

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127326.D
 Acq On : 15 Mar 2022 16:06
 Operator : CG\JU
 Sample : PB143346BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143346BL

Quant Time: Mar 16 05:29:15 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)

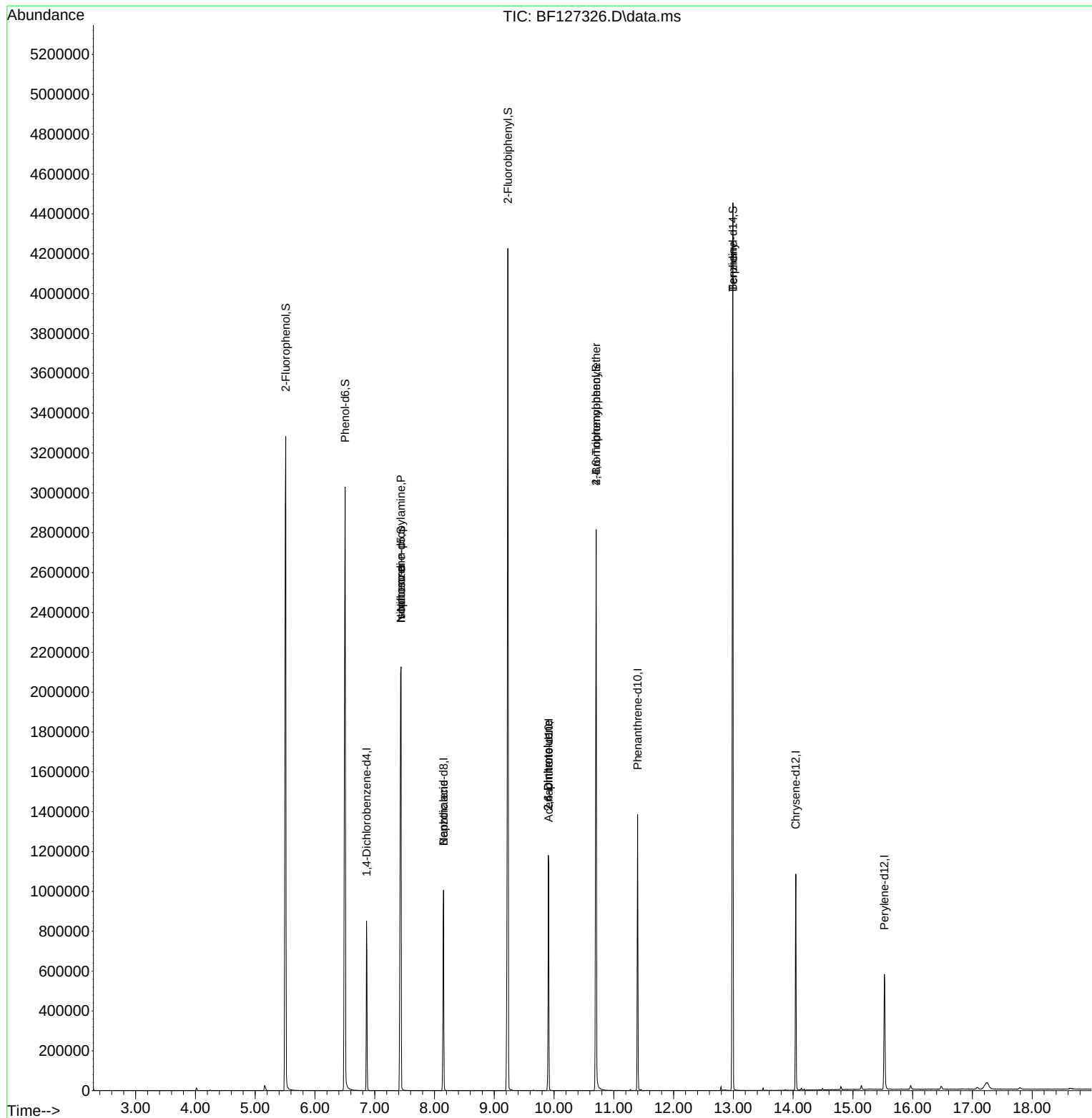
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	117162	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	438856	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	255964	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	462913	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	361859	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	268259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	874497	119.988	ng	0.02
7) Phenol-d6	6.504	99	1217162	121.401	ng	0.00
23) Nitrobenzene-d5	7.440	82	895722	84.291	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	350363	127.154	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1524009	84.177	ng	0.00
79) Terphenyl-d14	12.992	244	1753023	83.420	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	2284	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.440	70	123299	19.707	ng	# 84
25) Isophorone	7.440	82	895714	52.420	ng	# 69
32) Benzoic acid	8.151	122	71	6.637	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	32816	8.845	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	32816	6.723	ng	# 15
67) 4-Bromophenyl-phenylether	10.704	248	23254	4.167	ng	# 1
77) Benzidine	12.992	184	22239	2.417	ng	# 96

