

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127715.D
 Acq On : 08 Apr 2022 15:58
 Operator : CG\JU
 Sample : N2317-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-4

Quant Time: Apr 11 02:21:52 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)

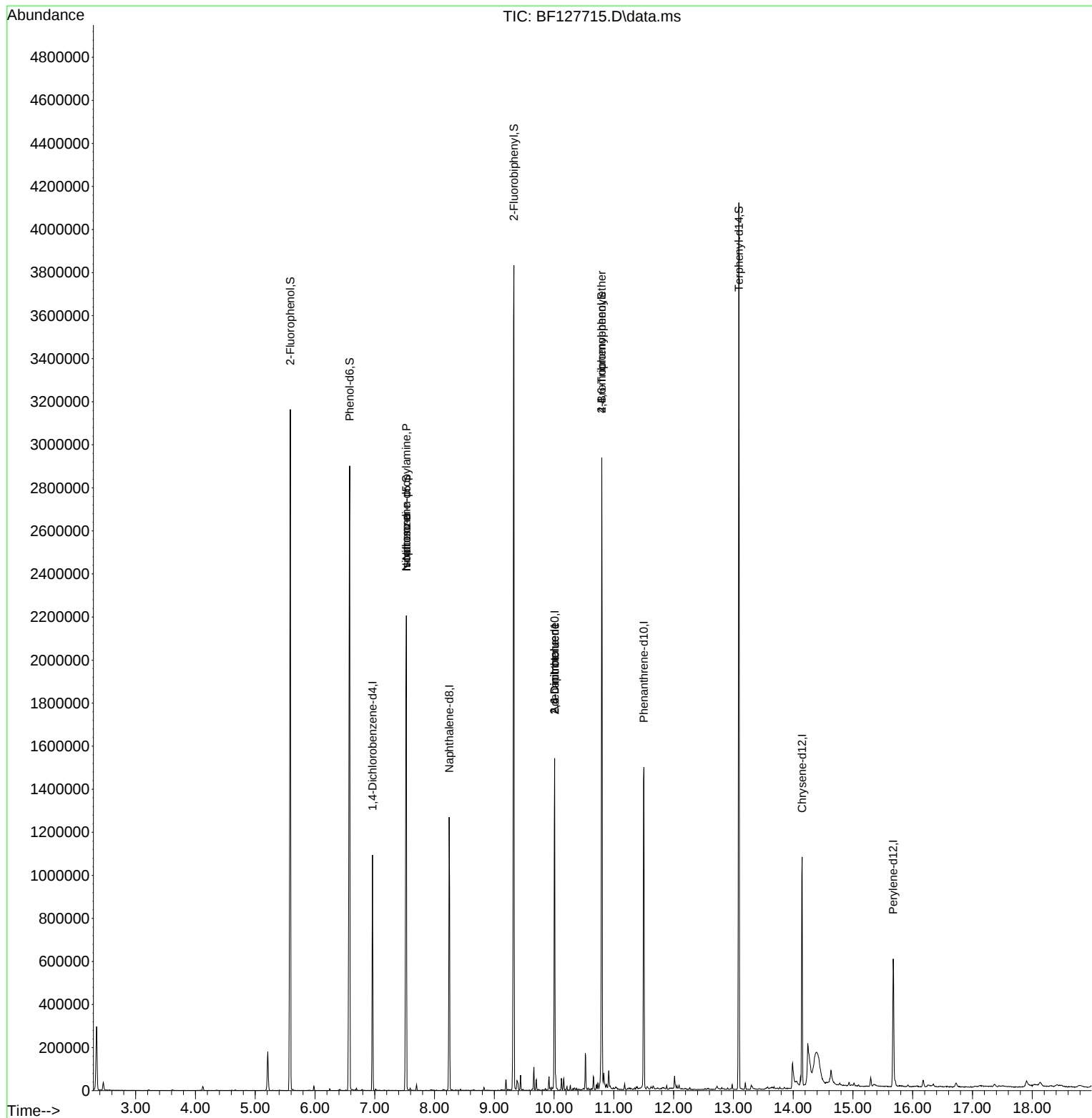
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	144660	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	534931	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	310603	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	568816	20.000	ng	0.00
76) Chrysene-d12	14.151	240	391198	20.000	ng	0.00
86) Perylene-d12	15.674	264	288504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	829010	93.119	ng	0.00
7) Phenol-d6	6.581	99	1077787	92.541	ng	0.00
23) Nitrobenzene-d5	7.528	82	767937	64.000	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	344307	104.169	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1269110	57.803	ng	0.00
79) Terphenyl-d14	13.092	244	1426742	60.199	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	348	Below Cal	#	62
19) n-Nitroso-di-n-propyla...	7.528	70	104446	13.866	ng	# 76
25) Isophorone	7.528	82	767925	36.677	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	40270	9.489	ng	# 16
57) 2,4-Dinitrotoluene	10.010	165	40270	7.654	ng	# 13
67) 4-Bromophenyl-phenylether	10.798	248	22394	3.244	ng	# 1

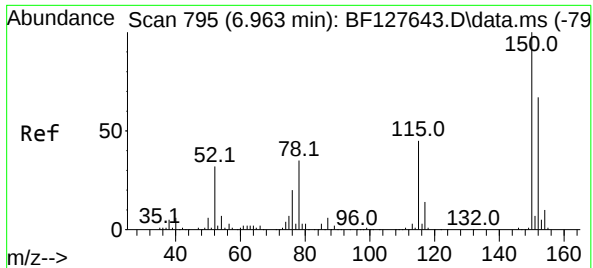
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127715.D
Acq On : 08 Apr 2022 15:58
Operator : CG\JU
Sample : N2317-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTH-4

