

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127370.D
 Acq On : 17 Mar 2022 12:24
 Operator : CG\JU
 Sample : N1943-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2

Quant Time: Mar 17 13:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

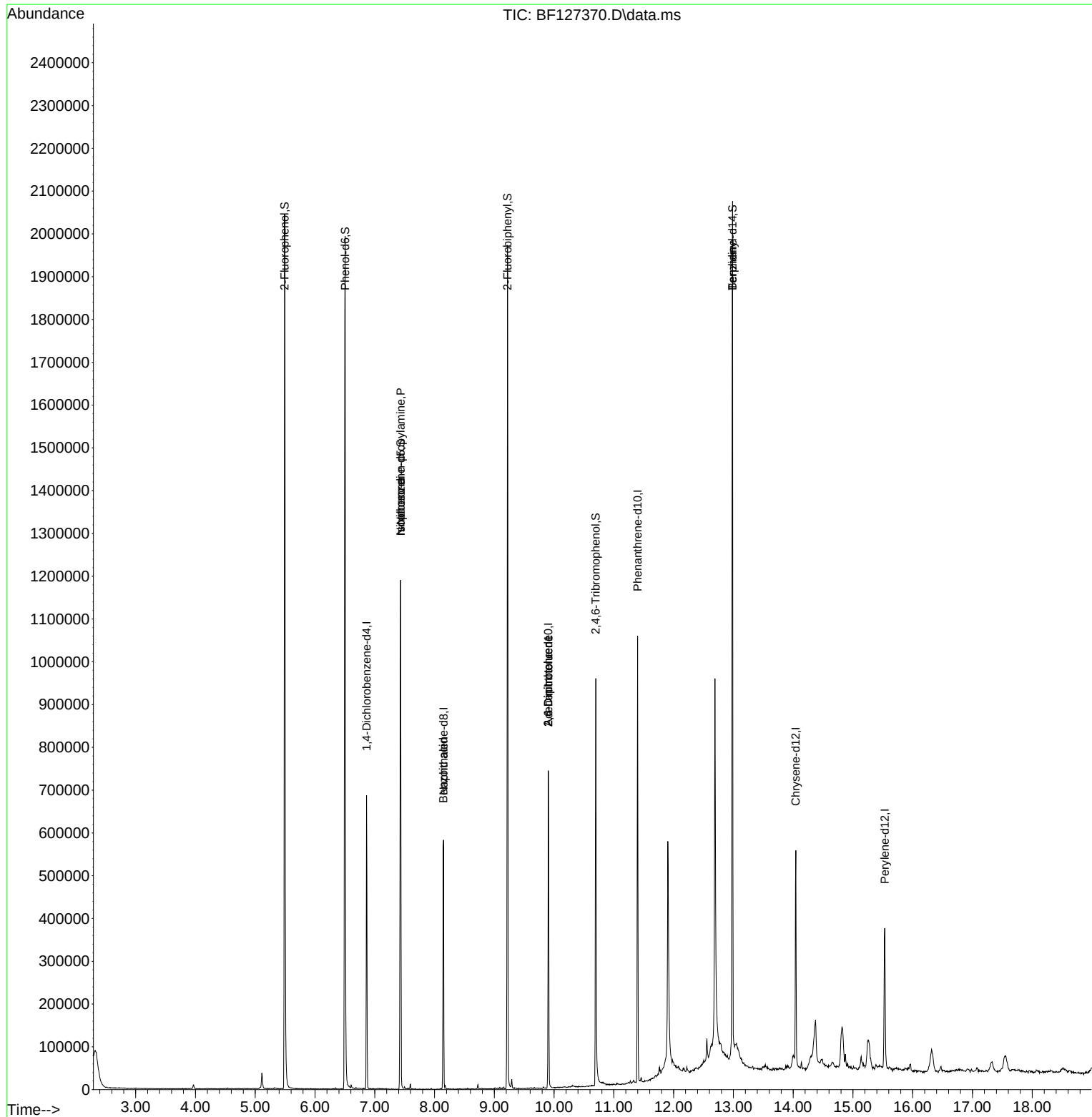
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	87565	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	240929	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	150930	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	333811	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	174150	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	163637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	516899	94.895	ng	0.00
7) Phenol-d6	6.504	99	692998	92.483	ng	0.00
23) Nitrobenzene-d5	7.434	82	363912	62.379	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	107753	66.320	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	592967	55.544	ng	-0.01
79) Terphenyl-d14	12.986	244	695231	68.743	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	84	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	51590	11.033	ng	# 87
25) Isophorone	7.434	82	363908	38.793	ng	# 69
32) Benzoic acid	8.145	122	63	6.646	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	19062	8.713	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	19062	6.622	ng	# 15
77) Benzidine	12.986	184	10497	2.370	ng	# 88

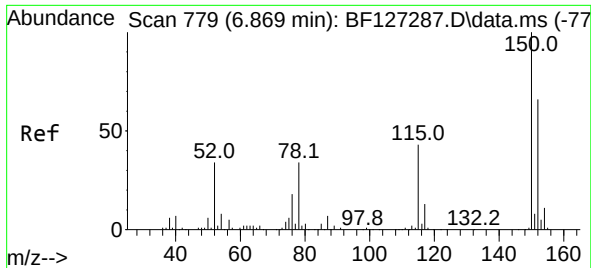
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

