

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
 Data File : BF127353.D
 Acq On : 16 Mar 2022 18:01
 Operator : CG\JU
 Sample : N1951-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-8-(30-35)-3-12-22

Quant Time: Mar 17 02:35:51 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)

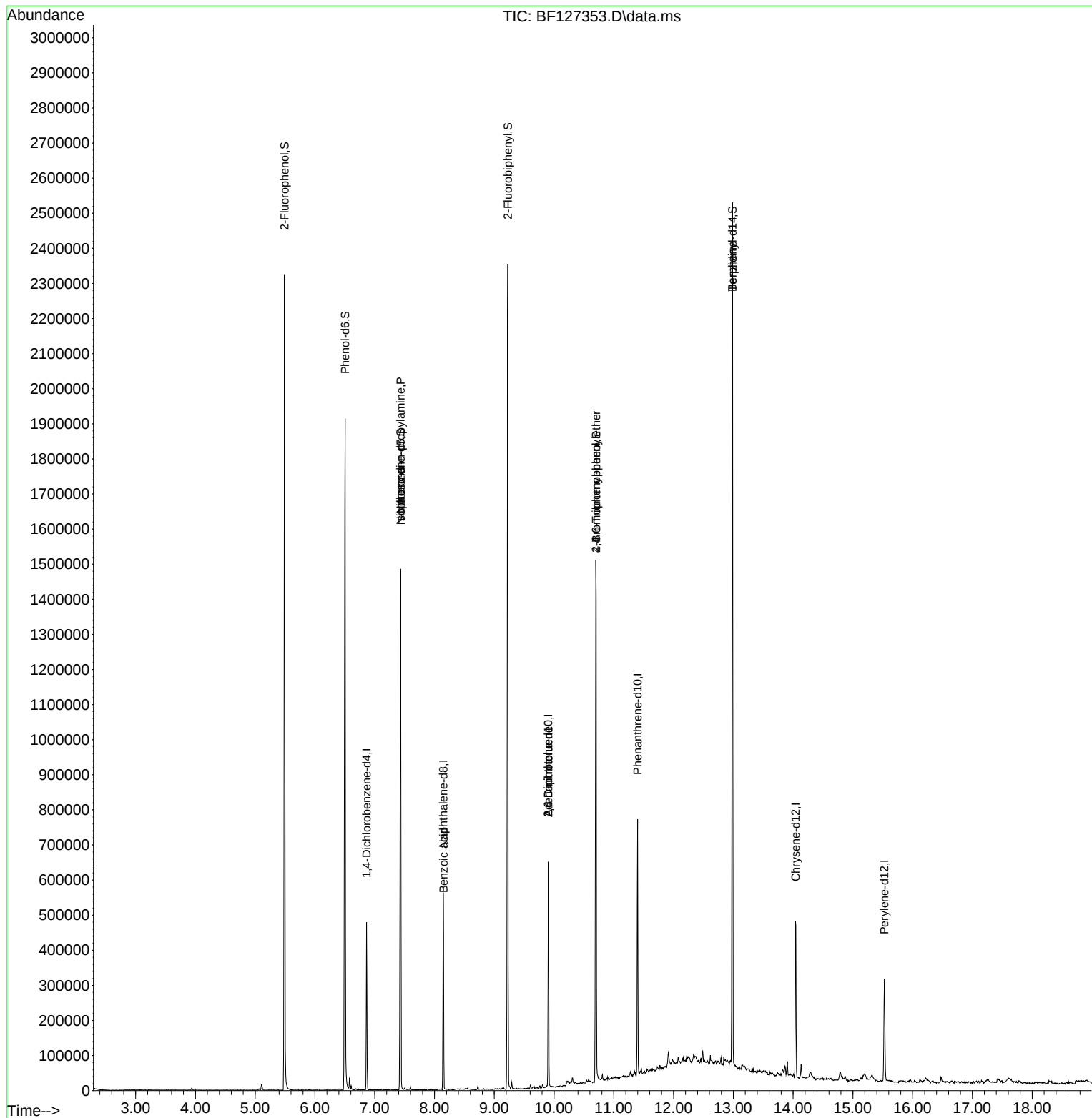
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58382	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	217375	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	120773	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	232902	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	158583	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	132883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	499801	137.621	ng	0.00
7) Phenol-d6	6.504	99	632262	126.554	ng	0.00
23) Nitrobenzene-d5	7.434	82	443970	84.348	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	179964	138.422	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	746460	87.382	ng	0.00
79) Terphenyl-d14	12.986	244	815232	88.521	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	1089	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	63102	20.240	ng	# 88
25) Isophorone	7.434	82	443966	52.456	ng	# 69
32) Benzoic acid	8.151	122	64	6.649	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	15740	8.991	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	15740	6.834	ng	# 15
67) 4-Bromophenyl-phenylether	10.704	248	12223	4.354	ng	# 1
77) Benzidine	12.986	184	11244	2.788	ng	# 92