Quant Time: Apr 11 02:21:52 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

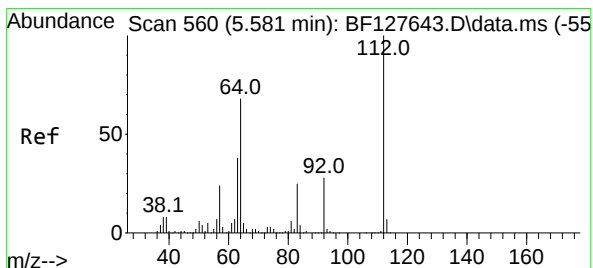
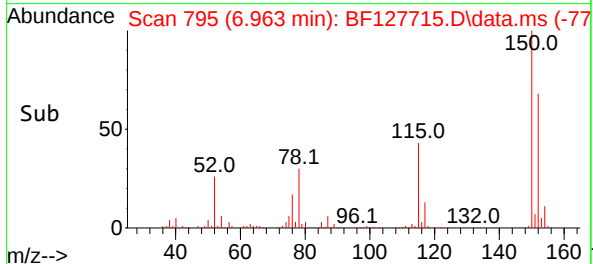
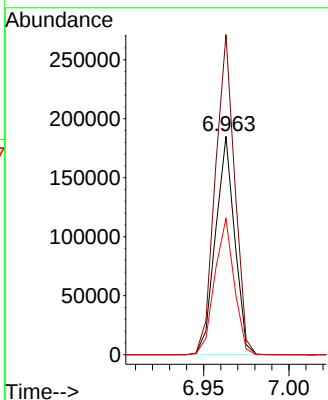
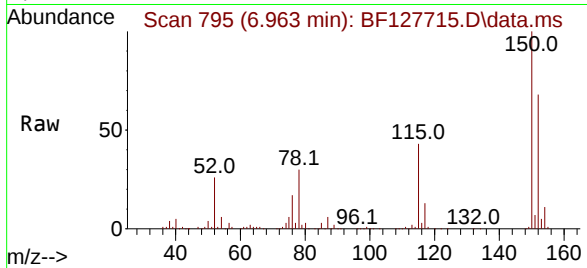




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127715.D
Acq: 08 Apr 2022 15:58

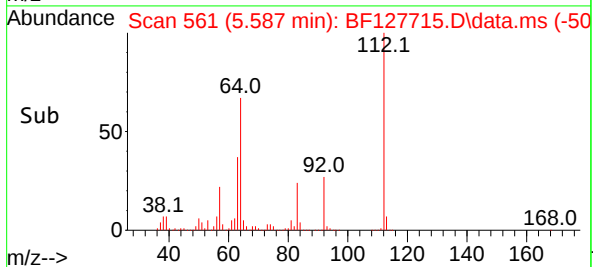
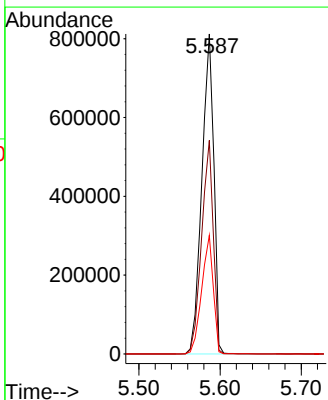
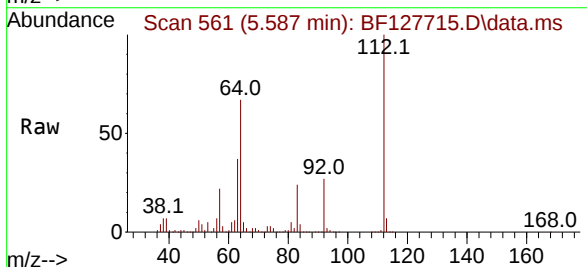
Instrument :
BNA_F
ClientSampleId :
NORTH-4

Tgt Ion:152 Resp: 144660
Ion Ratio Lower Upper
152 100
150 146.5 117.2 175.8
115 62.3 49.8 74.6



#5
2-Fluorophenol
Concen: 93.119 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127715.D
Acq: 08 Apr 2022 15:58

Tgt Ion:112 Resp: 829010
Ion Ratio Lower Upper
112 100
64 66.8 58.4 87.6
63 37.1 30.1 45.1



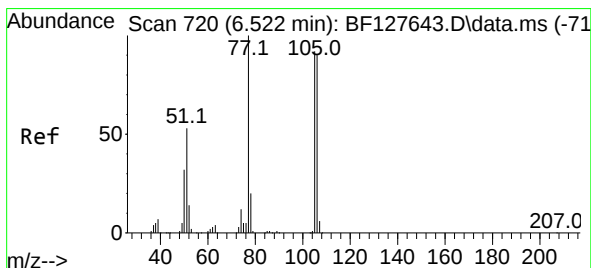
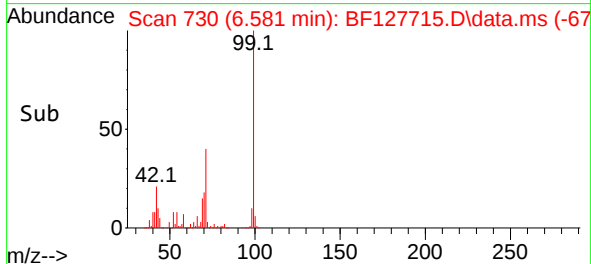
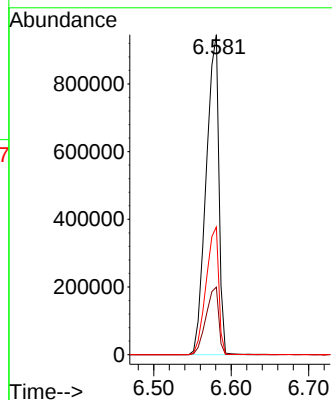
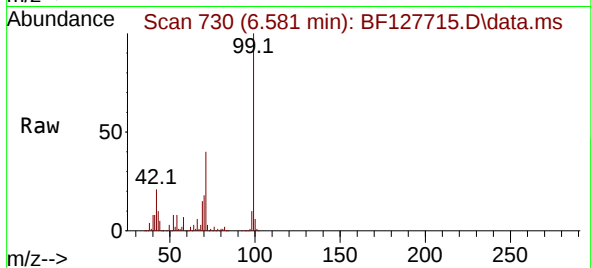