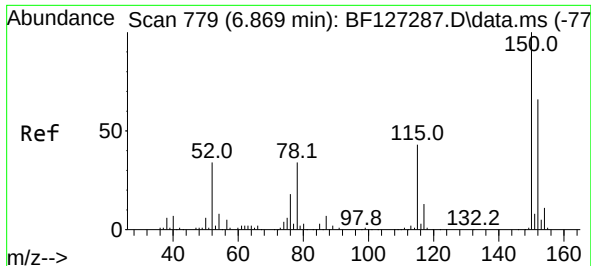
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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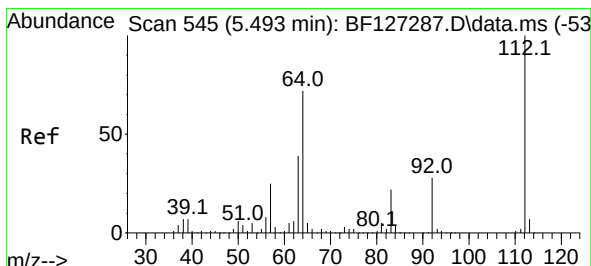
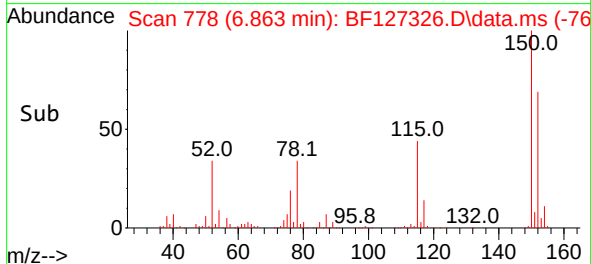
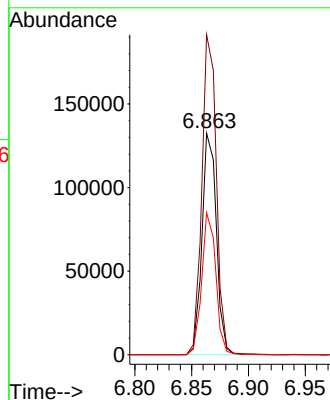
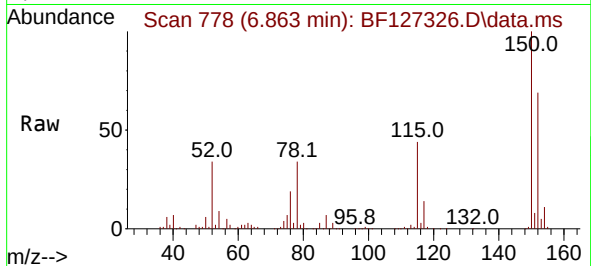




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127326.D
Acq: 15 Mar 2022 16:06

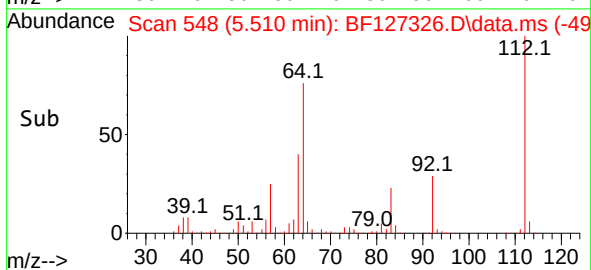
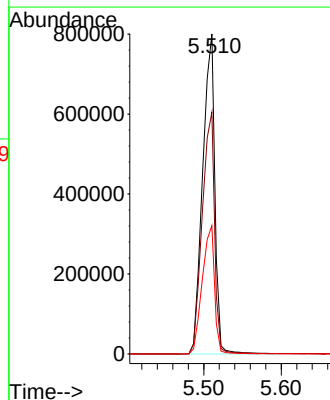
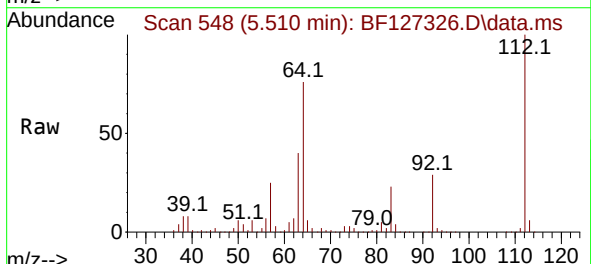
Instrument :
BNA_F
ClientSampleId :
PB143346BL

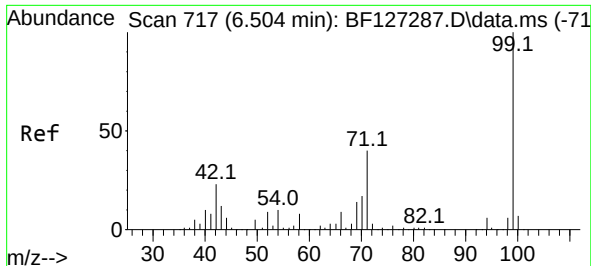
Tgt Ion:152 Resp: 117162
Ion Ratio Lower Upper
152 100
150 144.5 128.1 192.1
115 64.1 56.7 85.1



#5
2-Fluorophenol
Concen: 119.988 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.018 min
Lab File: BF127326.D
Acq: 15 Mar 2022 16:06

Tgt Ion:112 Resp: 874497
Ion Ratio Lower Upper
112 100
64 75.5 49.5 74.3#
63 40.1 23.9 35.9#





#7

Phenol-d6

Concen: 121.401 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF127326.D

Acq: 15 Mar 2022 16:06

Instrument :

BNA_F

ClientSampleId :

PB143346BL

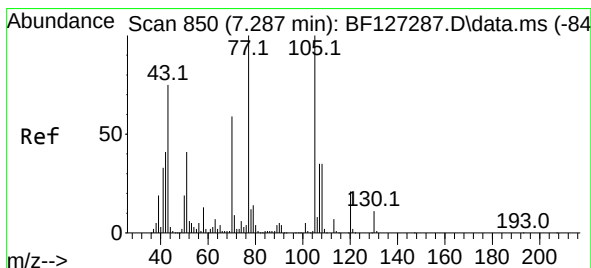
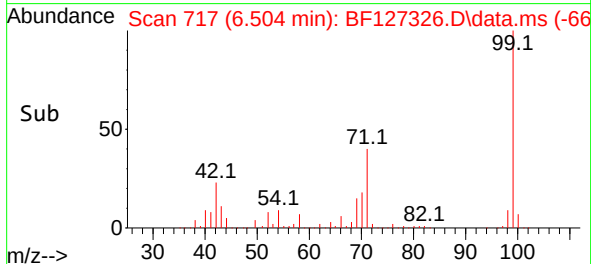
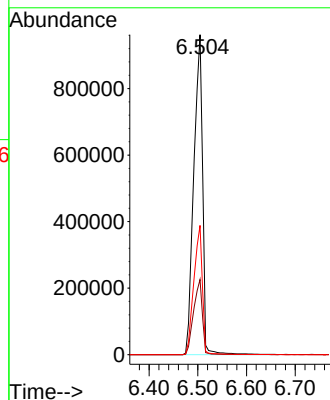
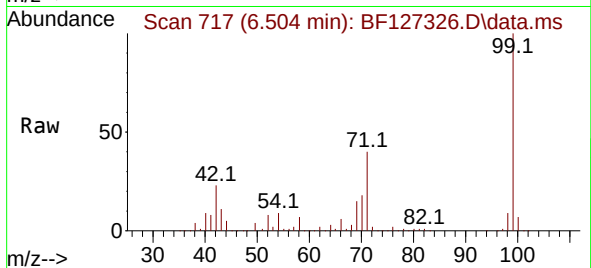
Tgt Ion: 99 Resp: 1217162

