

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127711.D
 Acq On : 08 Apr 2022 14:01
 Operator : CG\JU
 Sample : N2317-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-A

Quant Time: Apr 11 02:21:28 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)

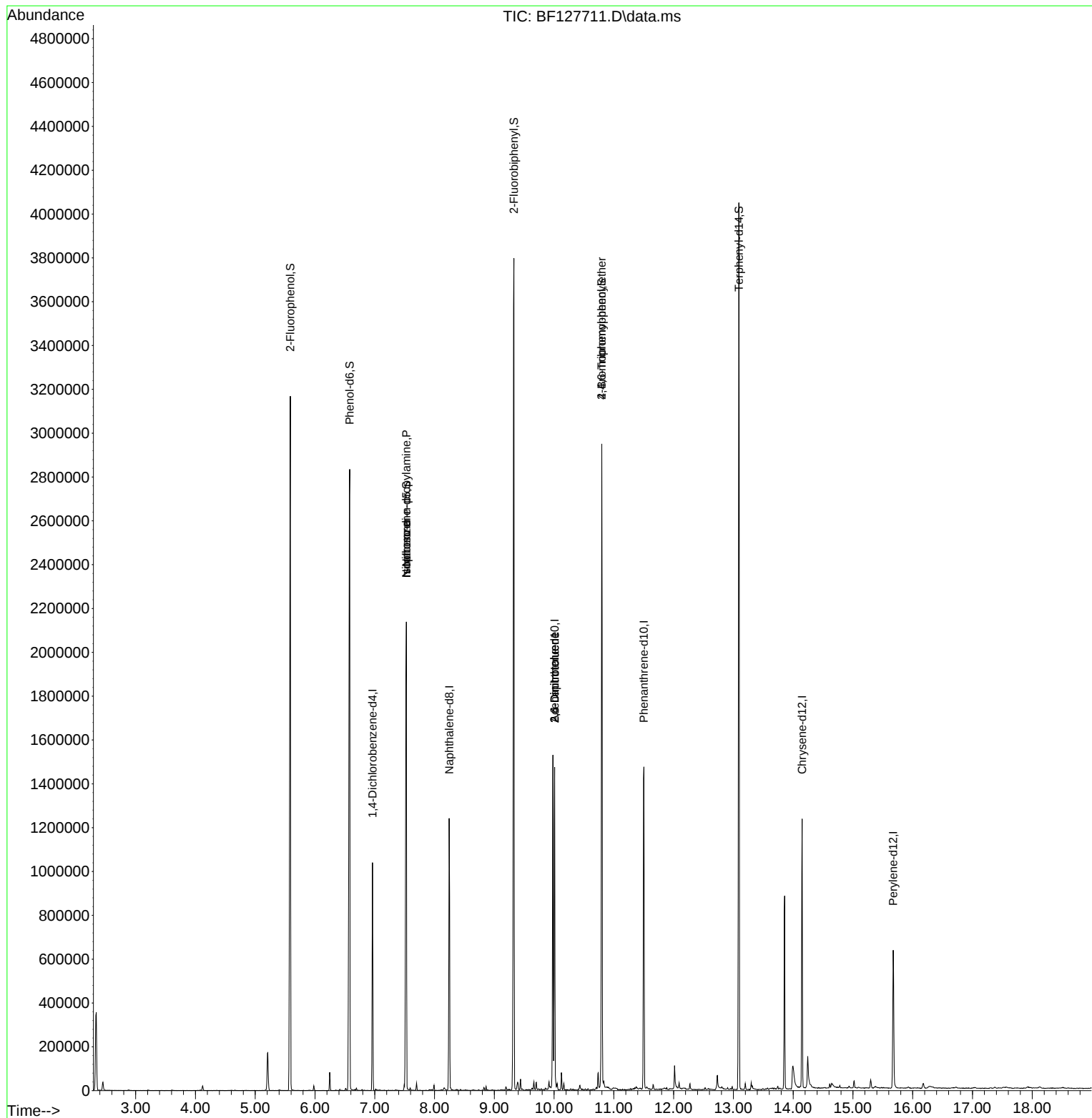
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	136690	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	521626	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	304161	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	566288	20.000	ng	0.00
76) Chrysene-d12	14.151	240	413878	20.000	ng	0.00
86) Perylene-d12	15.674	264	296573	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	831097	98.797	ng	0.00
7) Phenol-d6	6.581	99	1094344	99.441	ng	0.00
23) Nitrobenzene-d5	7.528	82	757820	64.768	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	355131	109.719	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1269870	59.062	ng	0.00
79) Terphenyl-d14	13.092	244	1461706	58.295	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	1185	Below Cal	#	70
19) n-Nitroso-di-n-propyla...	7.528	70	104322	14.657	ng	# 73
25) Isophorone	7.528	82	756256	37.041	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	38928	9.367	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	38928	7.555	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	23112	3.363	ng	# 1