#7
Phenol-d6
Concen: 92.541 ng
RT: 6.581 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF127715.D
Acq: 08 Apr 2022 15:58

Instrument :
BNA_F
ClientSampleId :
NORTH-4

Tgt Ion: 99 Resp: 1077787

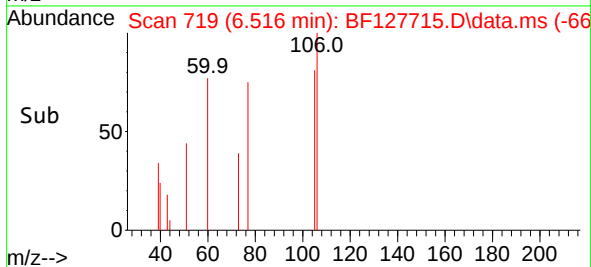
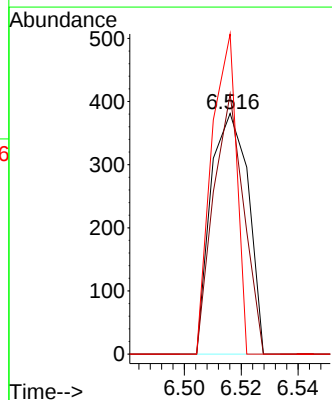
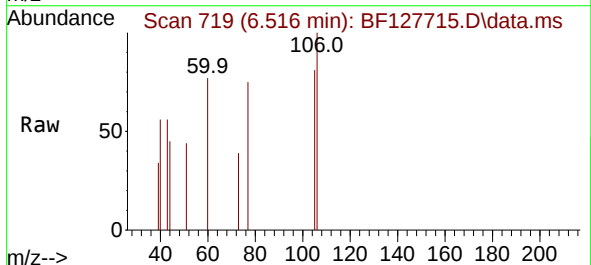
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.8	26.6
71	39.9	29.6	44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127715.D
Acq: 08 Apr 2022 15:58

Tgt Ion: 77 Resp: 348

Ion	Ratio	Lower	Upper
77	100		
105	108.1	66.8	106.8#
106	133.1	64.3	104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 13.866 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127715.D

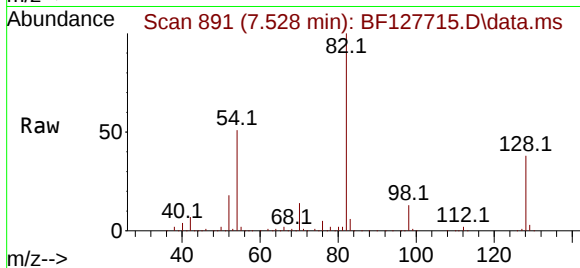
Acq: 08 Apr 2022 15:58

Instrument :

BNA_F

ClientSampleId :

NORTH-4



Tgt Ion: 70 Resp: 104446

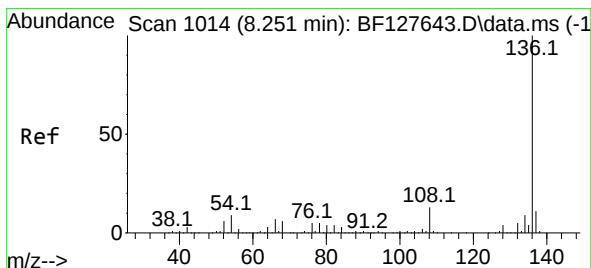
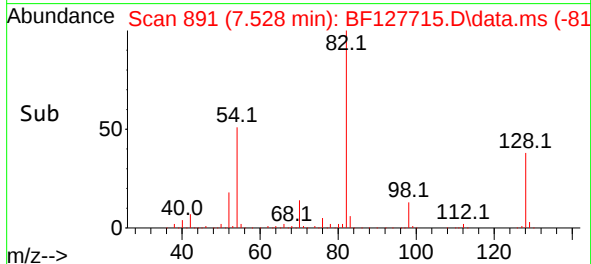
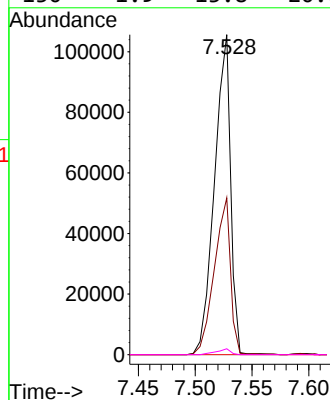
Ion Ratio Lower Upper

