

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
 Data File : BF127597.D
 Acq On : 31 Mar 2022 11:02
 Operator : CG\JU
 Sample : PB143744BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143744BL

Quant Time: Apr 01 05:33:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

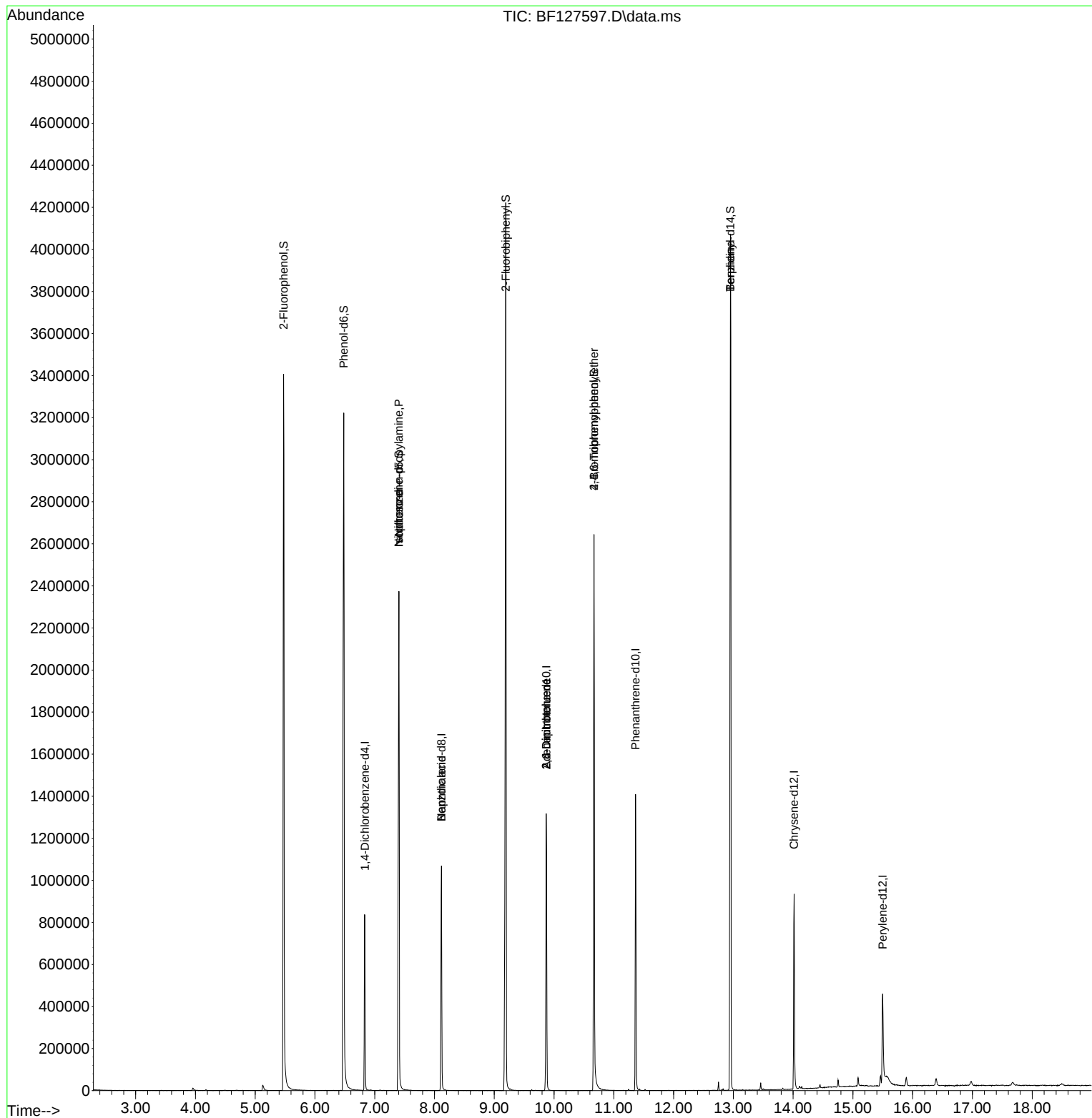
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	131207	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	496033	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	294252	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	511091	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	344026	20.000	ng	0.00
86) Perylene-d12	15.498	264	250386	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	980361	119.267	ng	0.02
7) Phenol-d6	6.481	99	1343532	119.575	ng	0.00
23) Nitrobenzene-d5	7.404	82	944911	81.428	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	358239	114.288	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1592998	79.053	ng	0.00
79) Terphenyl-d14	12.951	244	1669489	79.441	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	2220	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	127920	18.993	ng	# 81
25) Isophorone	7.404	82	944902	51.125	ng	# 70
32) Benzoic acid	8.116	122	77	6.059	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	37557	8.740	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	37557	6.790	ng	# 13
58) Fluorene	10.669	166	13709	Below Cal	#	91
67) 4-Bromophenyl-phenylether	10.669	248	22589	3.786	ng	# 1
77) Benzidine	12.951	184	20188	2.461	ng	# 91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
Data File : BF127597.D
Acq On : 31 Mar 2022 11:02
Operator : CG\JU
Sample : PB143744BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB143744BL