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

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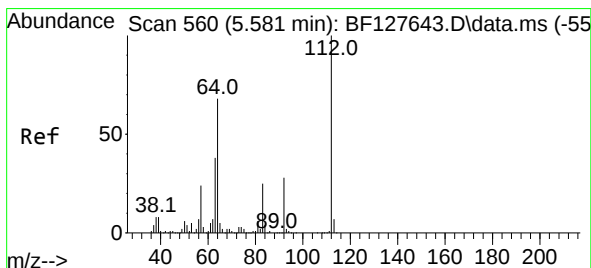
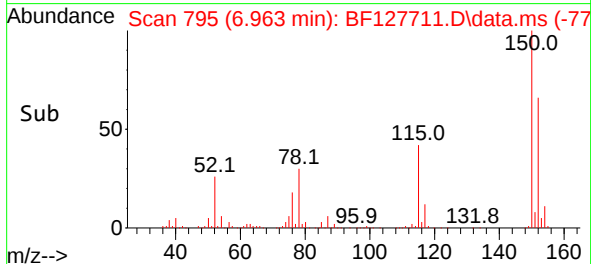
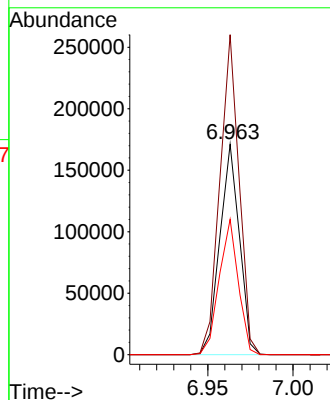
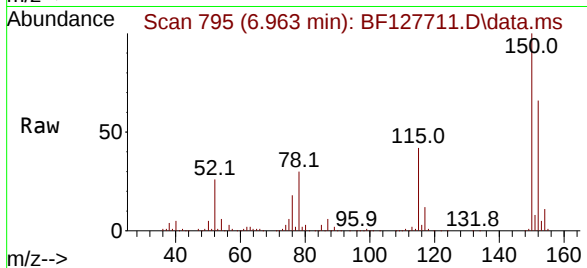




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127711.D
Acq: 08 Apr 2022 14:01

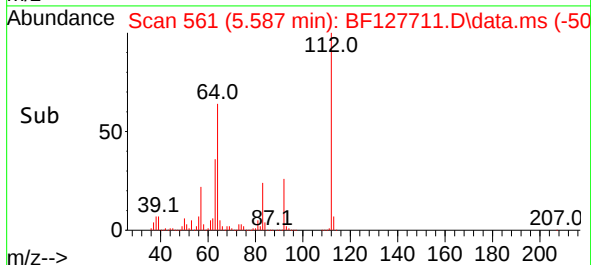
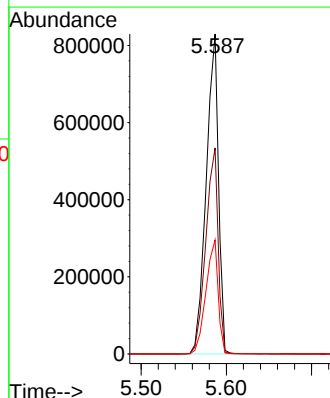
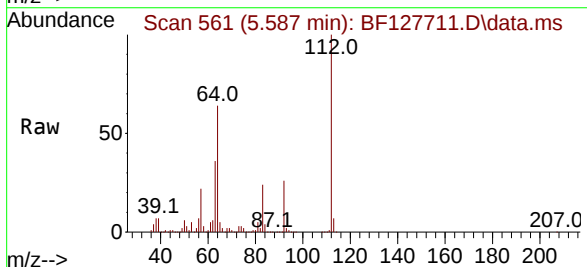
Instrument :
BNA_F
ClientSampleId :
TP2-A

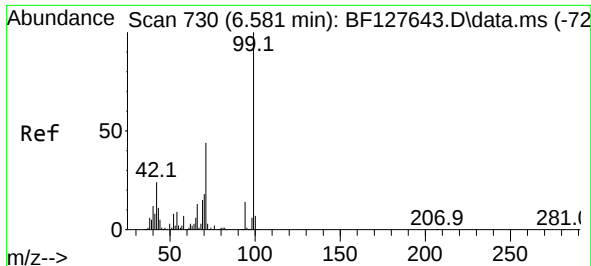
Tgt Ion:152 Resp: 136690
Ion Ratio Lower Upper
152 100
150 152.1 117.2 175.8
115 64.3 49.8 74.6



#5
2-Fluorophenol
Concen: 98.797 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127711.D
Acq: 08 Apr 2022 14:01

Tgt Ion:112 Resp: 831097
Ion Ratio Lower Upper
112 100
64 64.4 58.4 87.6
63 35.6 30.1 45.1

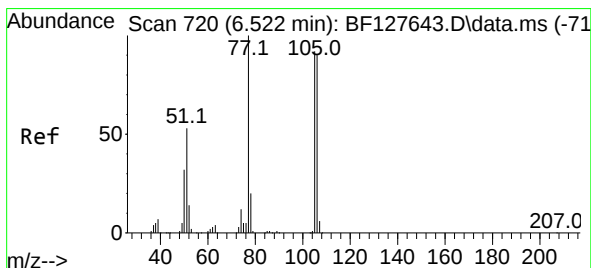
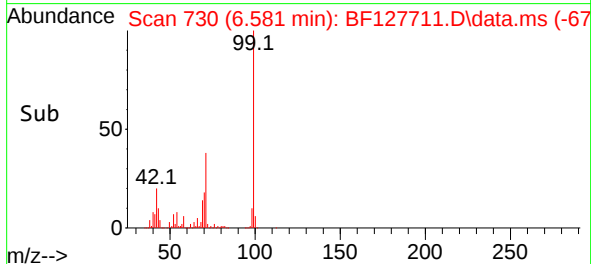
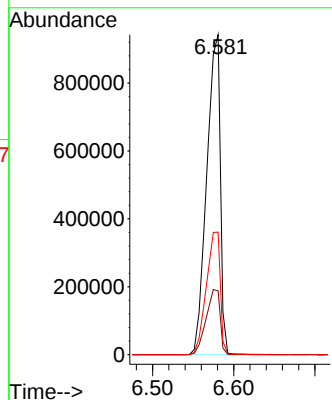
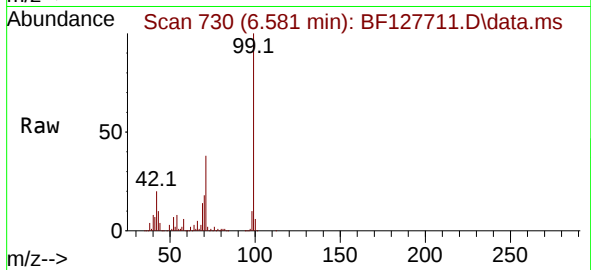