70 100

42 49.0 53.0 79.6#

101 0.0 6.8 10.2#

130 1.9 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: BF127715.D

Acq: 08 Apr 2022 15:58

Tgt Ion: 136 Resp: 534931

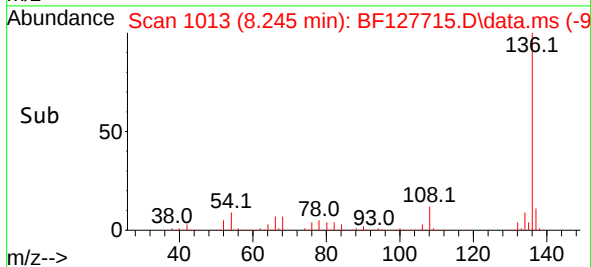
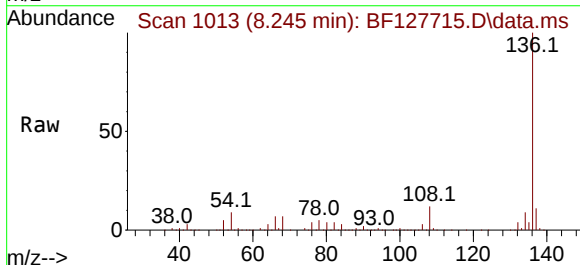
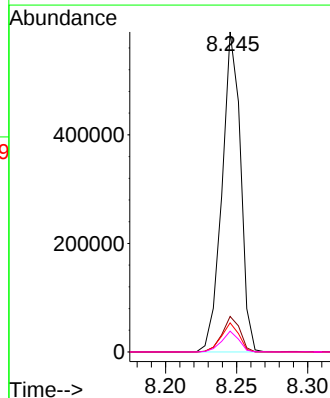
Ion Ratio Lower Upper

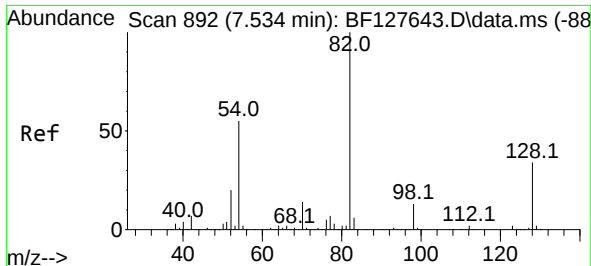
136 100

137 11.1 8.6 13.0

54 9.1 9.2 13.8#

68 6.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 64.000 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127715.D

Acq: 08 Apr 2022 15:58

Instrument :

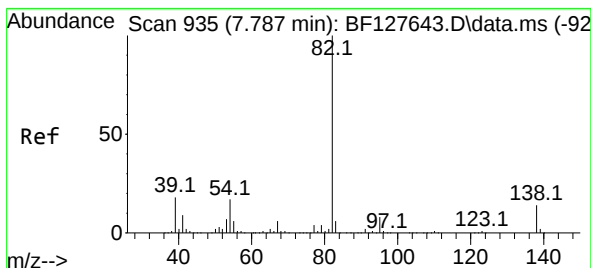
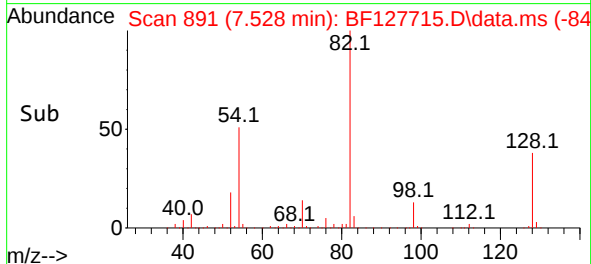
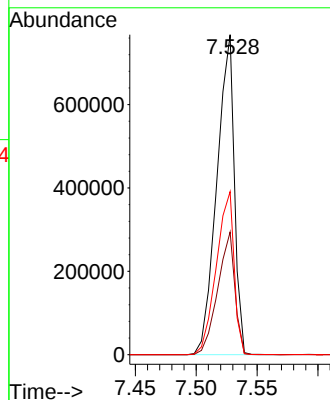
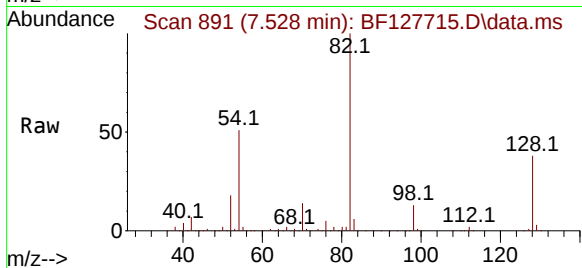
BNA_F

ClientSampleId :

NORTH-4

Tgt Ion: 82 Resp: 767937

Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.6	45.8
54	50.9	48.2	72.2



#25

Isophorone

Concen: 36.677 ng

RT: 7.528 min Scan# 891

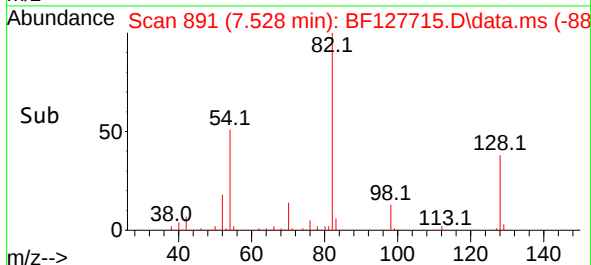
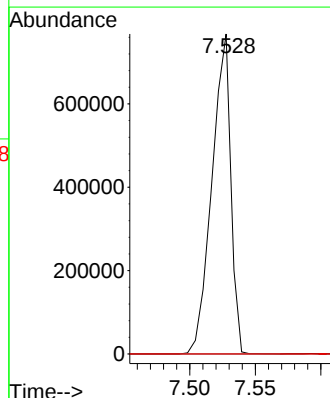
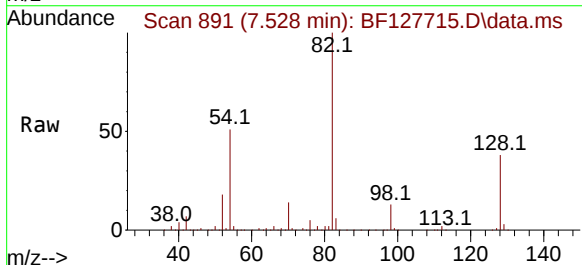
Delta R.T. -0.259 min

