

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127519.D
 Acq On : 25 Mar 2022 10:21
 Operator : CG\JU
 Sample : PB143592BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143592BL

Quant Time: Mar 25 17:23:12 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 22 02:16:33 2022
 Response via : Initial Calibration

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

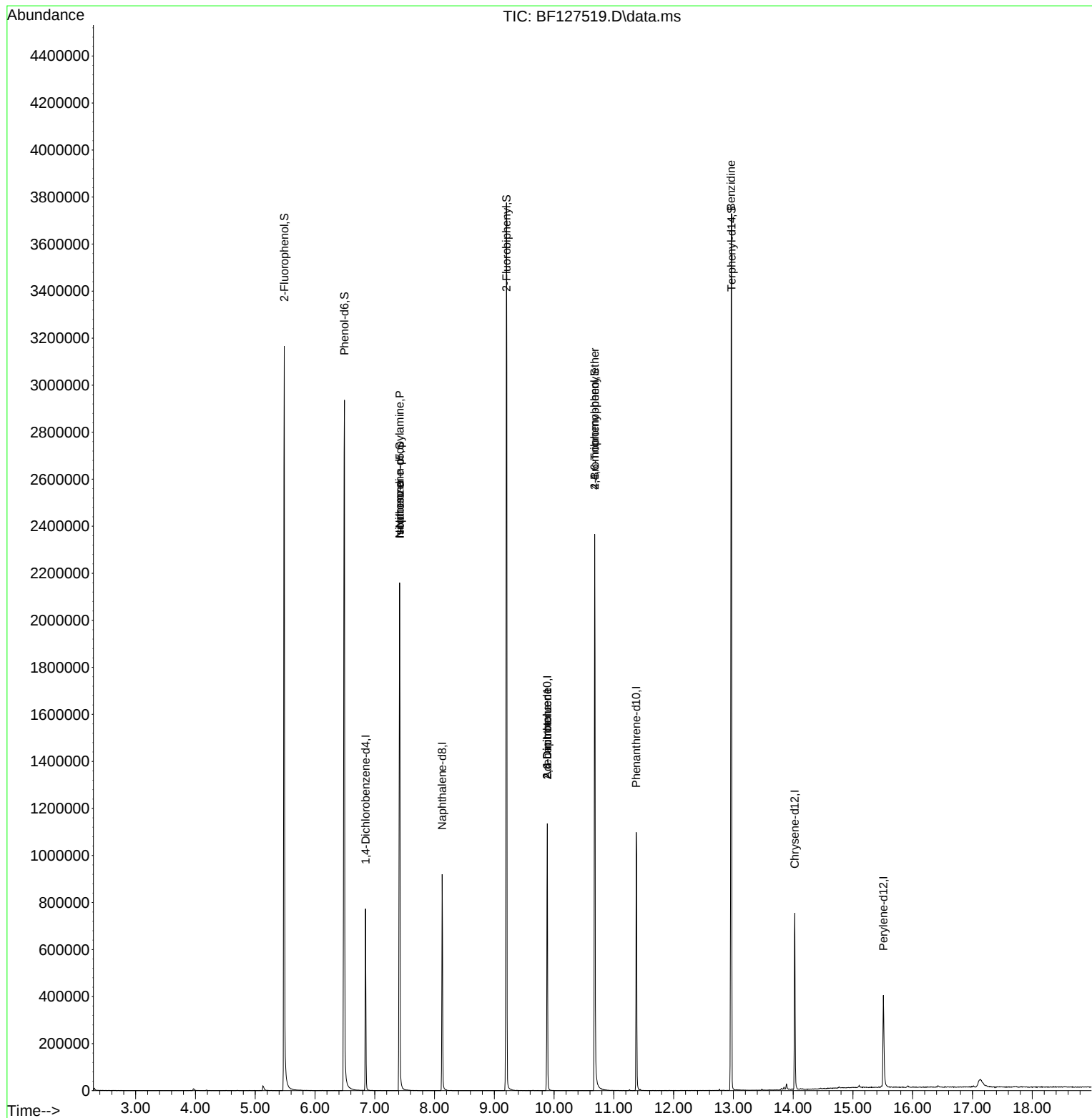
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	104493	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	390566	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	227691	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	415349	20.000	ng	0.00
76) Chrysene-d12	14.027	240	276751	20.000	ng	0.00
86) Perylene-d12	15.509	264	198262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	809954	123.727	ng	0.02
7) Phenol-d6	6.492	99	1125157	125.740	ng	0.00
23) Nitrobenzene-d5	7.416	82	788905	86.342	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	301789	124.424	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1318967	84.588	ng	0.00
79) Terphenyl-d14	12.968	244	1504394	88.987	ng	0.00
Target Compounds						
9) Benzaldehyde	6.492	77	1701	Below Cal	Qvalue	# 7
19) n-Nitroso-di-n-propyla...	7.416	70	107346	20.013	ng	# 82
25) Isophorone	7.416	82	788898	54.210	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	28594	8.600	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	28594	6.681	ng	# 14
58) Fluorene	10.680	166	11066	Below Cal	Qvalue	# 86
67) 4-Bromophenyl-phenylether	10.680	248	19922	4.108	ng	# 1
77) Benzidine	12.963	184	19173	2.906	ng	# 92

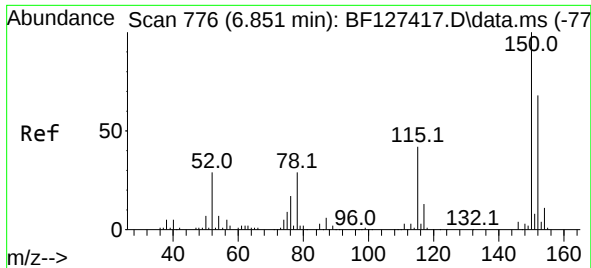
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127519.D
Acq On : 25 Mar 2022 10:21
Operator : CG\JU
Sample : PB143592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB143592BL

Quant Time: Mar 25 17:23:12 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 22 02:16:33 2022
Response via : Initial Calibration

