

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127368.D
 Acq On : 17 Mar 2022 11:12
 Operator : CG\JU
 Sample : PB143399BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143399BL

Quant Time: Mar 17 13:45:31 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)

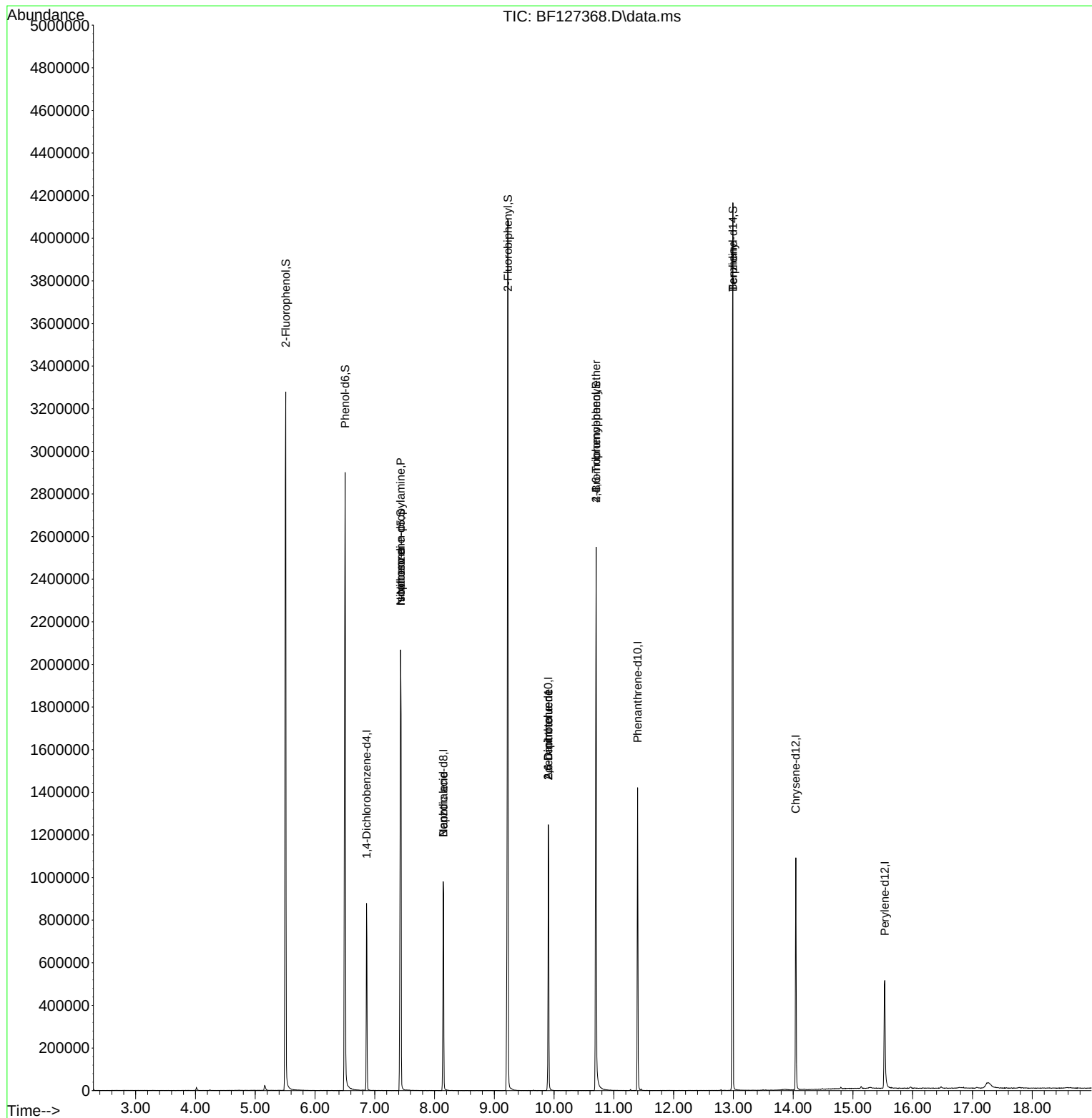
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	123316	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	456807	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	272446	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	487380	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	374425	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	273285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	857212	111.747	ng	0.02
7) Phenol-d6	6.504	99	1156906	109.632	ng	0.00
23) Nitrobenzene-d5	7.433	82	834077	75.406	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	324462	110.630	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1428620	74.135	ng	0.00
79) Terphenyl-d14	12.992	244	1671163	76.855	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	1665	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.433	70	115715	17.572	ng	# 88
25) Isophorone	7.433	82	834066	46.894	ng	# 69
32) Benzoic acid	8.145	122	80	6.638	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	34288	8.683	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	34288	6.599	ng	# 15
67) 4-Bromophenyl-phenylether	10.704	248	21608	3.678	ng	# 1
77) Benzidine	12.992	184	20951	2.200	ng	# 94