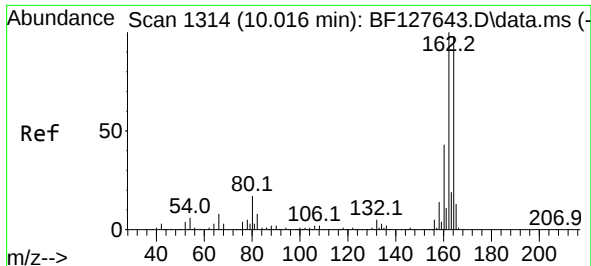
Lab File: BF127715.D

Acq: 08 Apr 2022 15:58

Tgt Ion: 82 Resp: 767925

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

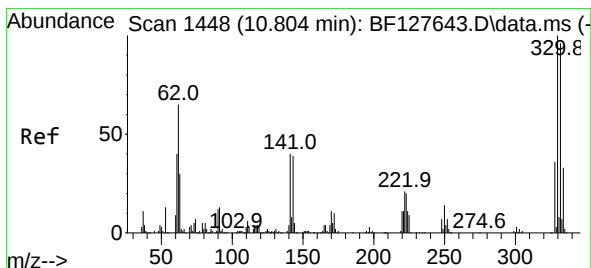
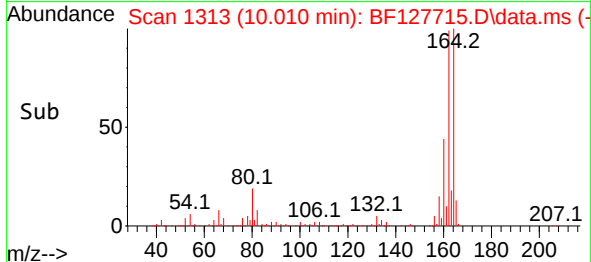
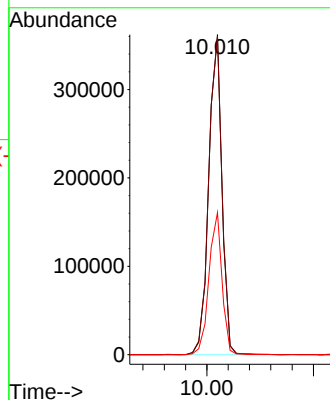
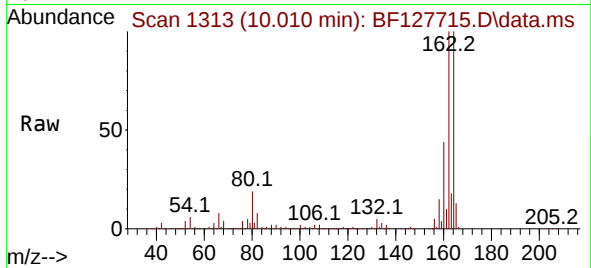




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127715.D
Acq: 08 Apr 2022 15:58

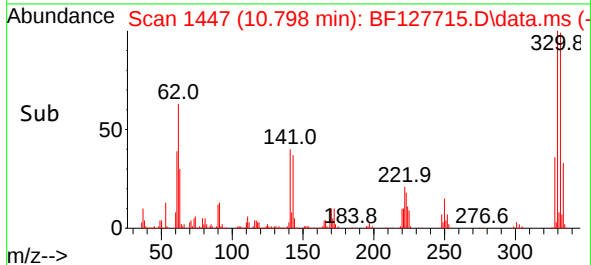
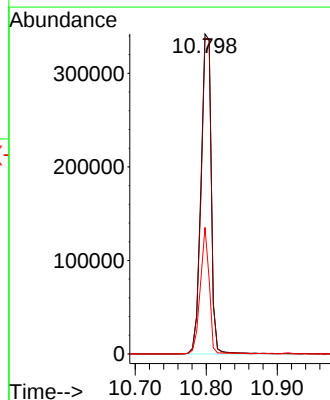
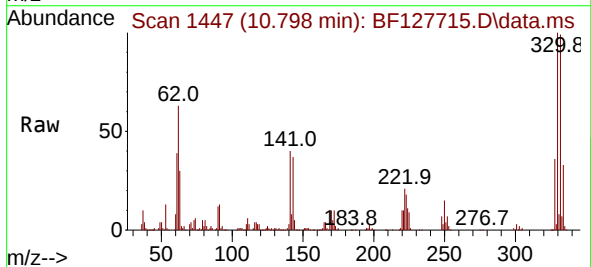
Instrument :
BNA_F
ClientSampleId :
NORTH-4

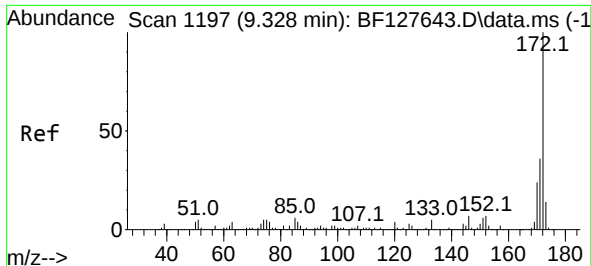
Tgt Ion:164 Resp: 310603
Ion Ratio Lower Upper
164 100
162 99.5 81.2 121.8
160 44.4 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 104.169 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127715.D
Acq: 08 Apr 2022 15:58