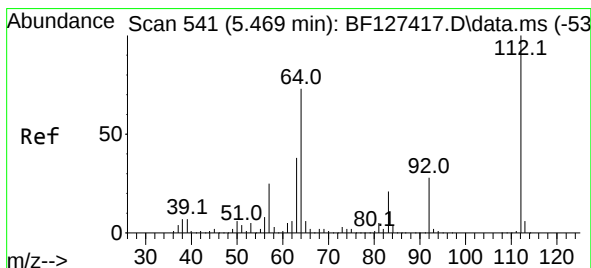
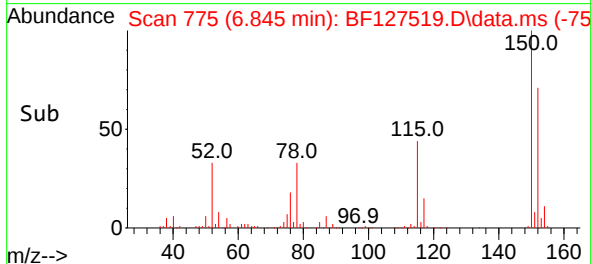
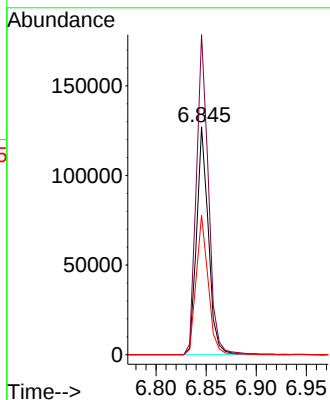
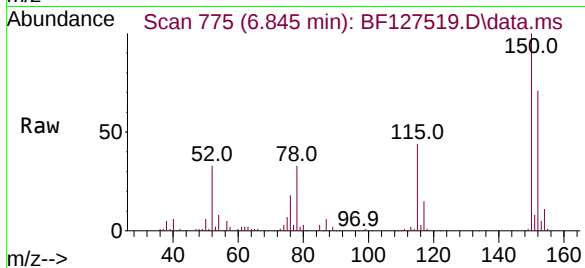




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

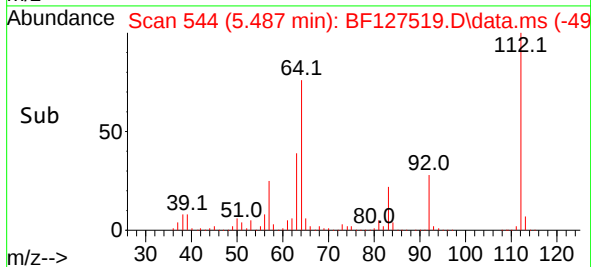
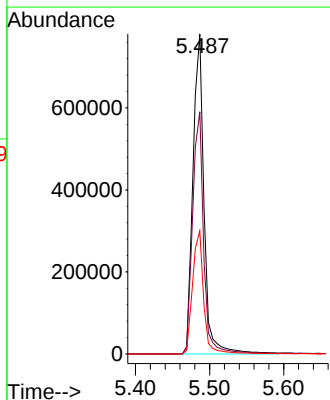
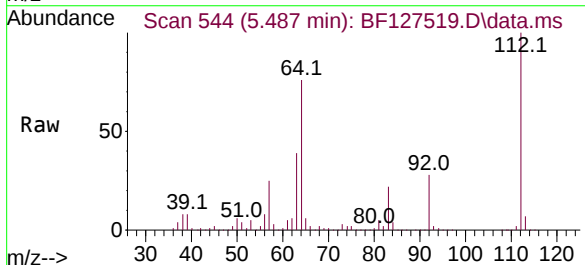
Instrument :
BNA_F
ClientSampleId :
PB143592BL

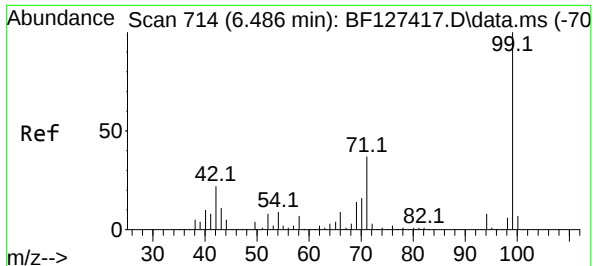
Tgt Ion:152 Resp: 104493
Ion Ratio Lower Upper
152 100
150 140.5 117.2 175.8
115 61.3 49.8 74.6



#5
2-Fluorophenol
Concen: 123.727 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

Tgt Ion:112 Resp: 809954
Ion Ratio Lower Upper
112 100
64 75.7 58.4 87.6
63 38.5 30.1 45.1

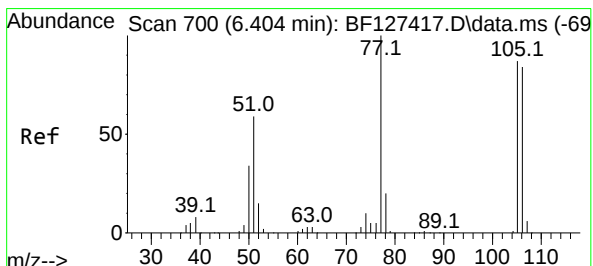
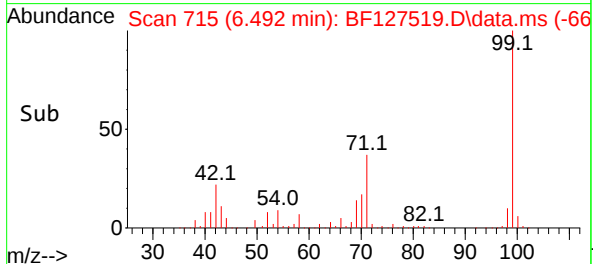
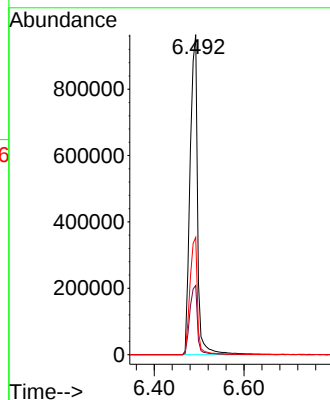
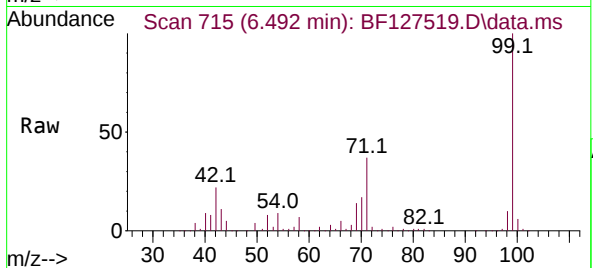