Quant Time: Apr 01 05:33:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

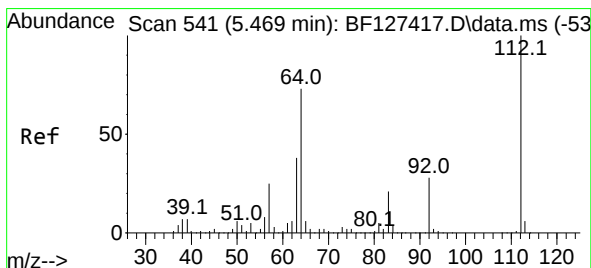
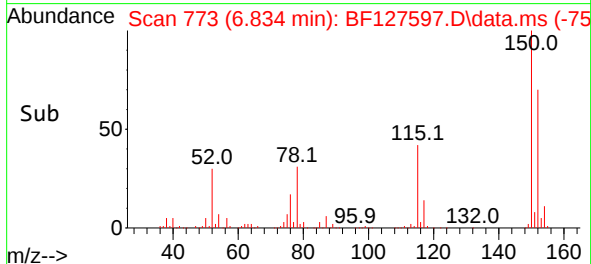
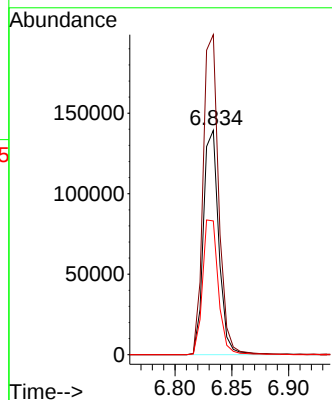
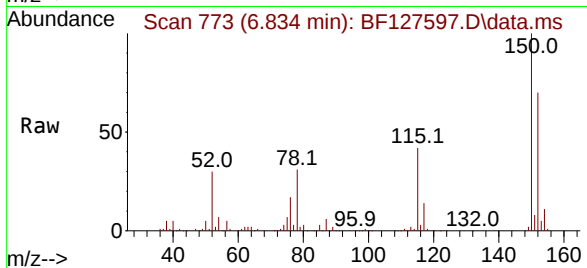




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127597.D
Acq: 31 Mar 2022 11:02

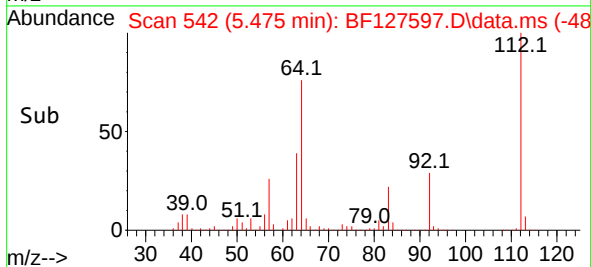
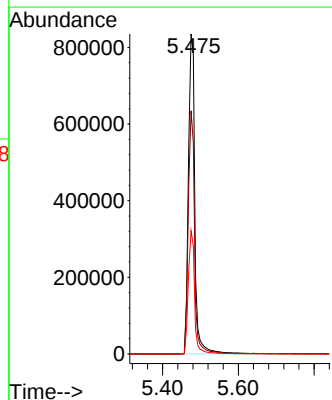
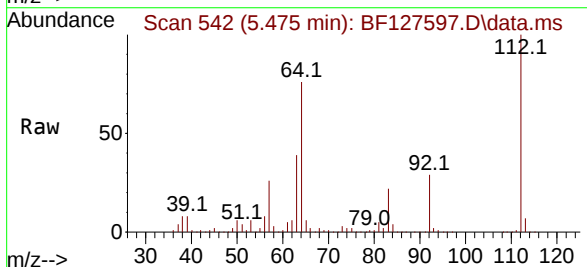
Instrument :
BNA_F
ClientSampleId :
PB143744BL

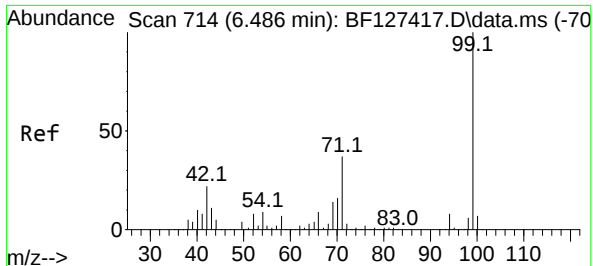
Tgt Ion:152 Resp: 131207
Ion Ratio Lower Upper
152 100
150 142.6 117.2 175.8
115 59.6 49.8 74.6



#5
2-Fluorophenol
Concen: 119.267 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.018 min
Lab File: BF127597.D
Acq: 31 Mar 2022 11:02

Tgt Ion:112 Resp: 980361
Ion Ratio Lower Upper
112 100
64 76.0 58.4 87.6
63 38.5 30.1 45.1

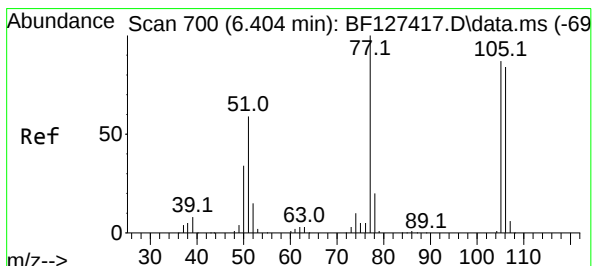
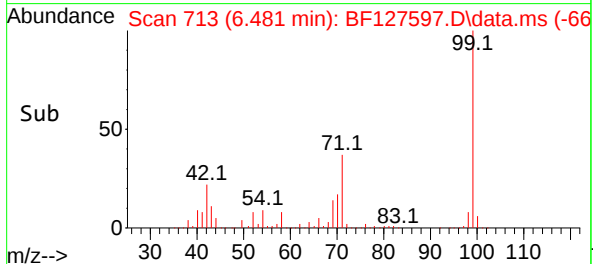
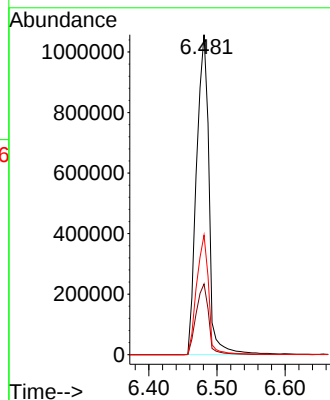
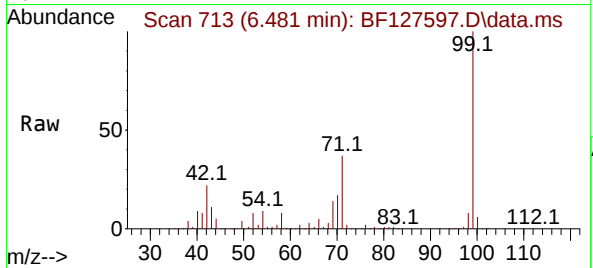




#7
Phenol-d6
Concen: 119.575 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF127597.D
Acq: 31 Mar 2022 11:02

