

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
 Data File : BF127302.D
 Acq On : 11 Mar 2022 16:22
 Operator : CG\JU
 Sample : PB143171BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143171BL

Quant Time: Mar 11 17:26:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 12:42:13 2022
 Response via : Initial Calibration

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

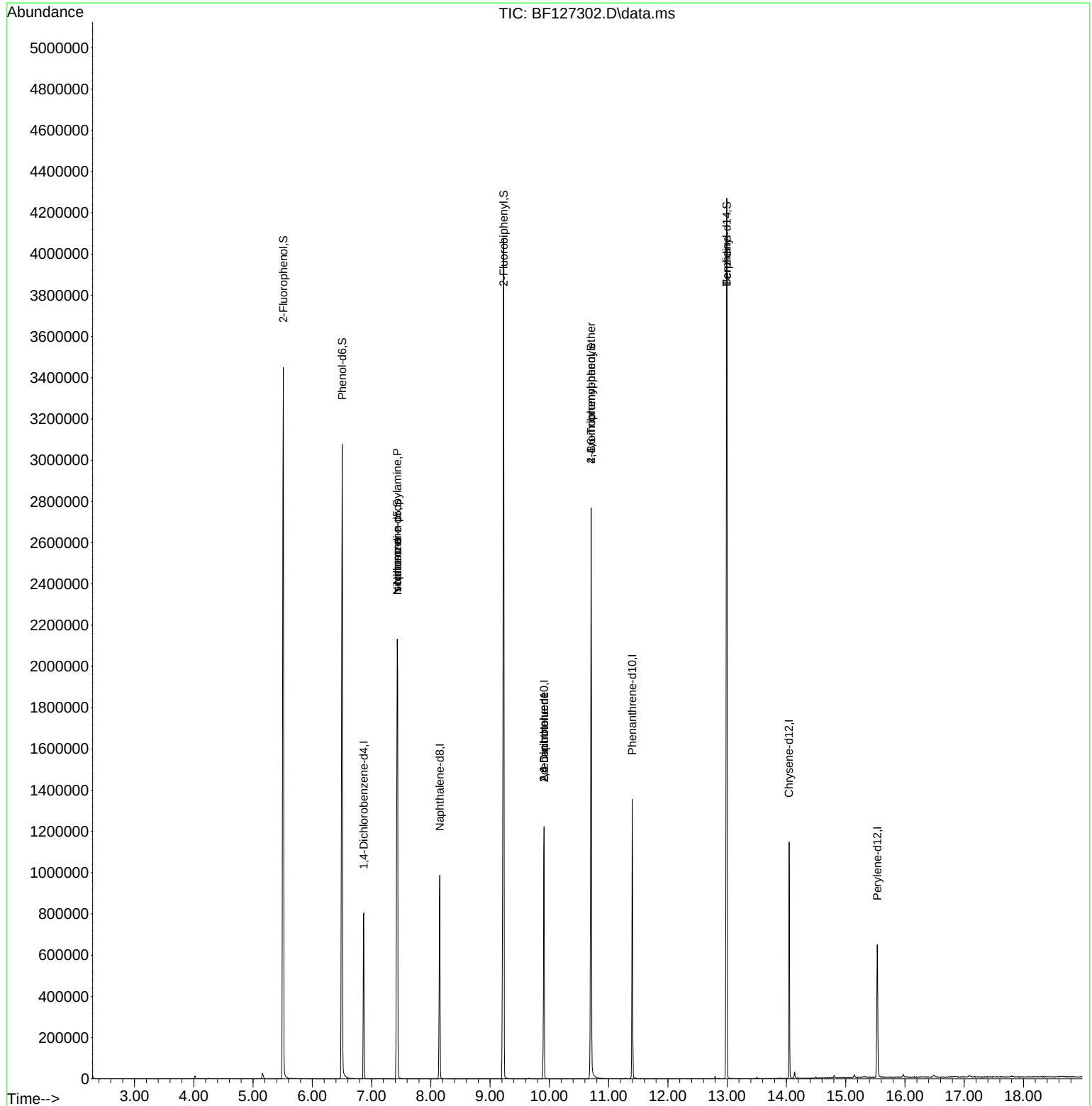
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	123546	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	457106	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	267089	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	480028	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	381516	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	286002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	917975	119.445	ng	0.02
7) Phenol-d6	6.504	99	1279306	121.005	ng	0.00
23) Nitrobenzene-d5	7.434	82	913203	82.505	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	363693	126.493	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1550794	82.089	ng	0.00
79) Terphenyl-d14	12.992	244	1816767	81.999	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	128293	19.446	ng	# 87
25) Isophorone	7.434	82	913193	51.309	ng	# 69
51) 2,6-Dinitrotoluene	9.910	165	34612	8.940	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	34612	6.795	ng	# 15
67) 4-Bromophenyl-phenylether	10.704	248	23361	4.037	ng	# 1
77) Benzidine	12.992	184	22362	2.305	ng	# 94