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

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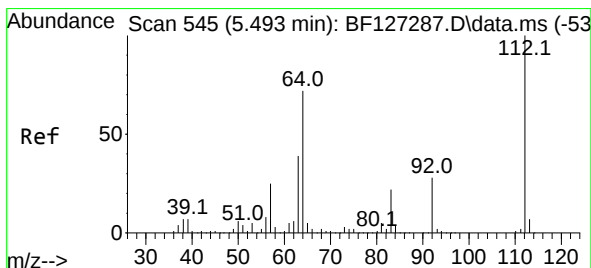
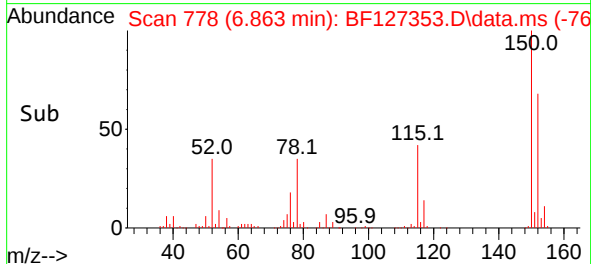
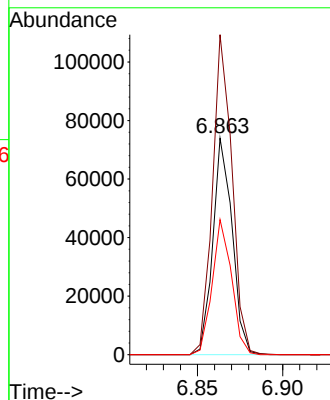
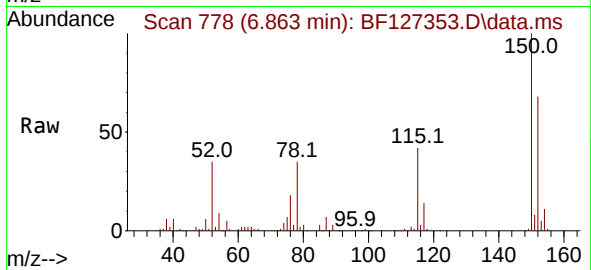




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127353.D
Acq: 16 Mar 2022 18:01

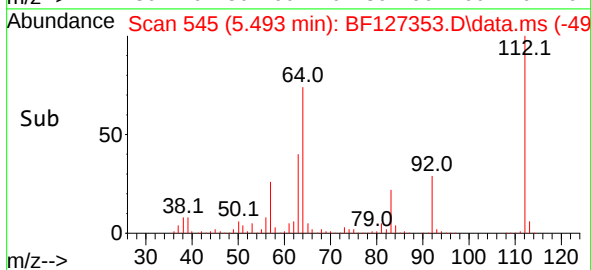
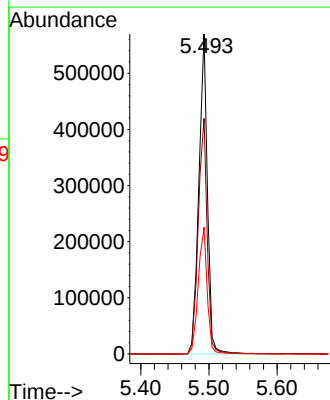
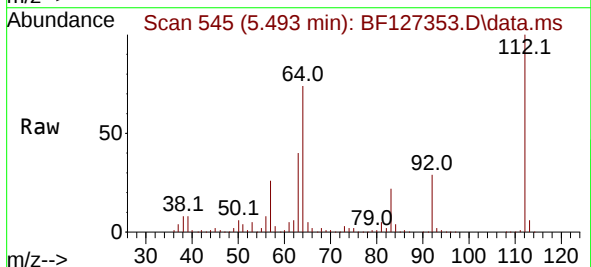
Instrument :
BNA_F
ClientSampleId :
DB-8-(30-35)-3-12-22

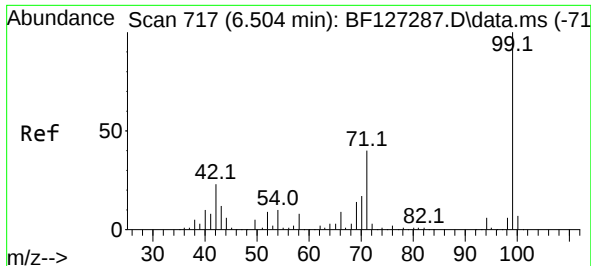
Tgt Ion:152 Resp: 58382
Ion Ratio Lower Upper
152 100
150 147.8 128.1 192.1
115 62.4 56.7 85.1



#5
2-Fluorophenol
Concen: 137.621 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF127353.D
Acq: 16 Mar 2022 18:01

Tgt Ion:112 Resp: 499801
Ion Ratio Lower Upper
112 100
64 73.6 49.5 74.3
63 39.6 23.9 35.9#

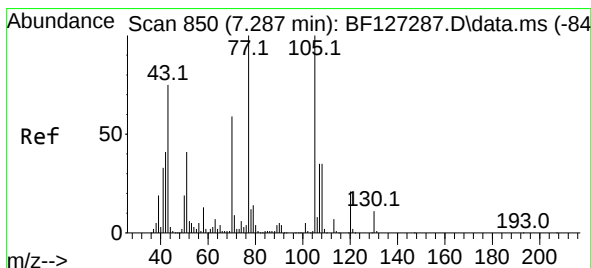
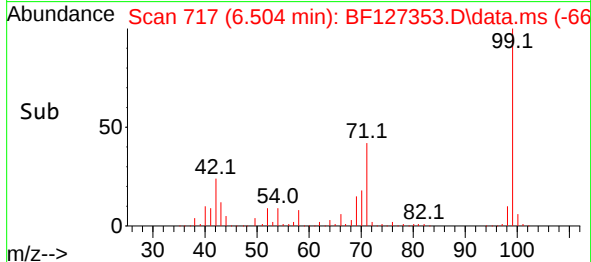
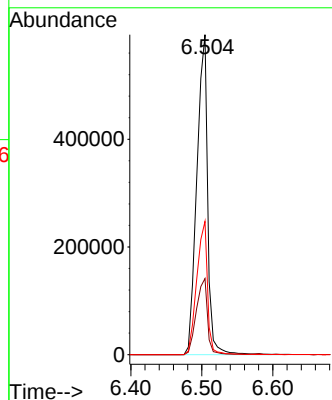
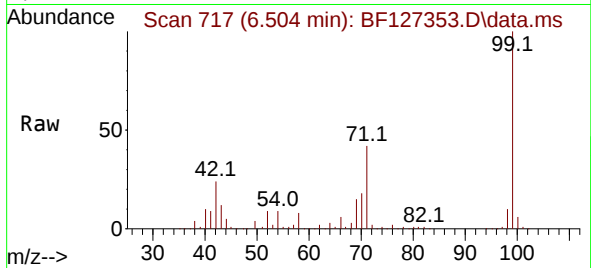