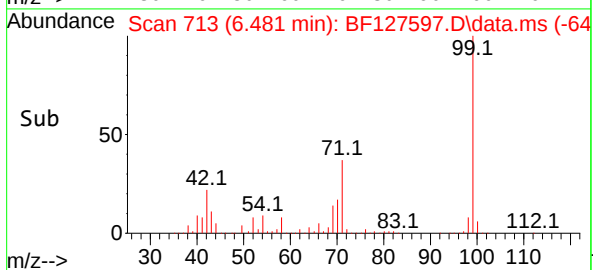
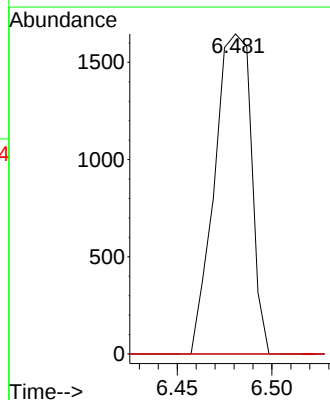
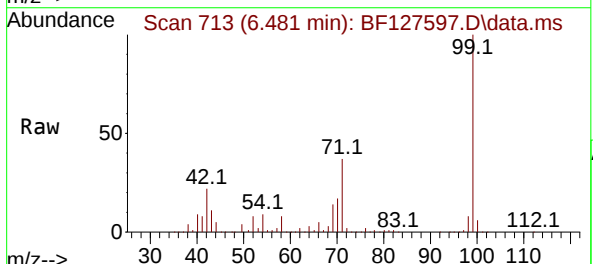
Instrument :
BNA_F
ClientSampleId :
PB143744BL

Tgt Ion: 99 Resp: 1343532
Ion Ratio Lower Upper
99 100
42 22.1 17.8 26.6
71 37.4 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.088 min
Lab File: BF127597.D
Acq: 31 Mar 2022 11:02

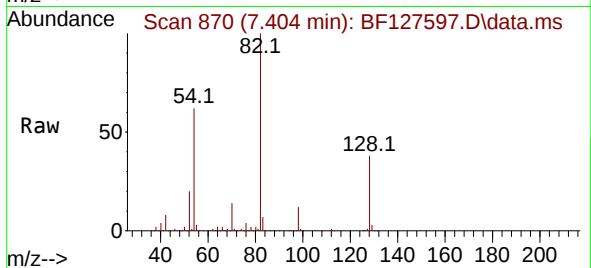
Tgt Ion: 77 Resp: 2220
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#



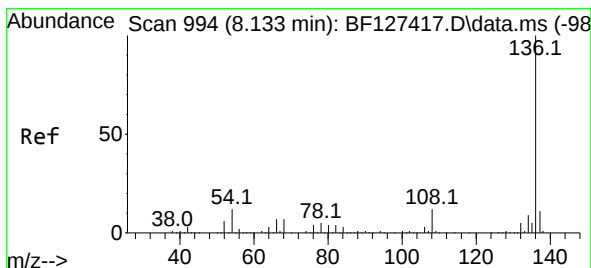
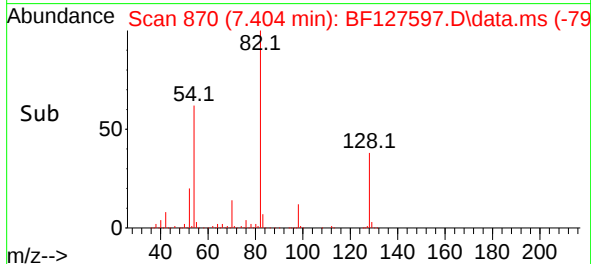
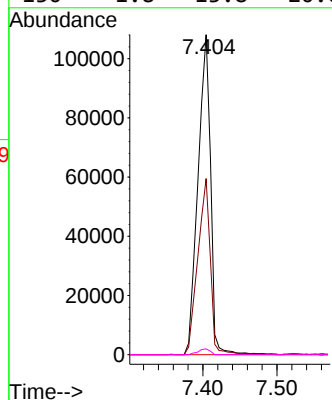


#19
n-Nitroso-di-n-propylamine
Concen: 18.993 ng
RT: 7.404 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127597.D
Acq: 31 Mar 2022 11:02

Instrument :
BNA_F
ClientSampleId :
PB143744BL

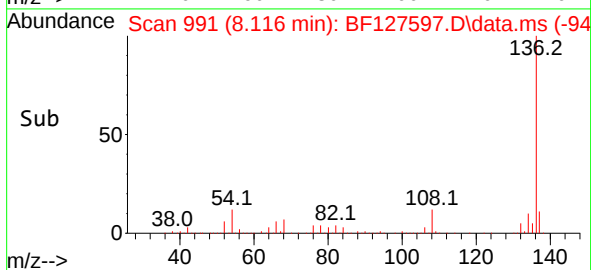
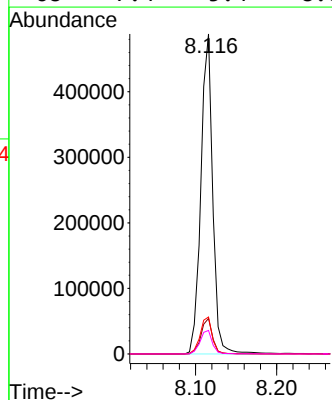
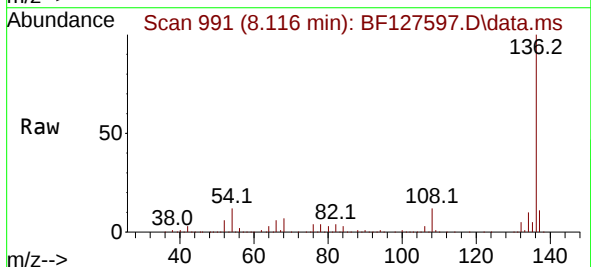


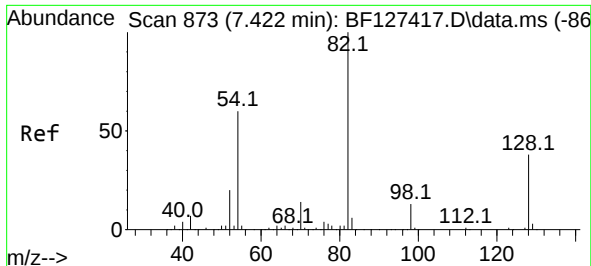
Tgt Ion: 70 Resp: 127920
Ion Ratio Lower Upper
70 100
42 55.0 53.0 79.6
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127597.D
Acq: 31 Mar 2022 11:02