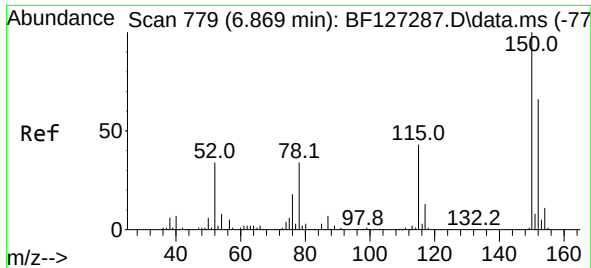
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
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QLast Update : Fri Mar 11 12:42:13 2022
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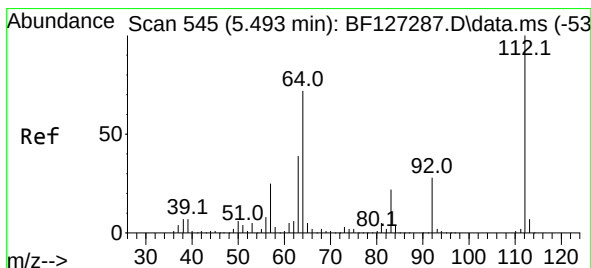
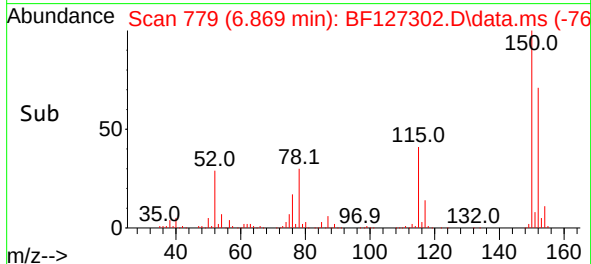
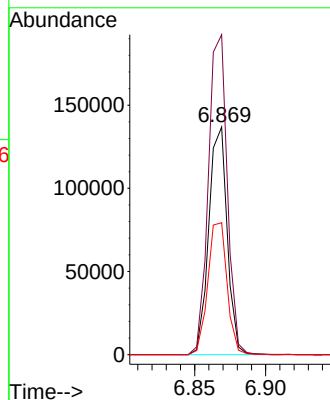
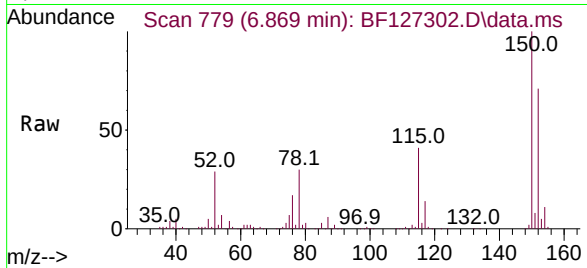




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127302.D
Acq: 11 Mar 2022 16:22

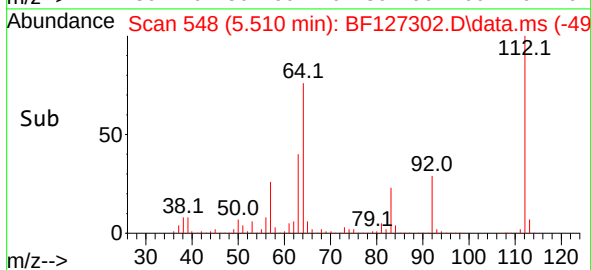
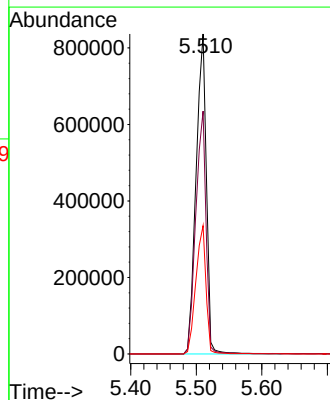
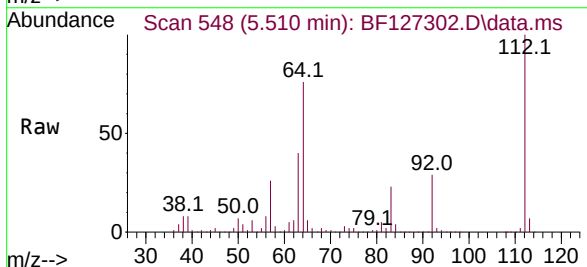
Instrument :
BNA_F
ClientSampleId :
PB143171BL

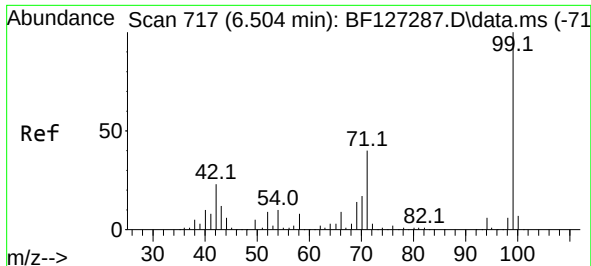
Tgt Ion:152 Resp: 123546
Ion Ratio Lower Upper
152 100
150 140.5 128.1 192.1
115 58.0 56.7 85.1



#5
2-Fluorophenol
Concen: 119.445 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.018 min
Lab File: BF127302.D
Acq: 11 Mar 2022 16:22

Tgt Ion:112 Resp: 917975
Ion Ratio Lower Upper
112 100
64 75.9 49.5 74.3#
63 40.1 23.9 35.9#

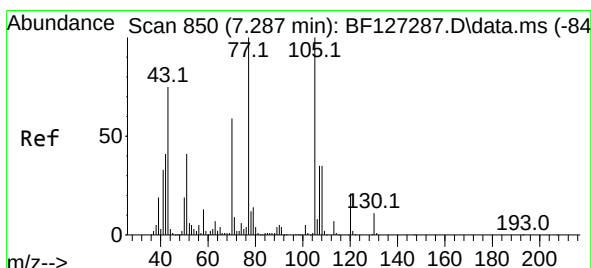
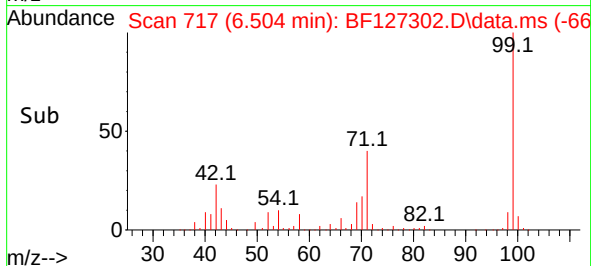
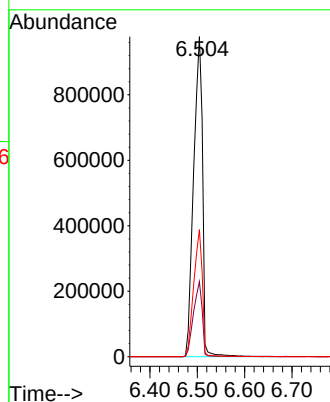
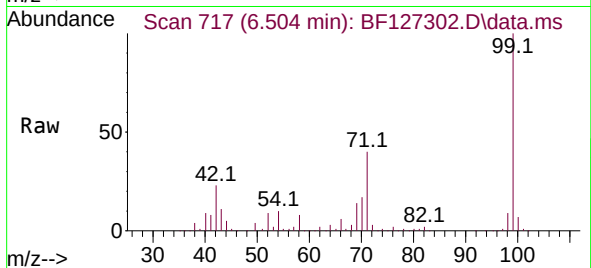