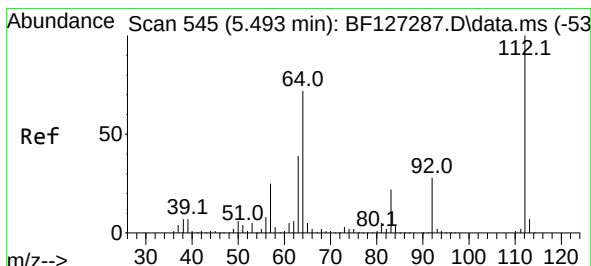
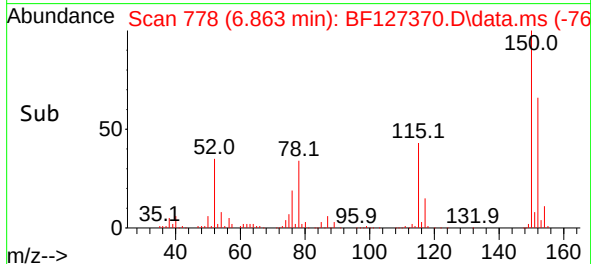
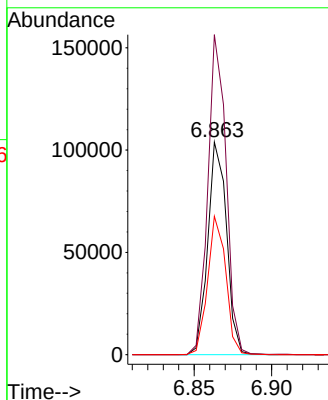
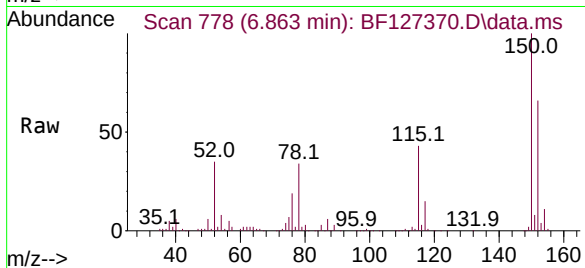




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127370.D
Acq: 17 Mar 2022 12:24

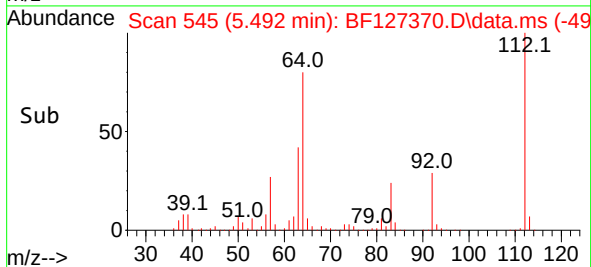
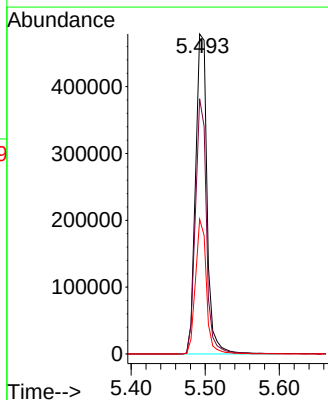
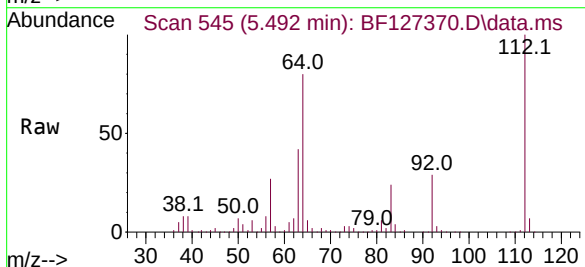
Instrument :
BNA_F
ClientSampleId :
B2

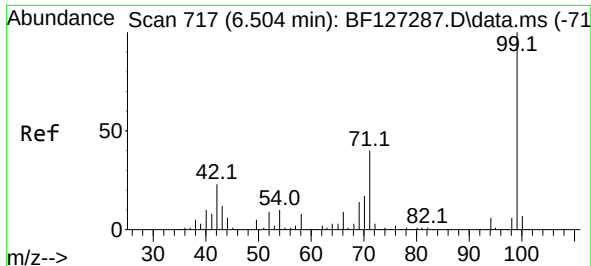
Tgt Ion:152 Resp: 87565
Ion Ratio Lower Upper
152 100
150 150.5 128.1 192.1
115 65.1 56.7 85.1



#5
2-Fluorophenol
Concen: 94.895 ng
RT: 5.492 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127370.D
Acq: 17 Mar 2022 12:24

Tgt Ion:112 Resp: 516899
Ion Ratio Lower Upper
112 100
64 79.7 49.5 74.3#
63 42.1 23.9 35.9#

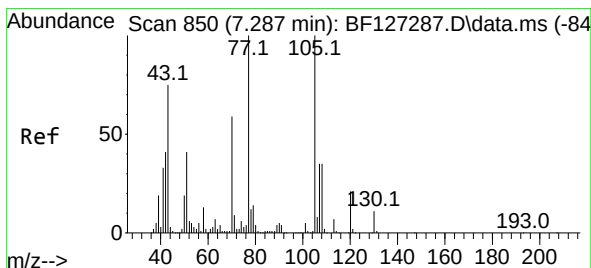
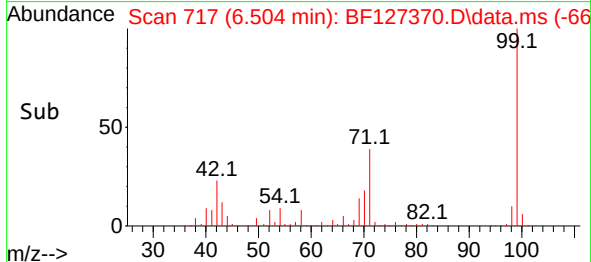
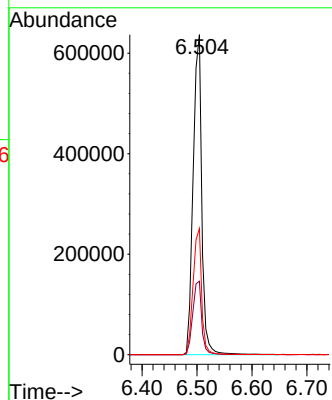
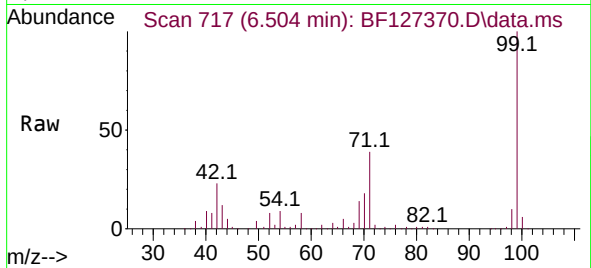