Tgt Ion: 136 Resp: 496033
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 11.6 9.2 13.8
68 7.4 5.4 8.0

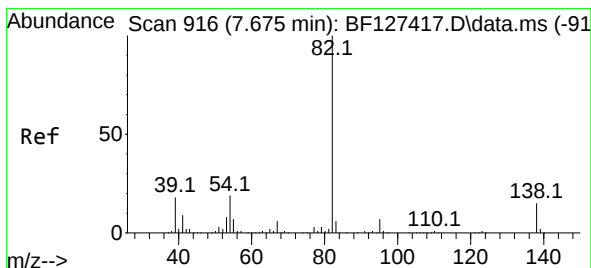
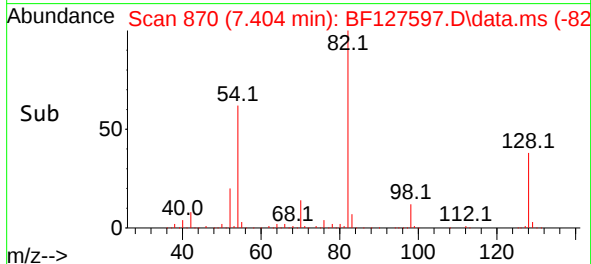
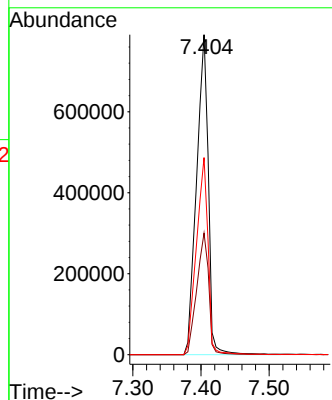
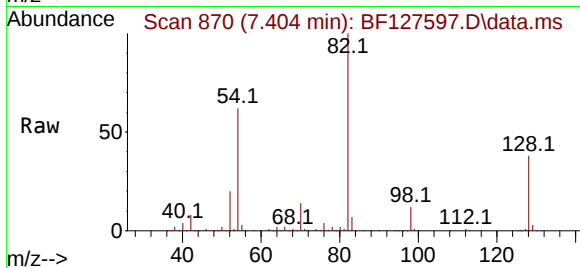




#23
Nitrobenzene-d5
Concen: 81.428 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127597.D
Acq: 31 Mar 2022 11:02

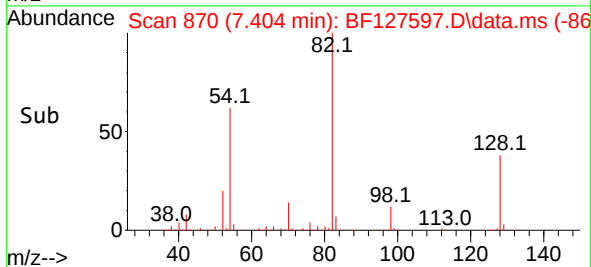
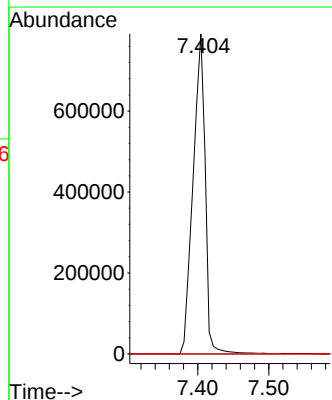
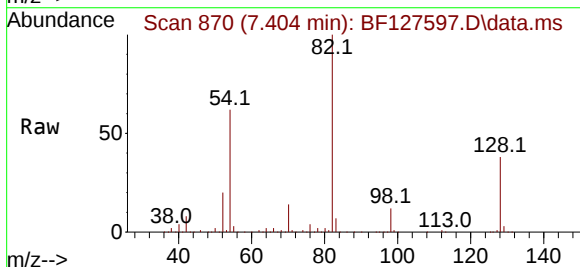
Instrument :
BNA_F
ClientSampleId :
PB143744BL

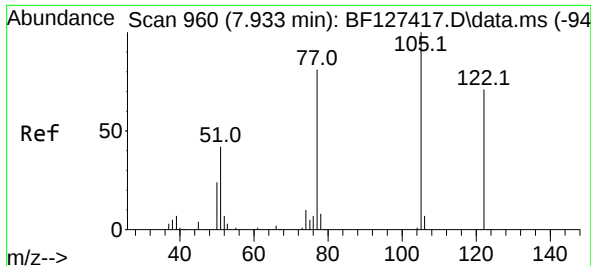
Tgt Ion: 82 Resp: 944911
Ion Ratio Lower Upper
82 100
128 38.0 30.6 45.8
54 61.6 48.2 72.2



#25
Isophorone
Concen: 51.125 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.259 min
Lab File: BF127597.D
Acq: 31 Mar 2022 11:02

Tgt Ion: 82 Resp: 944902
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

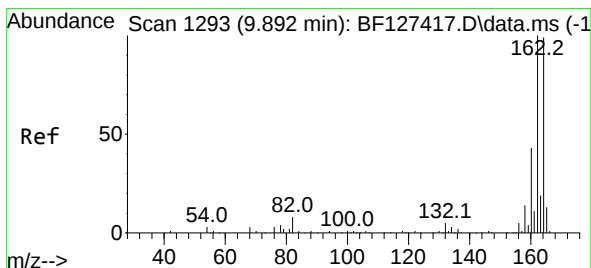
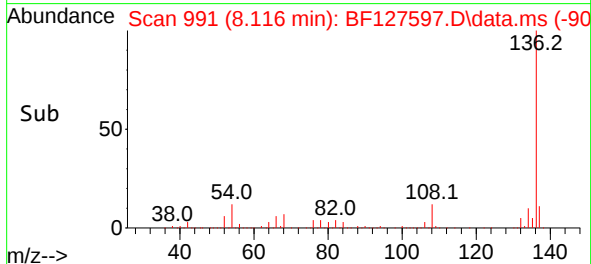
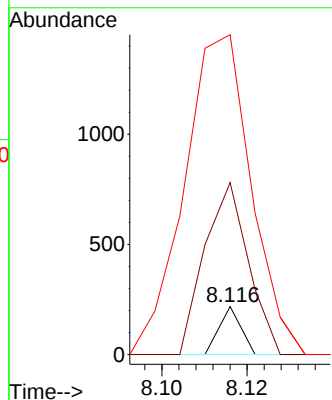
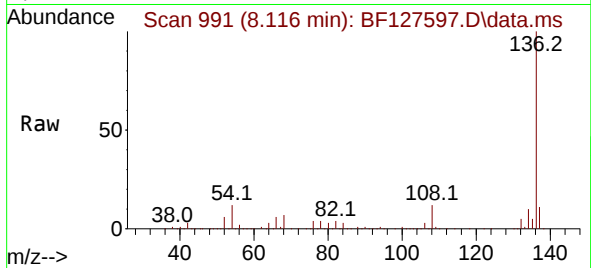