#7
Phenol-d6
Concen: 121.005 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127302.D
Acq: 11 Mar 2022 16:22

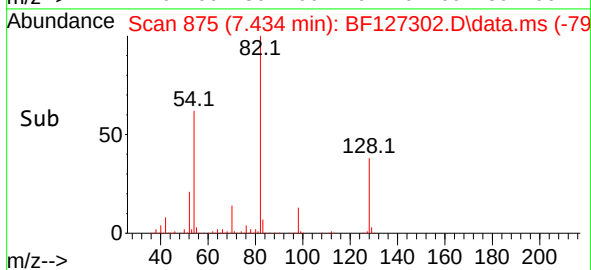
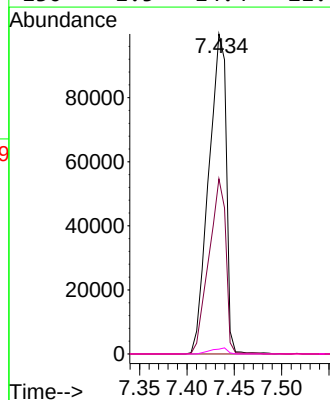
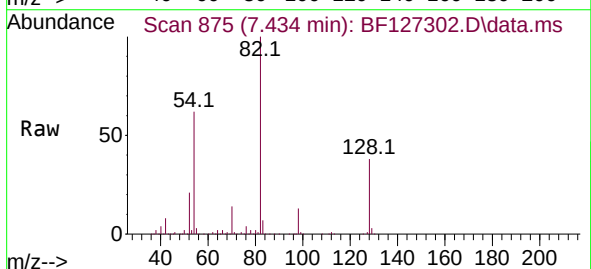
Instrument :
BNA_F
ClientSampleId :
PB143171BL

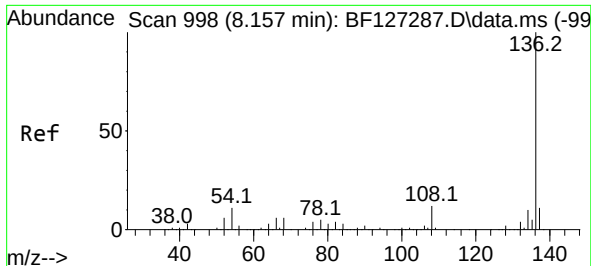
Tgt Ion: 99 Resp: 1279306
Ion Ratio Lower Upper
99 100
42 23.5 14.2 21.4#
71 39.7 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 19.446 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127302.D
Acq: 11 Mar 2022 16:22

Tgt Ion: 70 Resp: 128293
Ion Ratio Lower Upper
70 100
42 54.8 45.8 68.8
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#

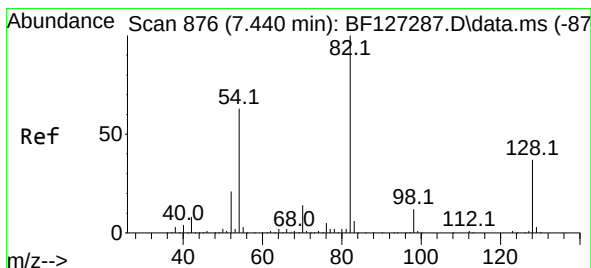
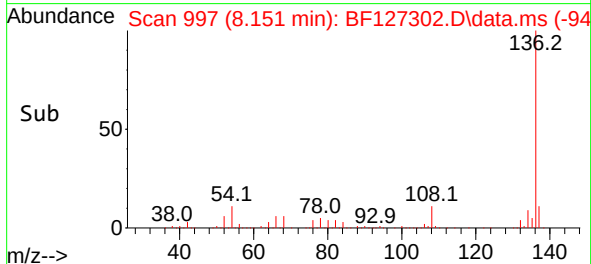
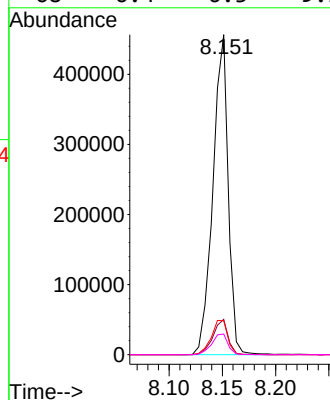
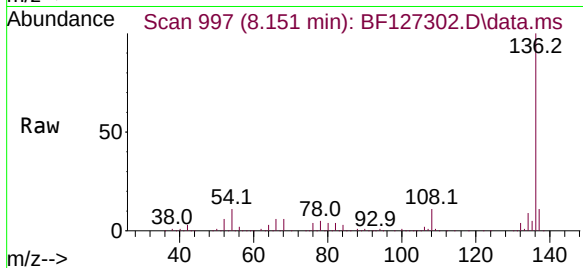