#7
Phenol-d6
Concen: 126.554 ng
RT: 6.504 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF127353.D
Acq: 16 Mar 2022 18:01

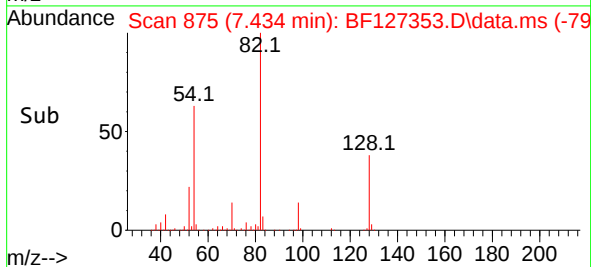
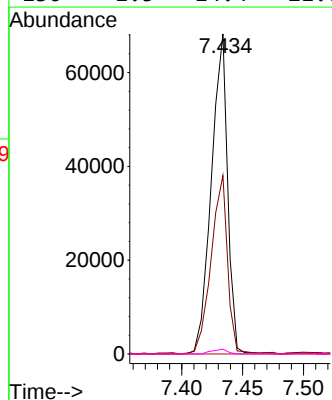
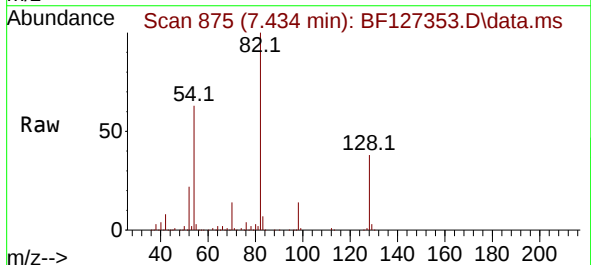
Instrument :
BNA_F
ClientSampleId :
DB-8-(30-35)-3-12-22

Tgt Ion: 99 Resp: 632262
Ion Ratio Lower Upper
99 100
42 23.8 14.2 21.4#
71 41.6 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 20.240 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127353.D
Acq: 16 Mar 2022 18:01

Tgt Ion: 70 Resp: 63102
Ion Ratio Lower Upper
70 100
42 55.8 45.8 68.8
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#

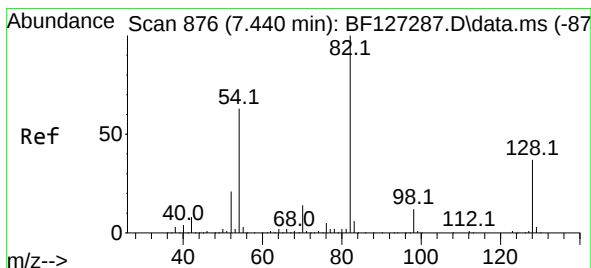
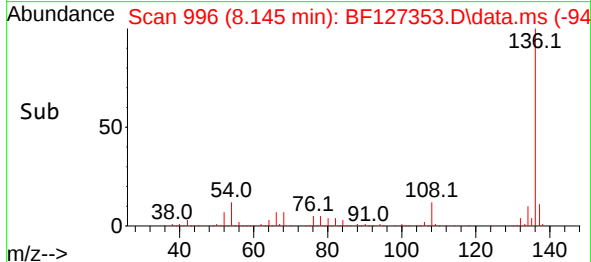
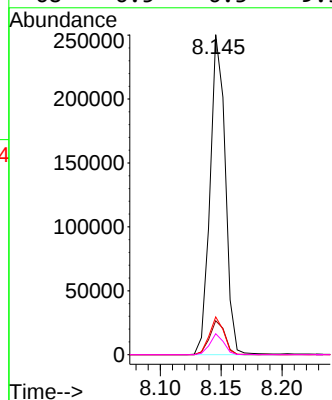
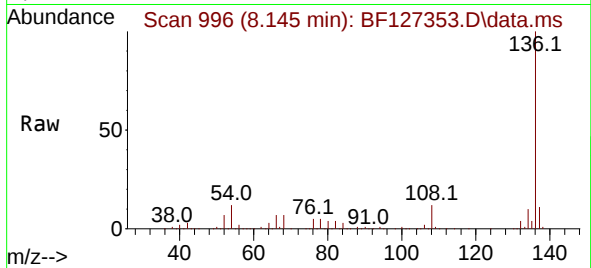




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127353.D
Acq: 16 Mar 2022 18:01

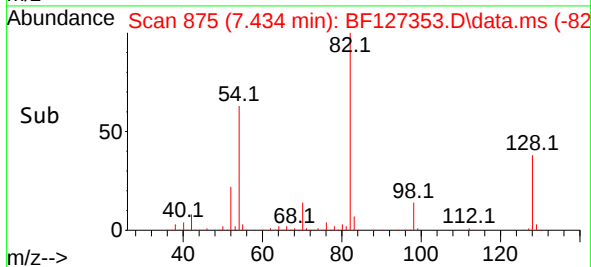
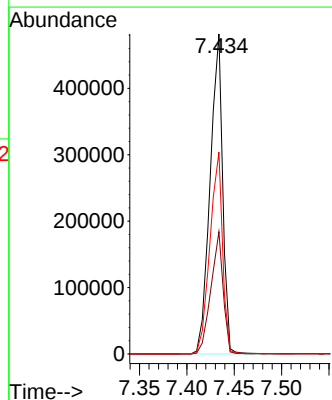
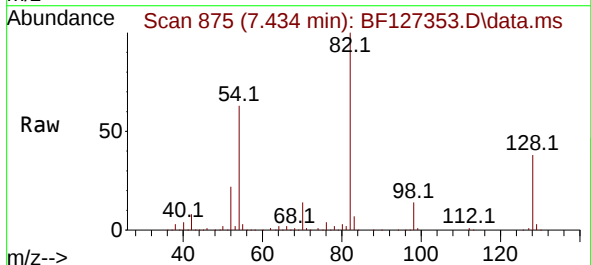
Instrument :
BNA_F
ClientSampleId :
DB-8-(30-35)-3-12-22