#7
Phenol-d6
Concen: 92.483 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127370.D
Acq: 17 Mar 2022 12:24

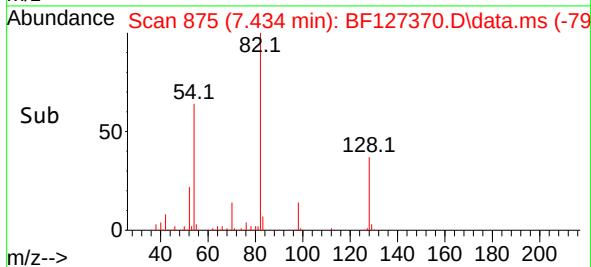
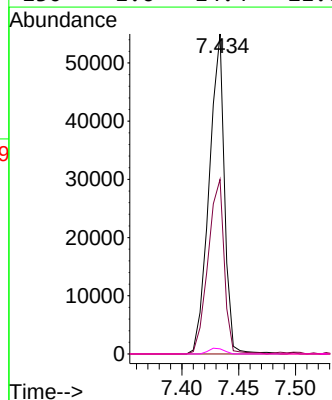
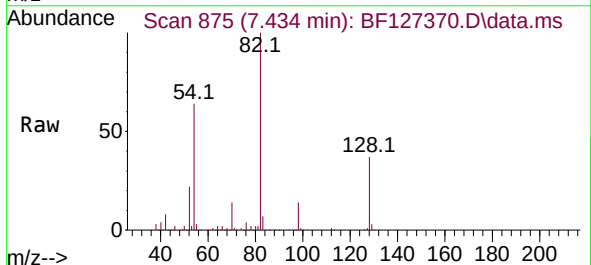
Instrument :
BNA_F
ClientSampleId :
B2

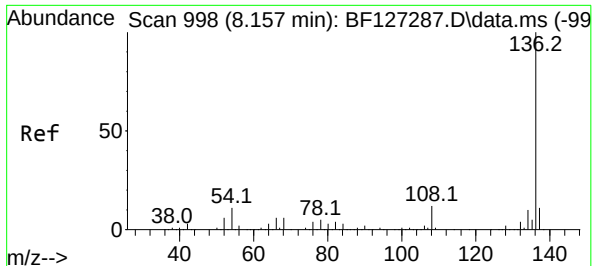
Tgt Ion: 99 Resp: 692998
Ion Ratio Lower Upper
99 100
42 22.9 14.2 21.4#
71 39.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 11.033 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127370.D
Acq: 17 Mar 2022 12:24

Tgt Ion: 70 Resp: 51590
Ion Ratio Lower Upper
70 100
42 54.5 45.8 68.8
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#

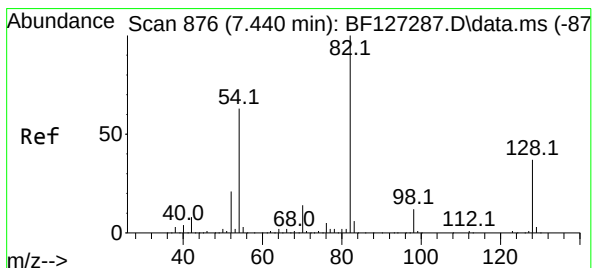
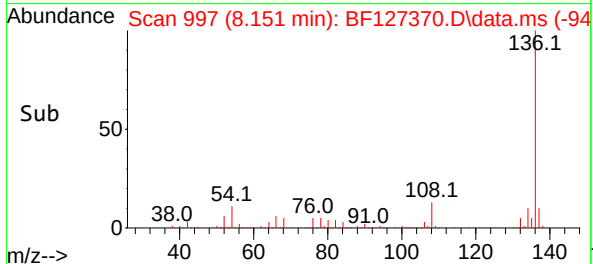
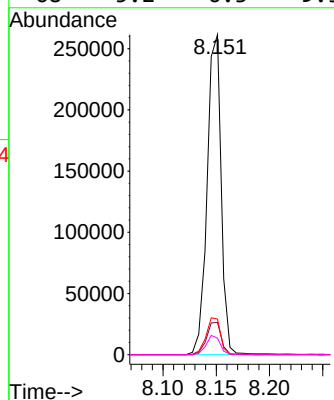
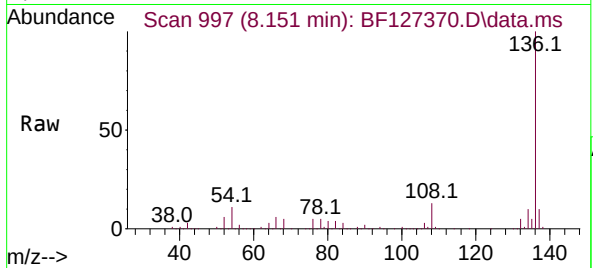




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127370.D
Acq: 17 Mar 2022 12:24