Ion Ratio Lower Upper

99 100

42 23.5 14.2 21.4#

71 40.4 24.3 36.5#



#19

n-Nitroso-di-n-propylamine

Concen: 19.707 ng

RT: 7.440 min Scan# 876

Delta R.T. 0.153 min

Lab File: BF127326.D

Acq: 15 Mar 2022 16:06

Tgt Ion: 70 Resp: 123299

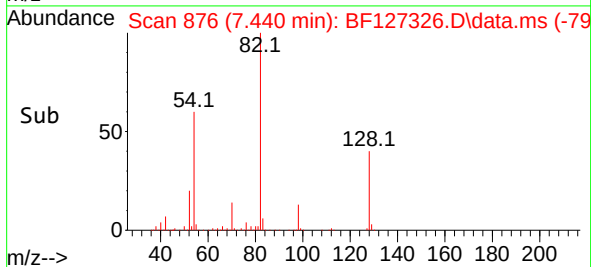
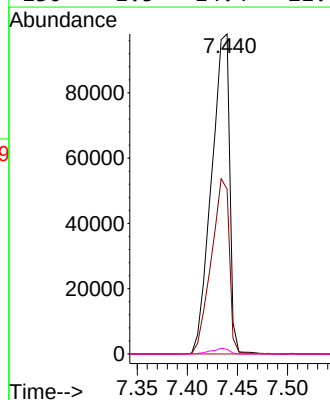
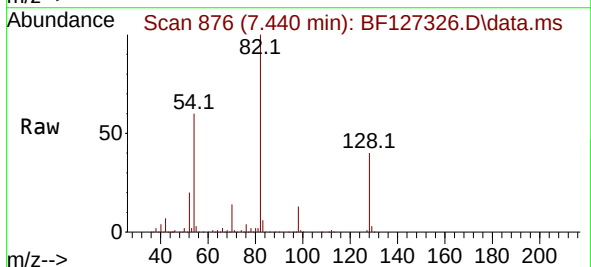
Ion Ratio Lower Upper

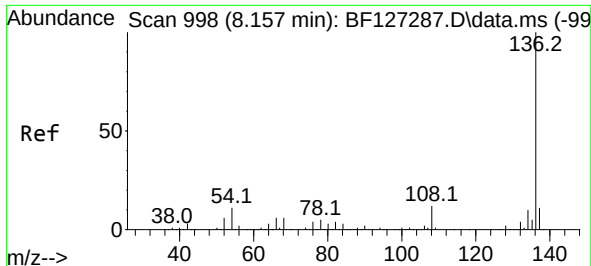
70 100

42 51.6 45.8 68.8

101 0.0 6.9 10.3#

130 1.5 14.4 21.6#

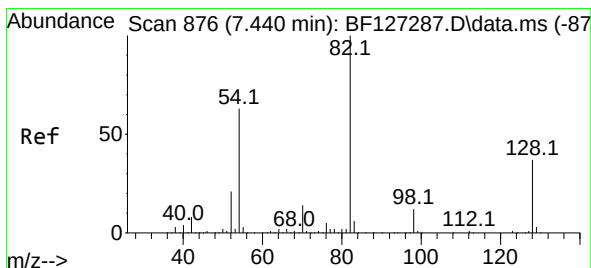
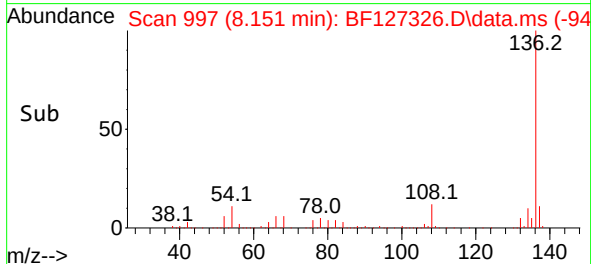
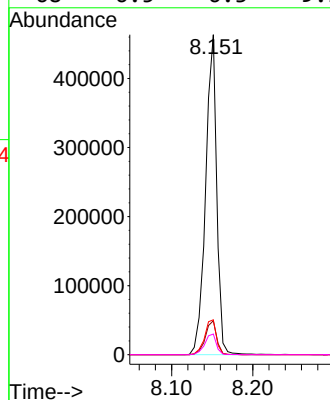
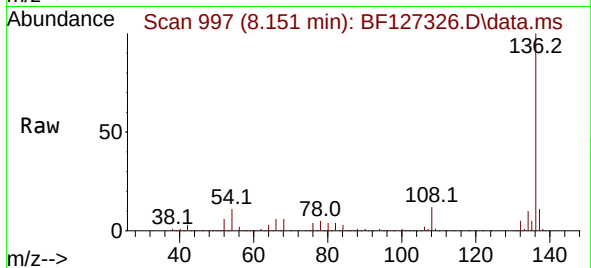




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127326.D
Acq: 15 Mar 2022 16:06