#7
Phenol-d6
Concen: 125.740 ng
RT: 6.492 min Scan# 715
Delta R.T. 0.006 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

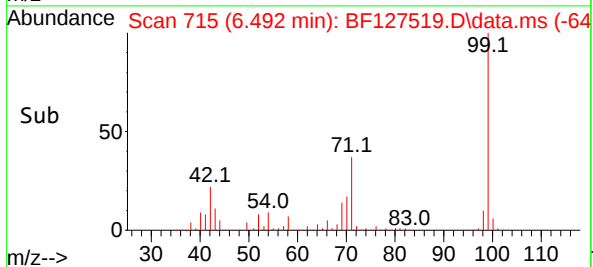
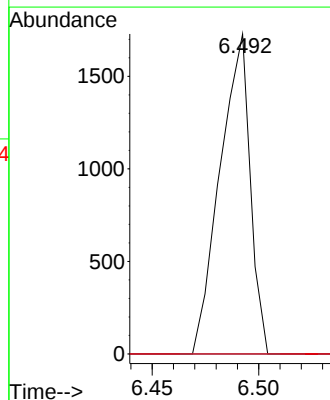
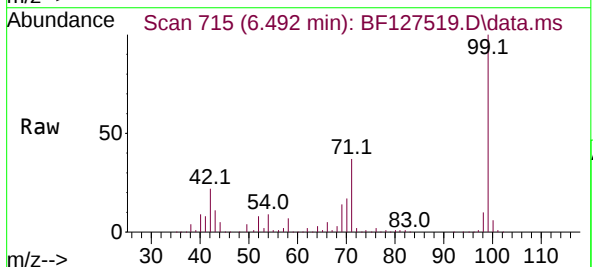
Instrument :
BNA_F
ClientSampleId :
PB143592BL

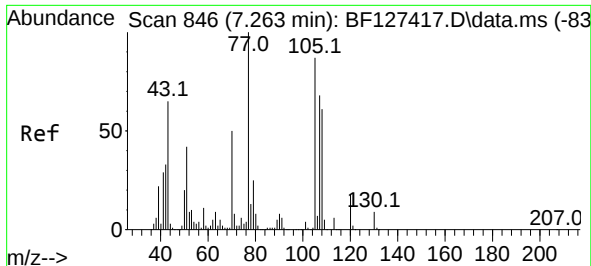
Tgt Ion: 99 Resp: 1125157
Ion Ratio Lower Upper
99 100
42 21.6 17.8 26.6
71 36.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.492 min Scan# 715
Delta R.T. 0.088 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

Tgt Ion: 77 Resp: 1701
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: 20.013 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127519.D

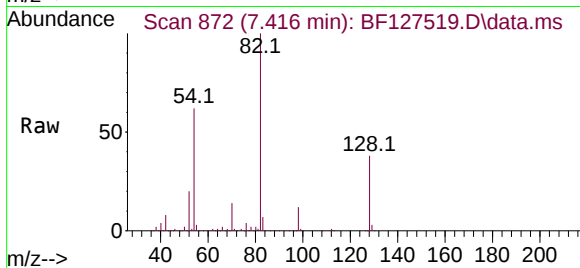
Acq: 25 Mar 2022 10:21

Instrument :

BNA_F

ClientSampleId :

PB143592BL



Tgt Ion: 70 Resp: 107346

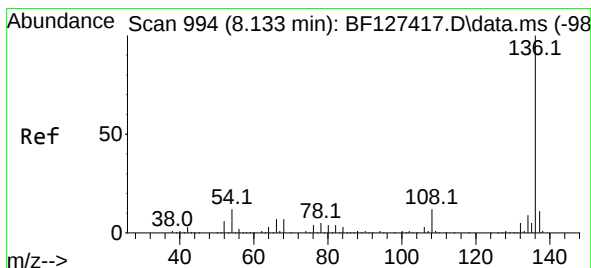
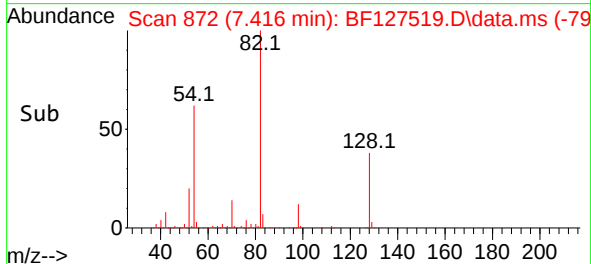
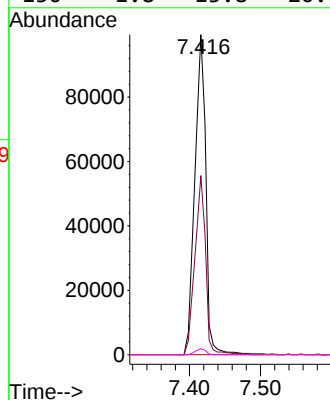
Ion Ratio Lower Upper

70 100

42 55.9 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: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127519.D