#32
Benzoic acid
Concen: 6.059 ng
RT: 8.116 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF127597.D
Acq: 31 Mar 2022 11:02

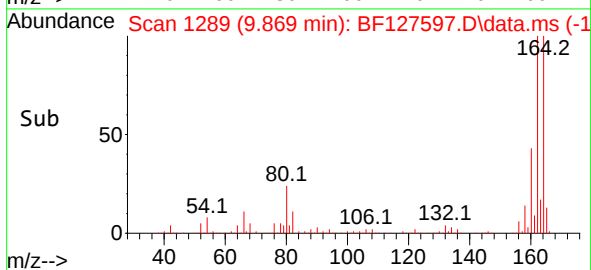
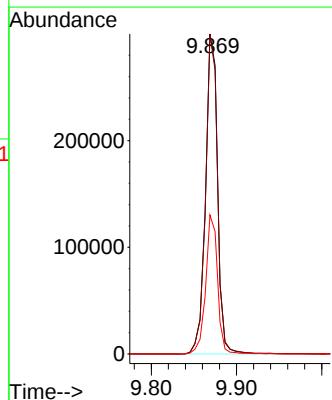
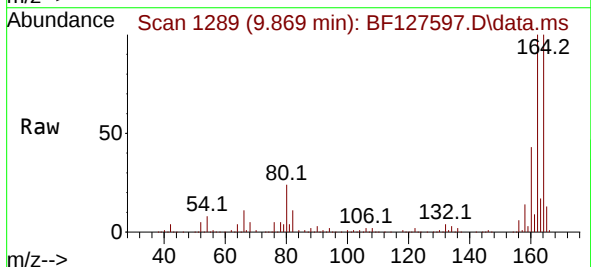
Instrument :
BNA_F
ClientSampleId :
PB143744BL

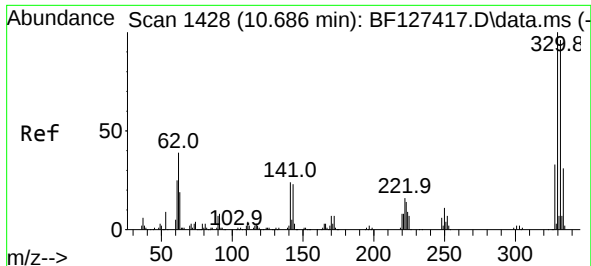
Tgt Ion:122 Resp: 77
Ion Ratio Lower Upper
122 100
105 358.3 117.1 157.1#
77 666.1 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127597.D
Acq: 31 Mar 2022 11:02

Tgt Ion:164 Resp: 294252
Ion Ratio Lower Upper
164 100
162 99.9 81.2 121.8
160 43.4 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 114.288 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127597.D

Acq: 31 Mar 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB143744BL

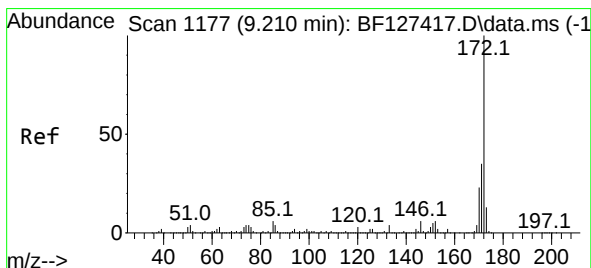
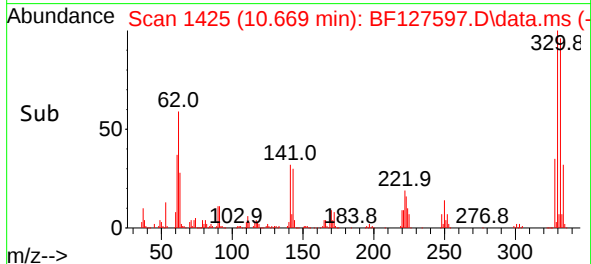
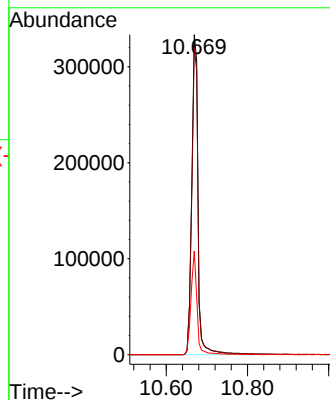
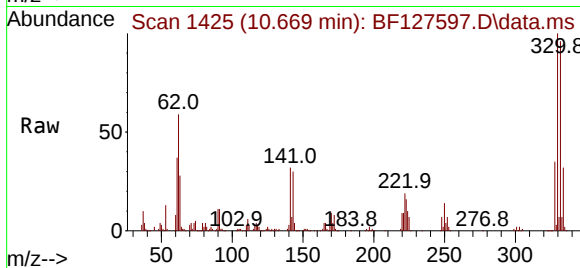
Tgt Ion:330 Resp: 358239