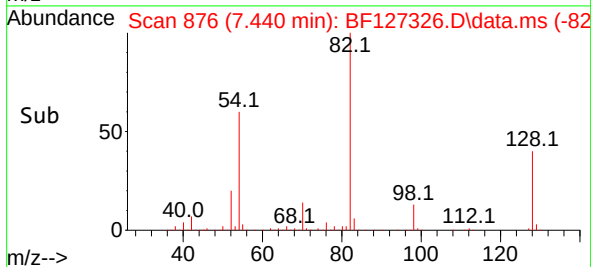
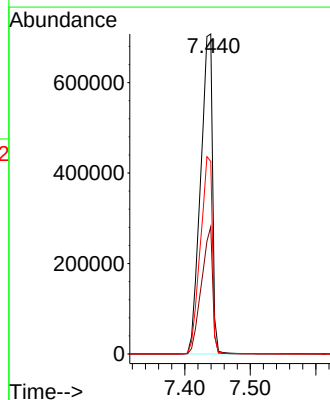
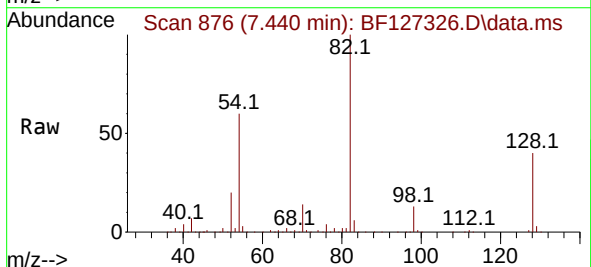
Instrument :
BNA_F
ClientSampleId :
PB143346BL

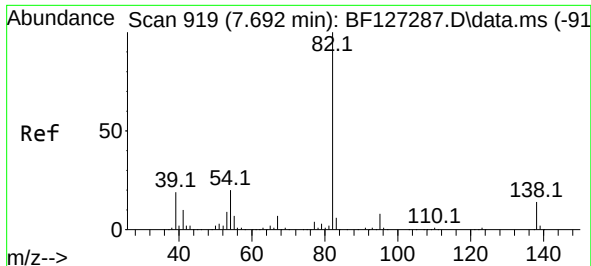
Tgt Ion:	136	Resp:	438856
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	10.9	7.8	11.6
68	6.5	6.3	9.5



#23
Nitrobenzene-d5
Concen: 84.291 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF127326.D
Acq: 15 Mar 2022 16:06

Tgt Ion:	82	Resp:	895722
Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.7	49.1
54	60.2	41.7	62.5

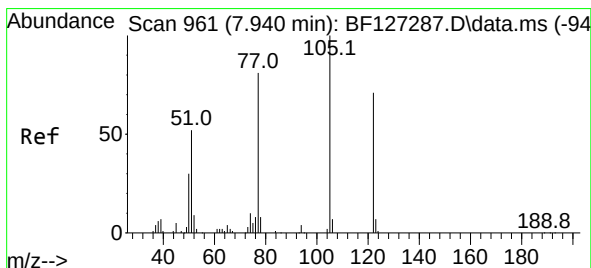
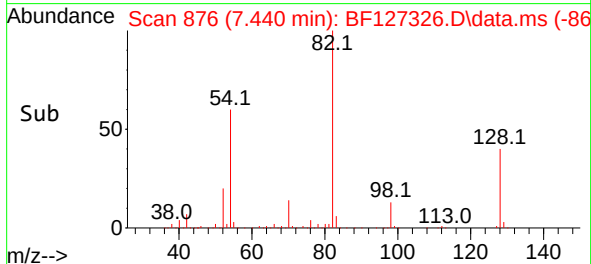
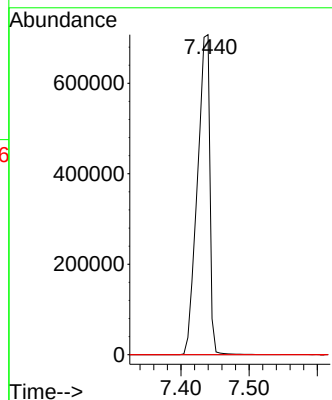
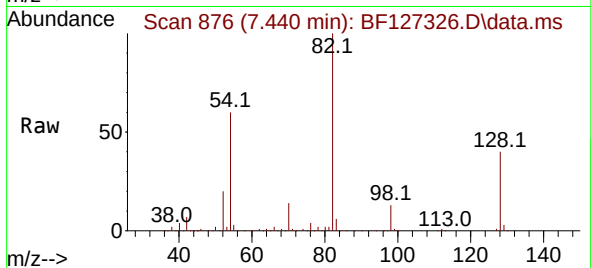




#25
Isophorone
Concen: 52.420 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF127326.D
Acq: 15 Mar 2022 16:06

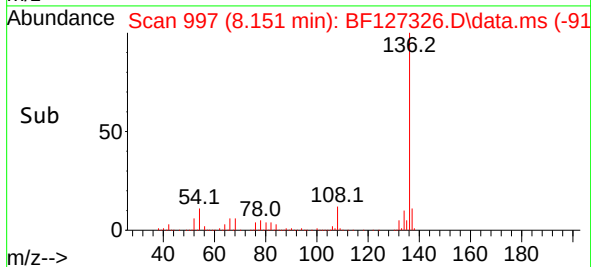
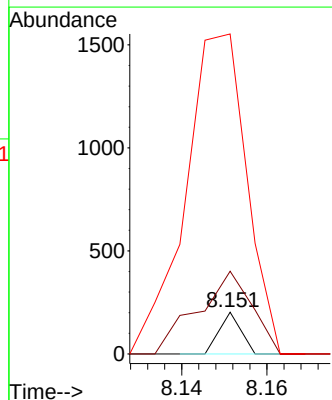
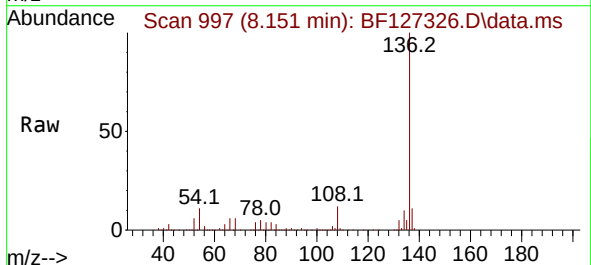
Instrument :
BNA_F
ClientSampleId :
PB143346BL