Tgt Ion:330 Resp: 344307
Ion Ratio Lower Upper
330 100
332 97.9 79.1 118.7
141 34.5 26.2 39.4

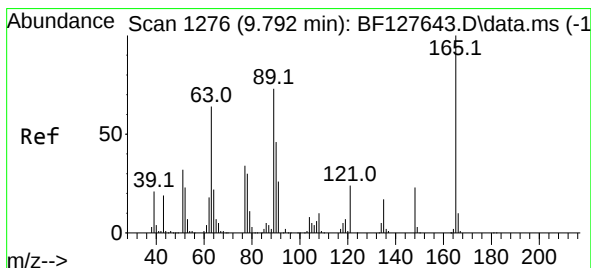
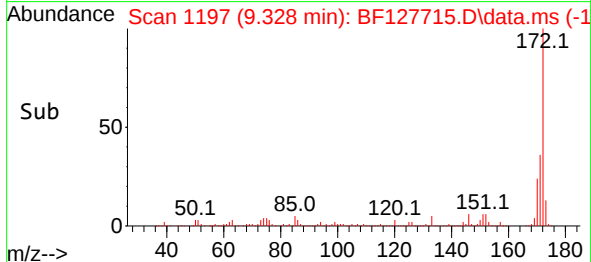
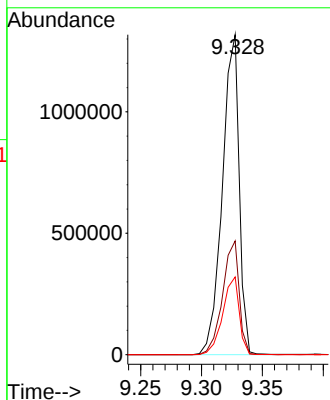
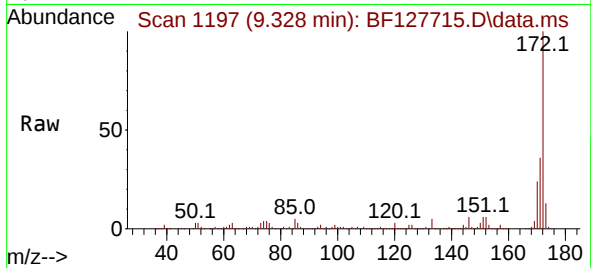




#45
2-Fluorobiphenyl
Concen: 57.803 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF127715.D
Acq: 08 Apr 2022 15:58

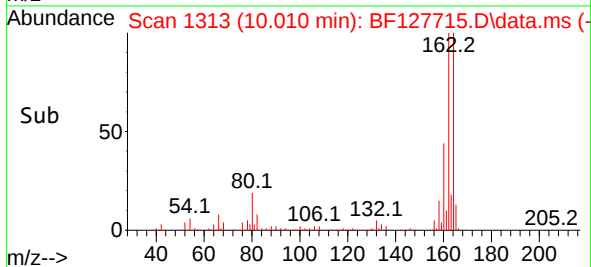
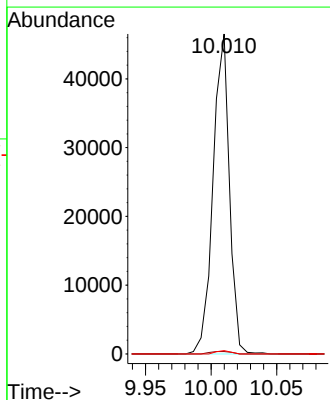
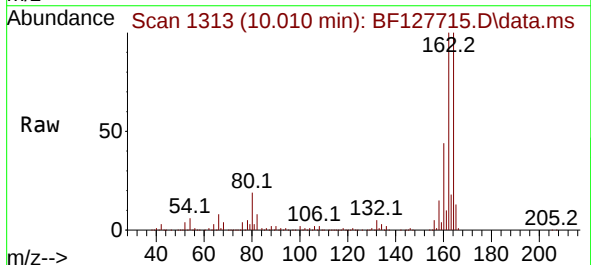
Instrument :
BNA_F
ClientSampleId :
NORTH-4

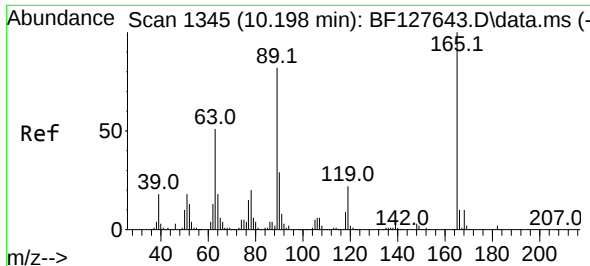
Tgt Ion:172 Resp: 1269110
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.489 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF127715.D
Acq: 08 Apr 2022 15:58

Tgt Ion:165 Resp: 40270
Ion Ratio Lower Upper
165 100
63 0.7 58.3 87.5#
89 1.1 51.5 77.3#