#7
Phenol-d6
Concen: 99.441 ng
RT: 6.581 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF127711.D
Acq: 08 Apr 2022 14:01

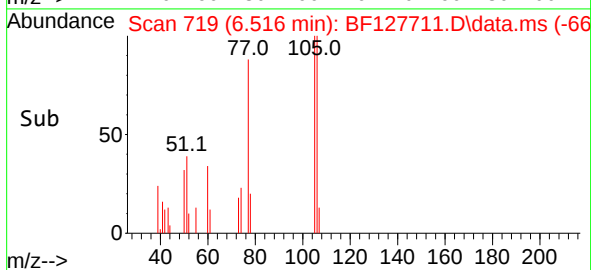
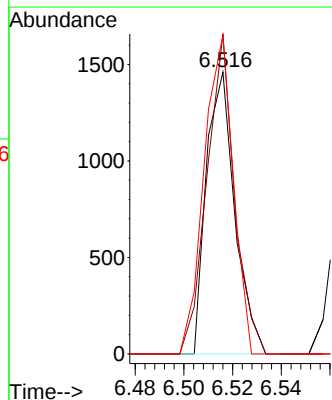
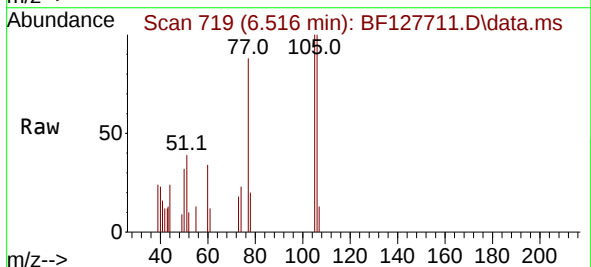
Instrument :
BNA_F
ClientSampleId :
TP2-A

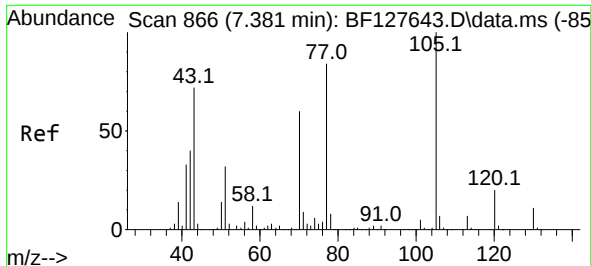
Tgt Ion: 99 Resp: 1094344
Ion Ratio Lower Upper
99 100
42 19.9 17.8 26.6
71 38.3 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127711.D
Acq: 08 Apr 2022 14:01

Tgt Ion: 77 Resp: 1185
Ion Ratio Lower Upper
77 100
105 113.5 66.8 106.8#
106 113.1 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 14.657 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127711.D

Acq: 08 Apr 2022 14:01

Instrument :

BNA_F

ClientSampleId :

TP2-A

Tgt Ion: 70 Resp: 104322

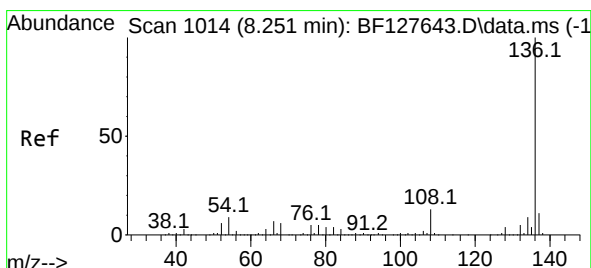
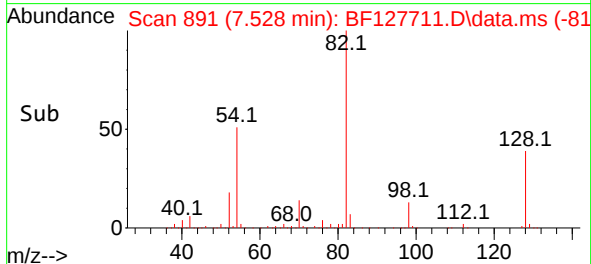
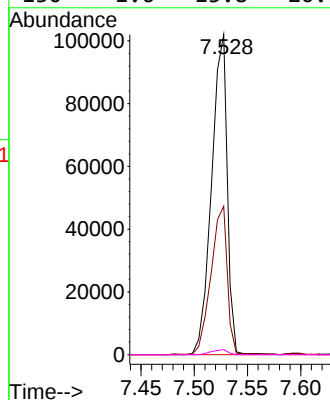
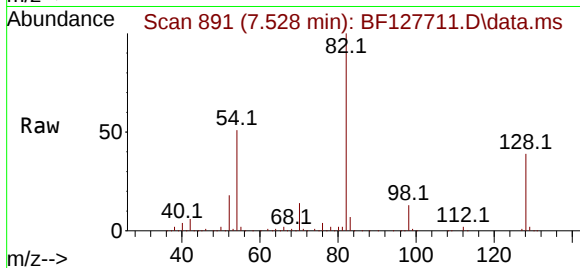
Ion Ratio Lower Upper