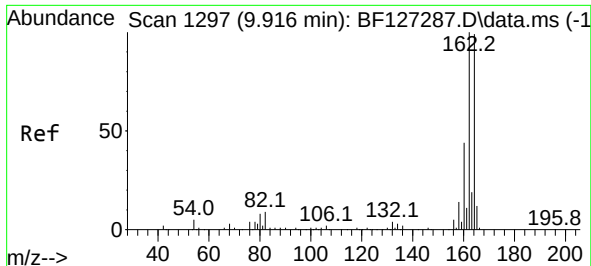
Tgt Ion: 82 Resp: 895714
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 6.637 ng
RT: 8.151 min Scan# 997
Delta R.T. 0.211 min
Lab File: BF127326.D
Acq: 15 Mar 2022 16:06

Tgt Ion:122 Resp: 71
Ion Ratio Lower Upper
122 100
105 198.5 101.0 141.0#
77 768.8 74.5 114.5#

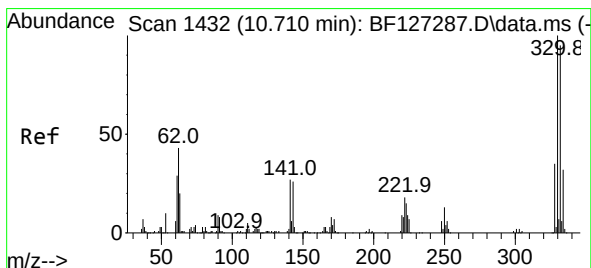
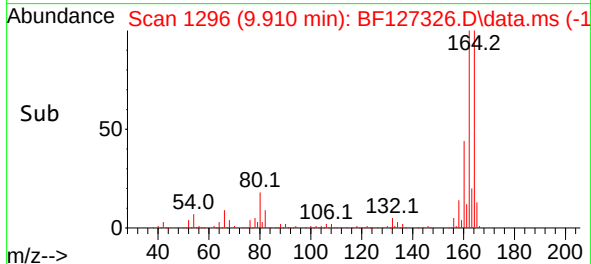
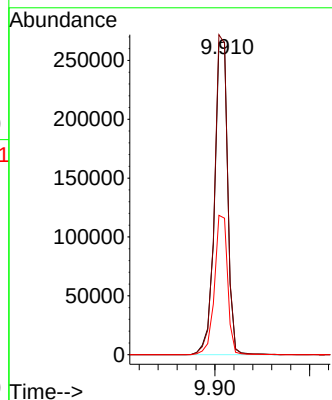
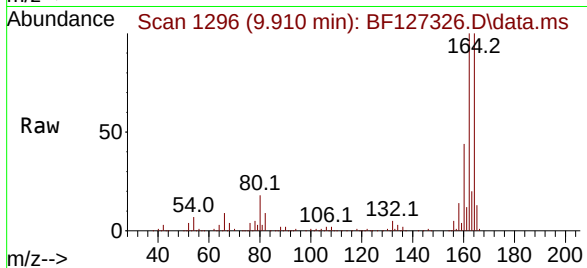




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127326.D
Acq: 15 Mar 2022 16:06

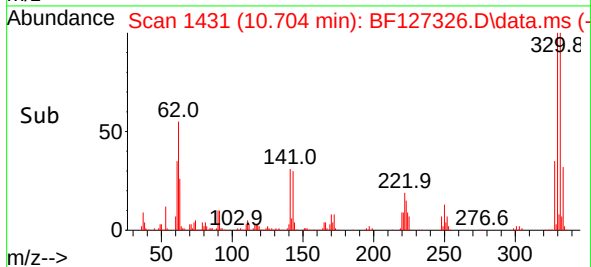
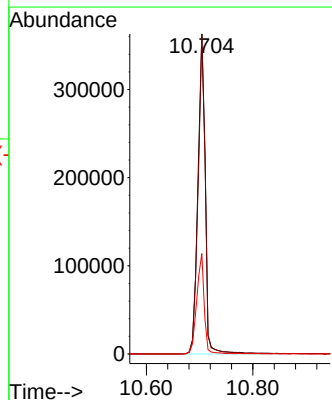
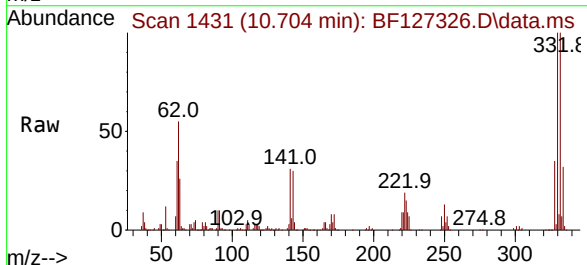
Instrument :
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ClientSampleId :
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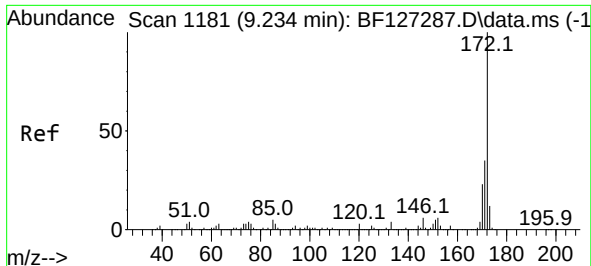
Tgt Ion:164 Resp: 255964
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 43.6 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 127.154 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF127326.D
Acq: 15 Mar 2022 16:06

Tgt Ion:330 Resp: 350363
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 31.7 30.1 45.1