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127302.D
Acq: 11 Mar 2022 16:22

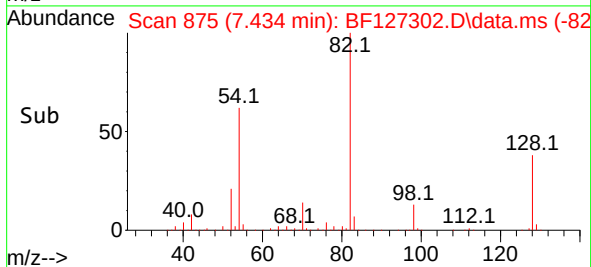
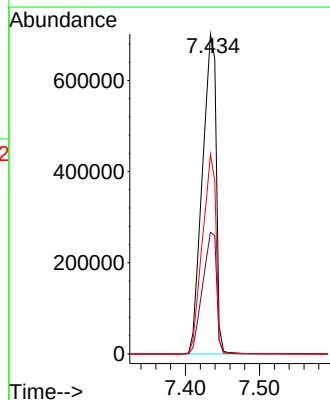
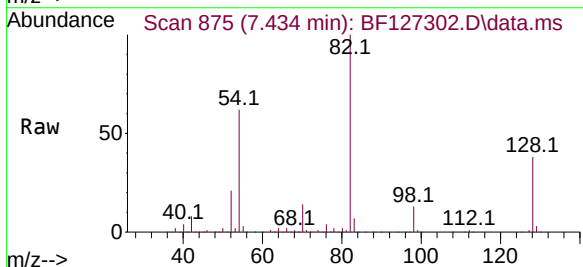
Instrument :
BNA_F
ClientSampleId :
PB143171BL

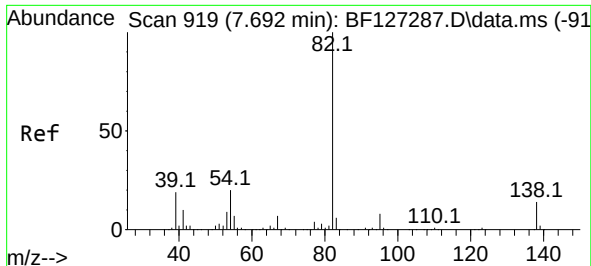
Tgt Ion:	136	Resp:	457106
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	10.6	7.8	11.6
68	6.4	6.3	9.5



#23
Nitrobenzene-d5
Concen: 82.505 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127302.D
Acq: 11 Mar 2022 16:22

Tgt Ion:	82	Resp:	913203
Ion Ratio	Lower	Upper	
82	100		
128	38.0	32.7	49.1
54	62.5	41.7	62.5

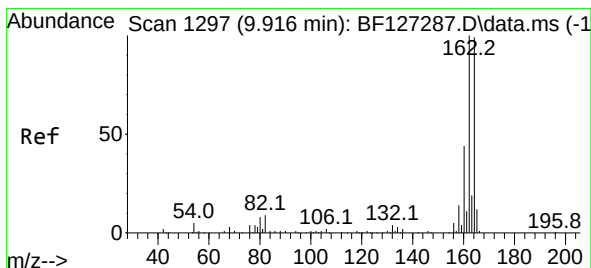
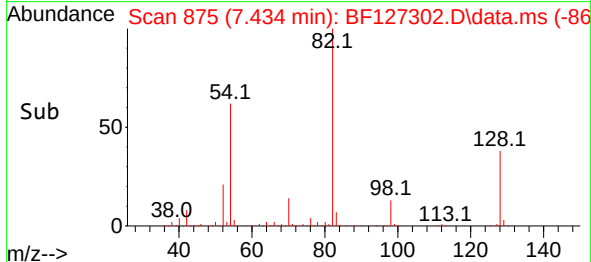
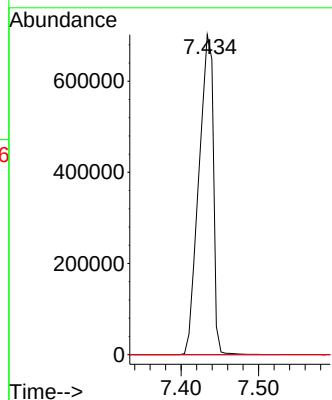
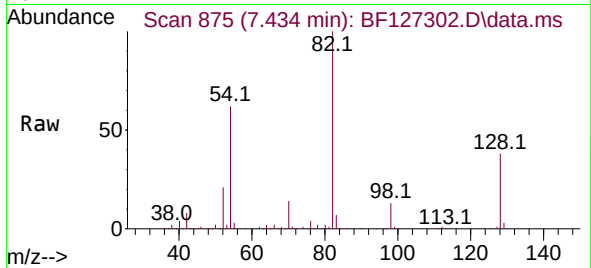




#25
Isophorone
Concen: 51.309 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127302.D
Acq: 11 Mar 2022 16:22

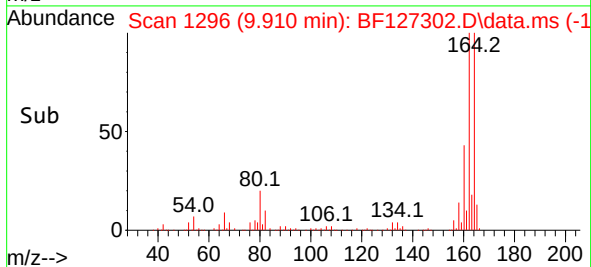
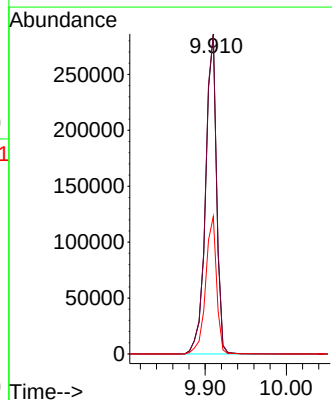
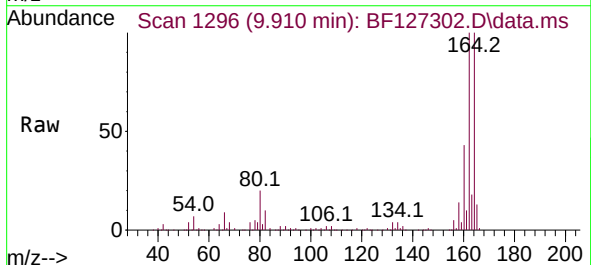
Instrument :
BNA_F
ClientSampleId :
PB143171BL

