

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126544.D
 Acq On : 7 Jan 2022 16:21
 Operator : JU/CG
 Sample : N1065-34
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMI-9

Quant Time: Jan 08 04:38:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

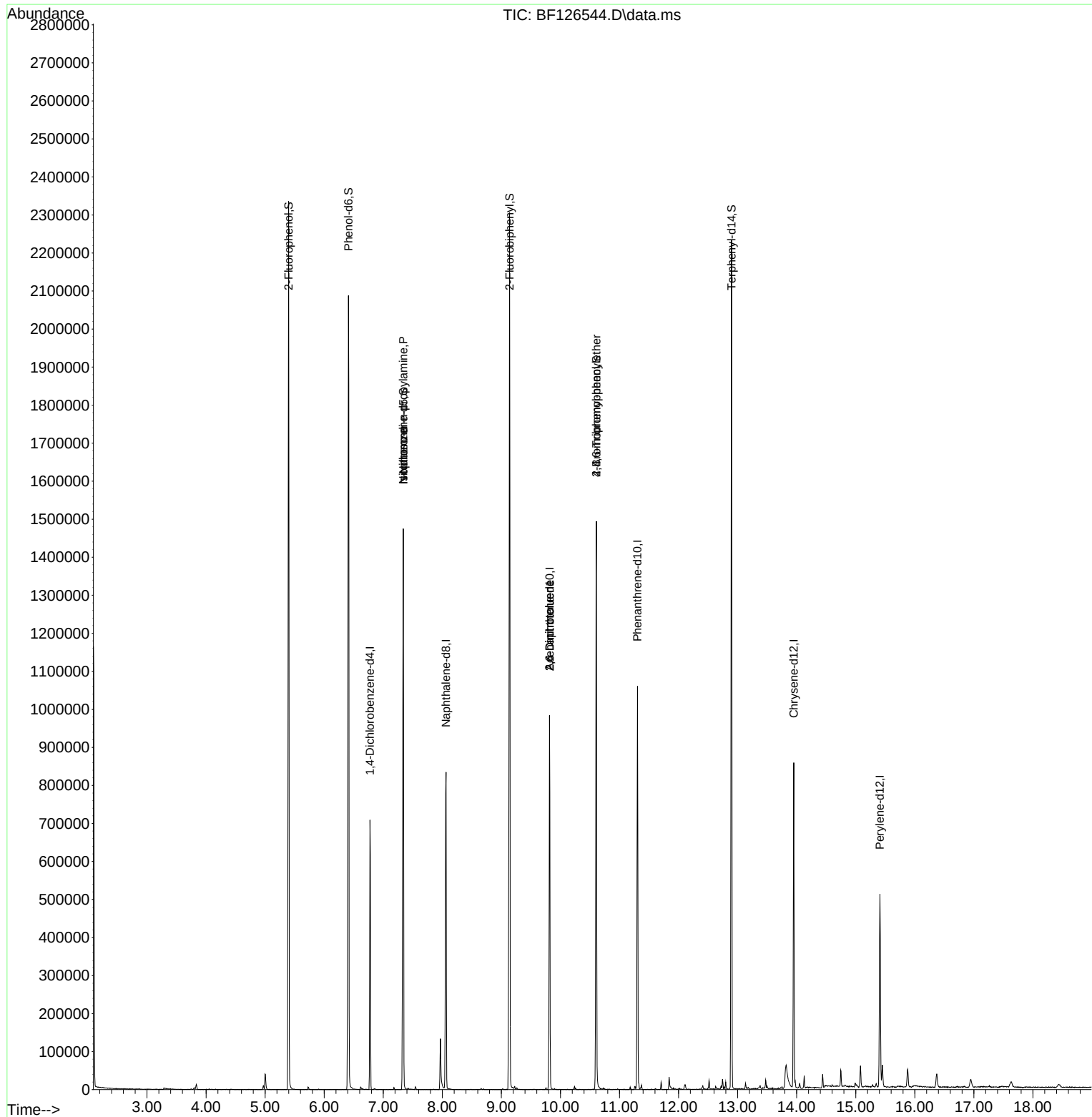
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	106490	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	453360	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	219293	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	370494	20.000	ng	0.00
76) Chrysene-d12	13.951	240	276289	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	226951	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	691149	93.204	ng	0.00
7) Phenol-d6	6.410	99	887513	92.406	ng	-0.01
23) Nitrobenzene-d5	7.339	82	570369	64.598	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	199465	117.708	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	822327	65.988	ng	-0.01
79) Terphenyl-d14	12.898	244	766927	53.932	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	71499	13.046	ng	# 82
25) Isophorone	7.339	82	563956	35.680	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	28019	9.477	ng	# 21
57) 2,4-Dinitrotoluene	9.816	165	28019	7.346	ng	# 15
67) 4-Bromophenyl-phenylether	10.610	248	10203	3.103	ng	# 1
77) Benzidine	12.898	184	9593	Below Cal		97