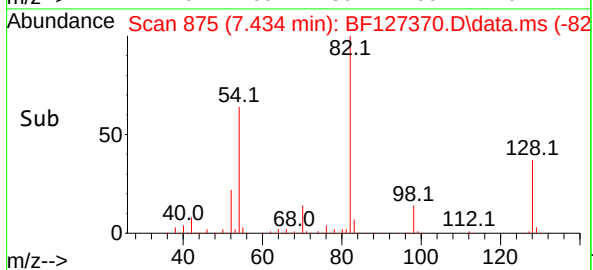
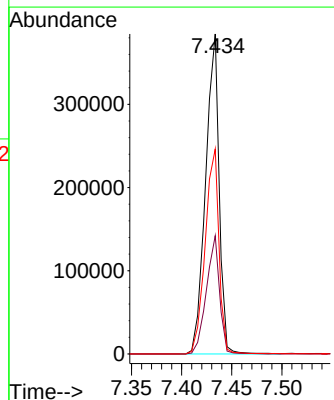
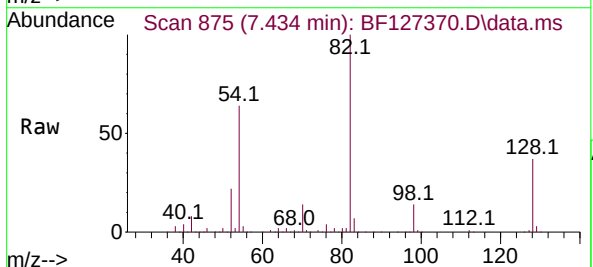
Instrument :
BNA_F
ClientSampleId :
B2

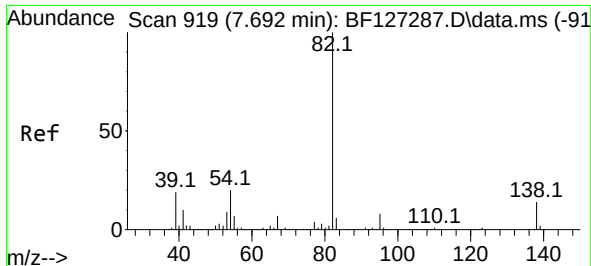
Tgt Ion:136 Resp: 240929
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 11.1 7.8 11.6
68 5.2 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 62.379 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127370.D
Acq: 17 Mar 2022 12:24

Tgt Ion: 82 Resp: 363912
Ion Ratio Lower Upper
82 100
128 36.9 32.7 49.1
54 64.1 41.7 62.5#





#25

Isophorone

Concen: 38.793 ng

RT: 7.434 min Scan# 81

Delta R.T. -0.259 min

Lab File: BF127370.D

Acq: 17 Mar 2022 12:24

Instrument :

BNA_F

ClientSampleId :

B2

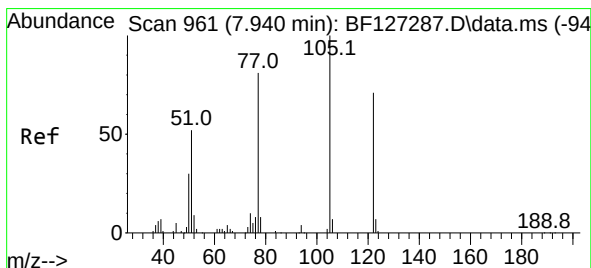
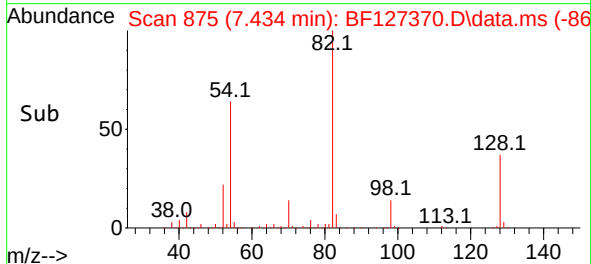
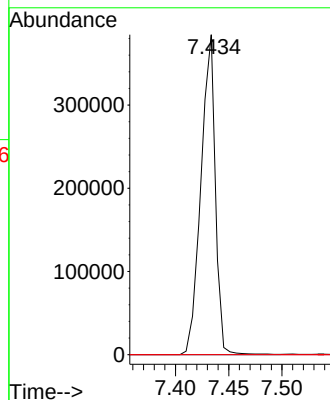
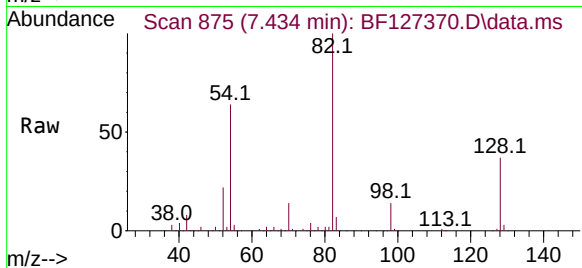
Tgt Ion: 82 Resp: 363908

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#



#32

Benzoic acid

Concen: 6.646 ng

RT: 8.145 min Scan# 996

Delta R.T. 0.205 min

Lab File: BF127370.D

Acq: 17 Mar 2022 12:24

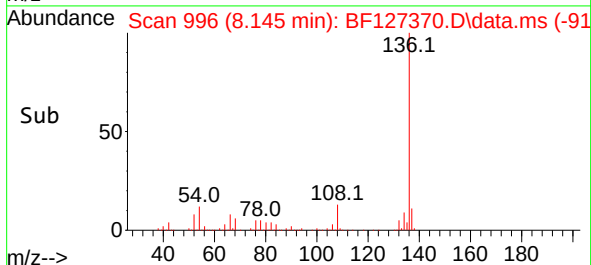
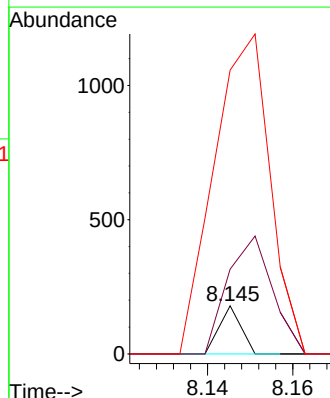
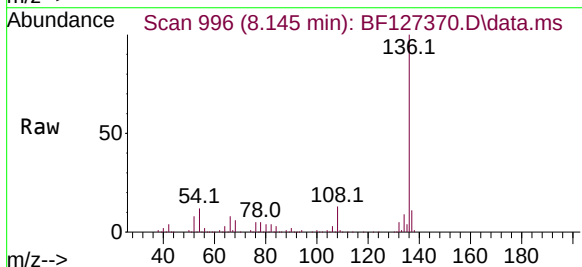
Tgt Ion:122 Resp: 63

