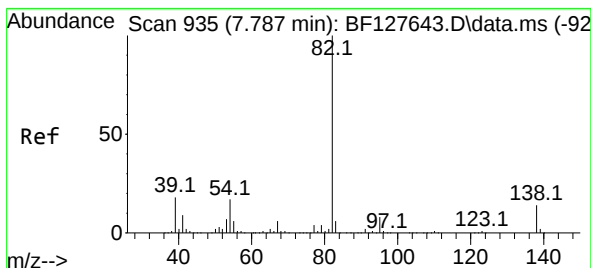
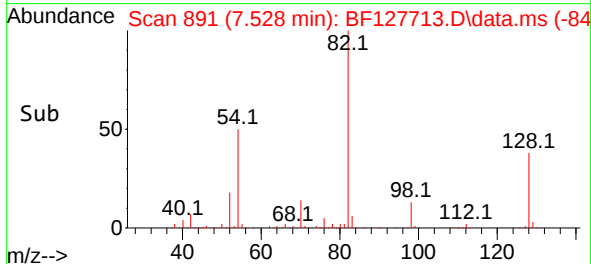
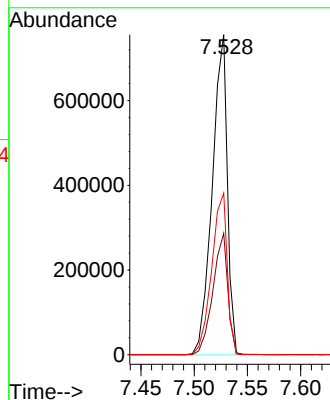
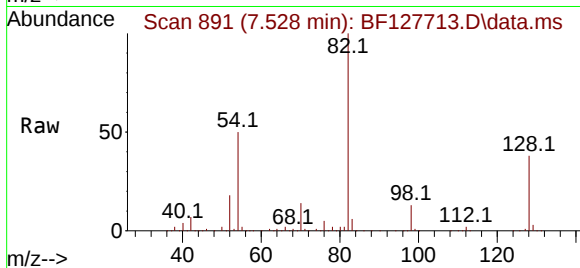
BNA_F

ClientSampleId :

NORTH-6

Tgt Ion: 82 Resp: 745432

Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.6	45.8
54	50.5	48.2	72.2



#25

Isophorone

Concen: 36.889 ng

RT: 7.528 min Scan# 891

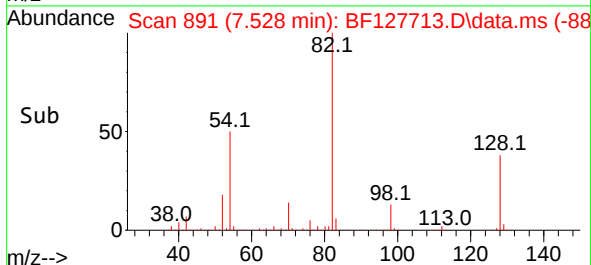
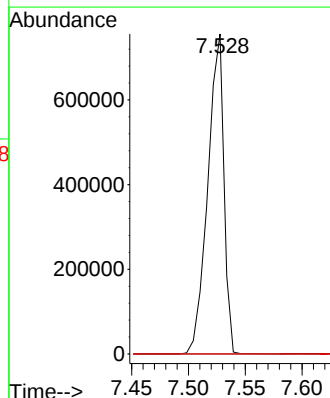
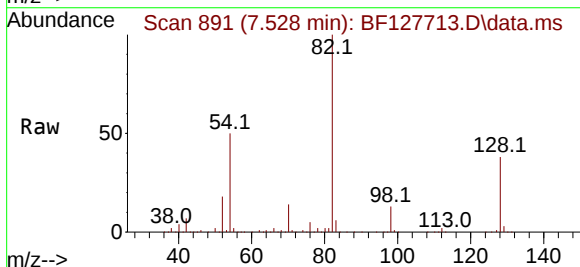
Delta R.T. -0.259 min