70 100

42 46.4 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: BF127711.D

Acq: 08 Apr 2022 14:01

Tgt Ion:136 Resp: 521626

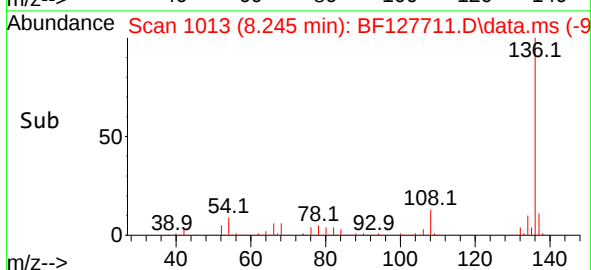
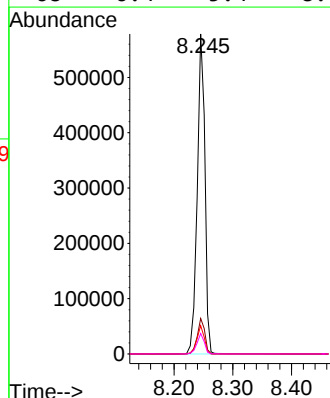
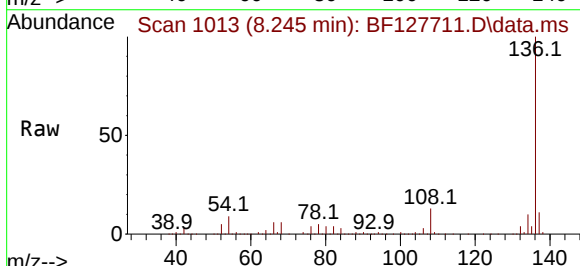
Ion Ratio Lower Upper

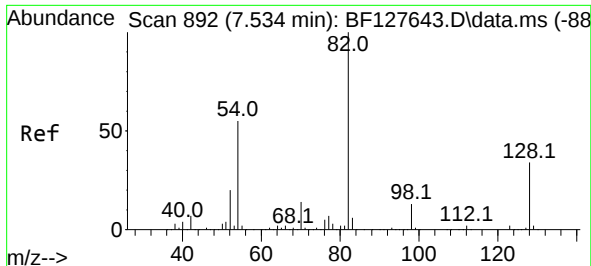
136 100

137 11.1 8.6 13.0

54 8.9 9.2 13.8#

68 6.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 64.768 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127711.D

Acq: 08 Apr 2022 14:01

Instrument :

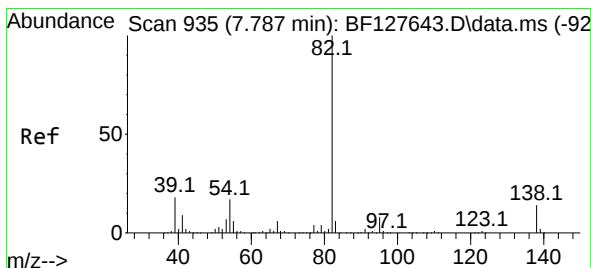
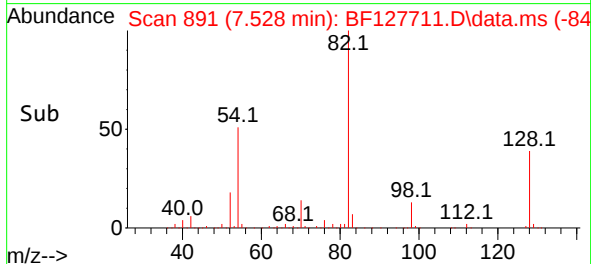
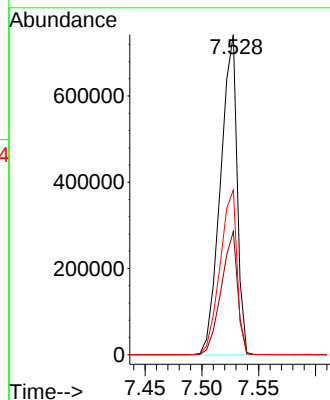
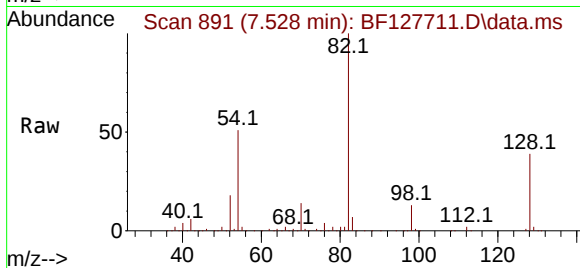
BNA_F

ClientSampleId :

TP2-A

Tgt Ion: 82 Resp: 757820

Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.6	45.8
54	51.4	48.2	72.2



#25

Isophorone

Concen: 37.041 ng

RT: 7.528 min Scan# 891

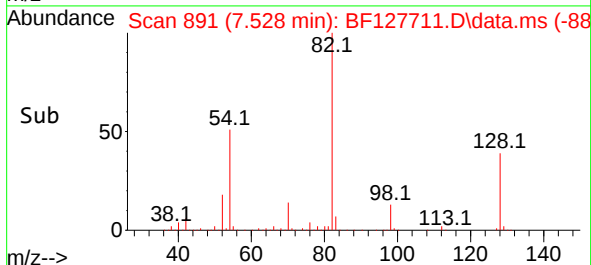
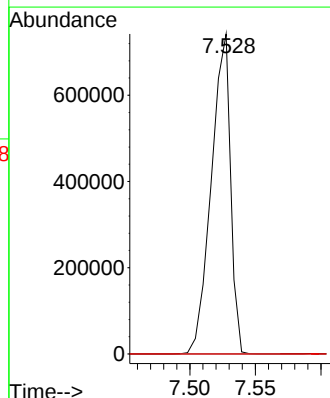
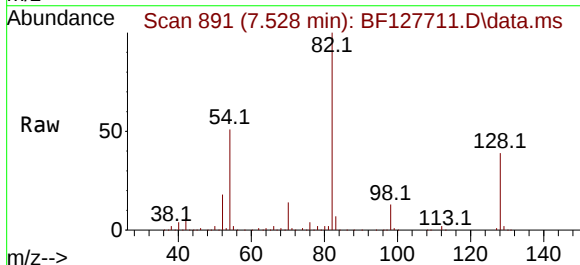
Delta R.T. -0.259 min