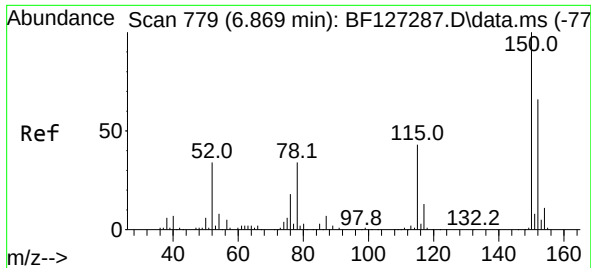
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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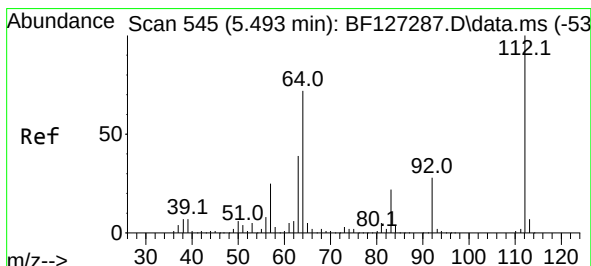
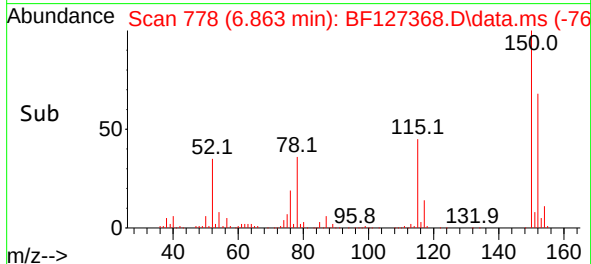
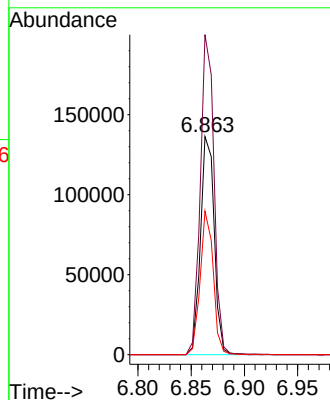
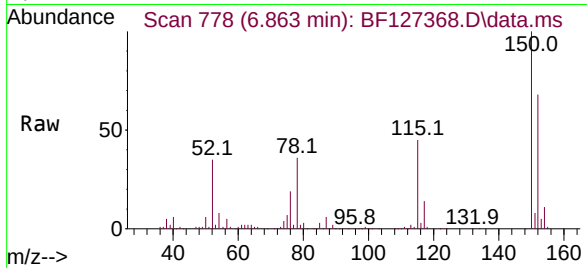




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127368.D
Acq: 17 Mar 2022 11:12

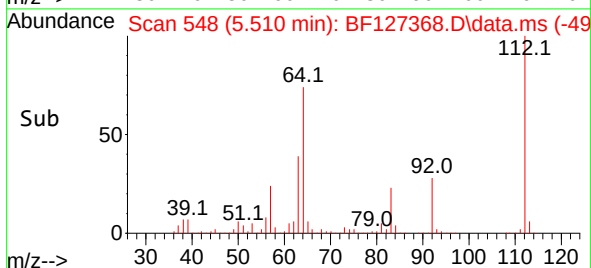
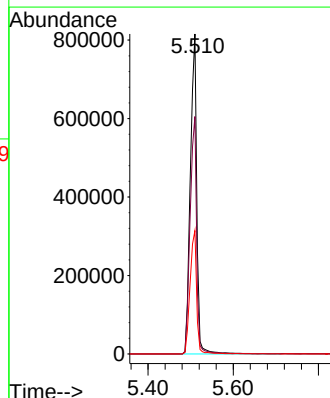
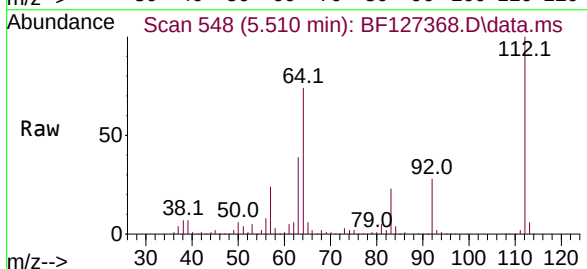
Instrument :
BNA_F
ClientSampleId :
PB143399BL

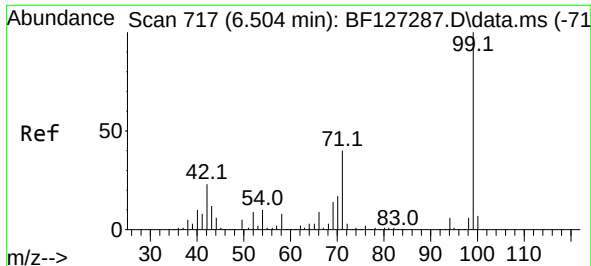
Tgt Ion:152 Resp: 123316
Ion Ratio Lower Upper
152 100
150 146.7 128.1 192.1
115 65.8 56.7 85.1



#5
2-Fluorophenol
Concen: 111.747 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.017 min
Lab File: BF127368.D
Acq: 17 Mar 2022 11:12

Tgt Ion:112 Resp: 857212
Ion Ratio Lower Upper
112 100
64 74.2 49.5 74.3
63 38.6 23.9 35.9#

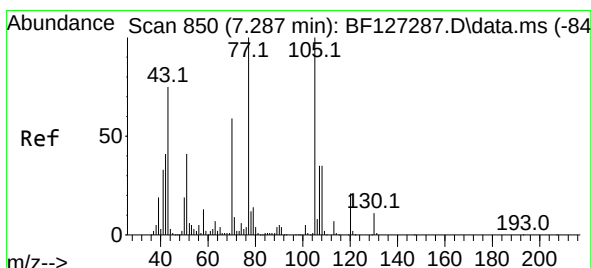
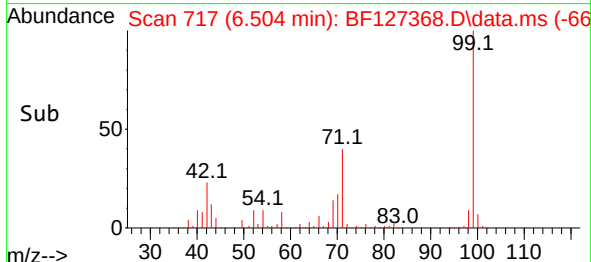
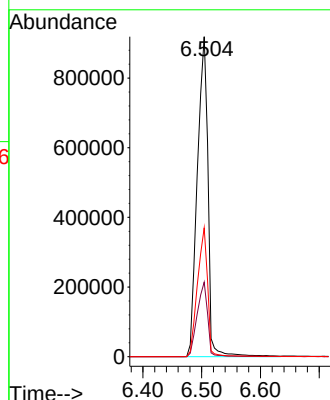
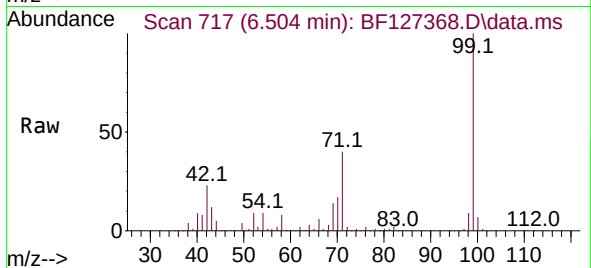