Ion Ratio Lower Upper

330 100

332 95.7 79.1 118.7

141 30.8 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 79.053 ng

RT: 9.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF127597.D

Acq: 31 Mar 2022 11:02

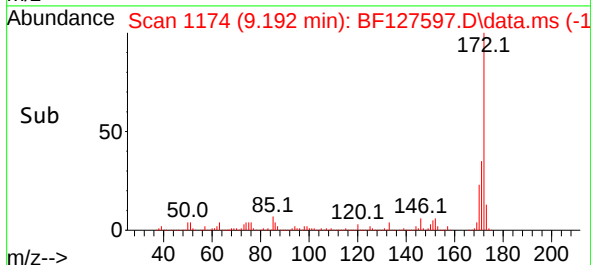
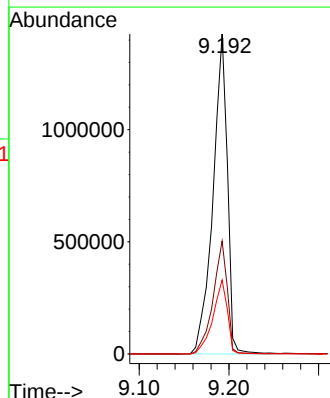
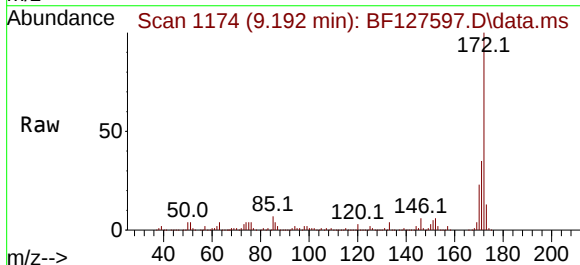
Tgt Ion:172 Resp: 1592998

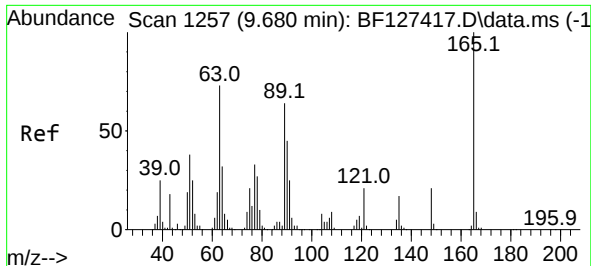
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.1 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.740 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127597.D

Acq: 31 Mar 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB143744BL

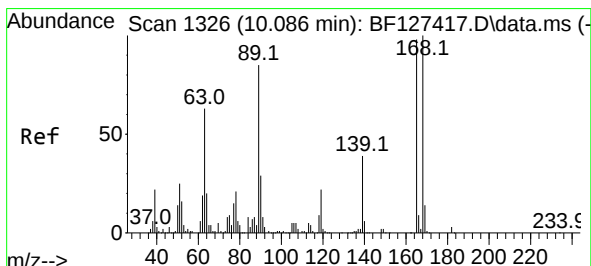
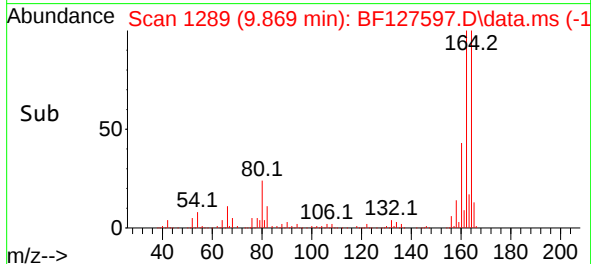
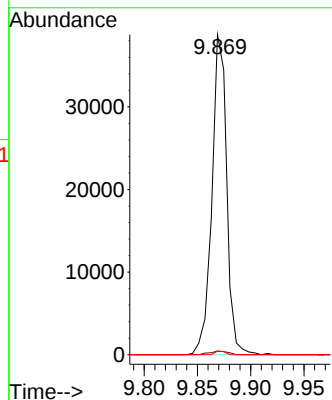
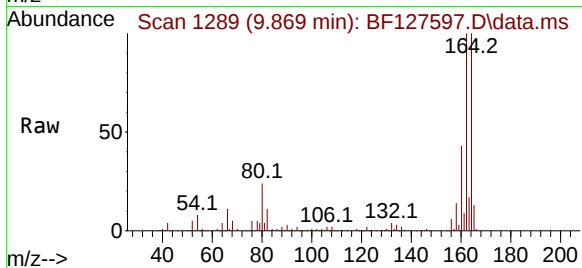
Tgt Ion:165 Resp: 37557

Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

89 1.1 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 6.790 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.206 min

Lab File: BF127597.D

Acq: 31 Mar 2022 11:02

Tgt Ion:165 Resp: 37557

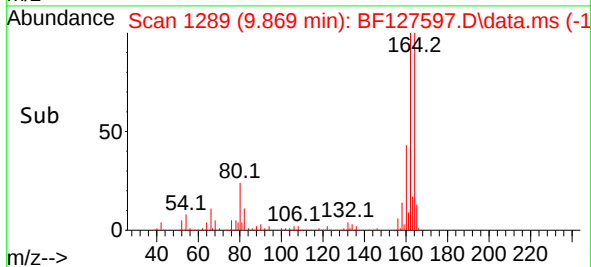
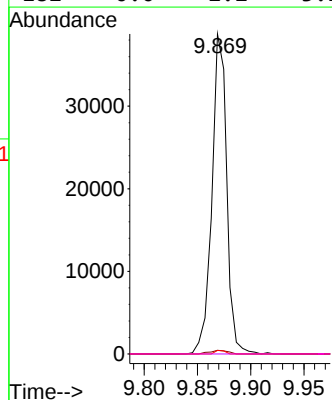
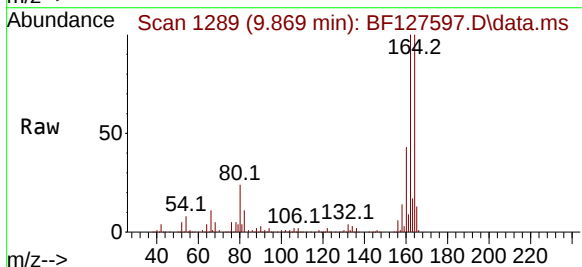
Ion Ratio Lower Upper