Tgt Ion:136 Resp: 217375
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 11.8 7.8 11.6#
68 6.5 6.3 9.5



#23
Nitrobenzene-d5
Concen: 84.348 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127353.D
Acq: 16 Mar 2022 18:01

Tgt Ion: 82 Resp: 443970
Ion Ratio Lower Upper
82 100
128 38.2 32.7 49.1
54 63.0 41.7 62.5#

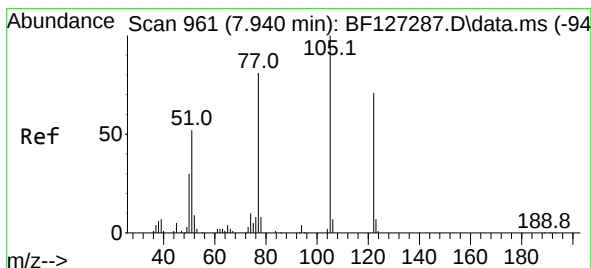
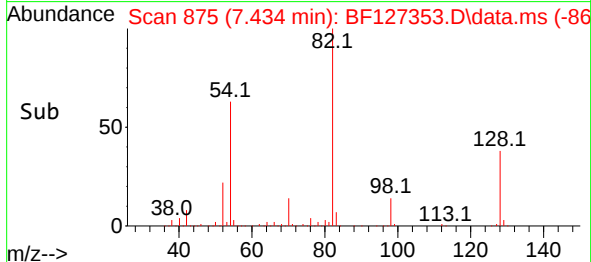
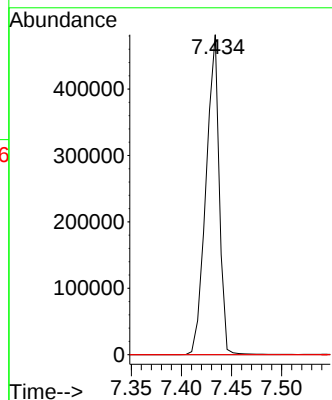
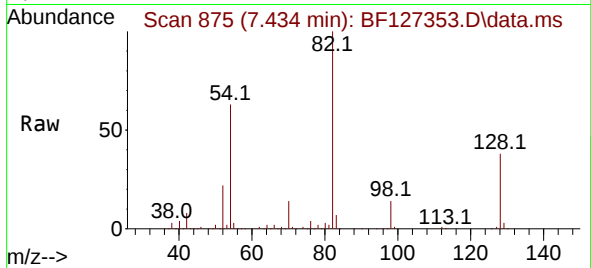




#25
Isophorone
Concen: 52.456 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127353.D
Acq: 16 Mar 2022 18:01

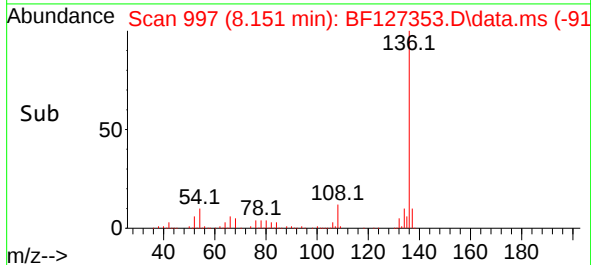
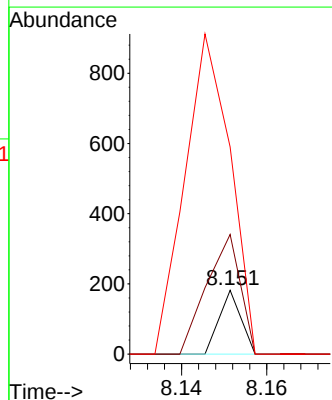
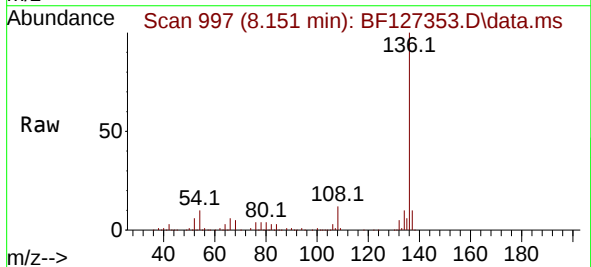
Instrument :
BNA_F
ClientSampleId :
DB-8-(30-35)-3-12-22

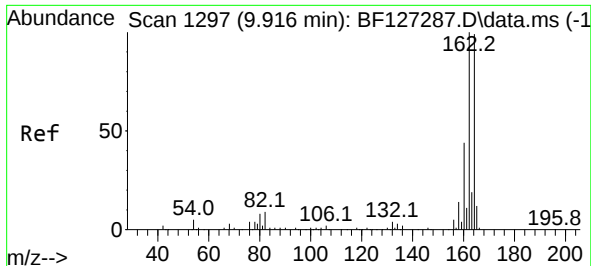
Tgt Ion: 82 Resp: 443966
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 6.649 ng
RT: 8.151 min Scan# 997
Delta R.T. 0.211 min
Lab File: BF127353.D
Acq: 16 Mar 2022 18:01

Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 187.4 101.0 141.0#
77 324.2 74.5 114.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127353.D

Acq: 16 Mar 2022 18:01

Instrument :

BNA_F

ClientSampleId :