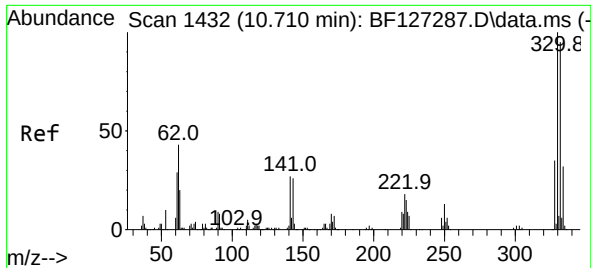
Tgt Ion: 82 Resp: 913193
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF127302.D
Acq: 11 Mar 2022 16:22

Tgt Ion: 164 Resp: 267089
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 43.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 126.493 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF127302.D

Acq: 11 Mar 2022 16:22

Instrument :

BNA_F

ClientSampleId :

PB143171BL

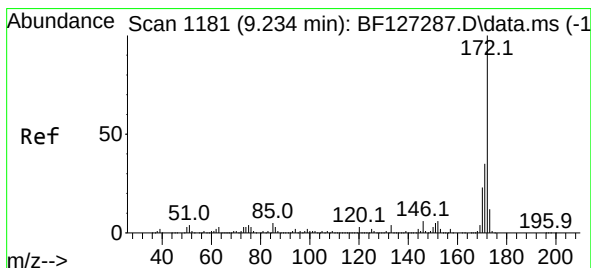
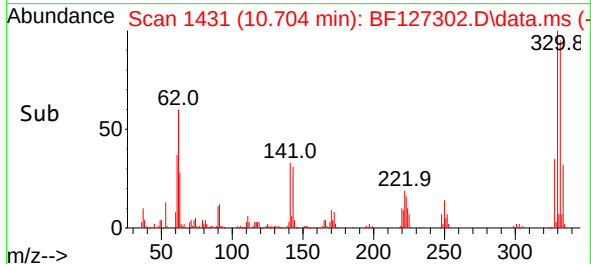
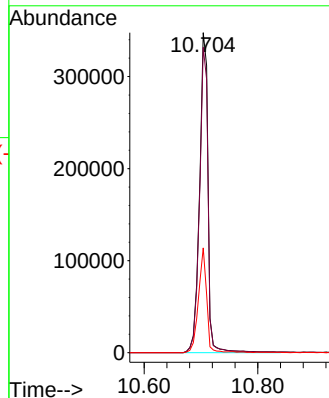
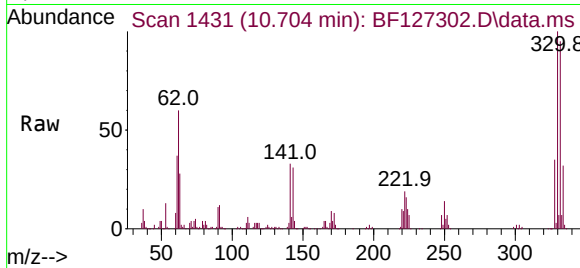
Tgt Ion:330 Resp: 363693

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 31.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 82.089 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127302.D

Acq: 11 Mar 2022 16:22

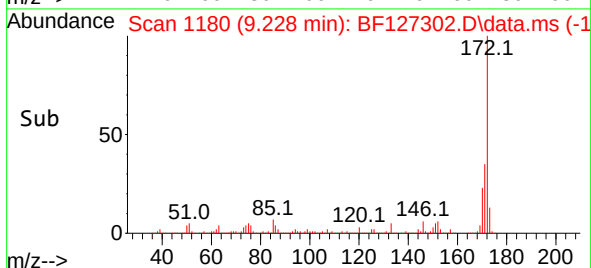
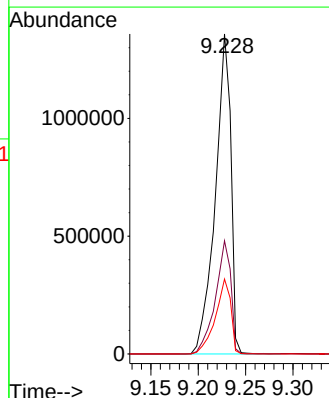
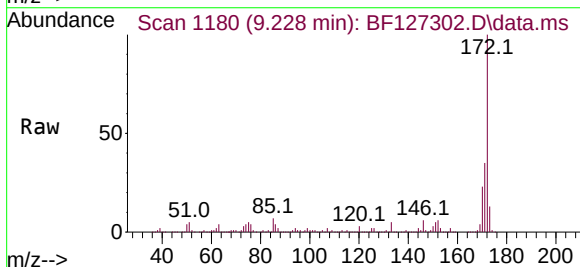
Tgt Ion:172 Resp: 1550794