Acq: 25 Mar 2022 10:21

Tgt Ion: 136 Resp: 390566

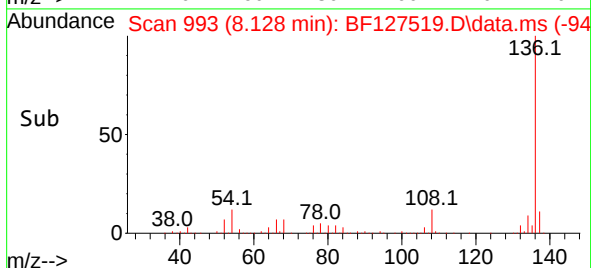
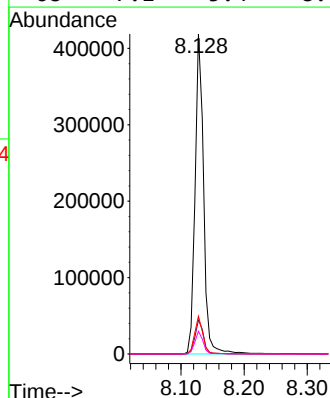
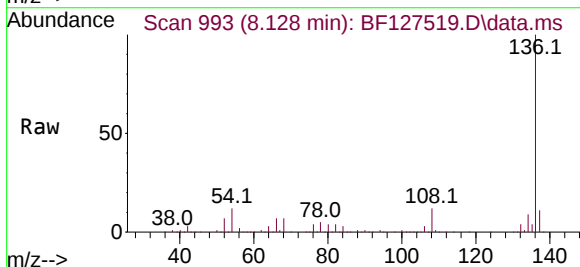
Ion Ratio Lower Upper

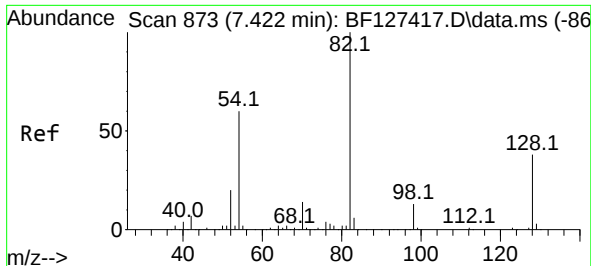
136 100

137 10.6 8.6 13.0

54 11.8 9.2 13.8

68 7.1 5.4 8.0

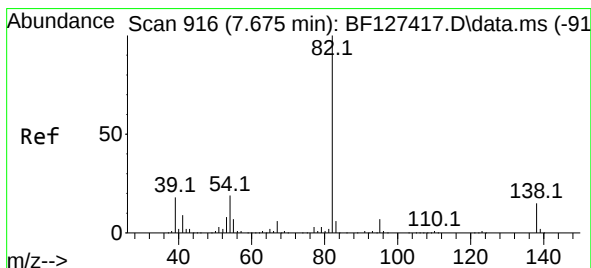
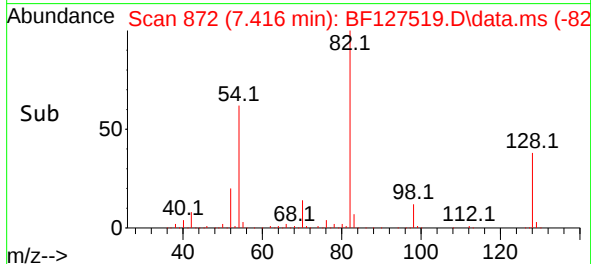
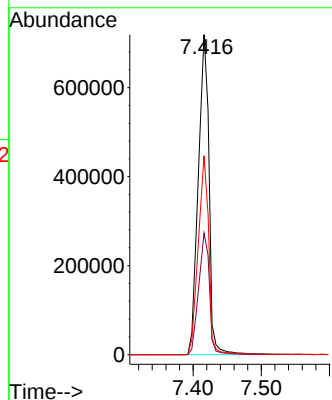
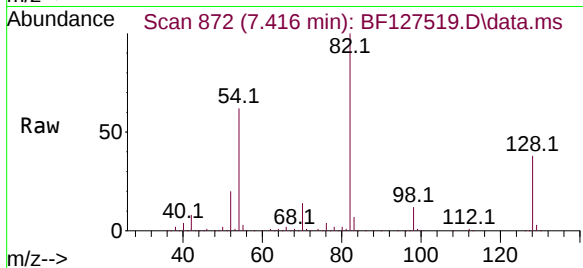




#23
Nitrobenzene-d5
Concen: 86.342 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

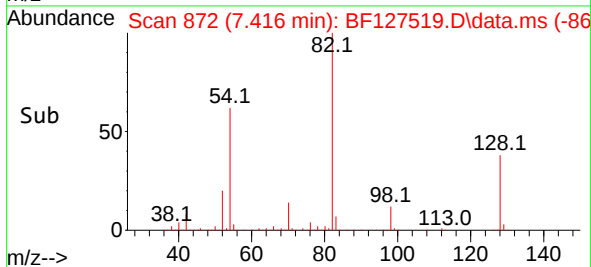
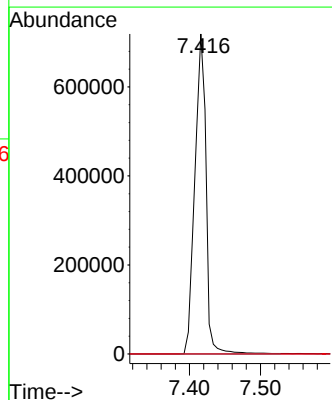
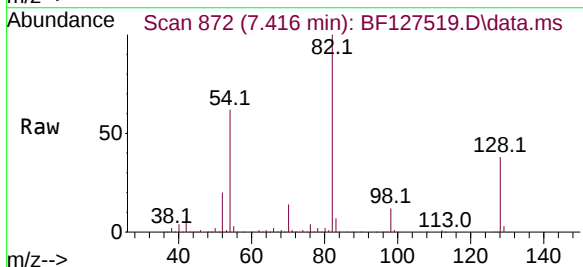
Instrument :
BNA_F
ClientSampleId :
PB143592BL