DB-8-(30-35)-3-12-22

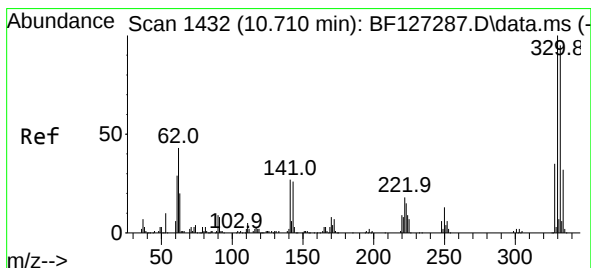
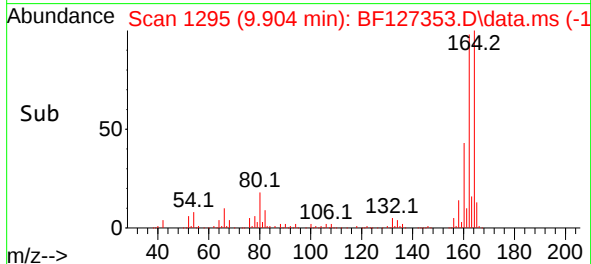
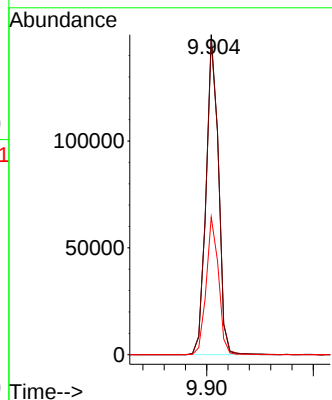
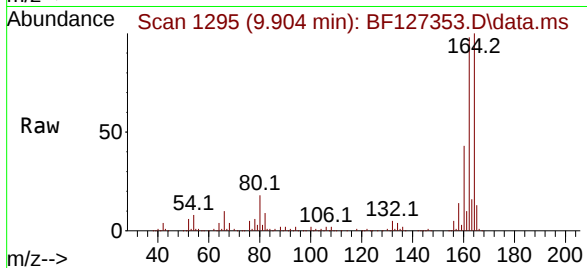
Tgt Ion:164 Resp: 120773

Ion Ratio Lower Upper

164 100

162 98.0 81.4 122.0

160 43.0 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 138.422 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF127353.D

Acq: 16 Mar 2022 18:01

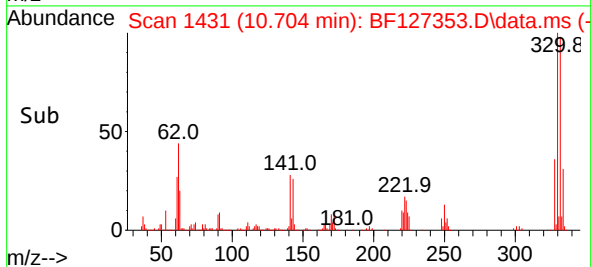
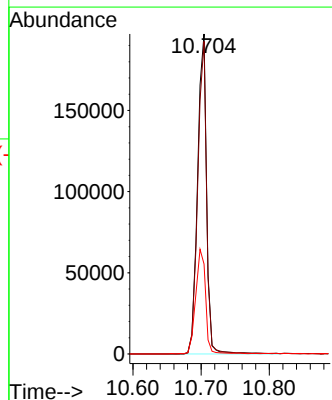
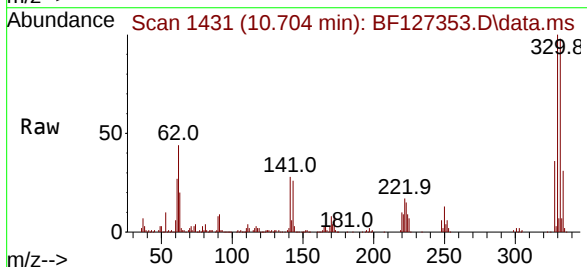
Tgt Ion:330 Resp: 179964

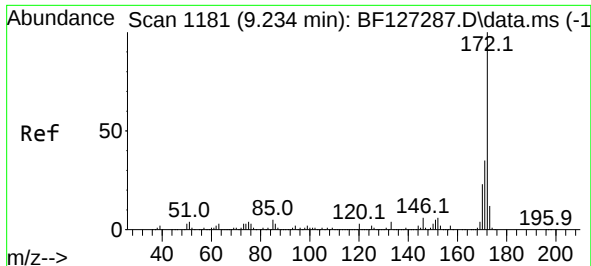
Ion Ratio Lower Upper

330 100

332 95.7 76.0 114.0

141 36.0 30.1 45.1

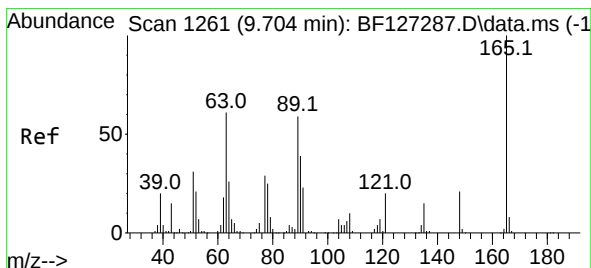
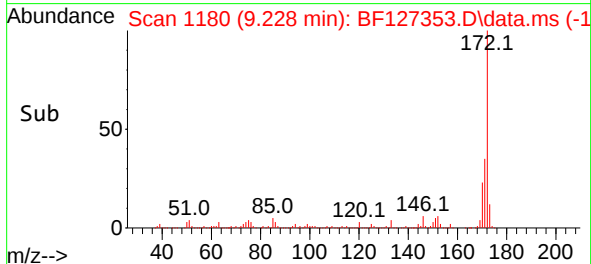
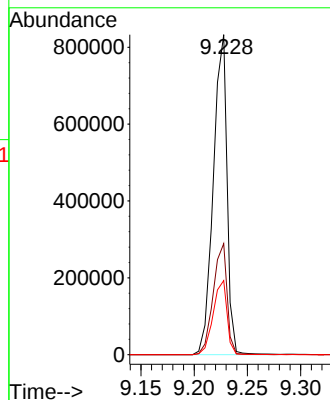
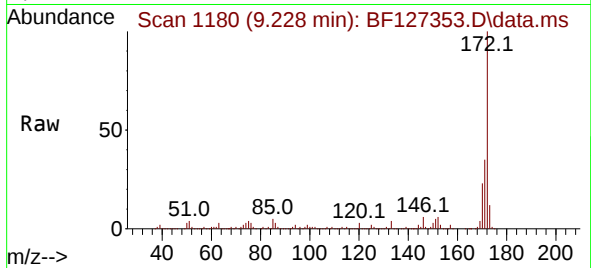