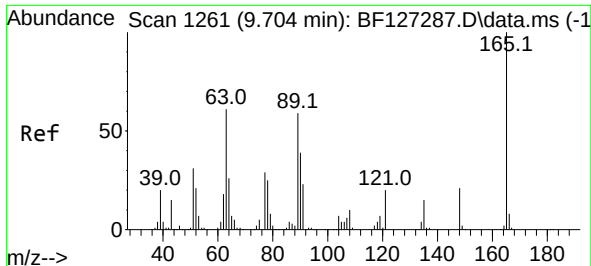
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.940 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.206 min

Lab File: BF127302.D

Acq: 11 Mar 2022 16:22

Instrument :

BNA_F

ClientSampleId :

PB143171BL

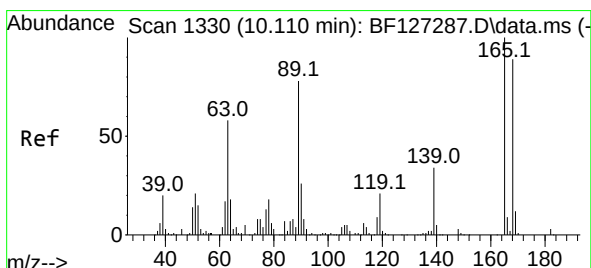
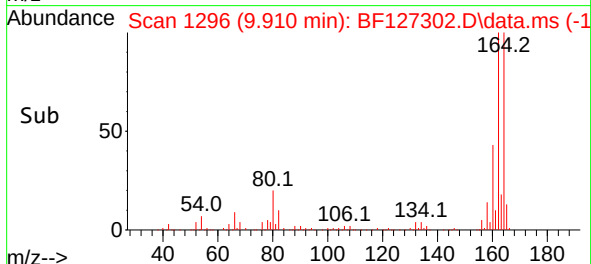
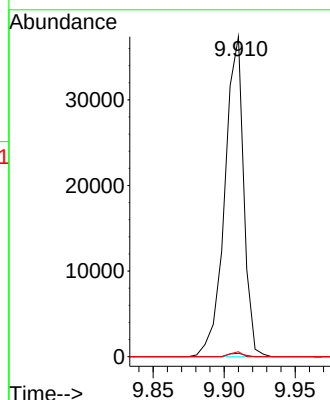
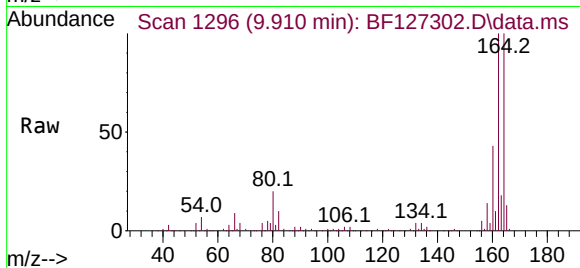
Tgt Ion:165 Resp: 34612

Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.6 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.795 ng

RT: 9.910 min Scan# 1296

Delta R.T. -0.200 min

Lab File: BF127302.D

Acq: 11 Mar 2022 16:22

Tgt Ion:165 Resp: 34612

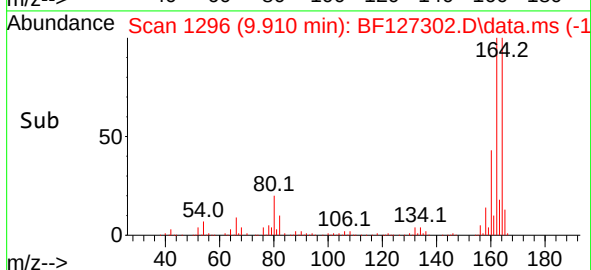
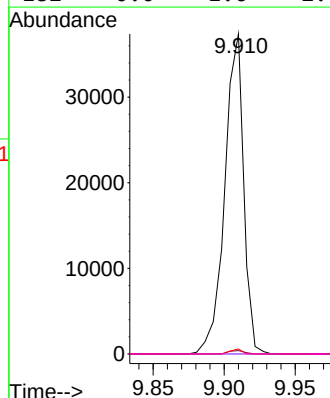
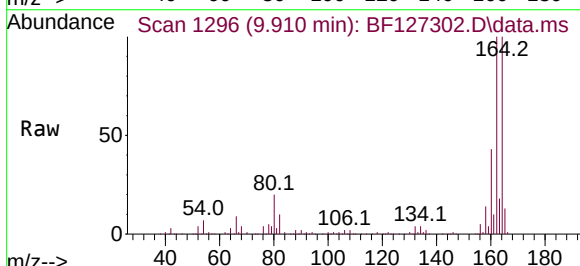
Ion Ratio Lower Upper