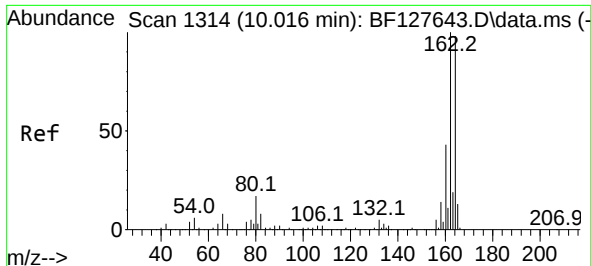
Lab File: BF127713.D

Acq: 08 Apr 2022 14:59

Tgt Ion: 82 Resp: 745423

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

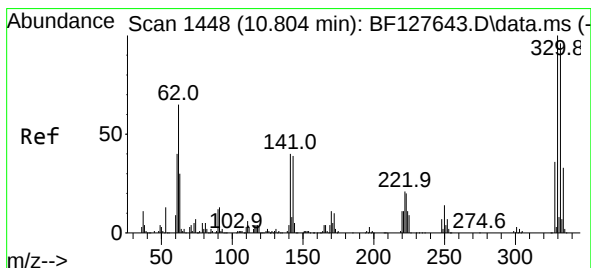
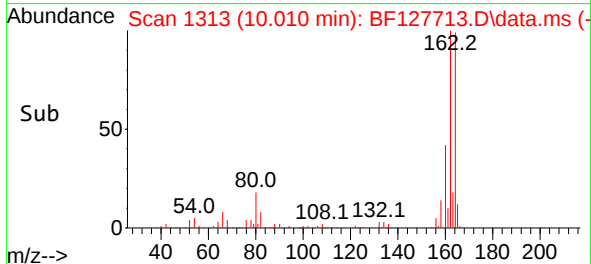
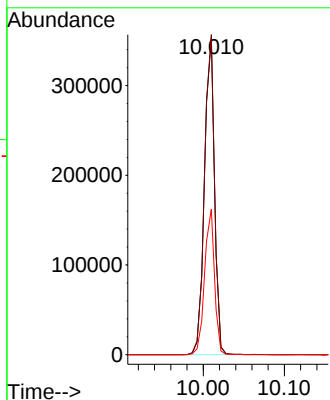
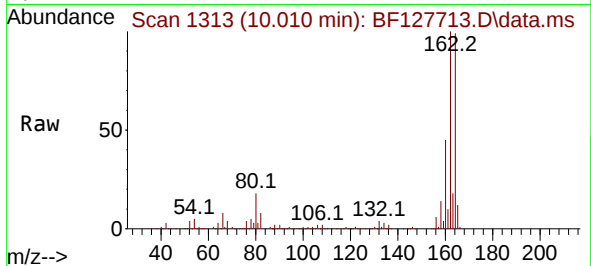




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127713.D
Acq: 08 Apr 2022 14:59

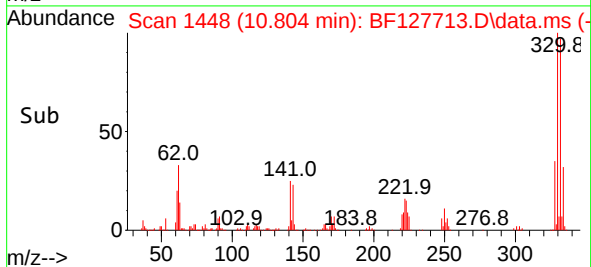
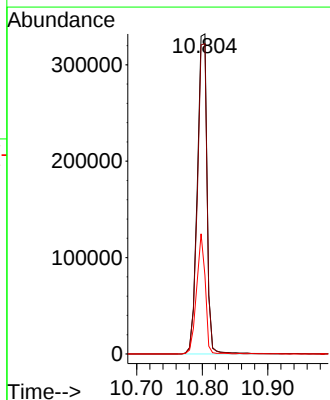
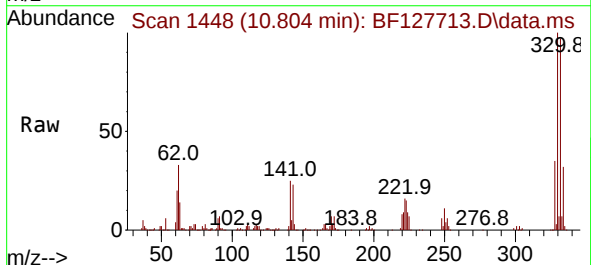
Instrument :
BNA_F
ClientSampleId :
NORTH-6