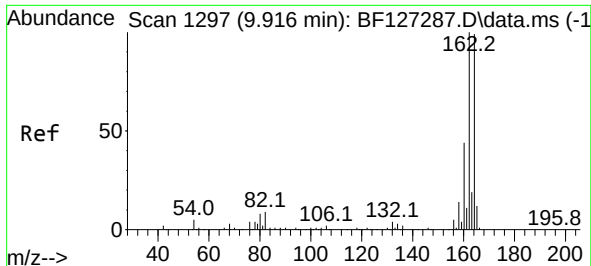
Ion Ratio Lower Upper

122 100

105 176.5 101.0 141.0#

77 590.5 74.5 114.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF127370.D

Acq: 17 Mar 2022 12:24

Instrument :

BNA_F

ClientSampleId :

B2

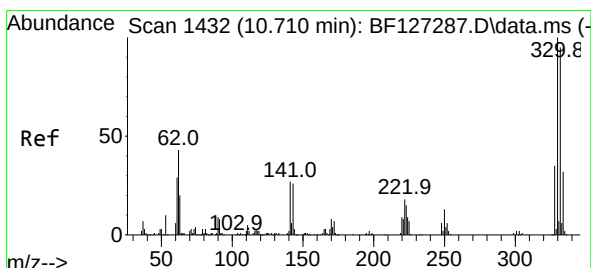
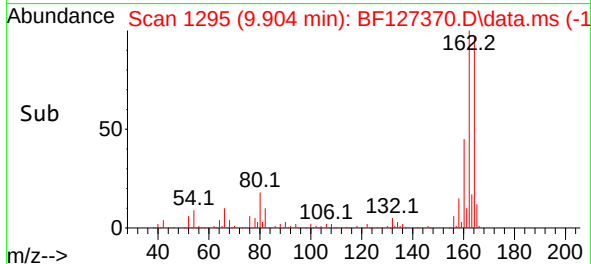
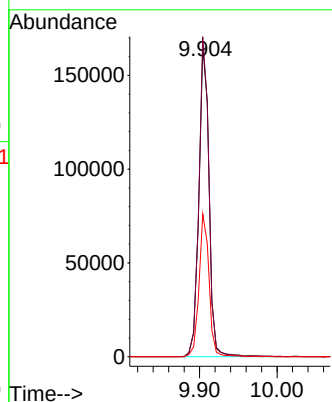
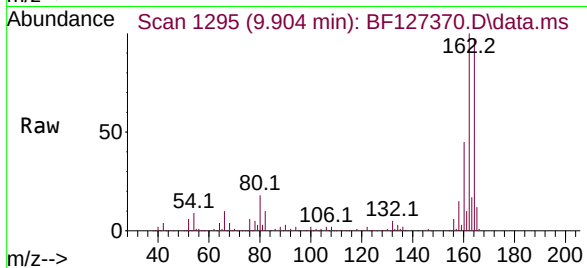
Tgt Ion:164 Resp: 150930

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.0

160 45.9 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 66.320 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127370.D

Acq: 17 Mar 2022 12:24

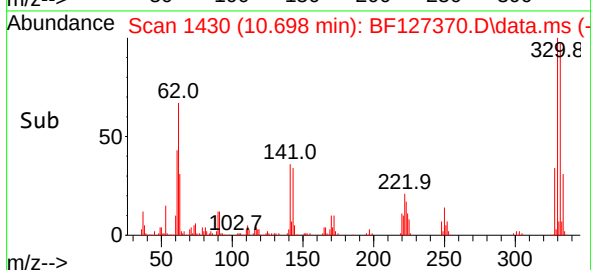
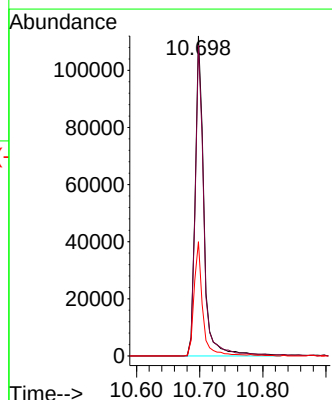
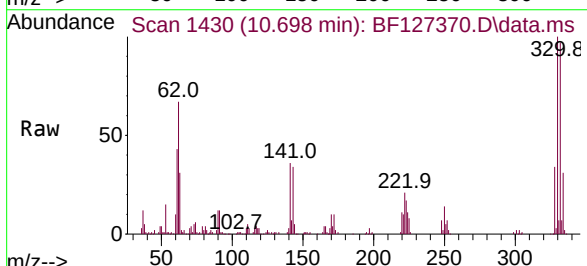
Tgt Ion:330 Resp: 107753