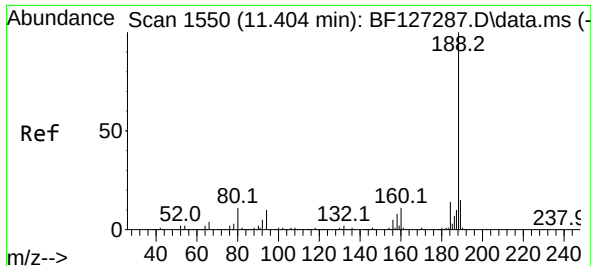
165 100

63 1.0 43.0 64.6#

89 1.6 71.0 106.4#

182 0.0 1.6 2.4#

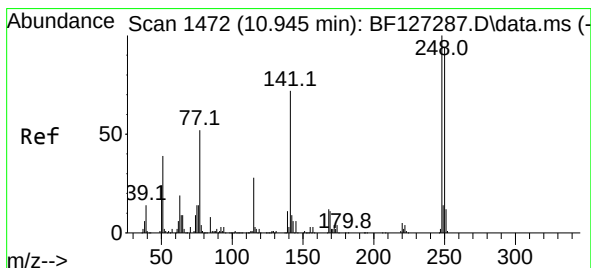
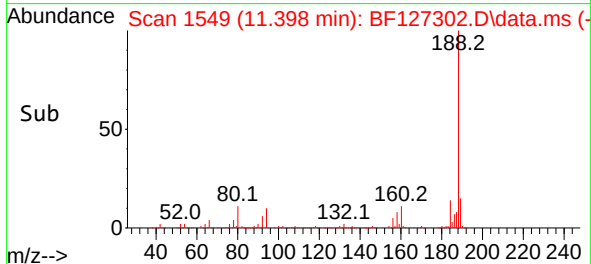
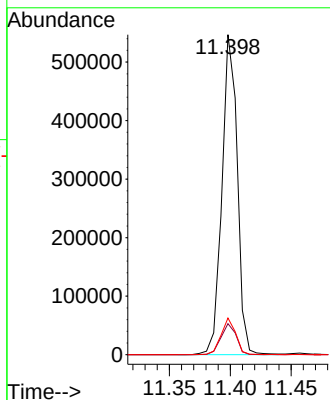
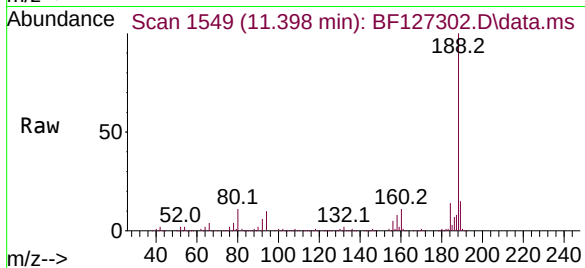




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127302.D
Acq: 11 Mar 2022 16:22

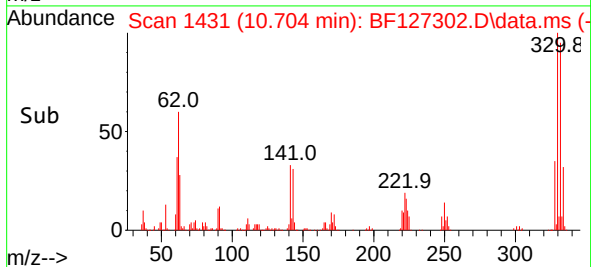
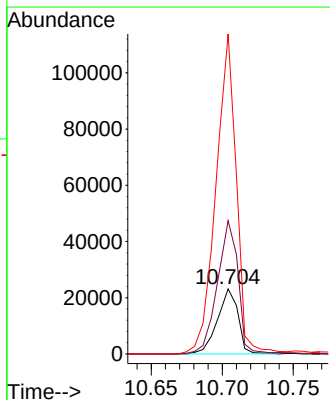
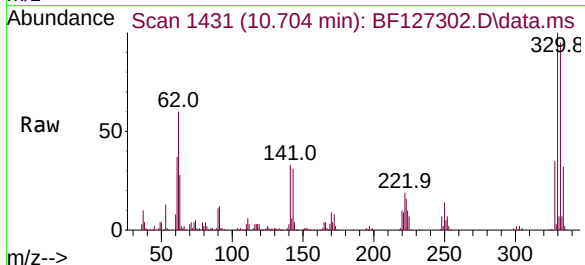
Instrument :
BNA_F
ClientSampleId :
PB143171BL

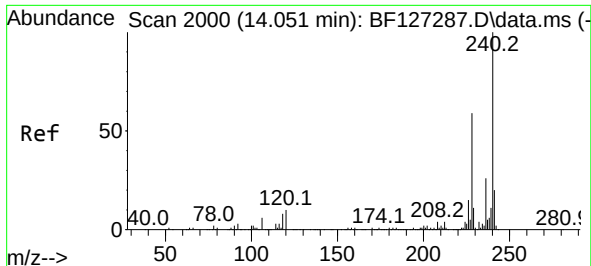
Tgt Ion:188 Resp: 480028
Ion Ratio Lower Upper
188 100
94 9.7 10.1 15.1#
80 11.4 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.037 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF127302.D
Acq: 11 Mar 2022 16:22

Tgt Ion:248 Resp: 23361
Ion Ratio Lower Upper
248 100
250 204.8 76.2 114.4#
141 491.5 66.2 99.4#

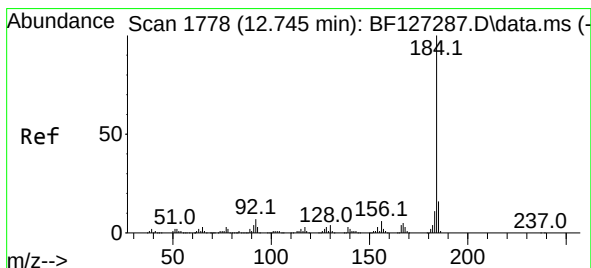
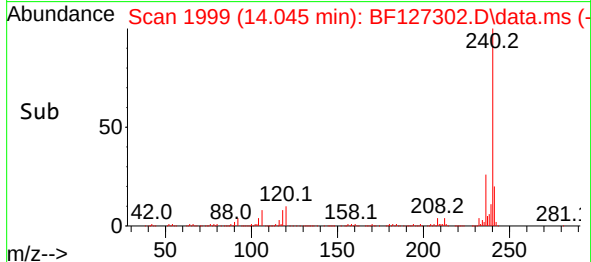
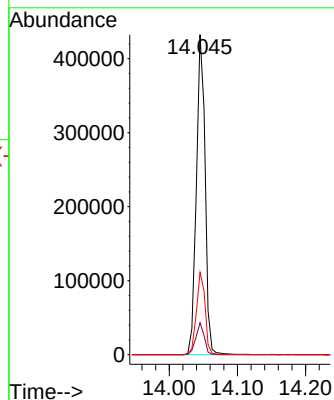
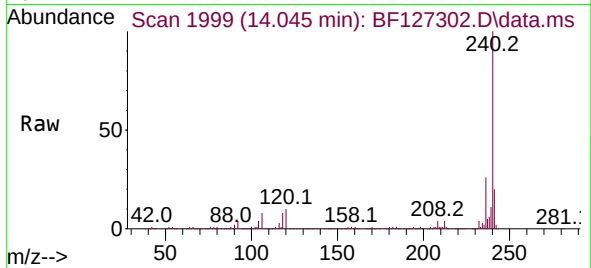