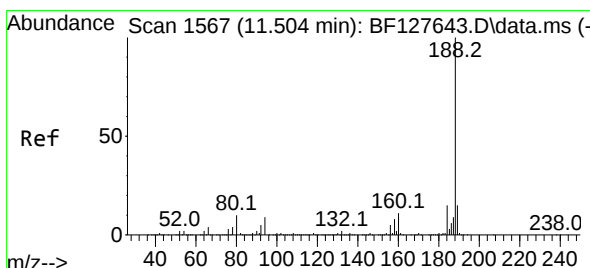
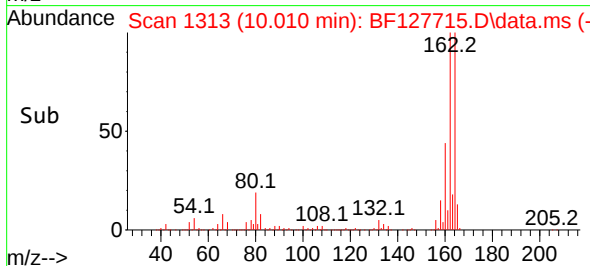
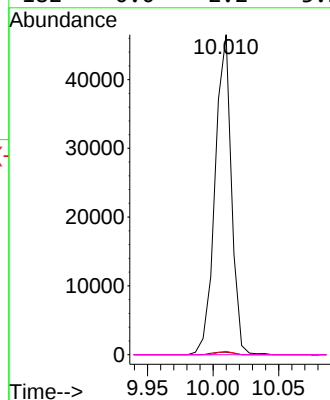
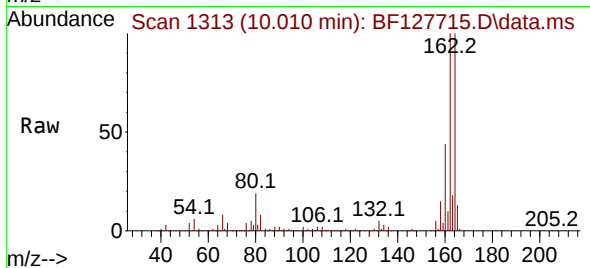




#57
2,4-Dinitrotoluene
Concen: 7.654 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127715.D
Acq: 08 Apr 2022 15:58

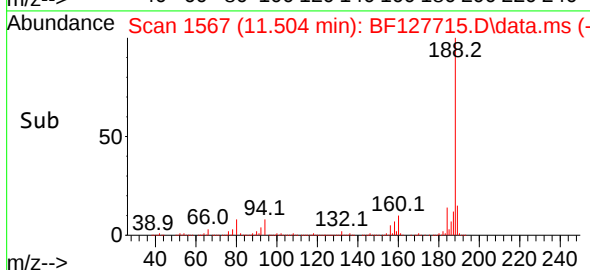
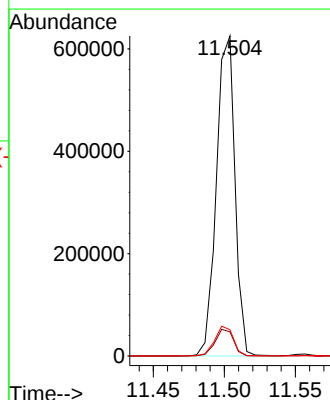
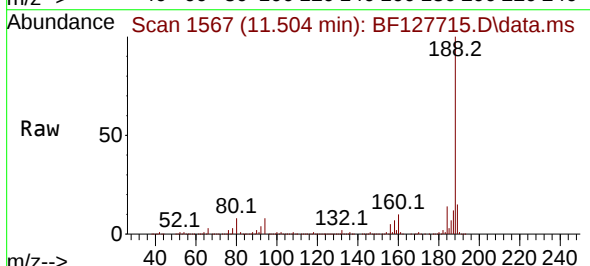
Instrument :
BNA_F
ClientSampleId :
NORTH-4

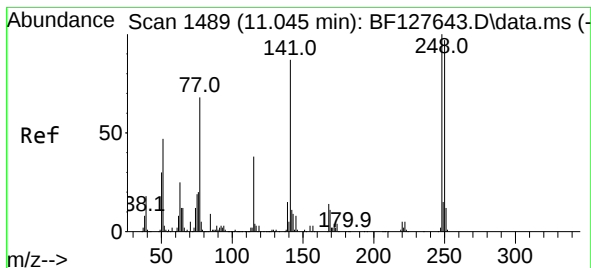
Tgt Ion:165 Resp: 40270
Ion Ratio Lower Upper
165 100
63 0.7 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF127715.D
Acq: 08 Apr 2022 15:58

Tgt Ion:188 Resp: 568816
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.0
80 8.2 8.0 12.0

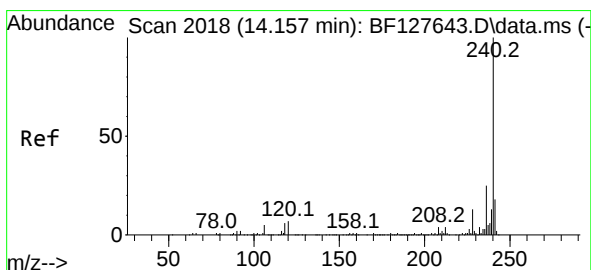
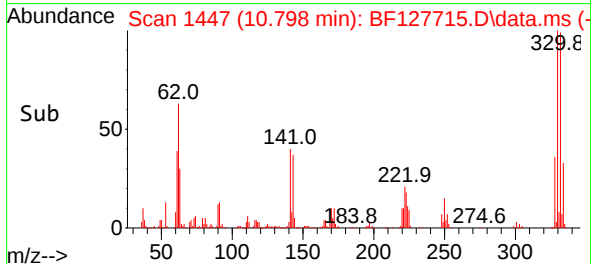
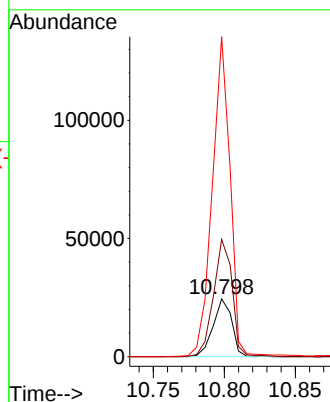
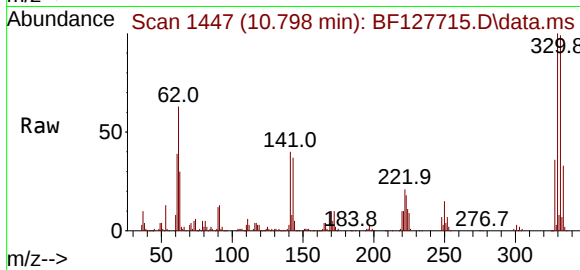