#45
2-Fluorobiphenyl
Concen: 87.382 ng
RT: 9.228 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127353.D
Acq: 16 Mar 2022 18:01

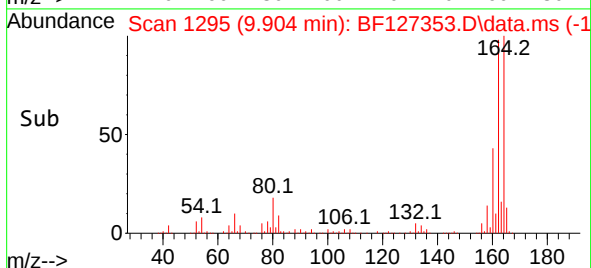
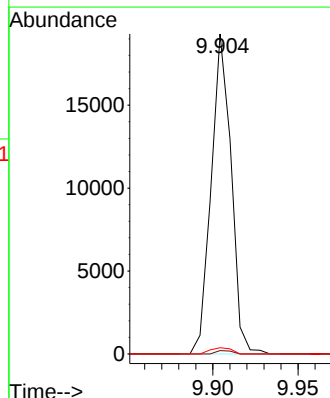
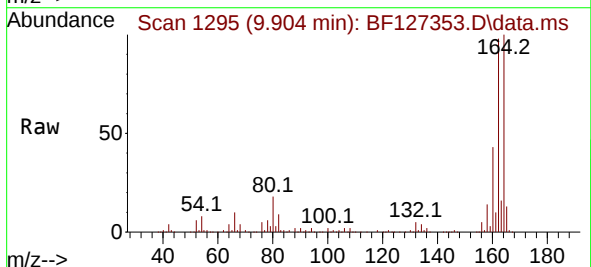
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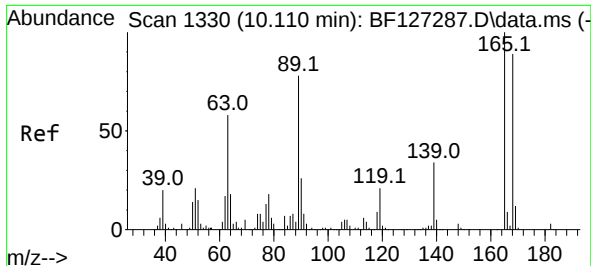
Tgt Ion:172 Resp: 746460
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.1 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.991 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127353.D
Acq: 16 Mar 2022 18:01

Tgt Ion:165 Resp: 15740
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 2.0 50.5 75.7#

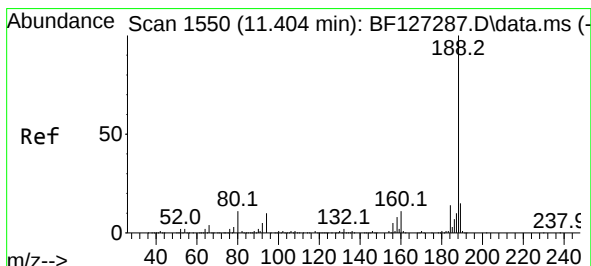
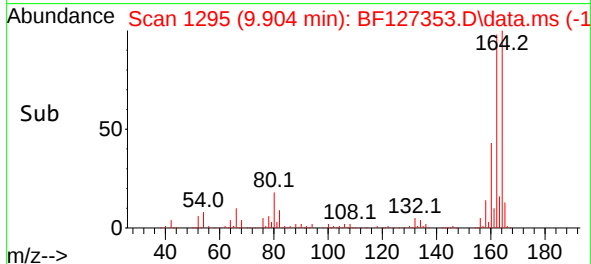
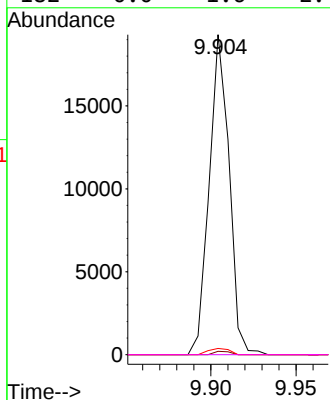
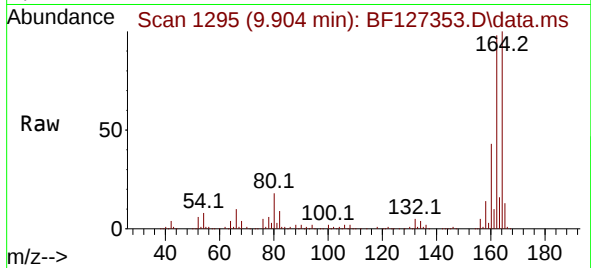




#57
2,4-Dinitrotoluene
Concen: 6.834 ng
RT: 9.904 min Scan# 1549
Delta R.T. -0.206 min
Lab File: BF127353.D
Acq: 16 Mar 2022 18:01