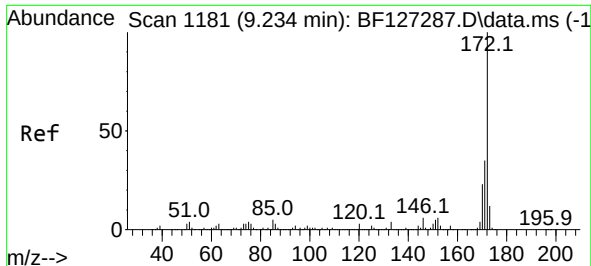
Ion Ratio Lower Upper

330 100

332 96.3 76.0 114.0

141 34.9 30.1 45.1

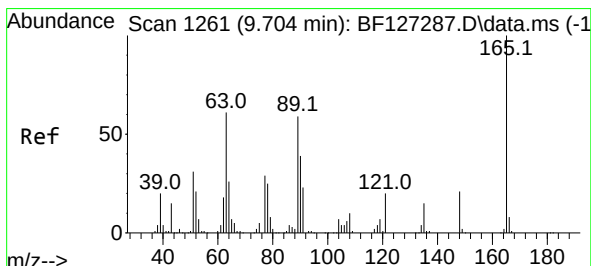
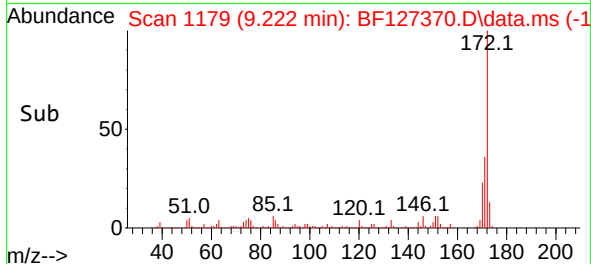
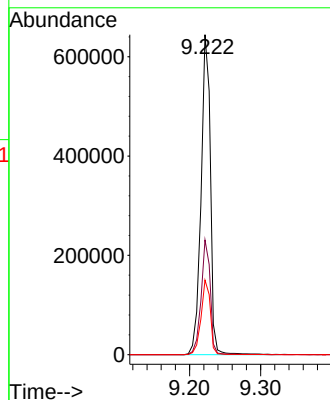
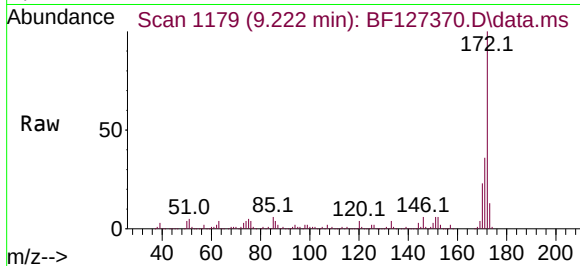




#45
2-Fluorobiphenyl
Concen: 55.544 ng
RT: 9.222 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF127370.D
Acq: 17 Mar 2022 12:24

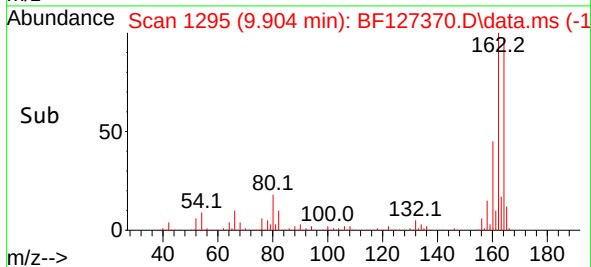
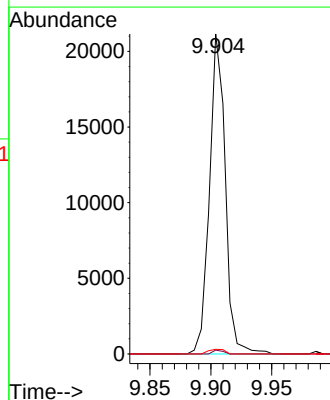
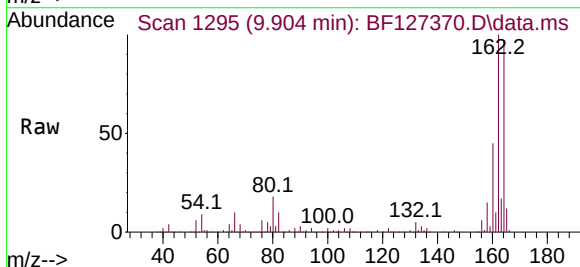
Instrument :
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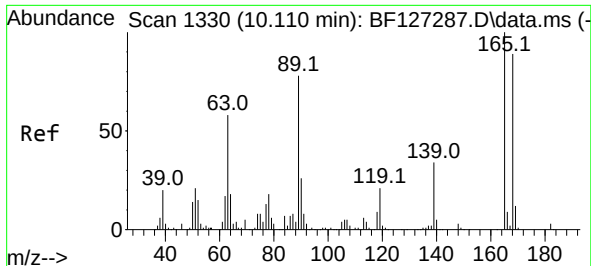
Tgt Ion:172 Resp: 592967
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.3 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.713 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127370.D
Acq: 17 Mar 2022 12:24

Tgt Ion:165 Resp: 19062
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.5 50.5 75.7#