#67
4-Bromophenyl-phenylether
Concen: 3.244 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127715.D
Acq: 08 Apr 2022 15:58

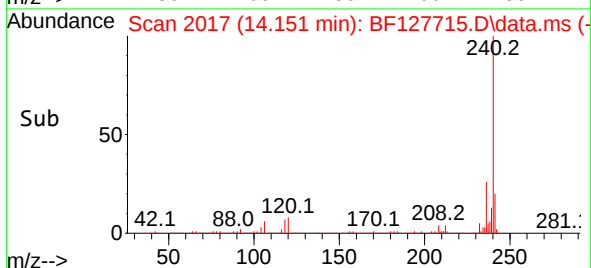
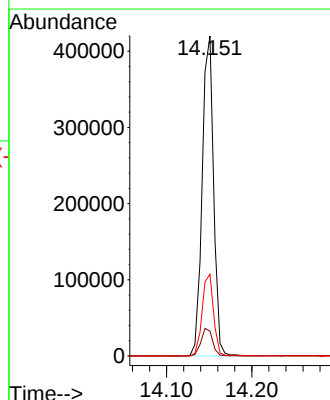
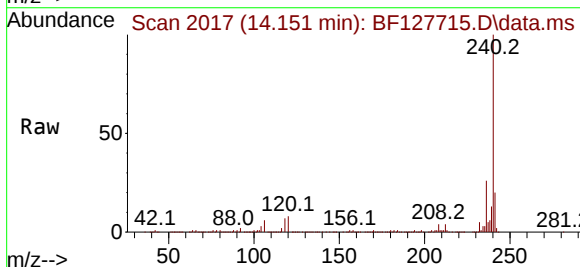
Instrument :
BNA_F
ClientSampleId :
NORTH-4

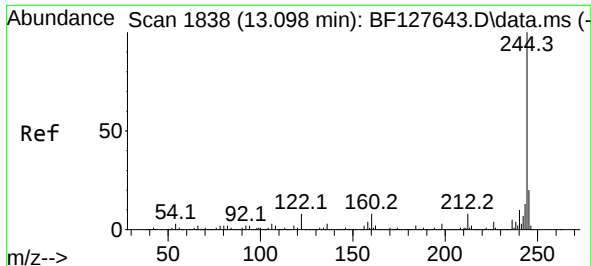
Tgt Ion:248 Resp: 22394
Ion Ratio Lower Upper
248 100
250 202.9 76.6 115.0#
141 553.5 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127715.D
Acq: 08 Apr 2022 15:58

Tgt Ion:240 Resp: 391198
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 25.6 20.7 31.1

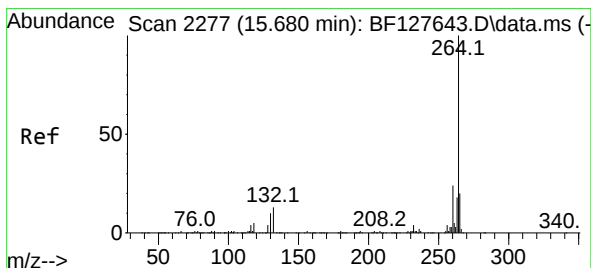
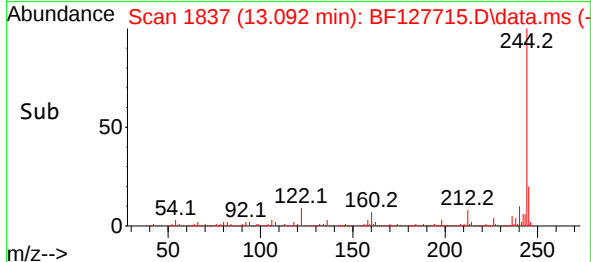
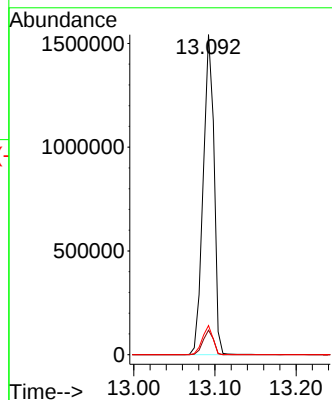
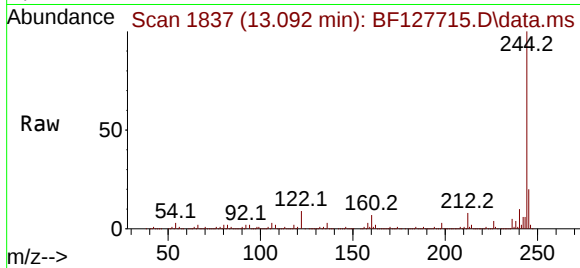




#79
 Terphenyl-d14
 Concen: 60.199 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127715.D
 Acq: 08 Apr 2022 15:58

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-4

Tgt Ion:244 Resp: 1426742
 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# 2276
 Delta R.T. -0.006 min
 Lab File: BF127715.D
 Acq: 08 Apr 2022 15:58

Tgt Ion:264 Resp: 288504
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.7 17.4 26.2