#7
Phenol-d6
Concen: 109.632 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127368.D
Acq: 17 Mar 2022 11:12

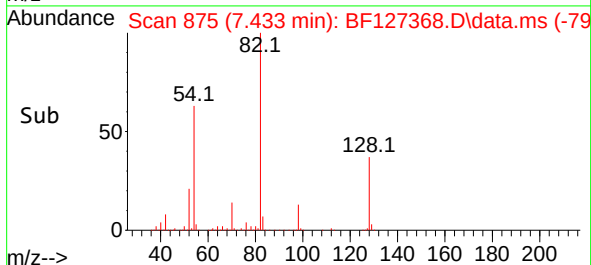
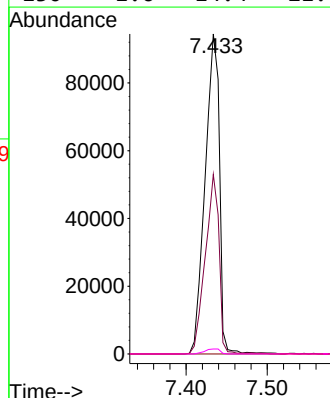
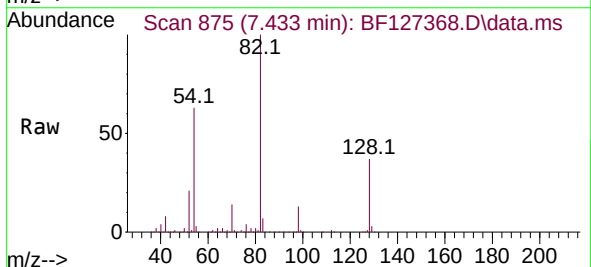
Instrument :
BNA_F
ClientSampleId :
PB143399BL

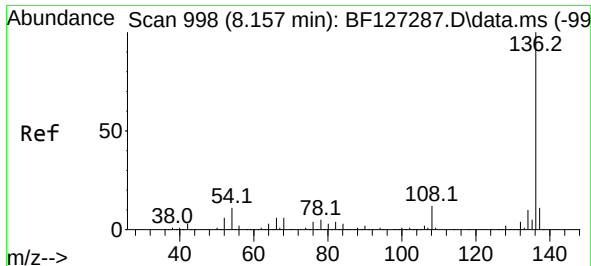
Tgt Ion: 99 Resp: 1156906
Ion Ratio Lower Upper
99 100
42 23.3 14.2 21.4#
71 40.3 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.572 ng
RT: 7.433 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127368.D
Acq: 17 Mar 2022 11:12

Tgt Ion: 70 Resp: 115715
Ion Ratio Lower Upper
70 100
42 56.1 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: 8.145 min Scan# 99

Delta R.T. -0.012 min

Lab File: BF127368.D

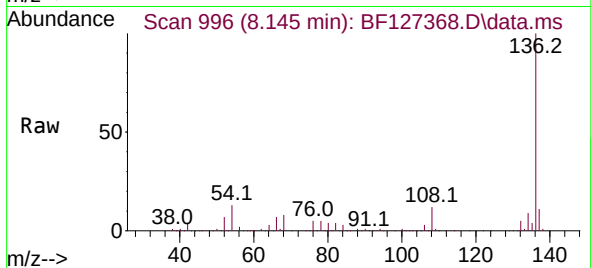
Acq: 17 Mar 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB143399BL



Tgt Ion:136 Resp: 456807

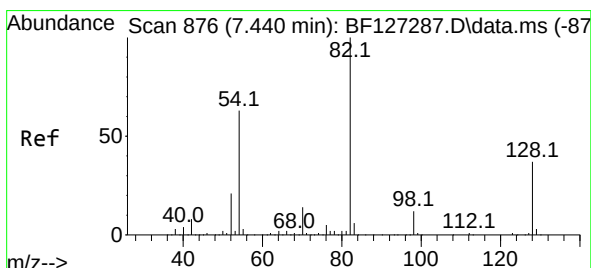
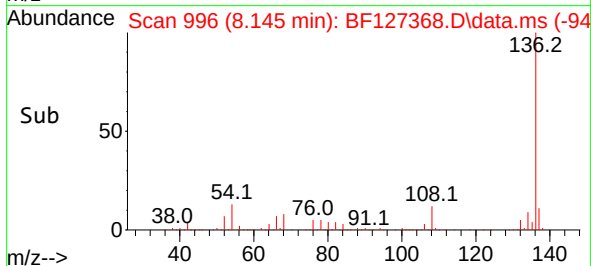
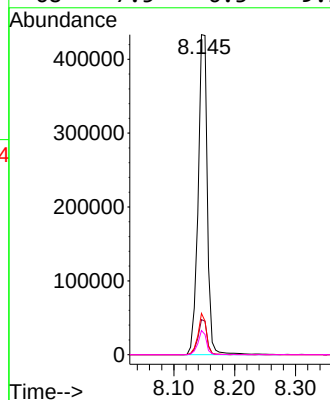
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 12.9 7.8 11.6#