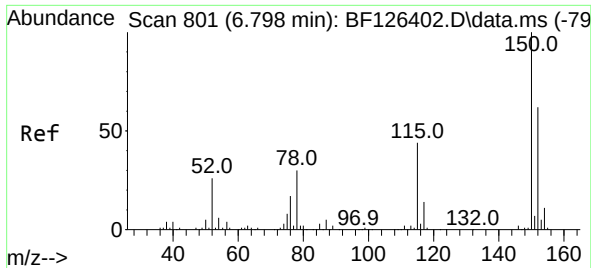
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 08 04:38:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

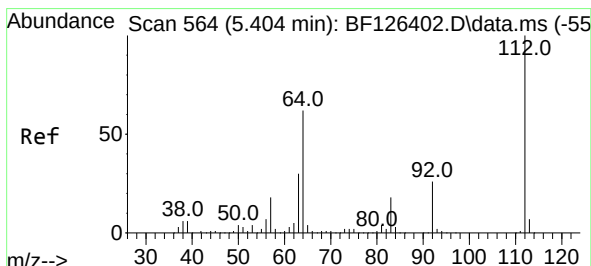
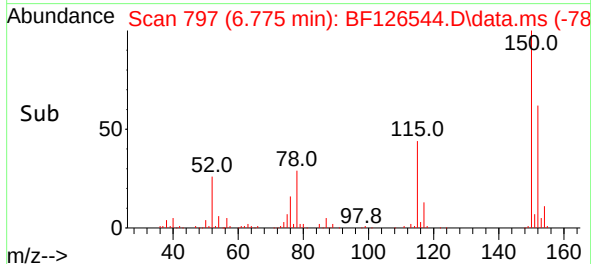
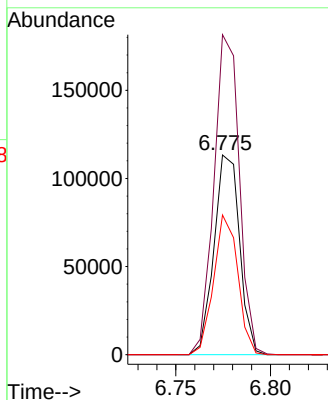
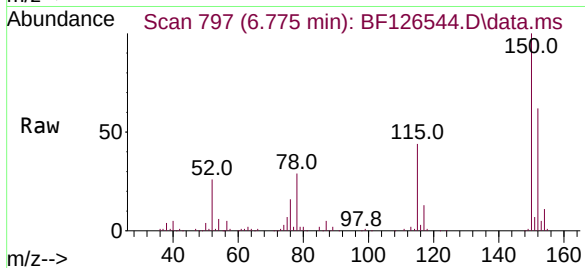