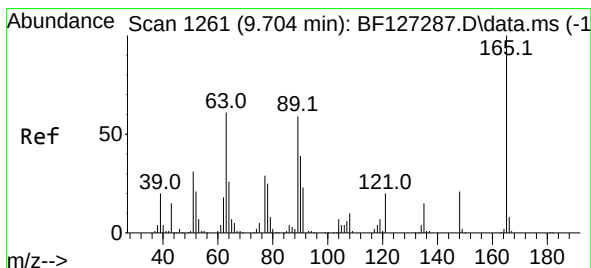
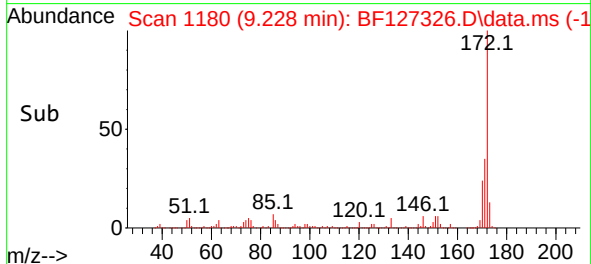
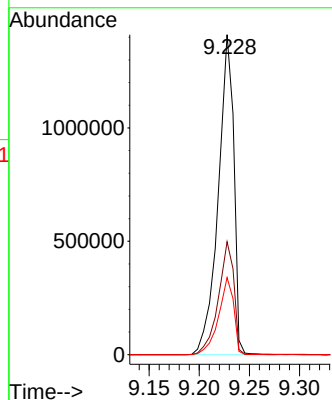
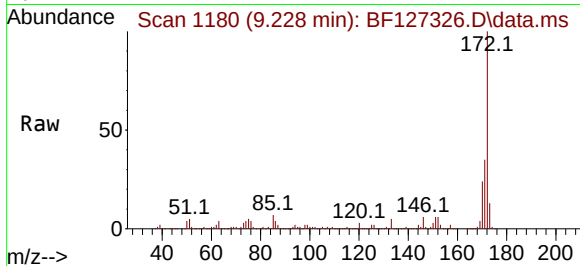




#45
2-Fluorobiphenyl
Concen: 84.177 ng
RT: 9.228 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127326.D
Acq: 15 Mar 2022 16:06

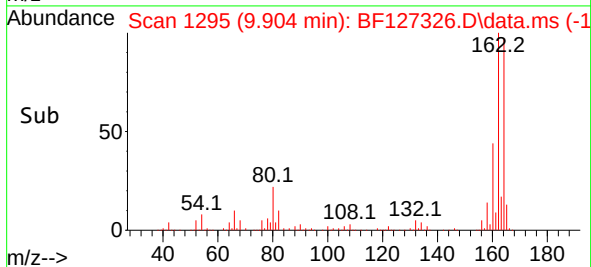
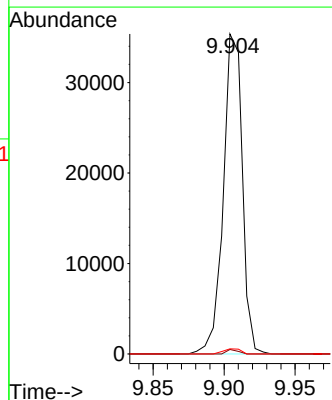
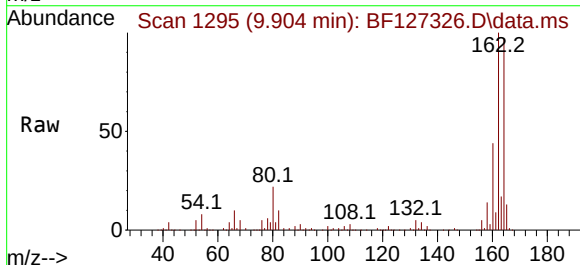
Instrument :
BNA_F
ClientSampleId :
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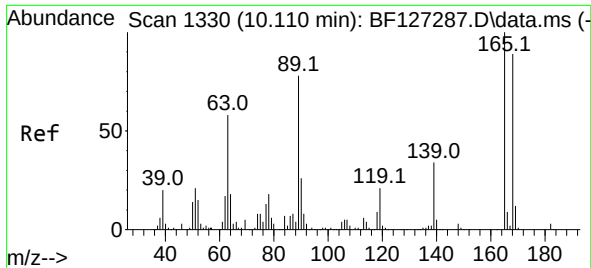
Tgt Ion:172 Resp: 1524009
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 24.1 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.845 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127326.D
Acq: 15 Mar 2022 16:06

Tgt Ion:165 Resp: 32816
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.6 50.5 75.7#

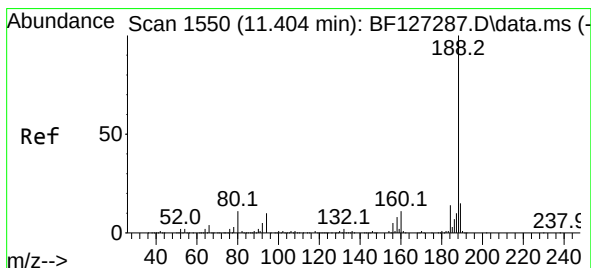
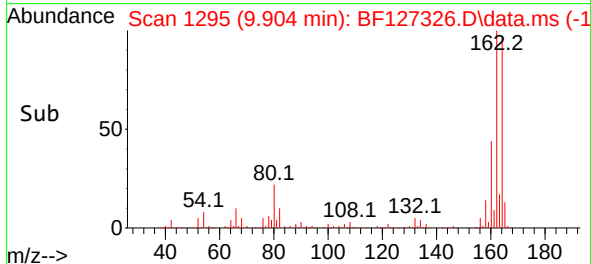
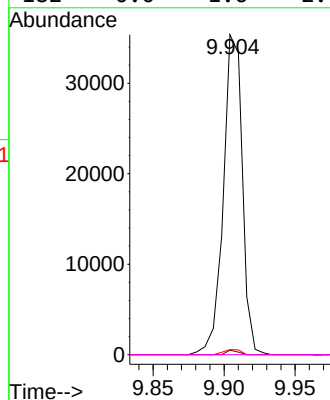
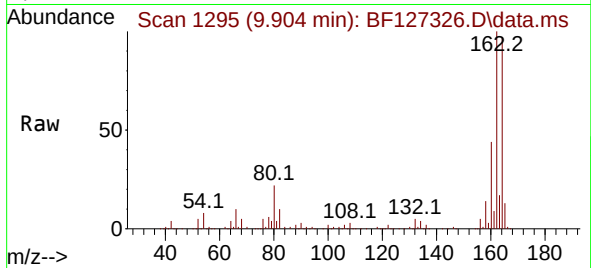




#57
2,4-Dinitrotoluene
Concen: 6.723 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127326.D
Acq: 15 Mar 2022 16:06