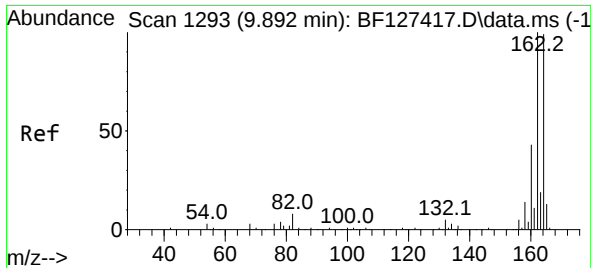
Tgt Ion: 82 Resp: 788905
Ion Ratio Lower Upper
82 100
128 38.0 30.6 45.8
54 62.2 48.2 72.2



#25
Isophorone
Concen: 54.210 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.259 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

Tgt Ion: 82 Resp: 788898
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: 9.886 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF127519.D

Acq: 25 Mar 2022 10:21

Instrument :

BNA_F

ClientSampleId :

PB143592BL

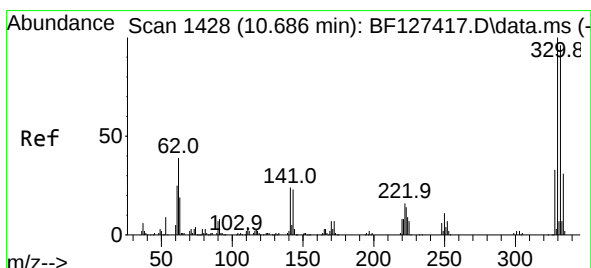
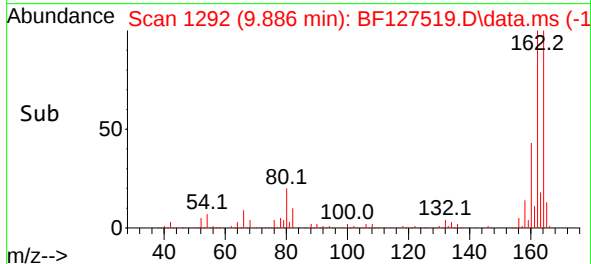
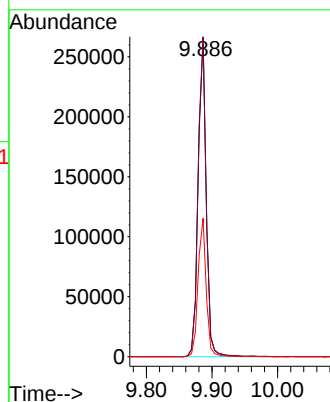
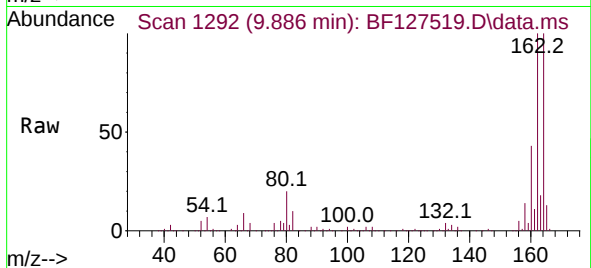
Tgt Ion:164 Resp: 227691

Ion Ratio Lower Upper

164 100

162 100.5 81.2 121.8

160 43.5 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 124.424 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127519.D

Acq: 25 Mar 2022 10:21

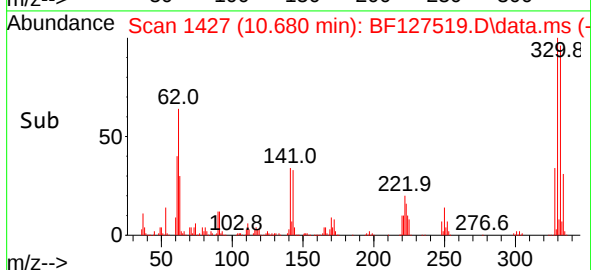
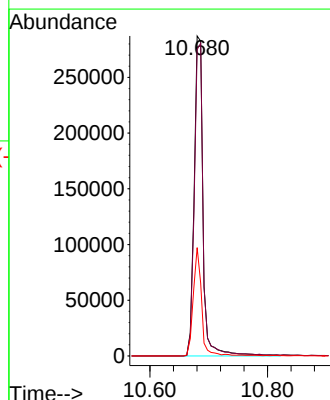
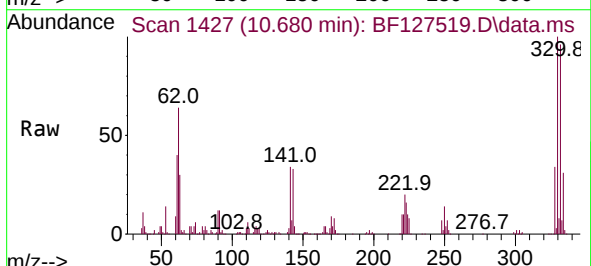
Tgt Ion:330 Resp: 301789

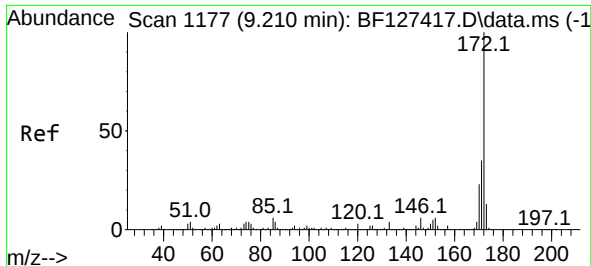
Ion Ratio Lower Upper

330 100

332 97.0 79.1 118.7

141 32.0 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 84.588 ng

RT: 9.204 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF127519.D

Acq: 25 Mar 2022 10:21

Instrument :

BNA_F

ClientSampleId :