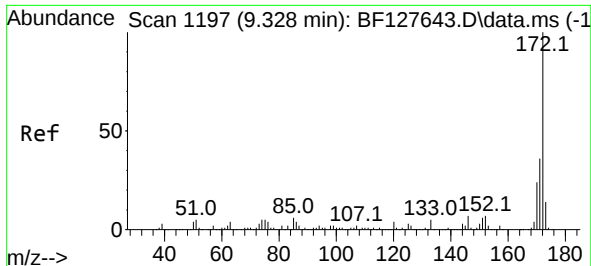
Tgt Ion:164 Resp: 303995
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 46.0 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 105.990 ng
RT: 10.804 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF127713.D
Acq: 08 Apr 2022 14:59

Tgt Ion:330 Resp: 342873
Ion Ratio Lower Upper
330 100
332 96.6 79.1 118.7
141 33.5 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 57.097 ng

RT: 9.328 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF127713.D

Acq: 08 Apr 2022 14:59

Instrument :

BNA_F

ClientSampleId :

NORTH-6

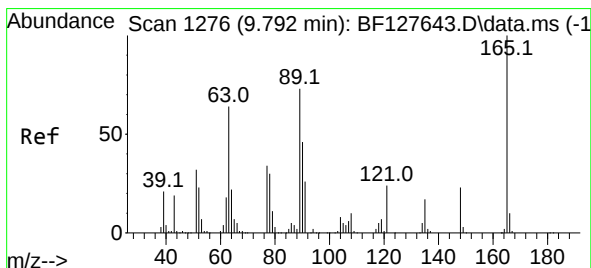
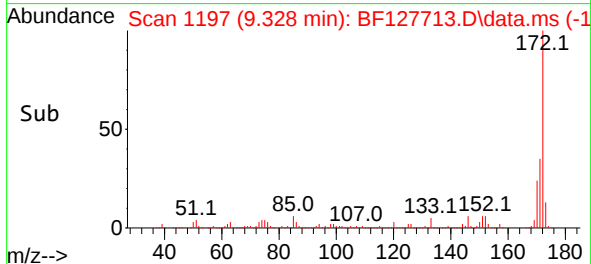
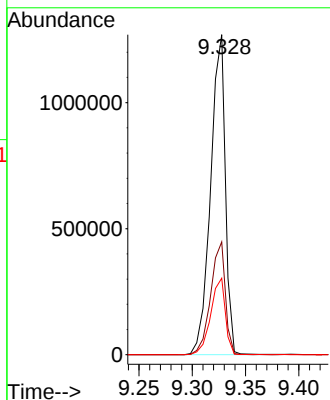
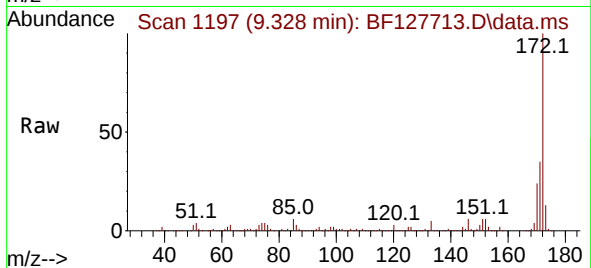
Tgt Ion:172 Resp: 1226947

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.9 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.458 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127713.D

Acq: 08 Apr 2022 14:59

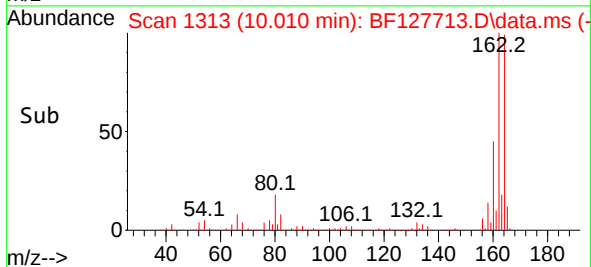
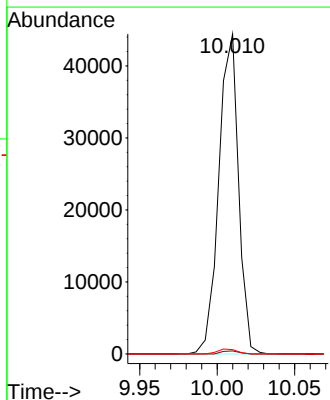
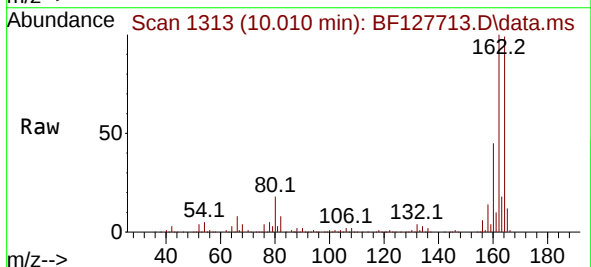
Tgt Ion:165 Resp: 39285