68 7.5 6.3 9.5



#23

Nitrobenzene-d5

Concen: 75.406 ng

RT: 7.433 min Scan# 875

Delta R.T. -0.006 min

Lab File: BF127368.D

Acq: 17 Mar 2022 11:12

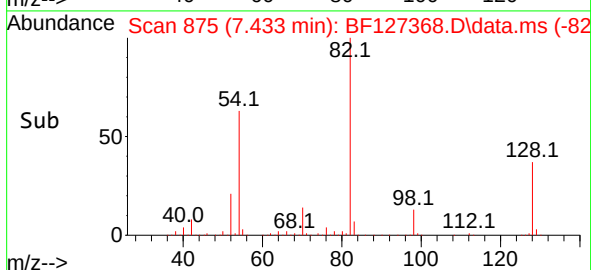
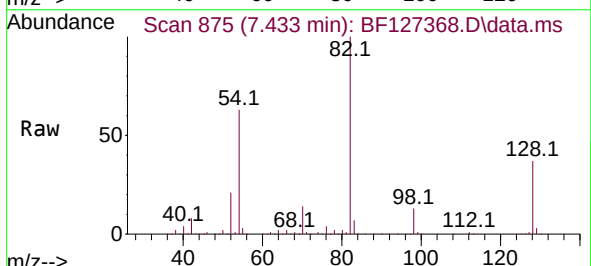
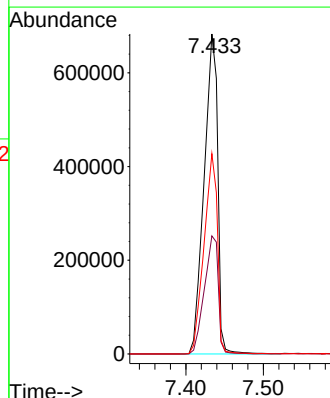
Tgt Ion: 82 Resp: 834077

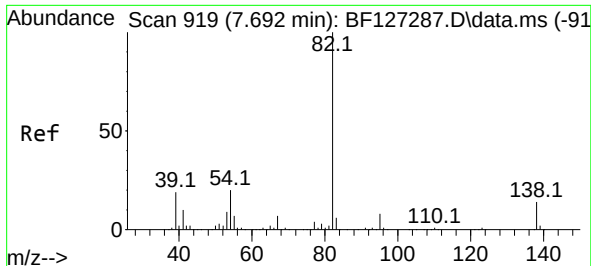
Ion Ratio Lower Upper

82 100

128 36.9 32.7 49.1

54 62.6 41.7 62.5#

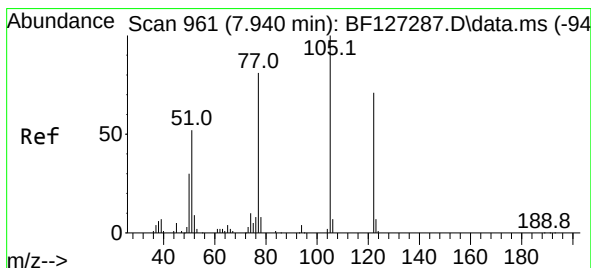
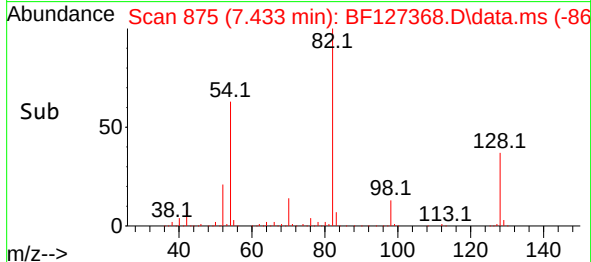
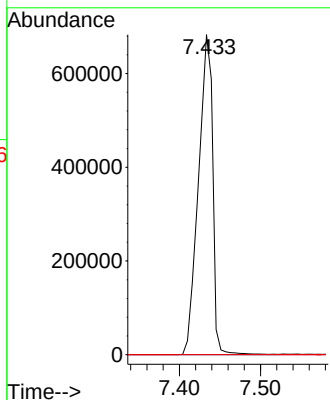
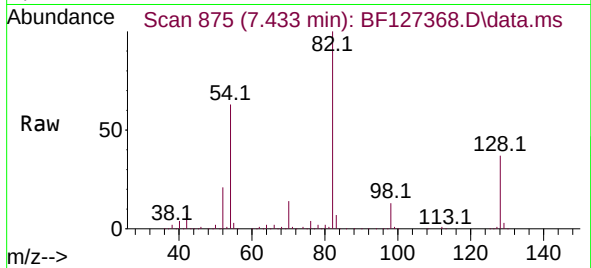




#25
Isophorone
Concen: 46.894 ng
RT: 7.433 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127368.D
Acq: 17 Mar 2022 11:12

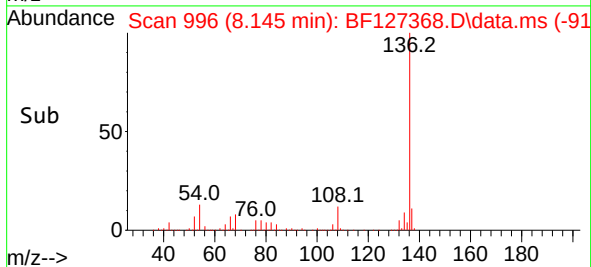
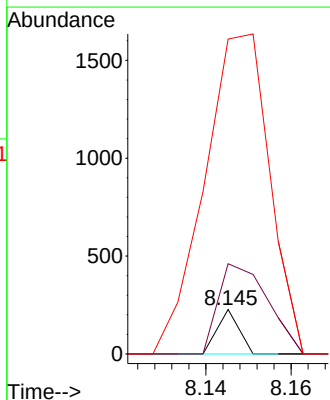
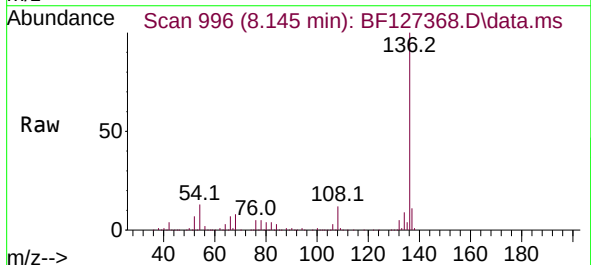
Instrument :
BNA_F
ClientSampleId :
PB143399BL

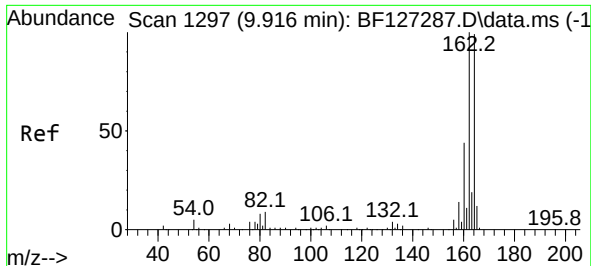
Tgt Ion: 82 Resp: 834066
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 6.638 ng
RT: 8.145 min Scan# 996
Delta R.T. 0.205 min
Lab File: BF127368.D
Acq: 17 Mar 2022 11:12