PB143592BL

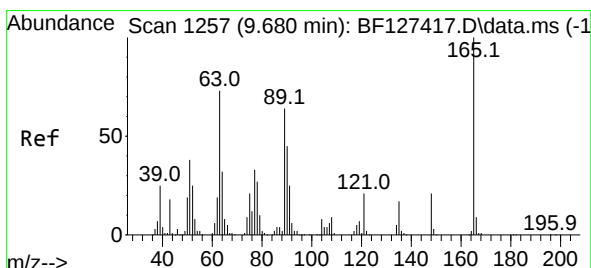
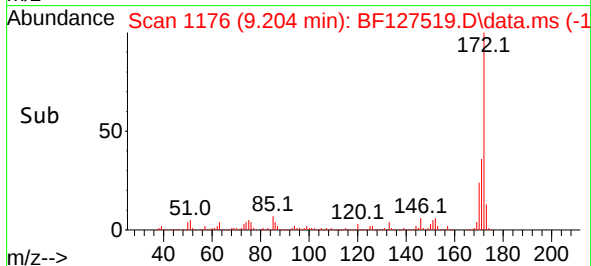
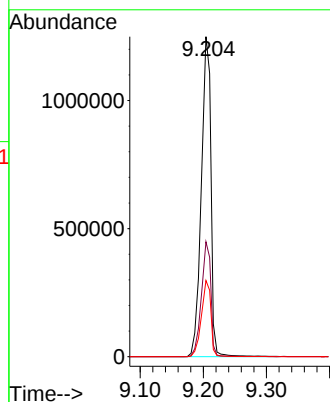
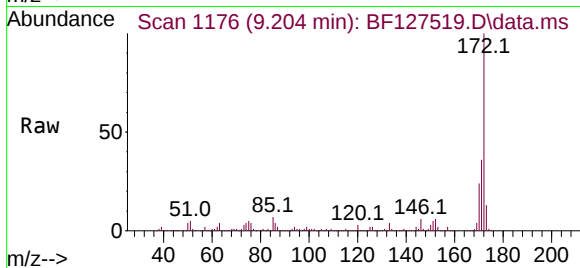
Tgt Ion:172 Resp: 1318967

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.8 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.600 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.206 min

Lab File: BF127519.D

Acq: 25 Mar 2022 10:21

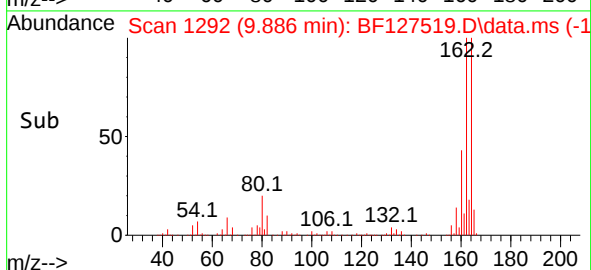
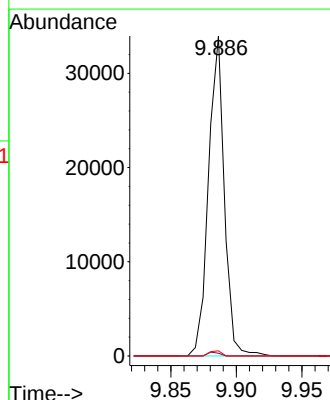
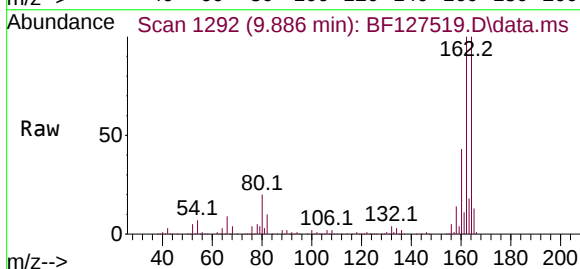
Tgt Ion:165 Resp: 28594

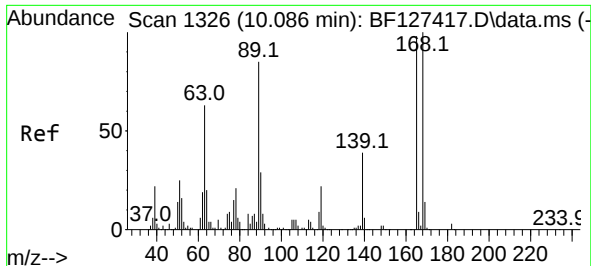
Ion Ratio Lower Upper

165 100

63 0.8 58.3 87.5#

89 1.6 51.5 77.3#

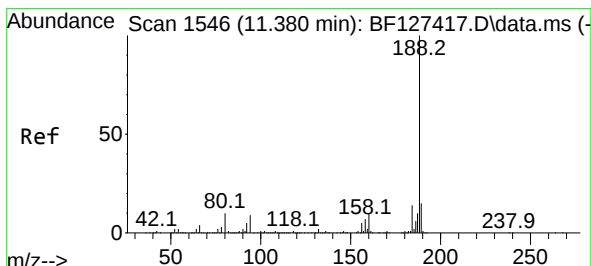
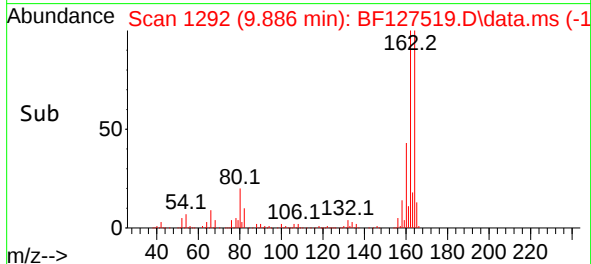
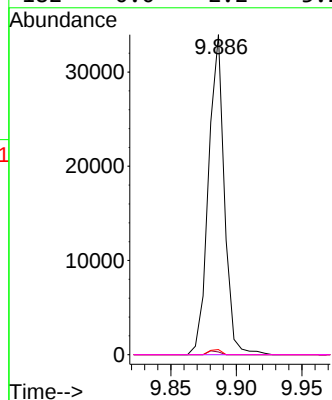
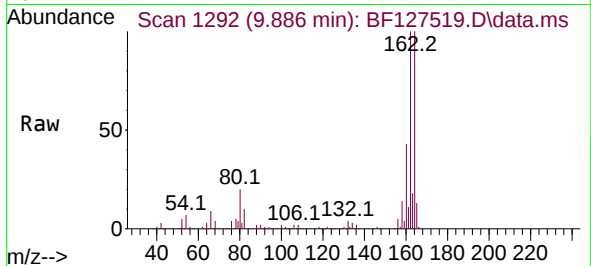