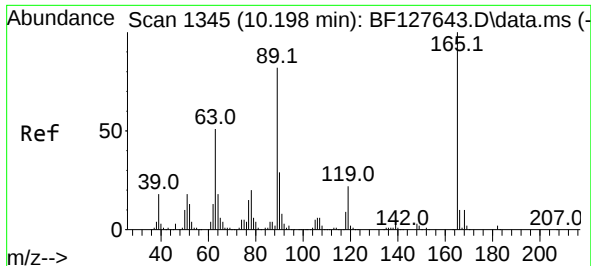
Ion Ratio Lower Upper

165 100

63 1.0 58.3 87.5#

89 1.3 51.5 77.3#

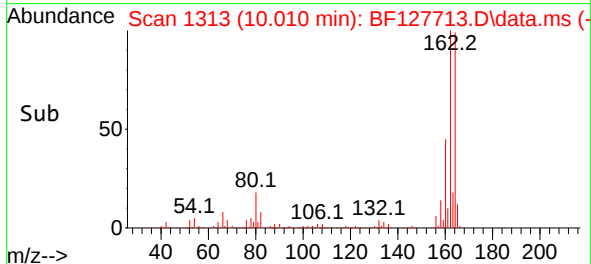
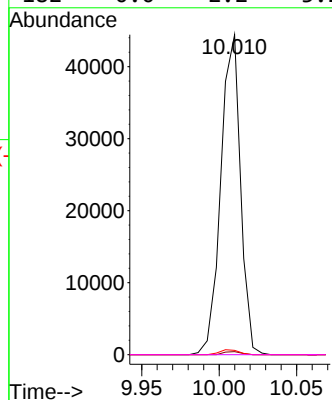
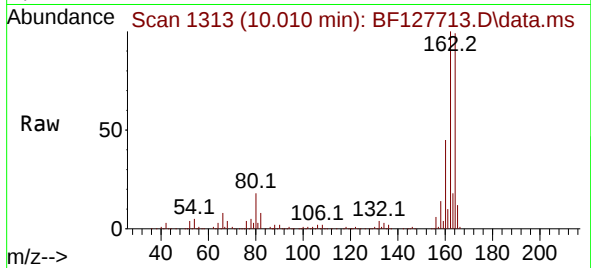




#57
2,4-Dinitrotoluene
Concen: 7.629 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127713.D
Acq: 08 Apr 2022 14:59