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF127302.D
Acq: 11 Mar 2022 16:22

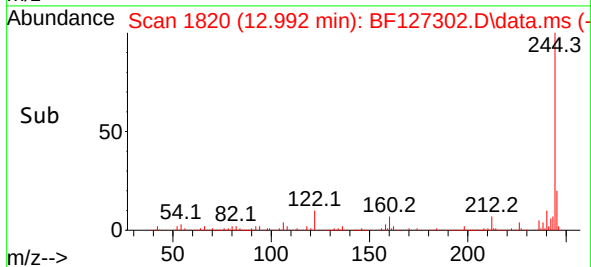
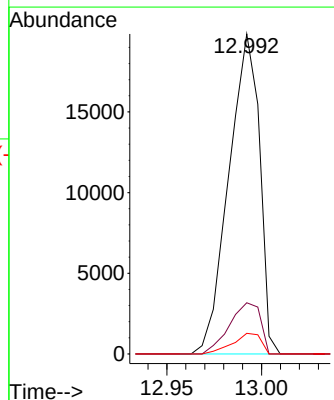
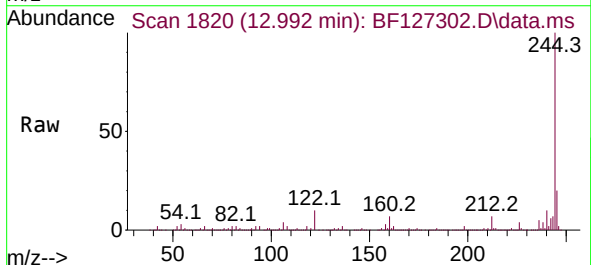
Instrument :
BNA_F
ClientSampleId :
PB143171BL

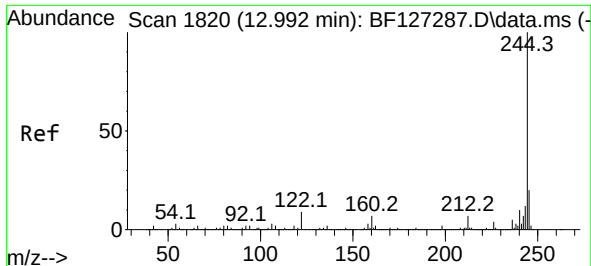
Tgt Ion:240 Resp: 381516
Ion Ratio Lower Upper
240 100
120 10.0 14.4 21.6#
236 25.7 20.5 30.7



#77
Benzidine
Concen: 2.305 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.247 min
Lab File: BF127302.D
Acq: 11 Mar 2022 16:22

Tgt Ion:184 Resp: 22362
Ion Ratio Lower Upper
184 100
185 16.0 11.8 17.8
183 6.4 8.2 12.2#

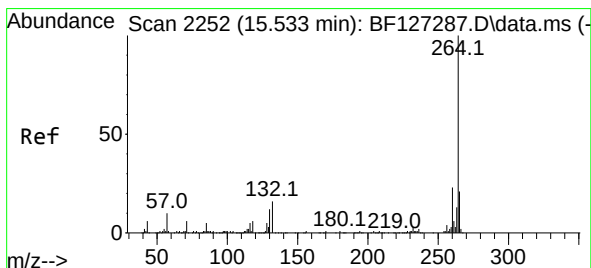
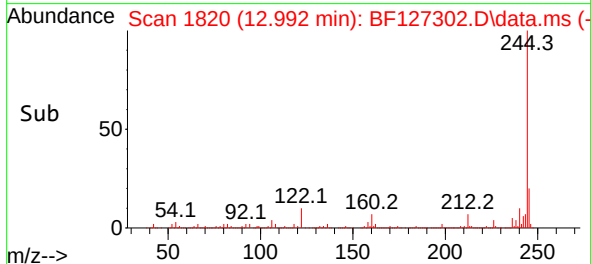
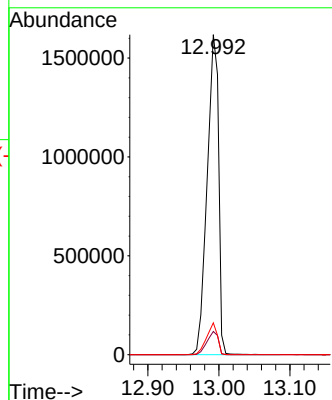
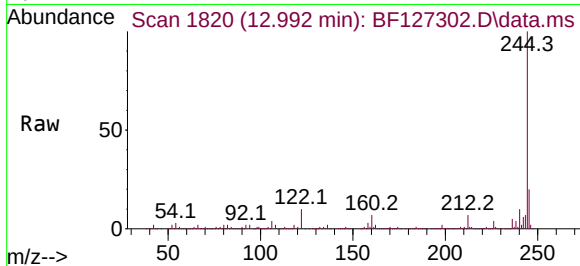




#79
 Terphenyl-d14
 Concen: 81.999 ng
 RT: 12.992 min Scan# 1820
 Delta R.T. -0.000 min
 Lab File: BF127302.D
 Acq: 11 Mar 2022 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB143171BL

Tgt Ion:244 Resp: 1816767
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 9.9 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. 0.000 min
 Lab File: BF127302.D
 Acq: 11 Mar 2022 16:22

Tgt Ion:264 Resp: 286002
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 22.0 17.4 26.2