#57
2,4-Dinitrotoluene
Concen: 6.681 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

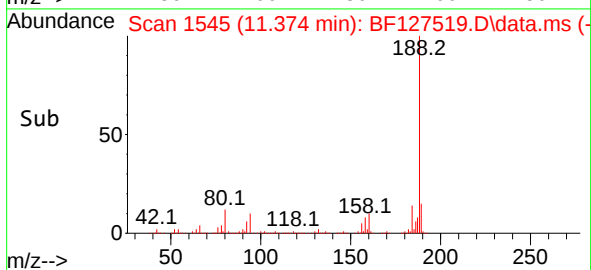
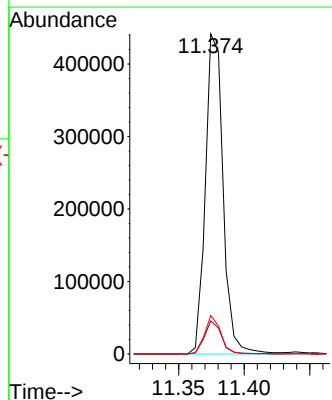
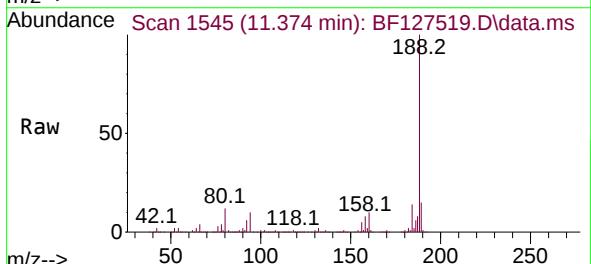
Instrument :
BNA_F
ClientSampleId :
PB143592BL

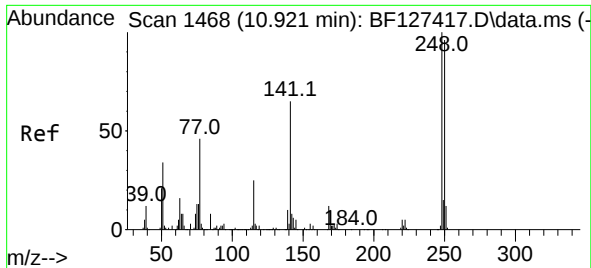
Tgt Ion:165 Resp: 28594
Ion Ratio Lower Upper
165 100
63 0.8 53.1 79.7#
89 1.6 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

Tgt Ion:188 Resp: 415349
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 12.0 8.0 12.0

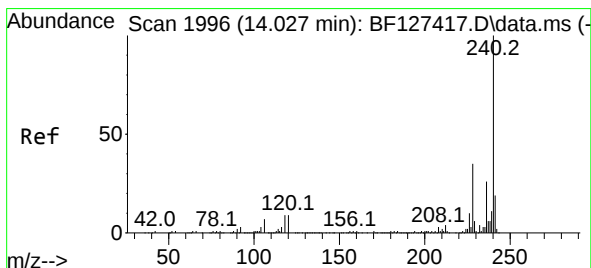
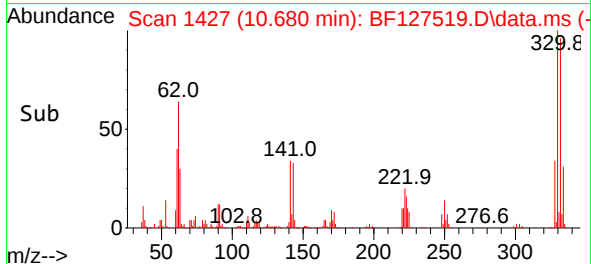
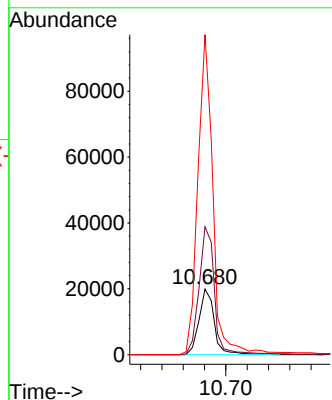
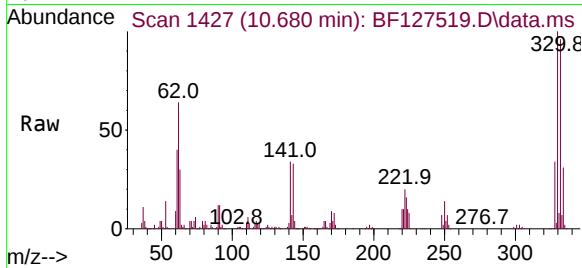




#67
4-Bromophenyl-phenylether
Concen: 4.108 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

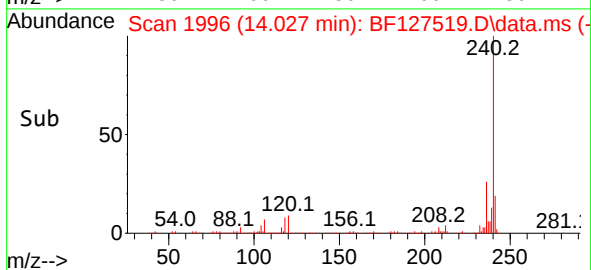
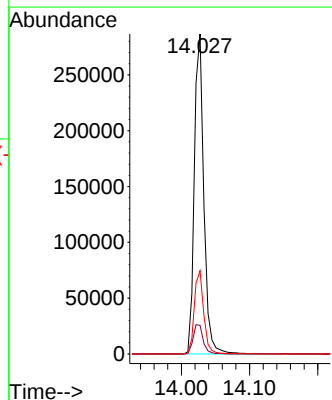
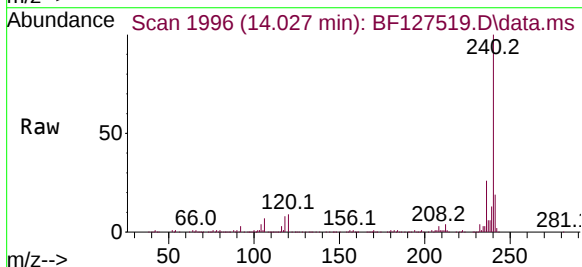
Instrument :
BNA_F
ClientSampleId :
PB143592BL