Lab File: BF127711.D

Acq: 08 Apr 2022 14:01

Tgt Ion: 82 Resp: 756256

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

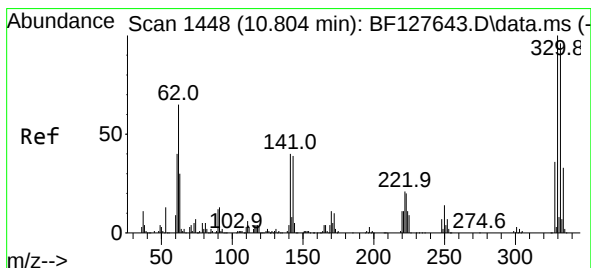
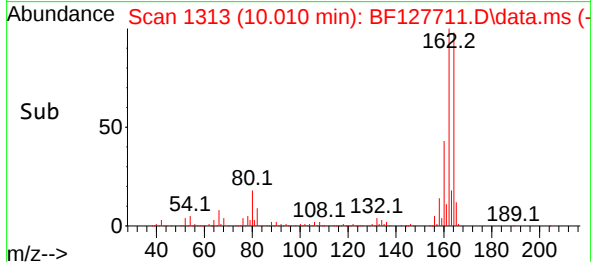
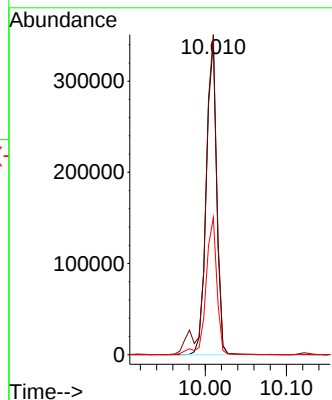
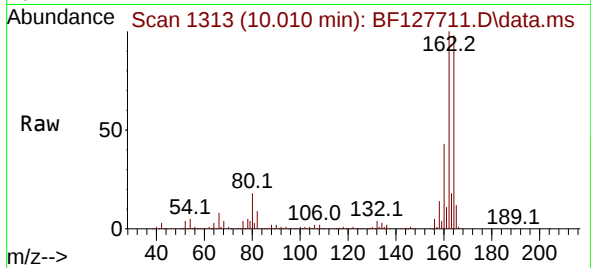




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127711.D
 Acq: 08 Apr 2022 14:01

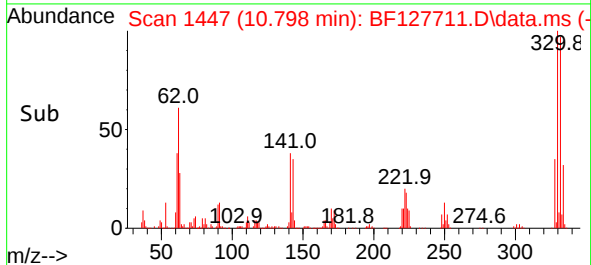
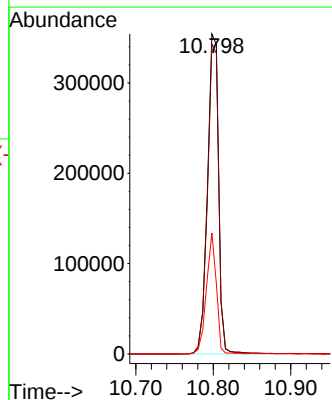
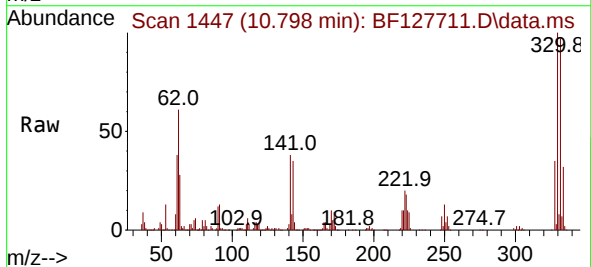
Instrument :
 BNA_F
 ClientSampleId :
 TP2-A

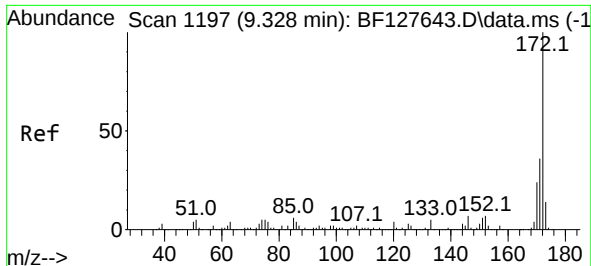
Tgt Ion:164 Resp: 304161
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.2 121.8
 160 43.8 34.6 52.0



#42
 2,4,6-Tribromophenol
 Concen: 109.719 ng
 RT: 10.798 min Scan# 1447
 Delta R.T. -0.006 min
 Lab File: BF127711.D
 Acq: 08 Apr 2022 14:01

Tgt Ion:330 Resp: 355131
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.1 118.7
 141 33.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 59.062 ng