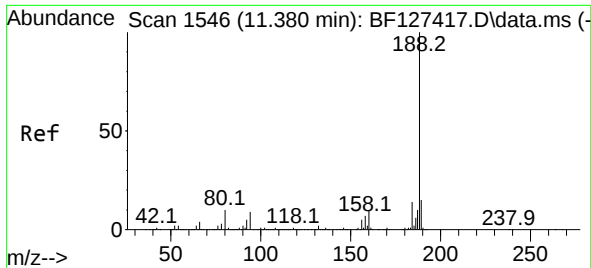
165 100

63 1.1 53.1 79.7#

89 1.1 69.2 103.8#

182 0.0 2.2 3.2#

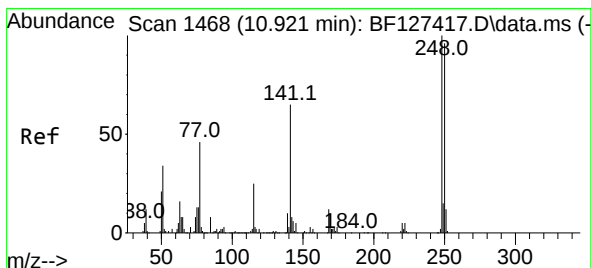
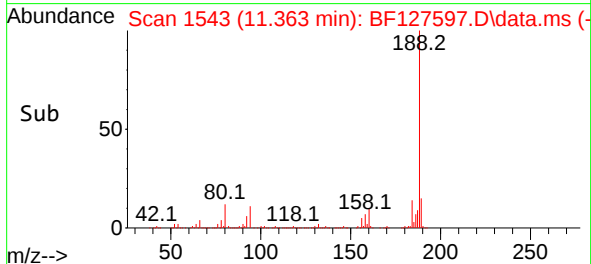
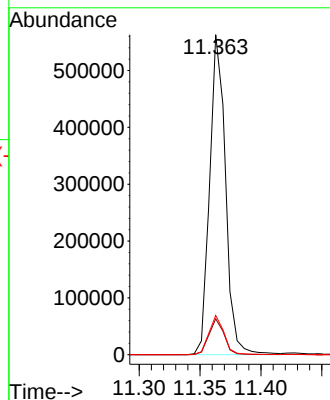
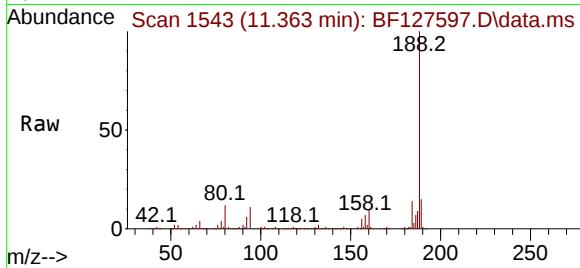




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127597.D
Acq: 31 Mar 2022 11:02

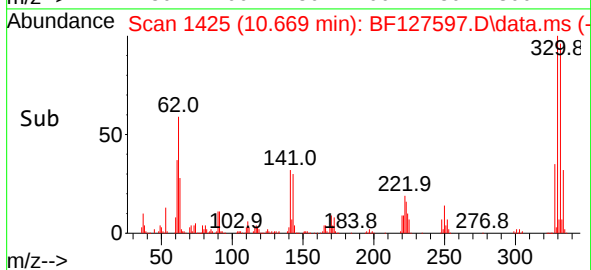
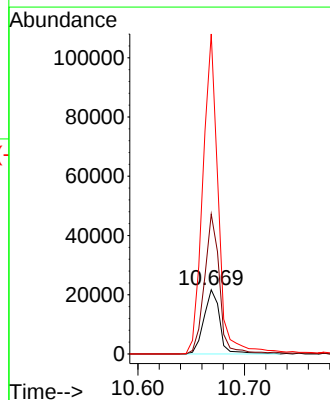
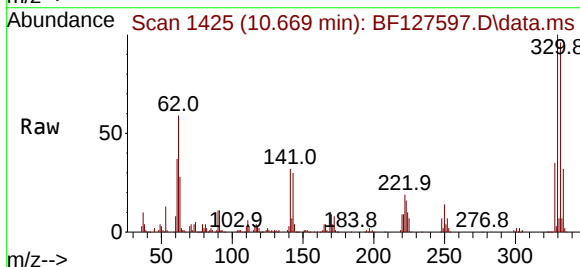
Instrument :
BNA_F
ClientSampleId :
PB143744BL

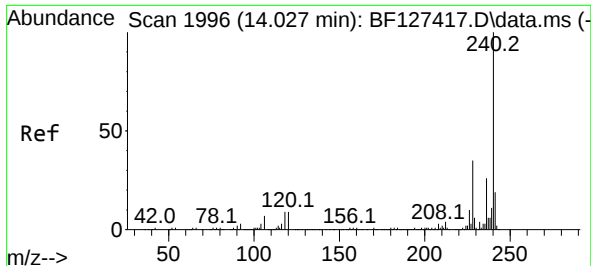
Tgt Ion:188 Resp: 511091
Ion Ratio Lower Upper
188 100
94 11.2 7.4 11.0#
80 12.2 8.0 12.0#



#67
4-Bromophenyl-phenylether
Concen: 3.786 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.235 min
Lab File: BF127597.D
Acq: 31 Mar 2022 11:02

Tgt Ion:248 Resp: 22589
Ion Ratio Lower Upper
248 100
250 217.9 76.6 115.0#
141 498.3 52.2 78.2#

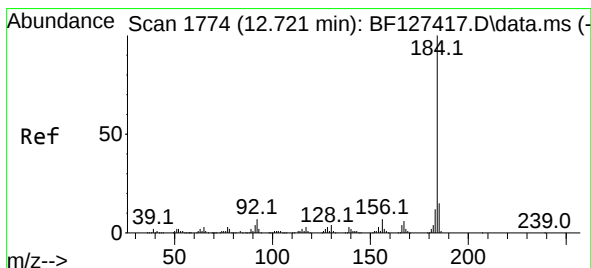
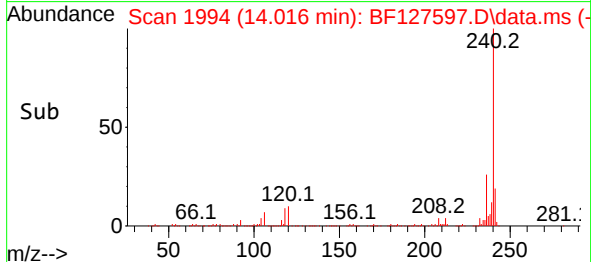
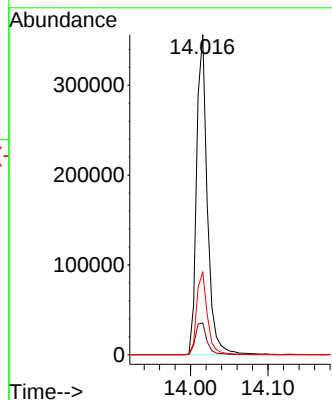
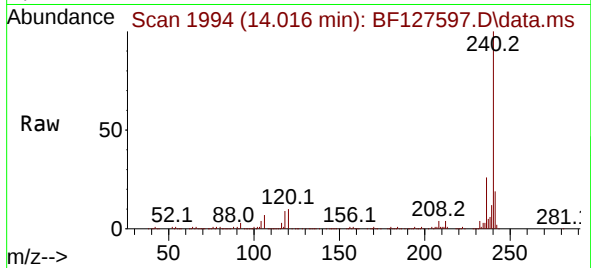