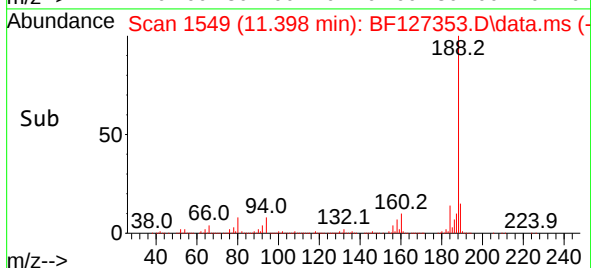
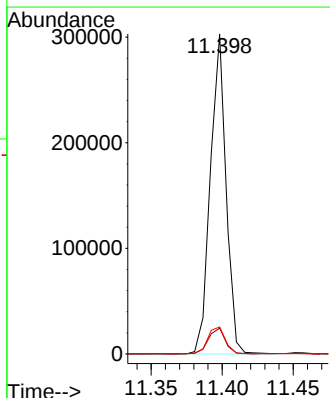
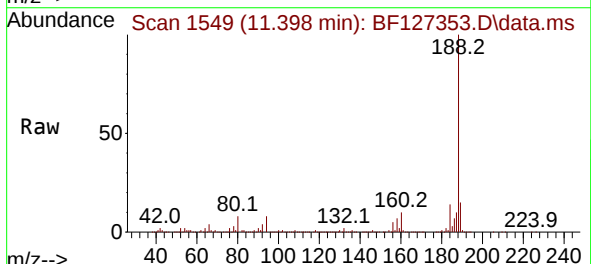
Instrument :
BNA_F
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DB-8-(30-35)-3-12-22

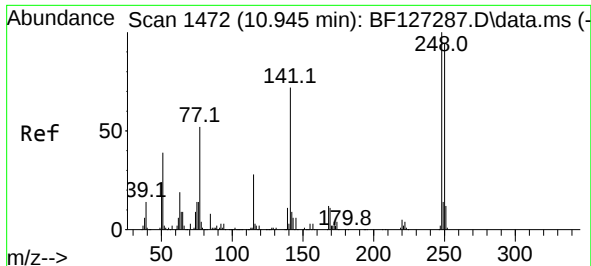
Tgt Ion:165	Resp:	15740
Ion Ratio	Lower	Upper
165	100	
63	1.1	43.0 64.6#
89	2.0	71.0 106.4#
182	0.0	1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127353.D
Acq: 16 Mar 2022 18:01

Tgt Ion:188	Resp:	232902
Ion Ratio	Lower	Upper
188	100	
94	8.1	10.1 15.1#
80	8.5	11.8 17.6#

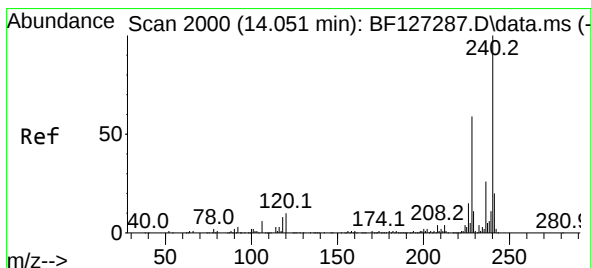
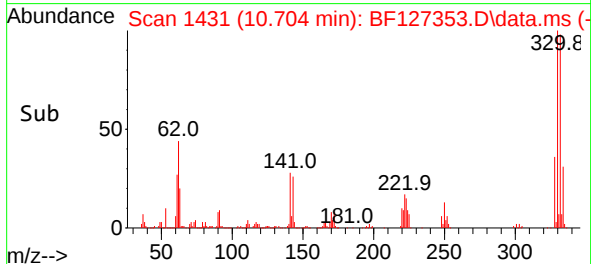
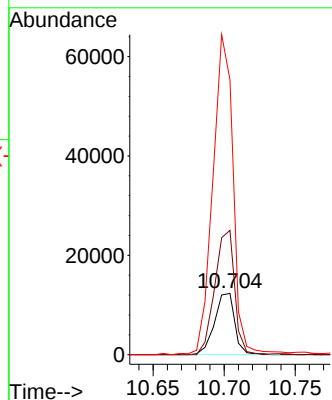
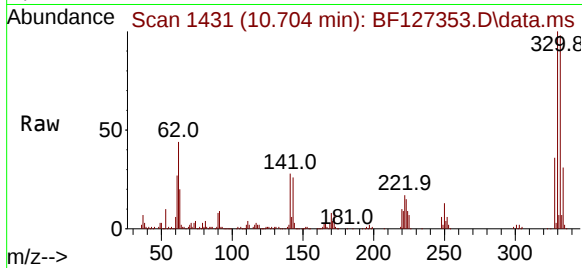




#67
4-Bromophenyl-phenylether
Concen: 4.354 ng
RT: 10.704 min Scan# 1472
Delta R.T. -0.241 min
Lab File: BF127353.D
Acq: 16 Mar 2022 18:01

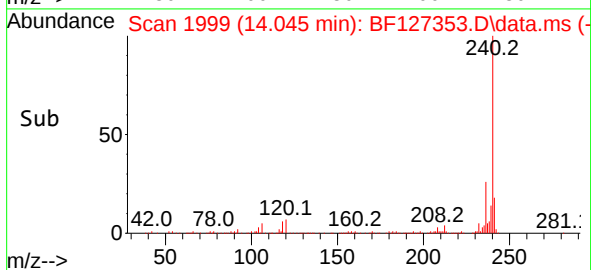
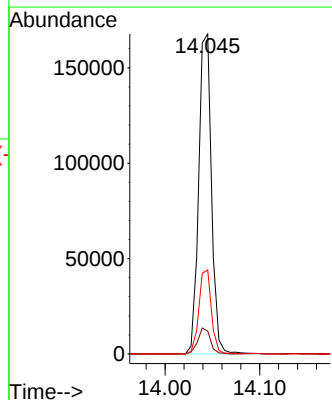
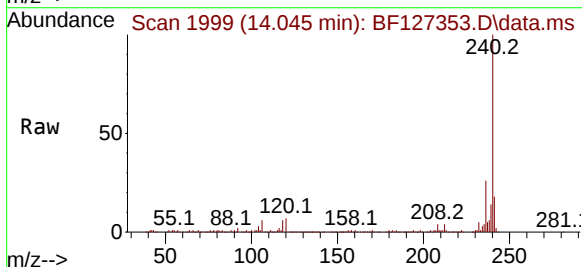
Instrument :
BNA_F
ClientSampleId :
DB-8-(30-35)-3-12-22