RT: 9.328 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127711.D

Acq: 08 Apr 2022 14:01

Instrument :

BNA_F

ClientSampleId :

TP2-A

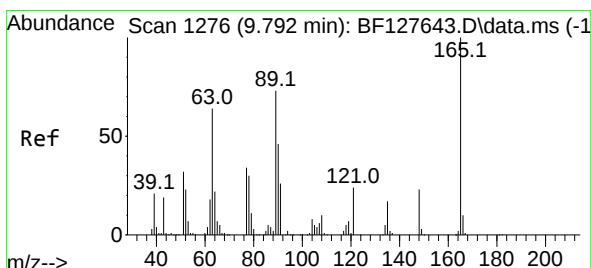
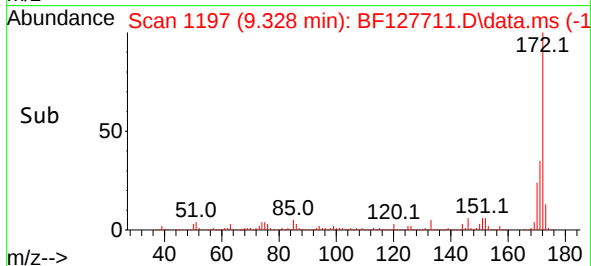
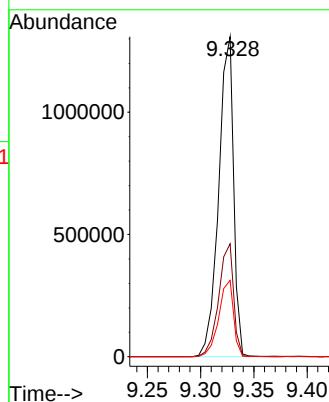
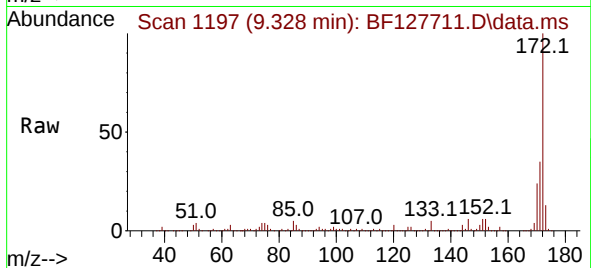
Tgt Ion:172 Resp: 1269870

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.8 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.367 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127711.D

Acq: 08 Apr 2022 14:01

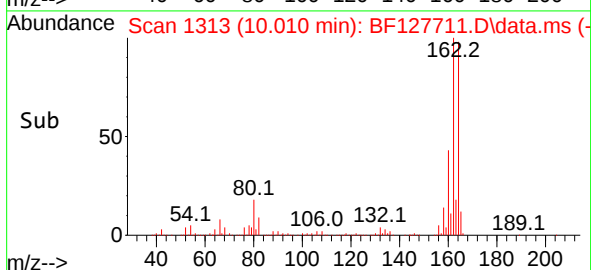
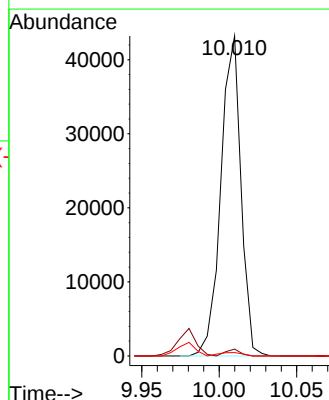
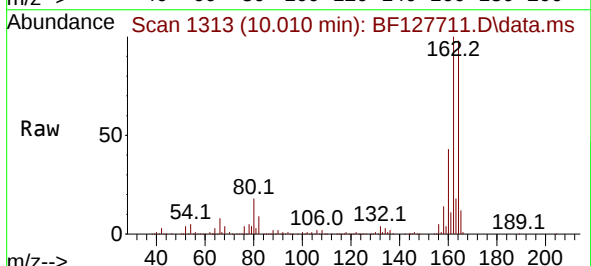
Tgt Ion:165 Resp: 38928