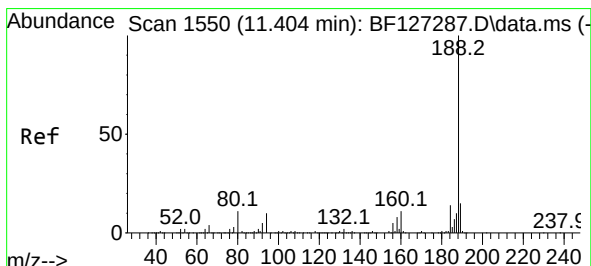
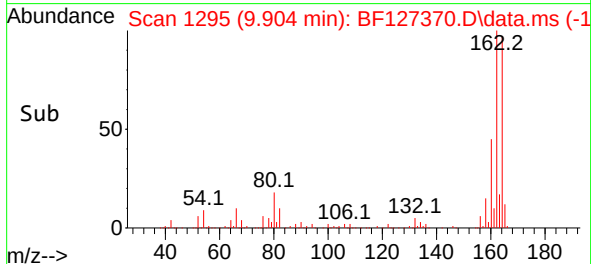
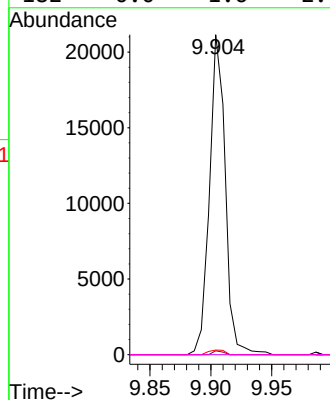
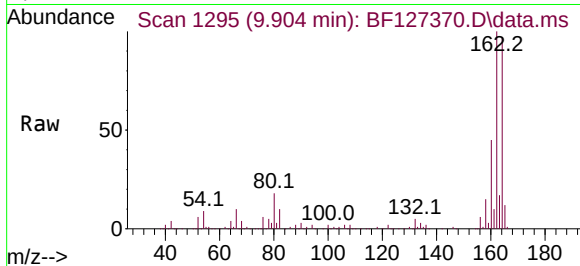




#57
2,4-Dinitrotoluene
Concen: 6.622 ng
RT: 9.904 min Scan# 1549
Delta R.T. -0.206 min
Lab File: BF127370.D
Acq: 17 Mar 2022 12:24

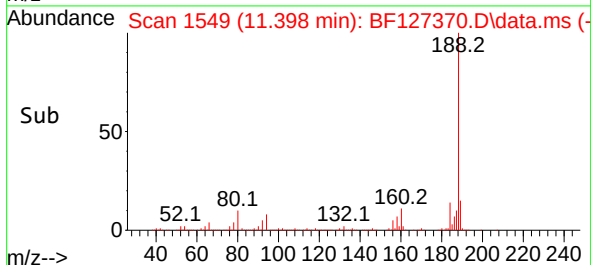
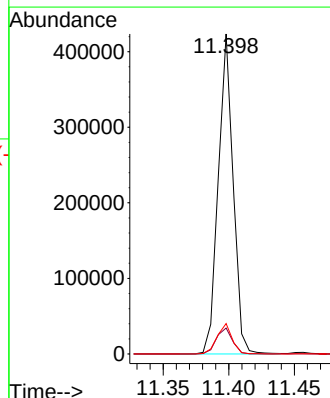
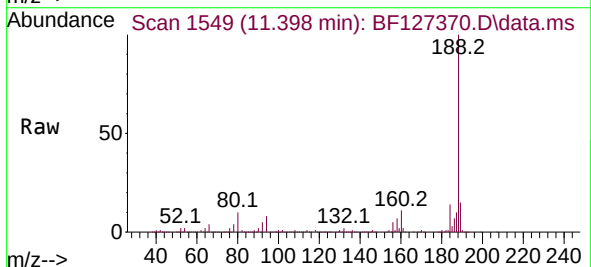
Instrument :
BNA_F
ClientSampleId :
B2

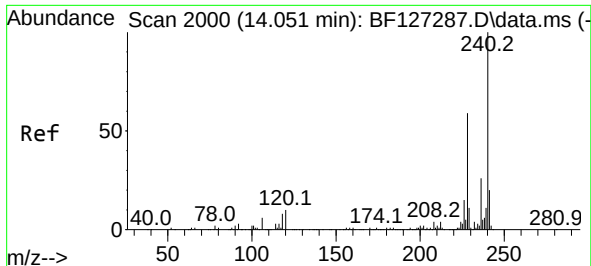
Tgt Ion:165	Resp:	19062
Ion Ratio	Lower	Upper
165	100	
63	1.2	43.0 64.6#
89	1.5	71.0 106.4#
182	0.0	1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127370.D
Acq: 17 Mar 2022 12:24

Tgt Ion:188	Resp:	333811
Ion Ratio	Lower	Upper
188	100	
94	8.1	10.1 15.1#
80	9.5	11.8 17.6#

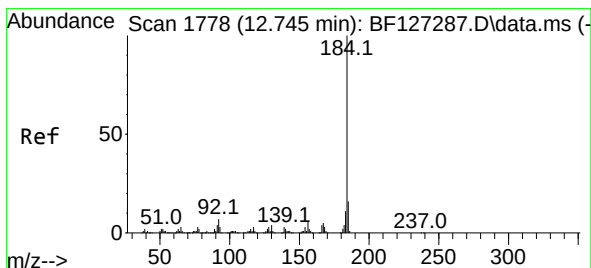
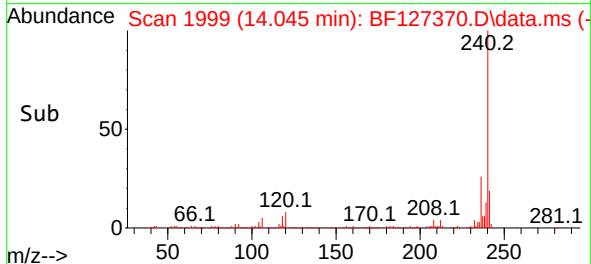
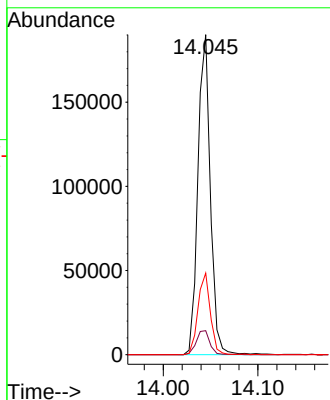
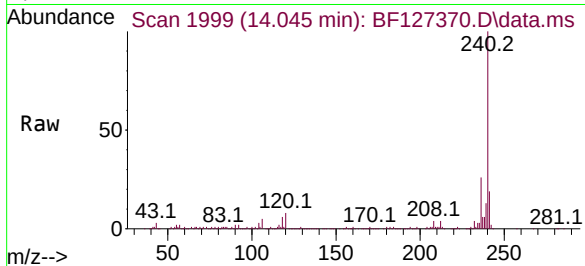