Tgt Ion:122 Resp: 80
Ion Ratio Lower Upper
122 100
105 203.1 101.0 141.0#
77 708.8 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: BF127368.D

Acq: 17 Mar 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB143399BL

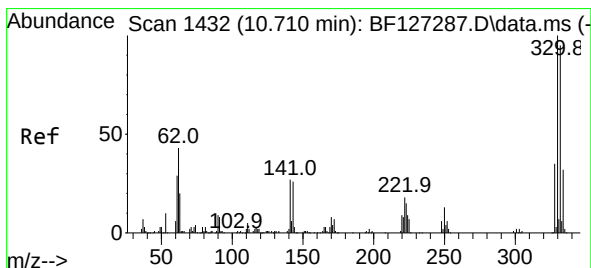
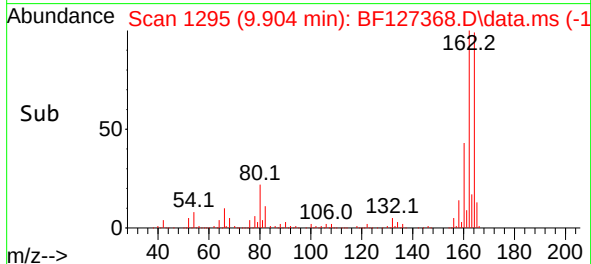
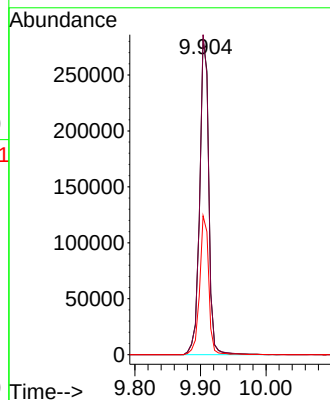
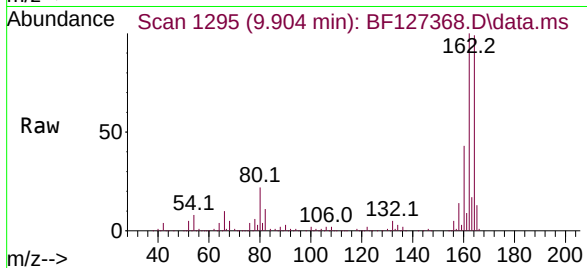
Tgt Ion:164 Resp: 272446

Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.0

160 44.0 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 110.630 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF127368.D

Acq: 17 Mar 2022 11:12

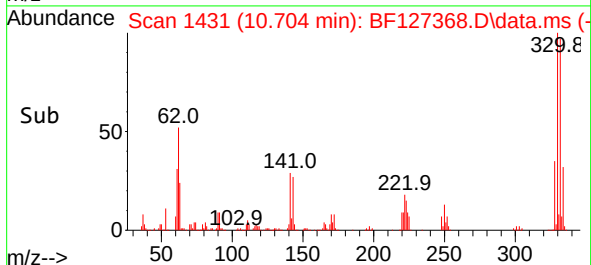
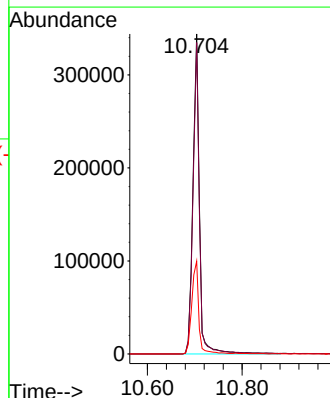
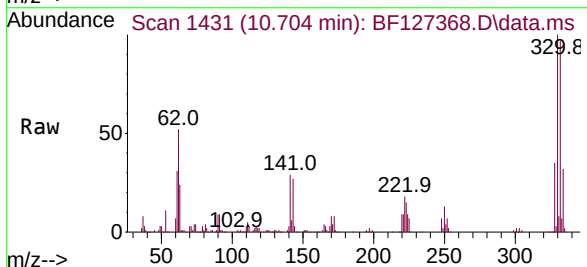
Tgt Ion:330 Resp: 324462

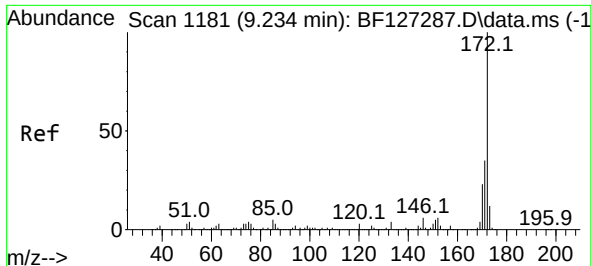
Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

141 31.5 30.1 45.1

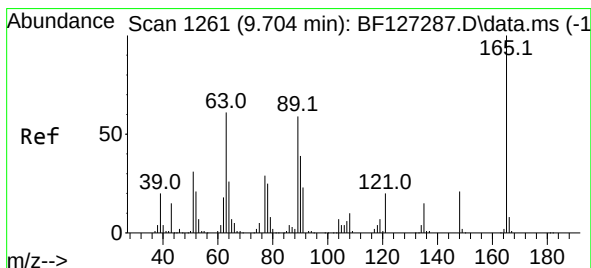
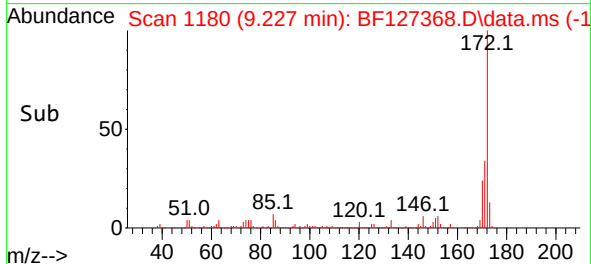
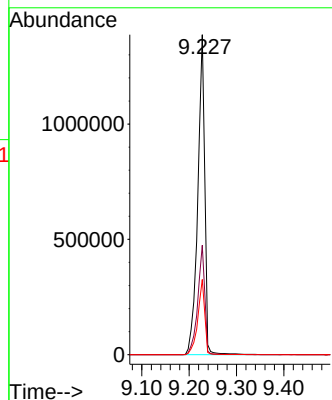
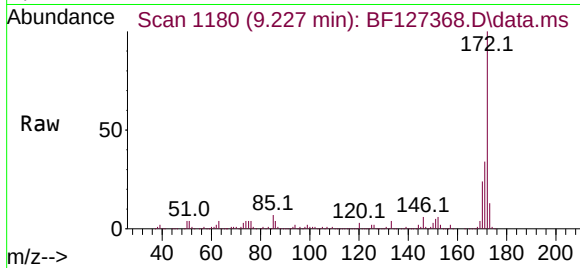