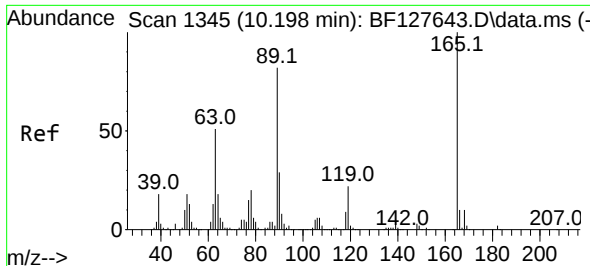
Ion Ratio Lower Upper

165 100

63 2.2 58.3 87.5#

89 1.0 51.5 77.3#

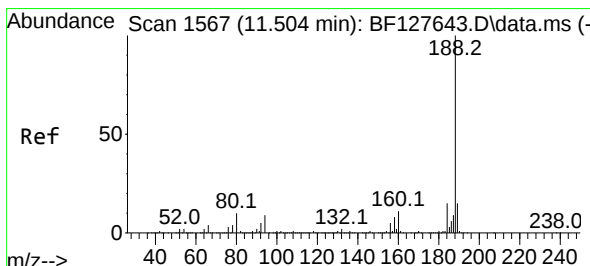
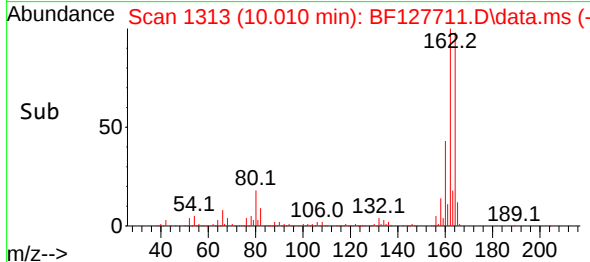
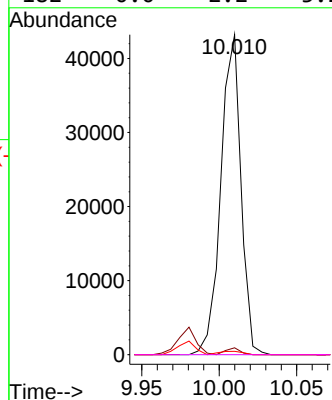
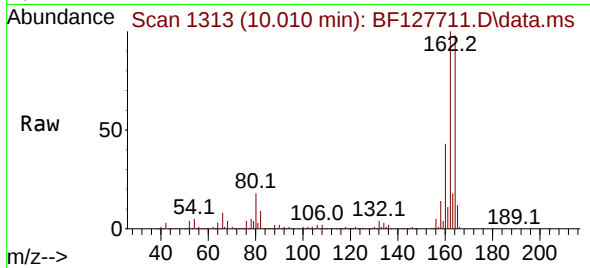




#57
2,4-Dinitrotoluene
Concen: 7.555 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127711.D
Acq: 08 Apr 2022 14:01

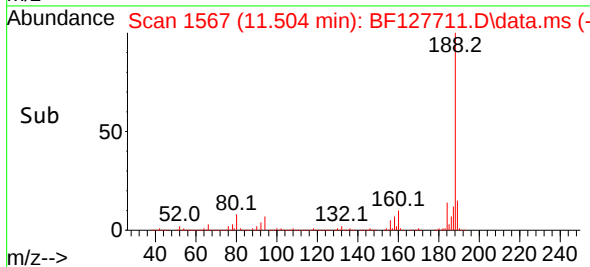
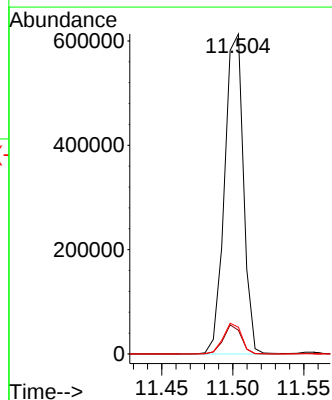
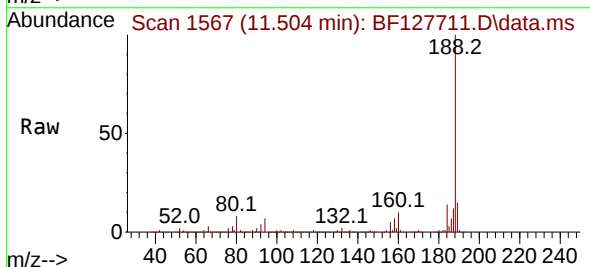
Instrument :
BNA_F
ClientSampleId :
TP2-A

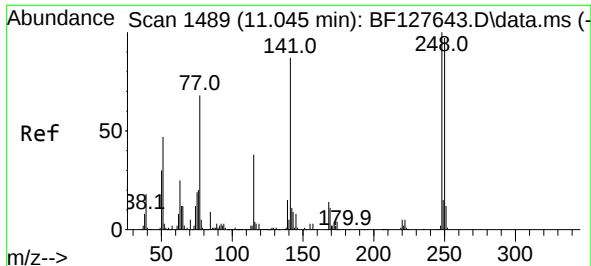
Tgt Ion:165 Resp: 38928
Ion Ratio Lower Upper
165 100
63 2.2 53.1 79.7#
89 1.0 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF127711.D
Acq: 08 Apr 2022 14:01

Tgt Ion:188 Resp: 566288
Ion Ratio Lower Upper
188 100
94 7.4 7.4 11.0
80 8.4 8.0 12.0

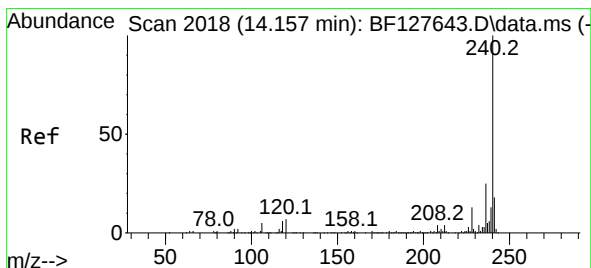
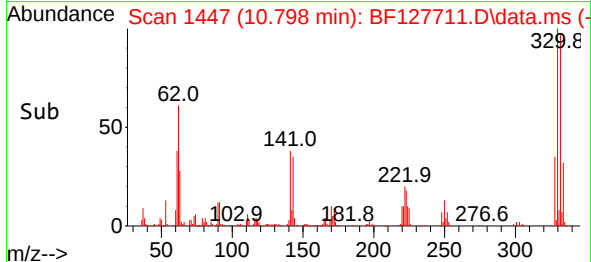
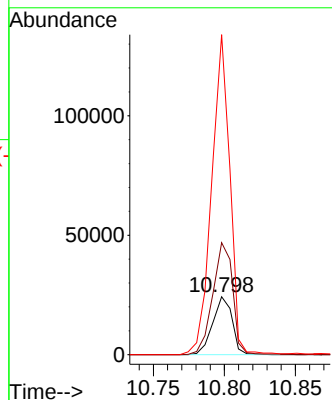
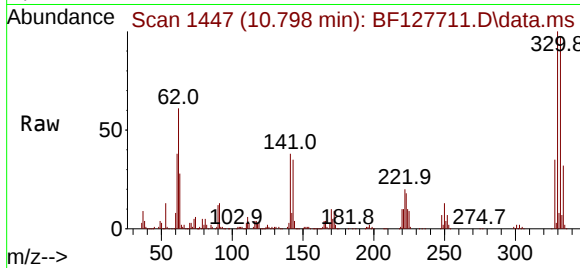