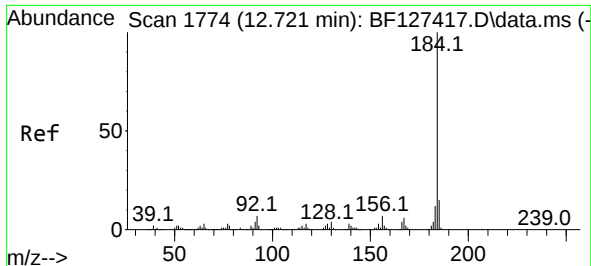
Tgt Ion:248 Resp: 19922
Ion Ratio Lower Upper
248 100
250 194.9 76.6 115.0#
141 487.7 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

Tgt Ion:240 Resp: 276751
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 26.0 20.7 31.1

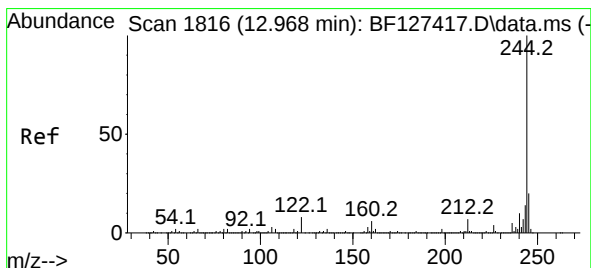
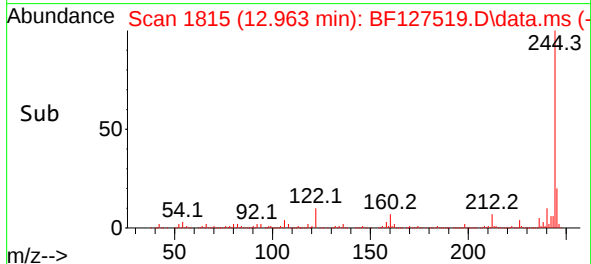
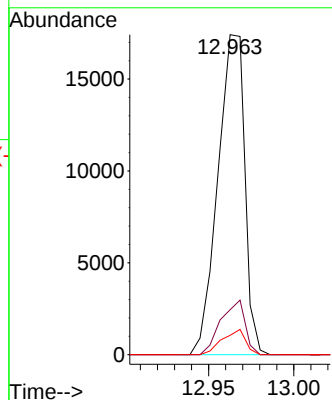
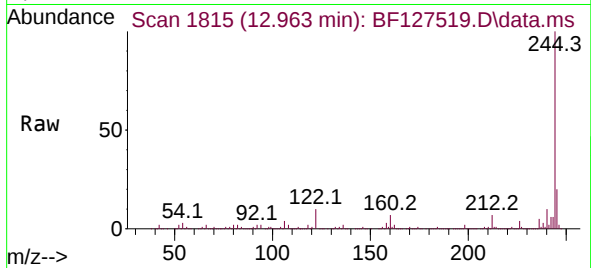




#77
Benzidine
Concen: 2.906 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

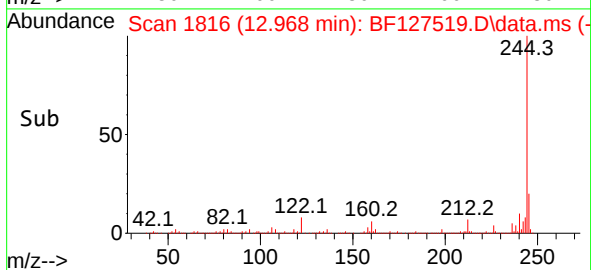
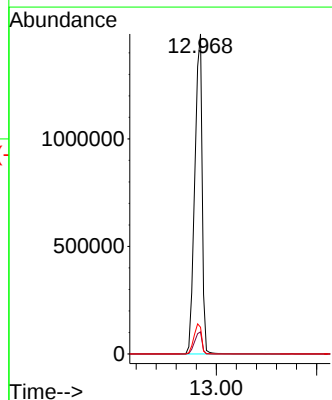
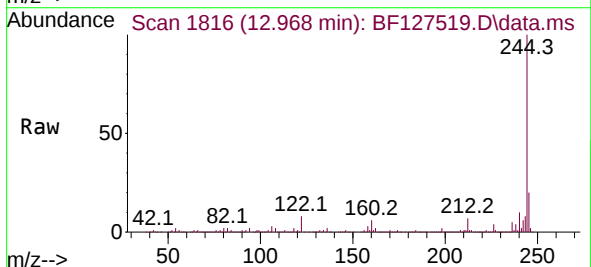
Instrument :
BNA_F
ClientSampleId :
PB143592BL

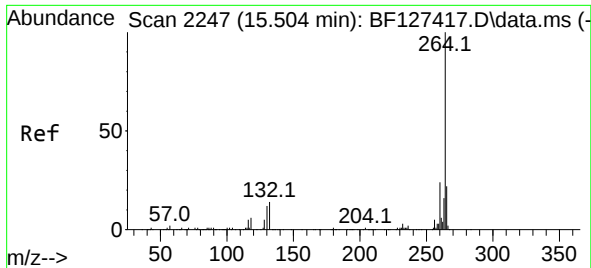
Tgt Ion:184 Resp: 19173
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.2
183 6.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 88.987 ng
RT: 12.968 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF127519.D
Acq: 25 Mar 2022 10:21

Tgt Ion:244 Resp: 1504394
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 8.4 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF127519.D
 Acq: 25 Mar 2022 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB143592BL

Tgt Ion:264 Resp: 198262
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.3 17.4 26.2