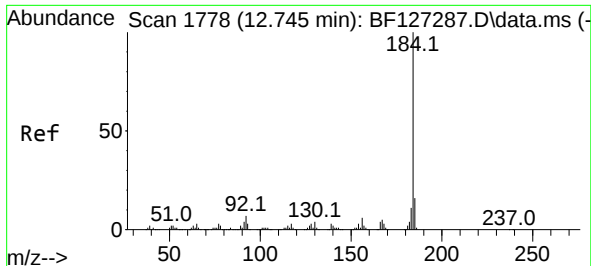
Tgt Ion:248 Resp: 12223
Ion Ratio Lower Upper
248 100
250 202.8 76.2 114.4#
141 448.5 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127353.D
Acq: 16 Mar 2022 18:01

Tgt Ion:240 Resp: 158583
Ion Ratio Lower Upper
240 100
120 7.2 14.4 21.6#
236 26.2 20.5 30.7

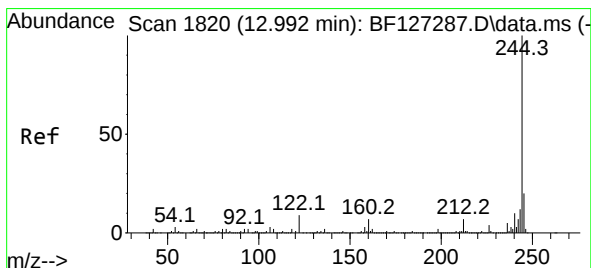
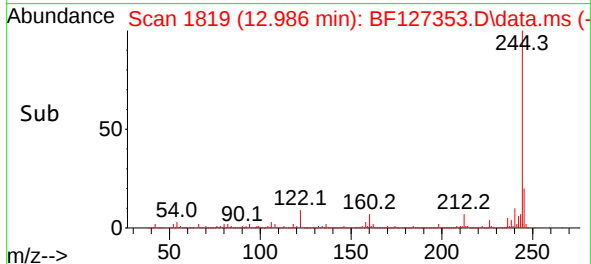
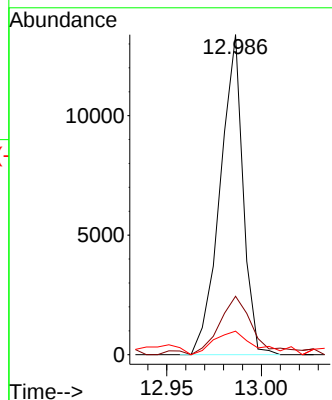
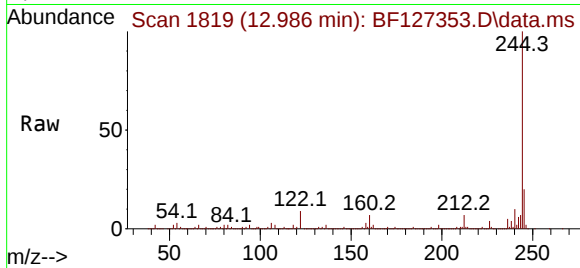




#77
Benzidine
Concen: 2.788 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.241 min
Lab File: BF127353.D
Acq: 16 Mar 2022 18:01

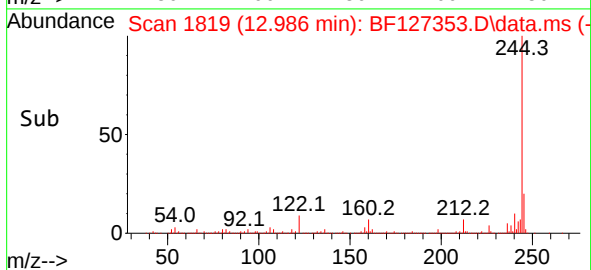
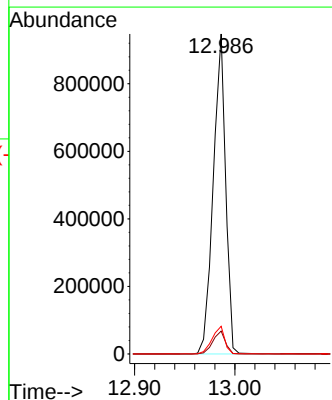
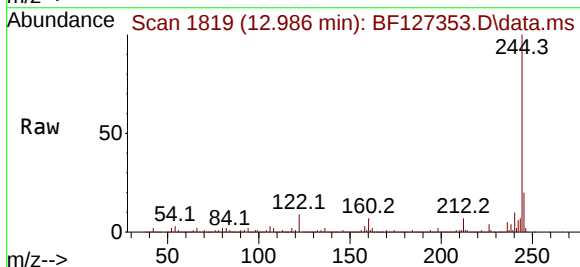
Instrument :
BNA_F
ClientSampleId :
DB-8-(30-35)-3-12-22

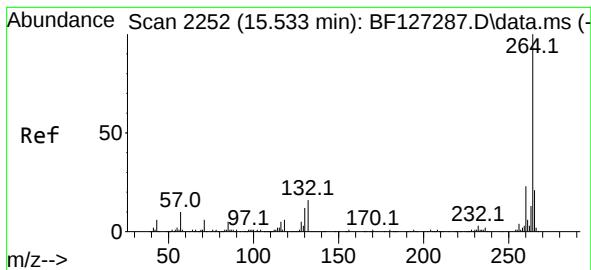
Tgt Ion:184 Resp: 11244
Ion Ratio Lower Upper
184 100
185 18.2 11.8 17.8#
183 7.4 8.2 12.2#



#79
Terphenyl-d14
Concen: 88.521 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF127353.D
Acq: 16 Mar 2022 18:01

Tgt Ion:244 Resp: 815232
Ion Ratio Lower Upper
244 100
212 7.1 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: BF127353.D
 Acq: 16 Mar 2022 18:01

Instrument :
 BNA_F
 ClientSampleId :
 DB-8-(30-35)-3-12-22

Tgt Ion:264 Resp: 132883

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	19.6	17.4	26.2