#67
4-Bromophenyl-phenylether
Concen: 3.363 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127711.D
Acq: 08 Apr 2022 14:01

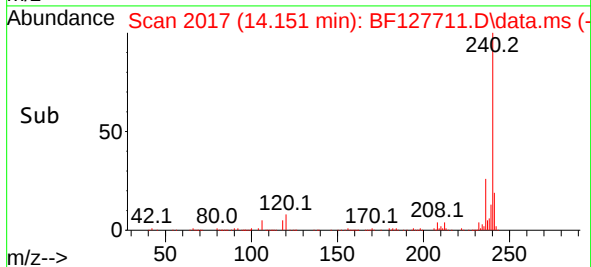
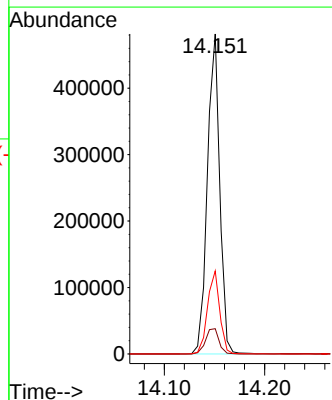
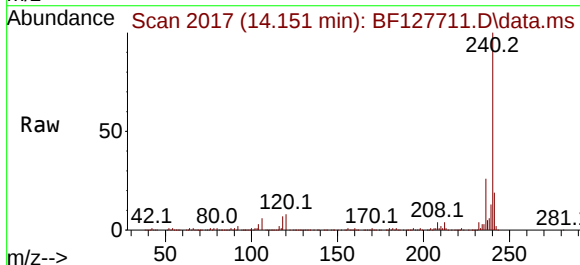
Instrument :
BNA_F
ClientSampleId :
TP2-A

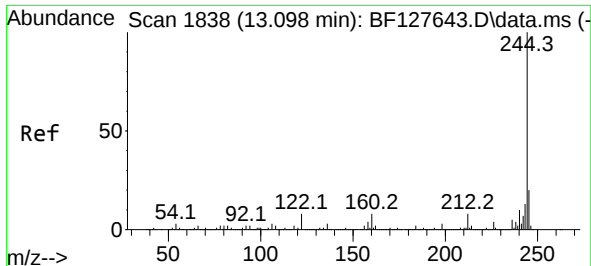
Tgt Ion:248 Resp: 23112
Ion Ratio Lower Upper
248 100
250 193.2 76.6 115.0#
141 552.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127711.D
Acq: 08 Apr 2022 14:01

Tgt Ion:240 Resp: 413878
Ion Ratio Lower Upper
240 100
120 7.9 7.1 10.7
236 26.0 20.7 31.1

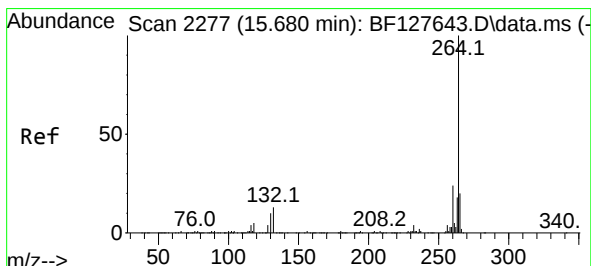
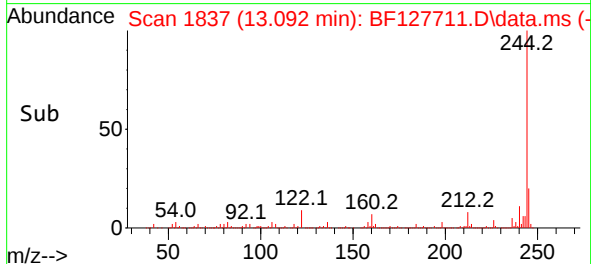
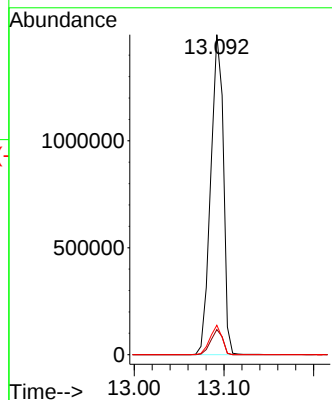
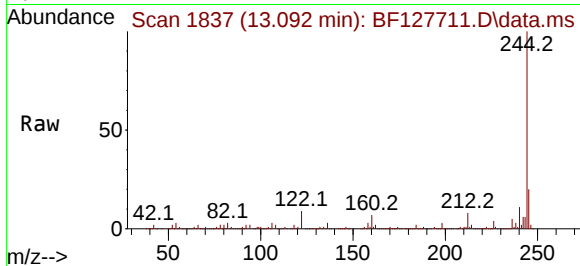




#79
 Terphenyl-d14
 Concen: 58.295 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127711.D
 Acq: 08 Apr 2022 14:01

Instrument :
 BNA_F
 ClientSampleId :
 TP2-A

Tgt Ion:244 Resp: 1461706
 Ion Ratio Lower Upper
 244 100
 212 7.8 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: BF127711.D
 Acq: 08 Apr 2022 14:01

Tgt Ion:264 Resp: 296573
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.2 17.4 26.2