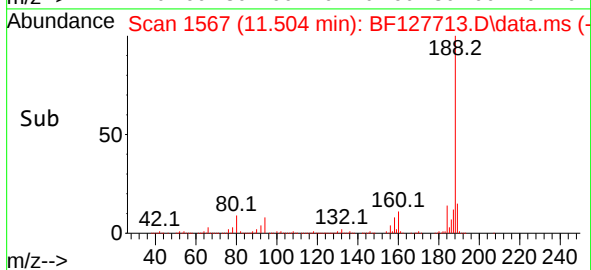
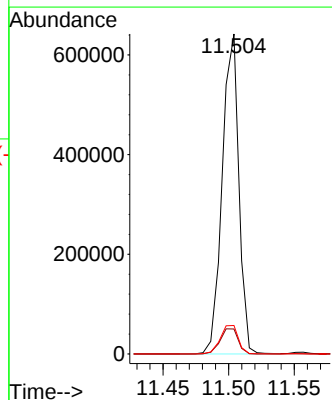
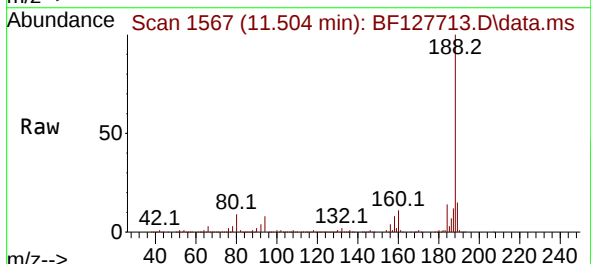
Instrument :
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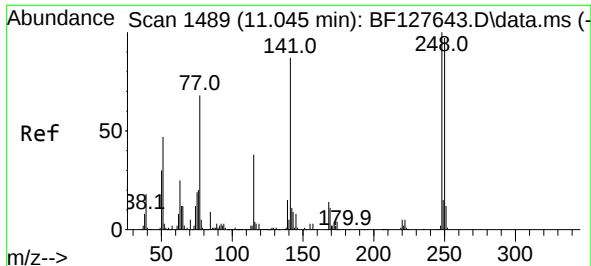
Tgt Ion:165 Resp: 39285
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF127713.D
Acq: 08 Apr 2022 14:59

Tgt Ion:188 Resp: 564349
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.0
80 8.9 8.0 12.0

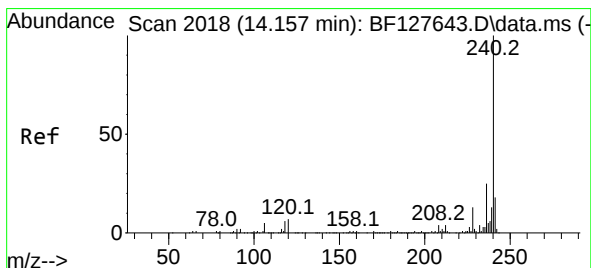
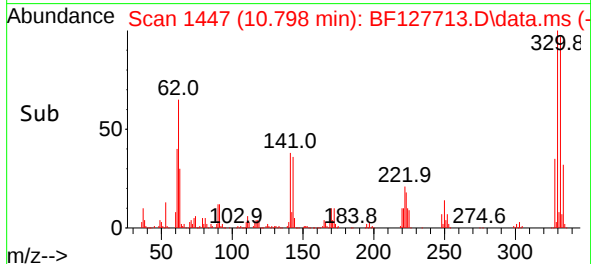
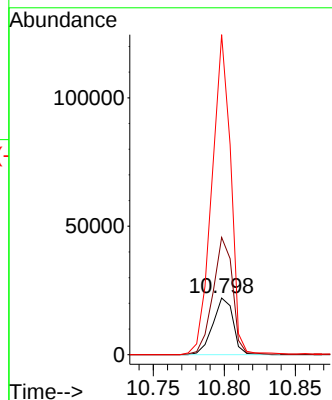
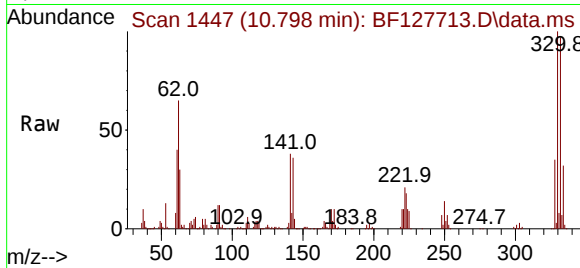




#67
4-Bromophenyl-phenylether
Concen: 3.200 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127713.D
Acq: 08 Apr 2022 14:59