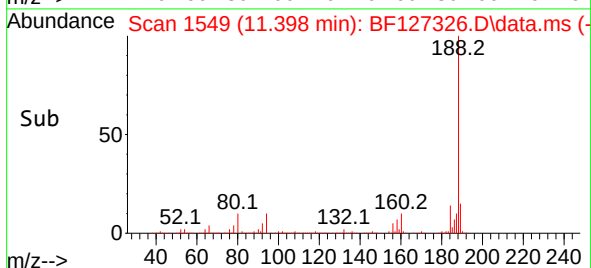
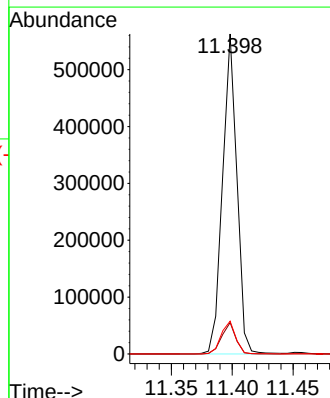
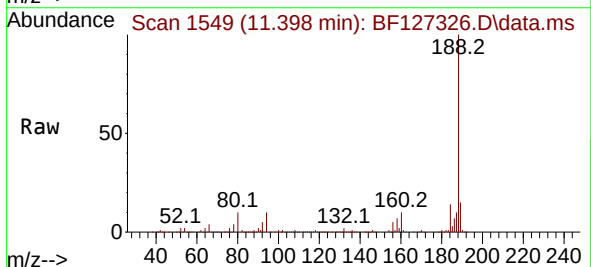
Instrument :
BNA_F
ClientSampleId :
PB143346BL

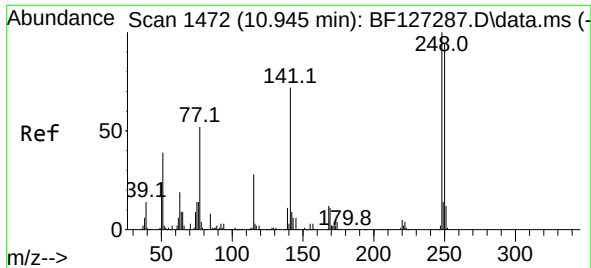
Tgt Ion:165 Resp: 32816
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127326.D
Acq: 15 Mar 2022 16:06

Tgt Ion:188 Resp: 462913
Ion Ratio Lower Upper
188 100
94 9.8 10.1 15.1#
80 10.2 11.8 17.6#

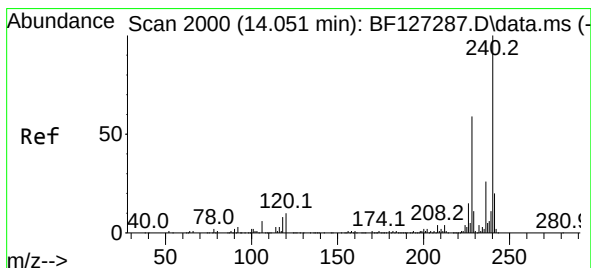
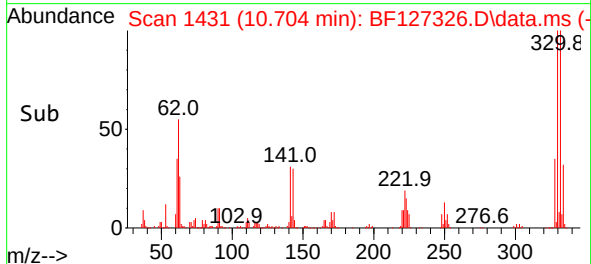
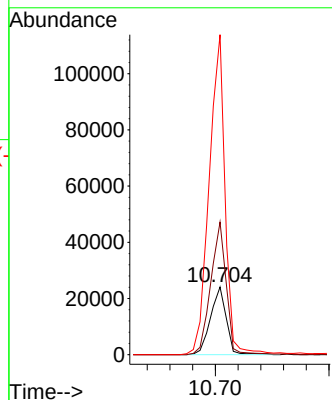
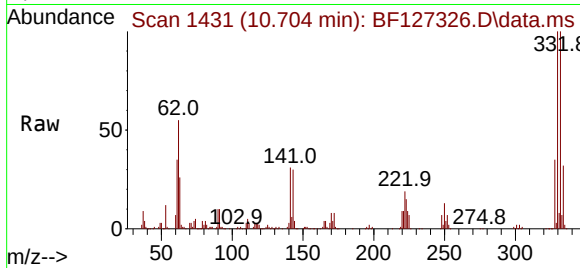




#67
4-Bromophenyl-phenylether
Concen: 4.167 ng
RT: 10.704 min Scan# 1472
Delta R.T. -0.241 min
Lab File: BF127326.D
Acq: 15 Mar 2022 16:06

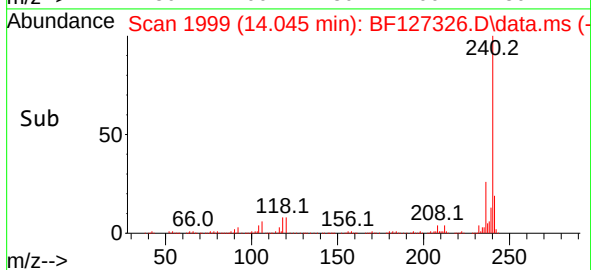
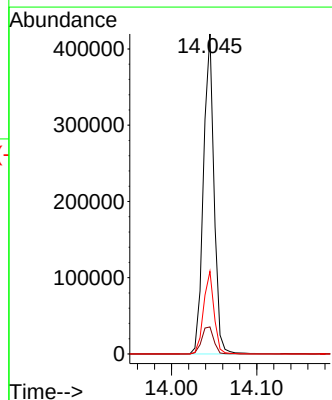
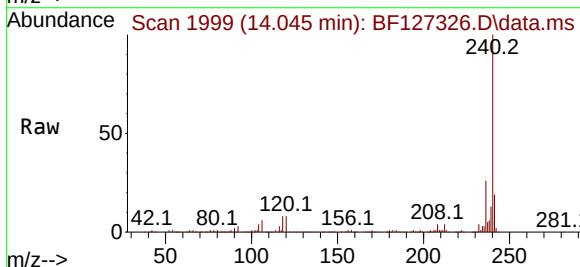
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BNA_F
ClientSampleId :
PB143346BL