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127597.D
Acq: 31 Mar 2022 11:02

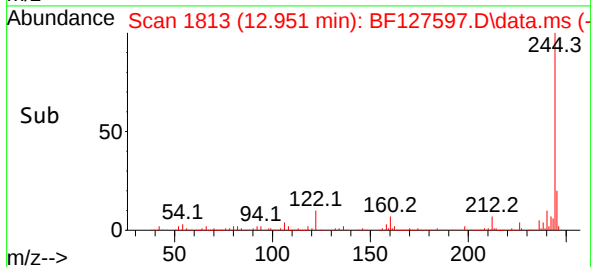
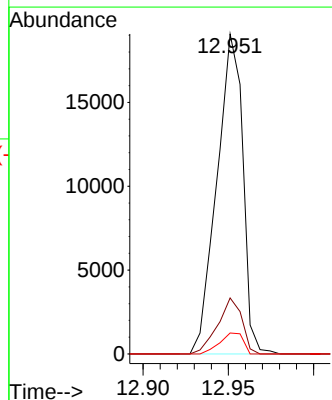
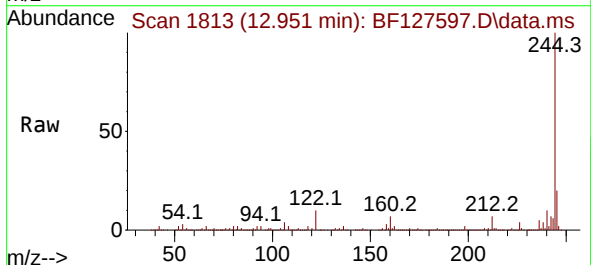
Instrument :
BNA_F
ClientSampleId :
PB143744BL

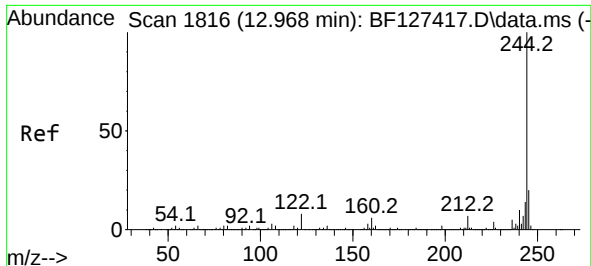
Tgt Ion:240 Resp: 344026
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 25.7 20.7 31.1



#77
Benzidine
Concen: 2.461 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127597.D
Acq: 31 Mar 2022 11:02

Tgt Ion:184 Resp: 20188
Ion Ratio Lower Upper
184 100
185 17.5 12.2 18.2
183 6.6 9.4 14.0#

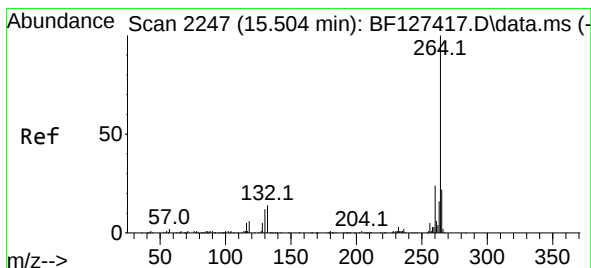
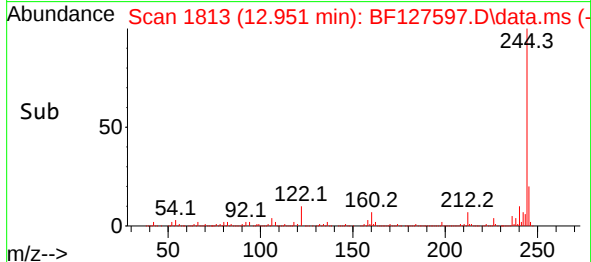
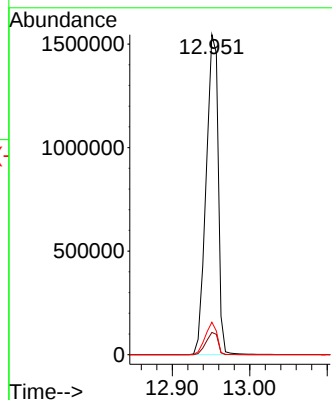
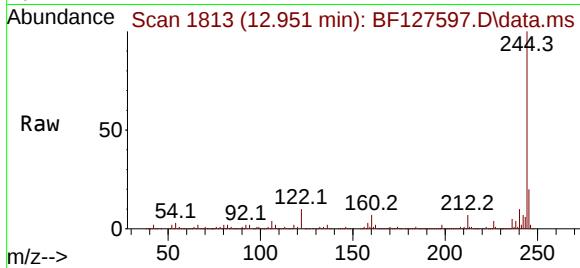




#79
 Terphenyl-d14
 Concen: 79.441 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BF127597.D
 Acq: 31 Mar 2022 11:02

Instrument :
 BNA_F
 ClientSampleId :
 PB143744BL

Tgt Ion:244 Resp: 1669489
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.2 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2246
 Delta R.T. 0.006 min
 Lab File: BF127597.D
 Acq: 31 Mar 2022 11:02

Tgt Ion:264 Resp: 250386
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.3 17.4 26.2