#45
2-Fluorobiphenyl
Concen: 74.135 ng
RT: 9.227 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127368.D
Acq: 17 Mar 2022 11:12

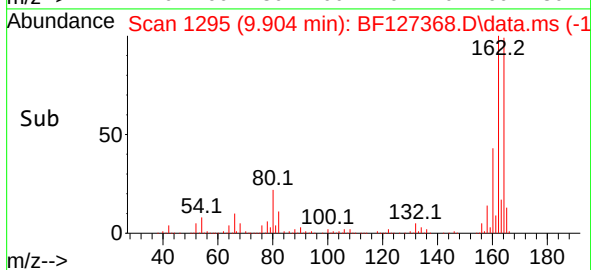
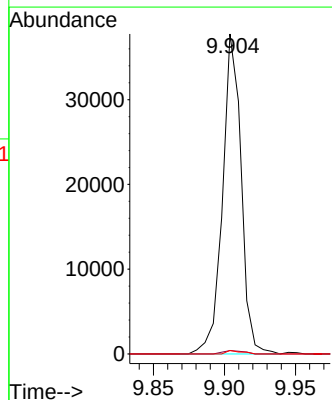
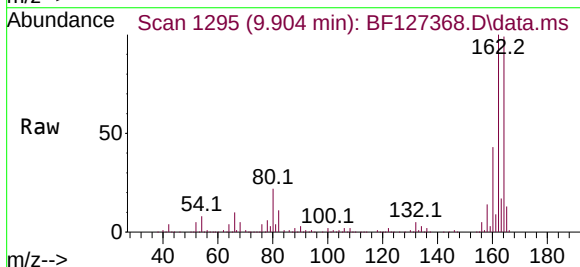
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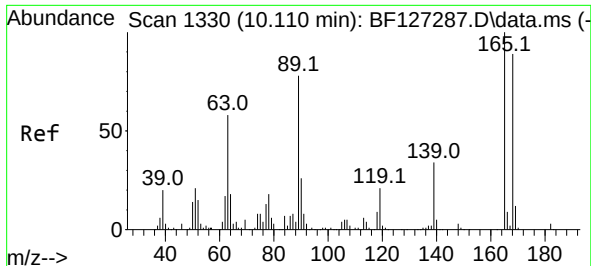
Tgt Ion:172 Resp: 1428620
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 23.5 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.683 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127368.D
Acq: 17 Mar 2022 11:12

Tgt Ion:165 Resp: 34288
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.1 50.5 75.7#

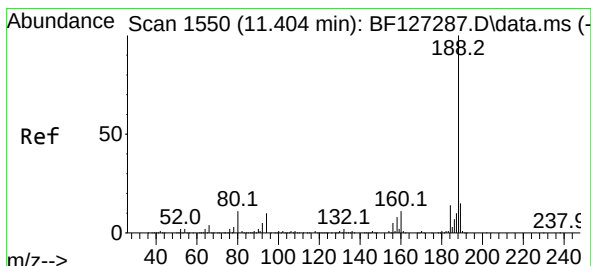
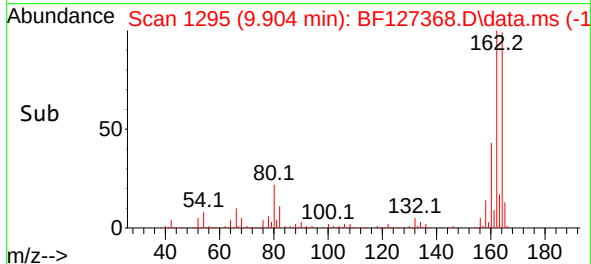
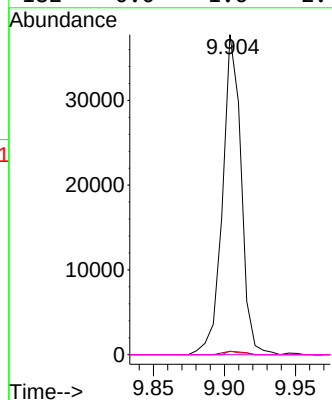
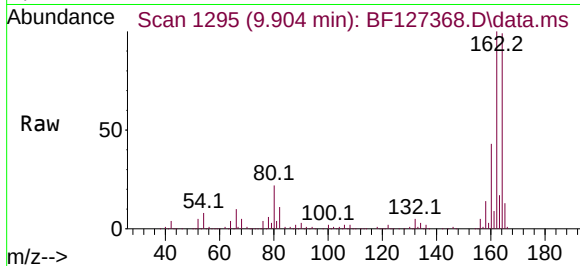




#57
2,4-Dinitrotoluene
Concen: 6.599 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127368.D
Acq: 17 Mar 2022 11:12