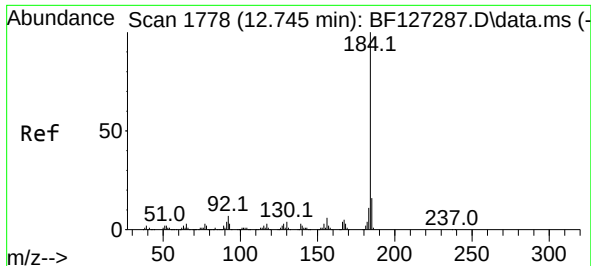
Tgt Ion:248 Resp: 23254
Ion Ratio Lower Upper
248 100
250 196.3 76.2 114.4#
141 473.3 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127326.D
Acq: 15 Mar 2022 16:06

Tgt Ion:240 Resp: 361859
Ion Ratio Lower Upper
240 100
120 8.4 14.4 21.6#
236 25.8 20.5 30.7

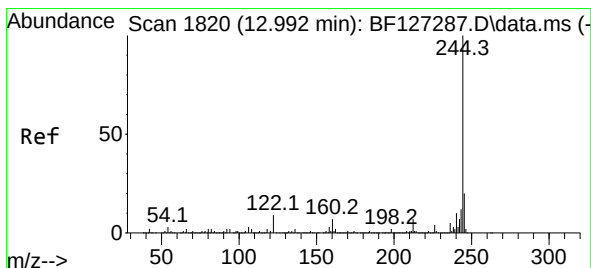
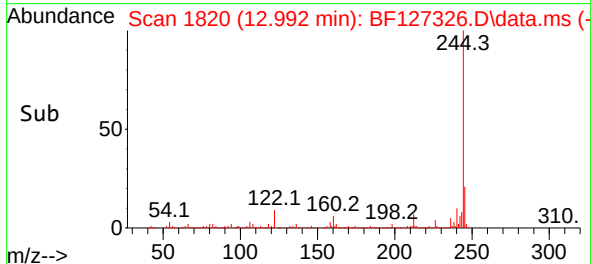
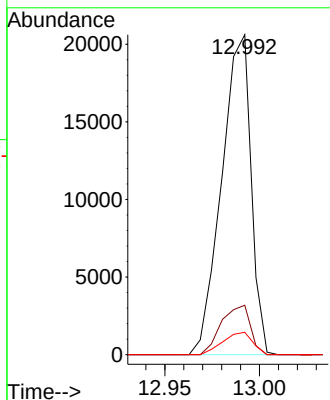
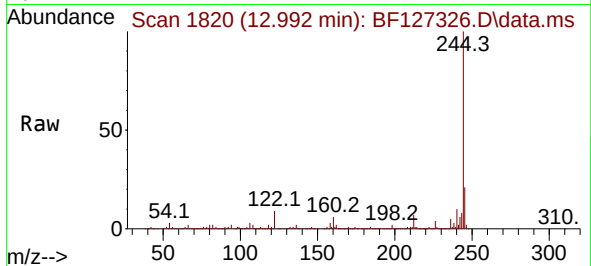




#77
Benzidine
Concen: 2.417 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.247 min
Lab File: BF127326.D
Acq: 15 Mar 2022 16:06

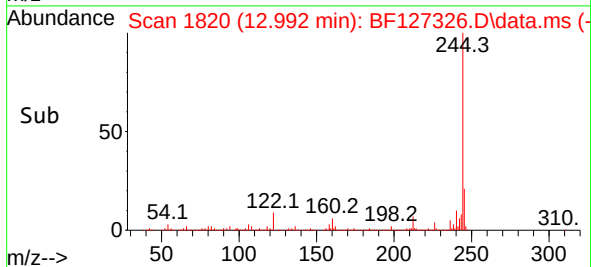
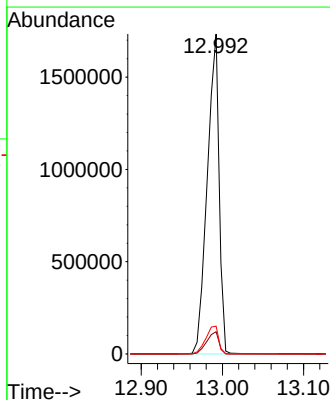
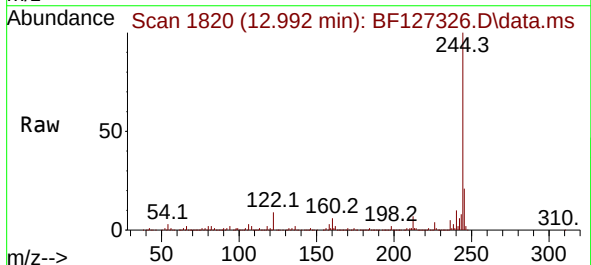
Instrument :
BNA_F
ClientSampleId :
PB143346BL

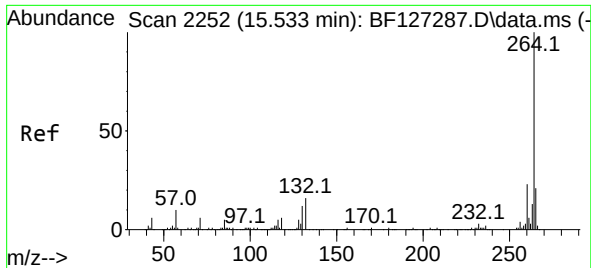
Tgt Ion:184 Resp: 22239
Ion Ratio Lower Upper
184 100
185 15.4 11.8 17.8
183 7.0 8.2 12.2#



#79
Terphenyl-d14
Concen: 83.420 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BF127326.D
Acq: 15 Mar 2022 16:06

Tgt Ion:244 Resp: 1753023
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 8.7 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127326.D
 Acq: 15 Mar 2022 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB143346BL

Tgt Ion:264 Resp: 268259
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.7 17.4 26.2