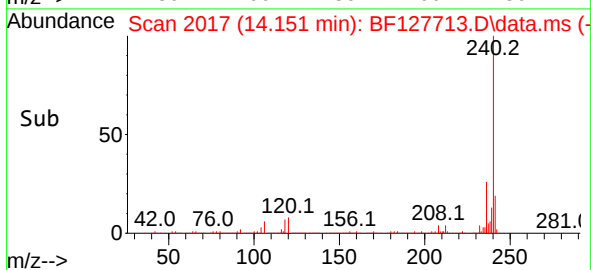
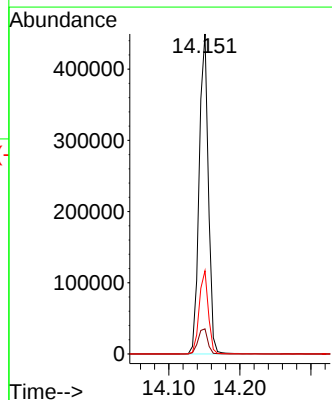
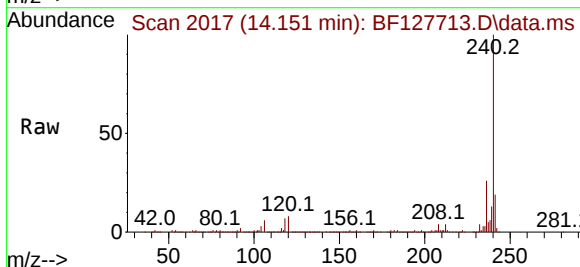
Instrument :
BNA_F
ClientSampleId :
NORTH-6

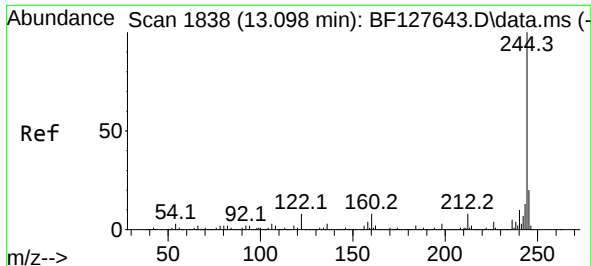
Tgt Ion:248 Resp: 21916
Ion Ratio Lower Upper
248 100
250 206.9 76.6 115.0#
141 564.7 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127713.D
Acq: 08 Apr 2022 14:59

Tgt Ion:240 Resp: 405170
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 26.0 20.7 31.1

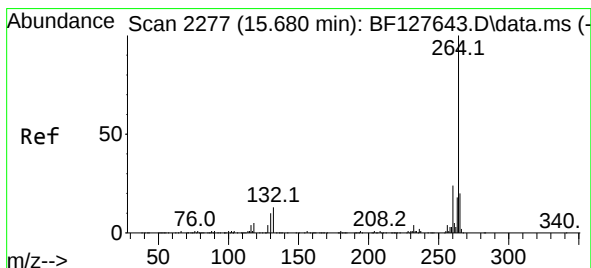
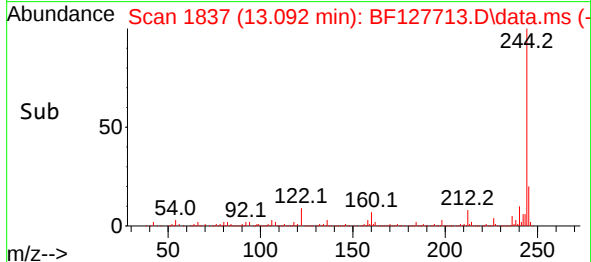
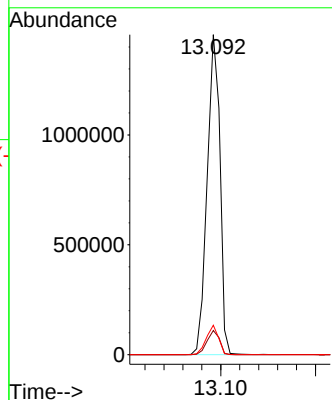
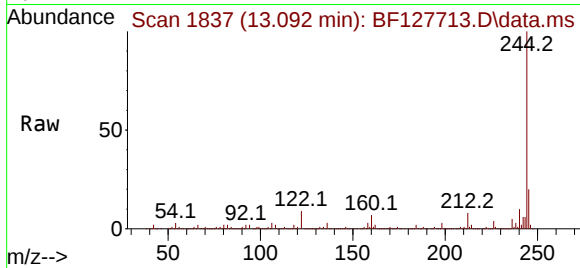




#79
 Terphenyl-d14
 Concen: 55.356 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127713.D
 Acq: 08 Apr 2022 14:59

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-6

Tgt Ion:244 Resp: 1358817
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 9.2 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF127713.D
 Acq: 08 Apr 2022 14:59

Tgt Ion:264 Resp: 292574
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 20.9 17.4 26.2