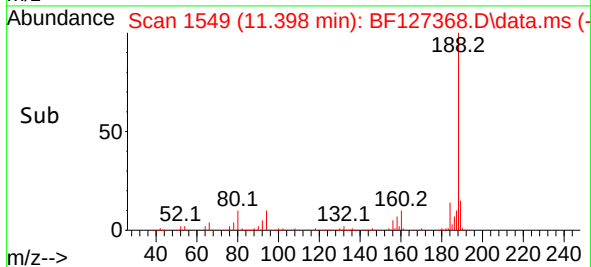
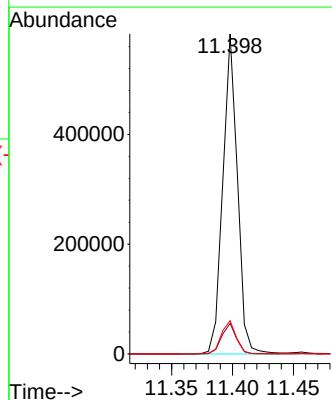
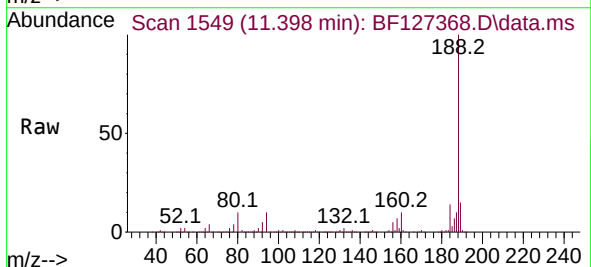
Instrument :
BNA_F
ClientSampleId :
PB143399BL

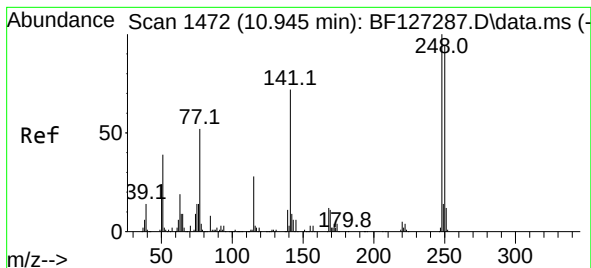
Tgt Ion:165 Resp: 34288
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127368.D
Acq: 17 Mar 2022 11:12

Tgt Ion:188 Resp: 487380
Ion Ratio Lower Upper
188 100
94 9.6 10.1 15.1#
80 10.4 11.8 17.6#

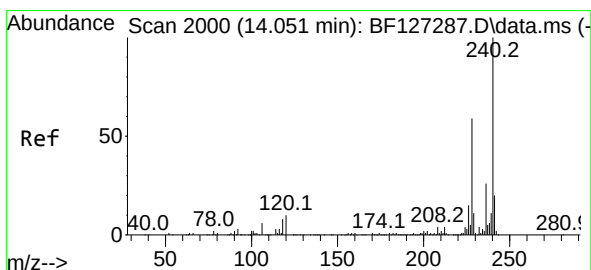
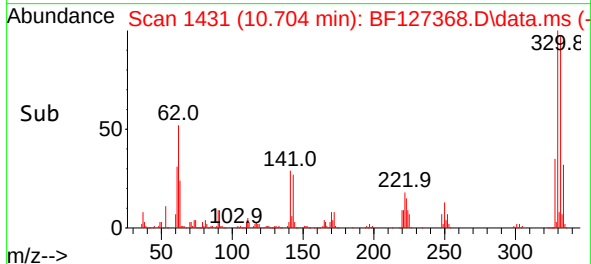
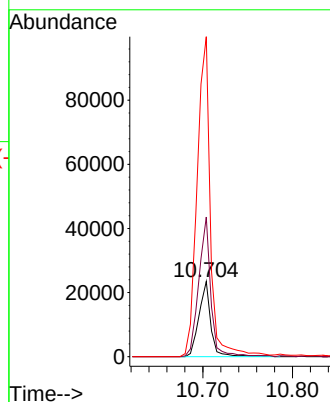
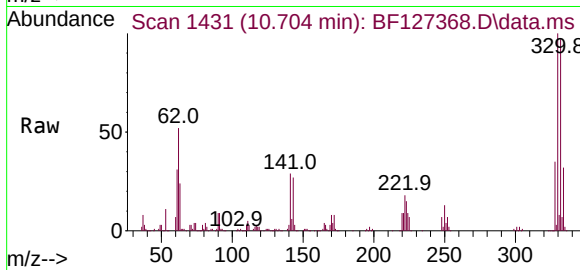




#67
4-Bromophenyl-phenylether
Concen: 3.678 ng
RT: 10.704 min Scan# 1472
Delta R.T. -0.241 min
Lab File: BF127368.D
Acq: 17 Mar 2022 11:12

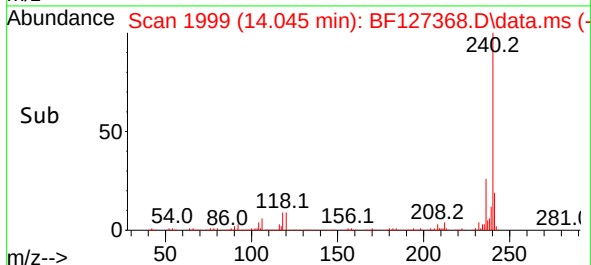
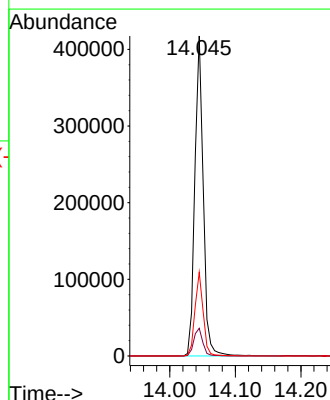
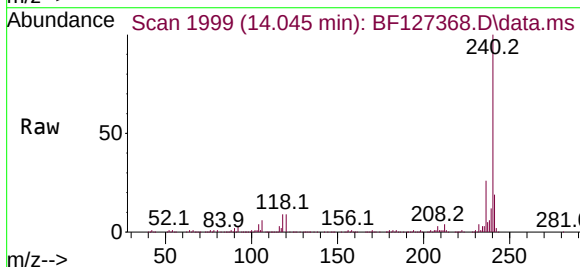
Instrument :
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ClientSampleId :
PB143399BL