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127370.D
Acq: 17 Mar 2022 12:24

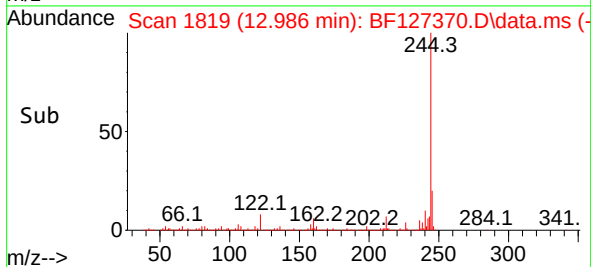
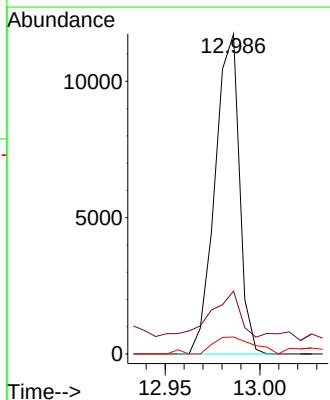
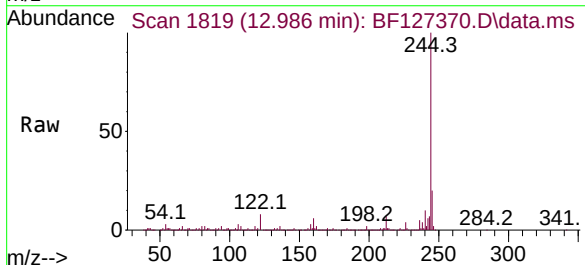
Instrument :
BNA_F
ClientSampleId :
B2

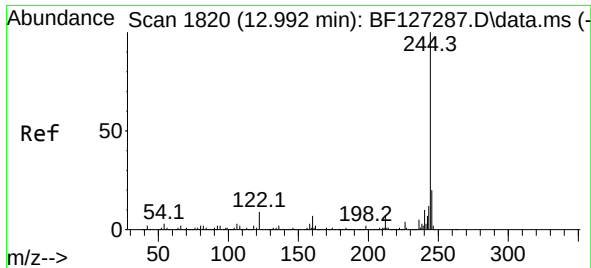
Tgt Ion:240 Resp: 174150
Ion Ratio Lower Upper
240 100
120 7.5 14.4 21.6#
236 25.5 20.5 30.7



#77
Benzidine
Concen: 2.370 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.241 min
Lab File: BF127370.D
Acq: 17 Mar 2022 12:24

Tgt Ion:184 Resp: 10497
Ion Ratio Lower Upper
184 100
185 19.7 11.8 17.8#
183 5.3 8.2 12.2#

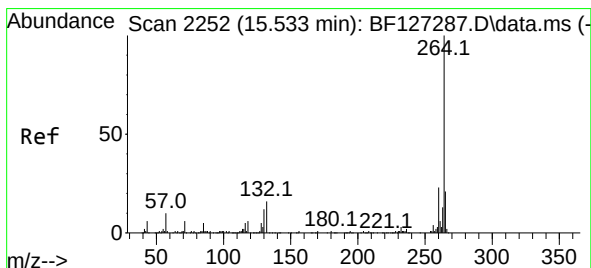
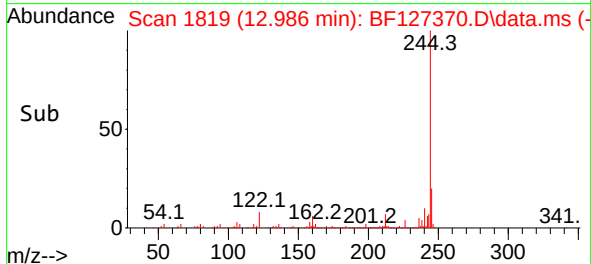
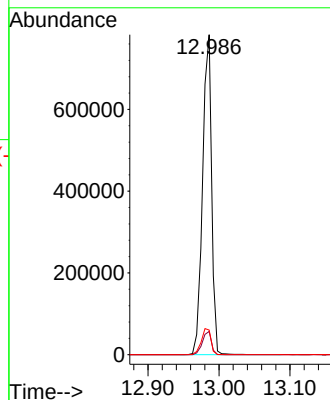
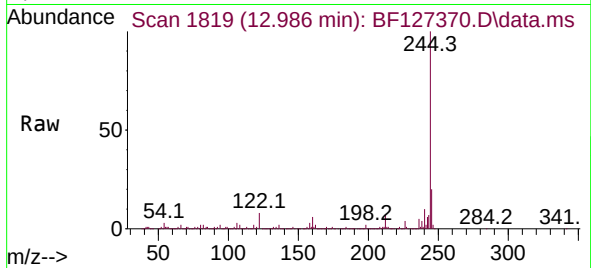




#79
 Terphenyl-d14
 Concen: 68.743 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127370.D
 Acq: 17 Mar 2022 12:24

Instrument :
 BNA_F
 ClientSampleId :
 B2

Tgt Ion:244 Resp: 695231
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 7.7 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: BF127370.D
 Acq: 17 Mar 2022 12:24

Tgt Ion:264 Resp: 163637
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.0 17.4 26.2