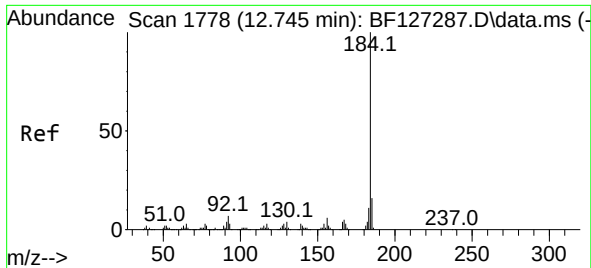
Tgt Ion:248 Resp: 21608
Ion Ratio Lower Upper
248 100
250 185.7 76.2 114.4#
141 425.1 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127368.D
Acq: 17 Mar 2022 11:12

Tgt Ion:240 Resp: 374425
Ion Ratio Lower Upper
240 100
120 8.7 14.4 21.6#
236 26.2 20.5 30.7

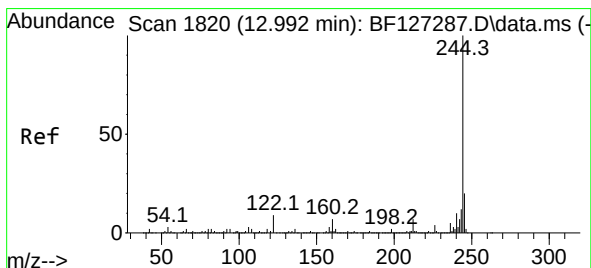
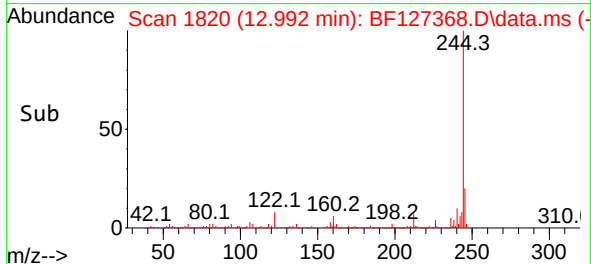
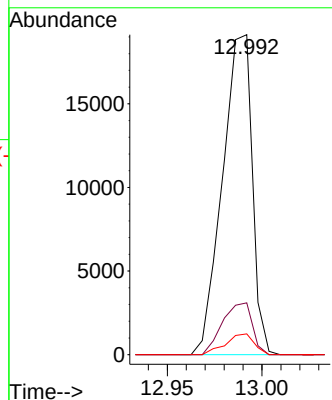
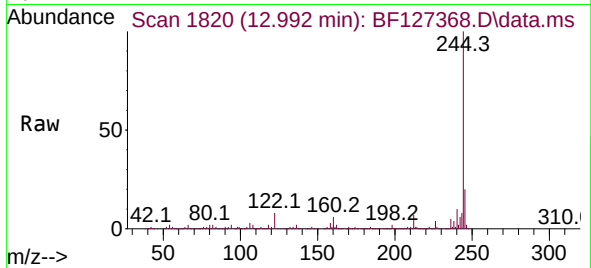




#77
Benzidine
Concen: 2.200 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.247 min
Lab File: BF127368.D
Acq: 17 Mar 2022 11:12

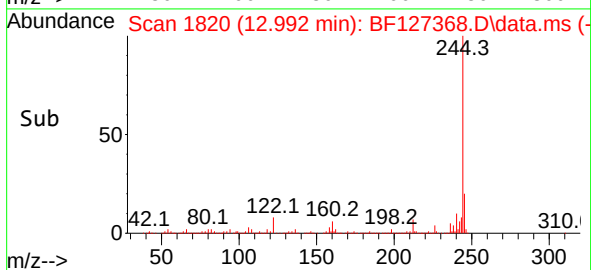
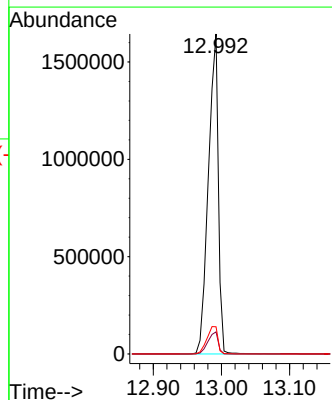
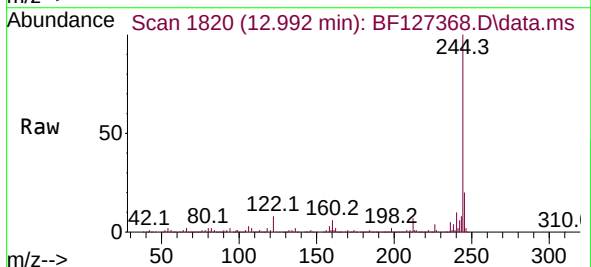
Instrument :
BNA_F
ClientSampleId :
PB143399BL

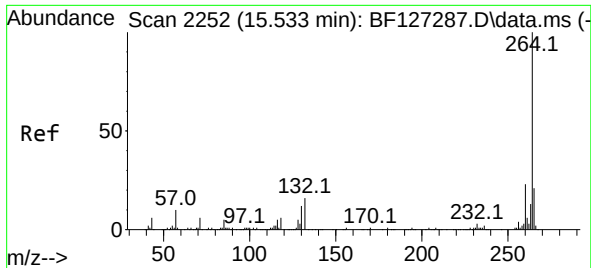
Tgt Ion:184 Resp: 20951
Ion Ratio Lower Upper
184 100
185 16.2 11.8 17.8
183 6.5 8.2 12.2#



#79
Terphenyl-d14
Concen: 76.855 ng
RT: 12.992 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BF127368.D
Acq: 17 Mar 2022 11:12

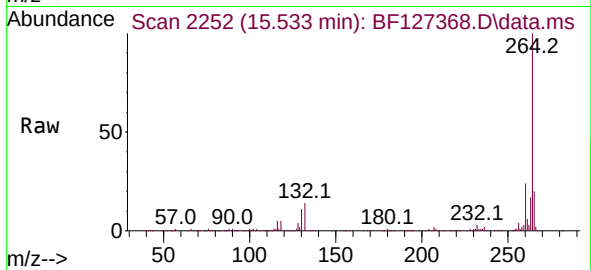
Tgt Ion:244 Resp: 1671163
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 8.5 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127368.D
Acq: 17 Mar 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB143399BL



Tgt Ion:264 Resp: 273285
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 19.6 17.4 26.2