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

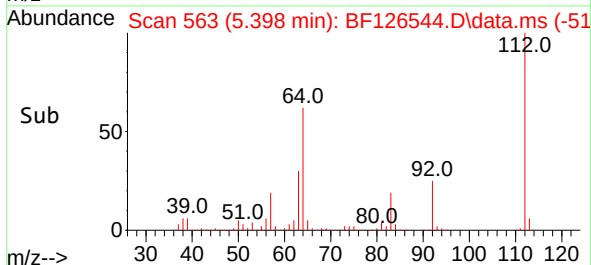
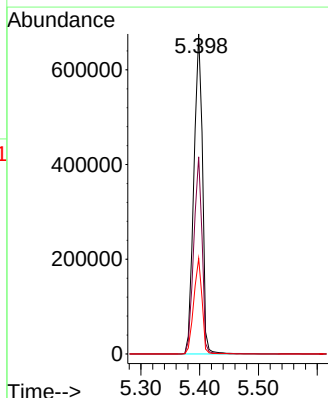
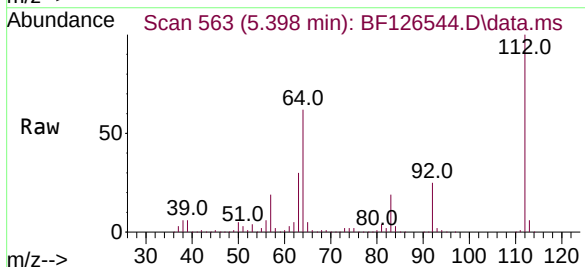
Instrument :
BNA_F
ClientSampleId :
AMI-9

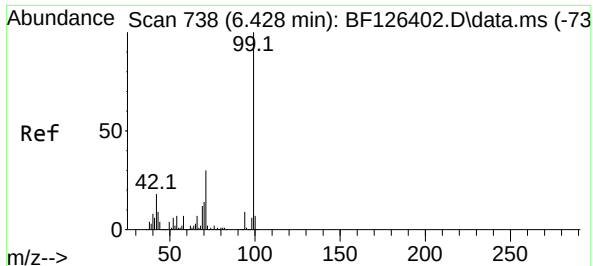
Tgt Ion:152 Resp: 106490
Ion Ratio Lower Upper
152 100
150 160.2 128.1 192.1
115 69.9 56.7 85.1



#5
2-Fluorophenol
Concen: 93.204 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

Tgt Ion:112 Resp: 691149
Ion Ratio Lower Upper
112 100
64 61.6 49.5 74.3
63 29.9 23.9 35.9

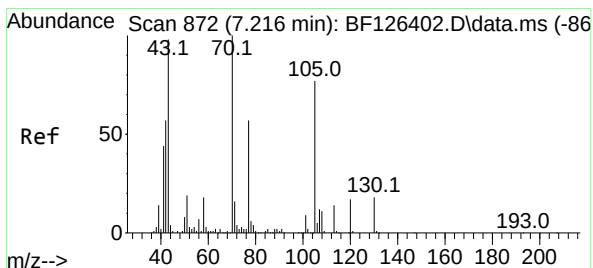
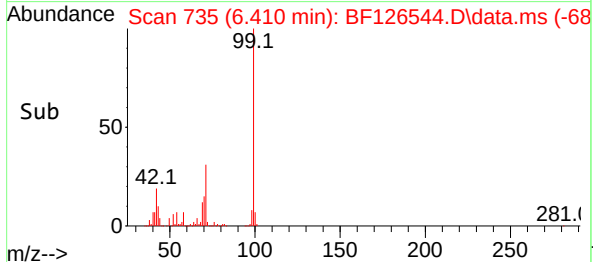
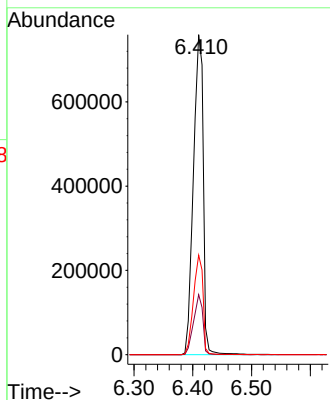
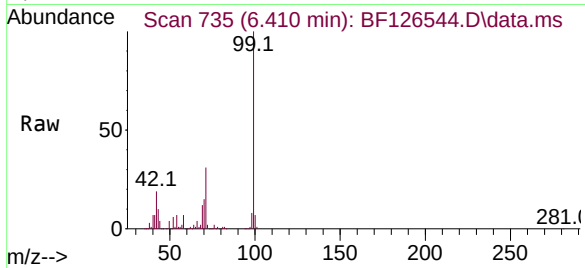




#7
Phenol-d6
Concen: 92.406 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

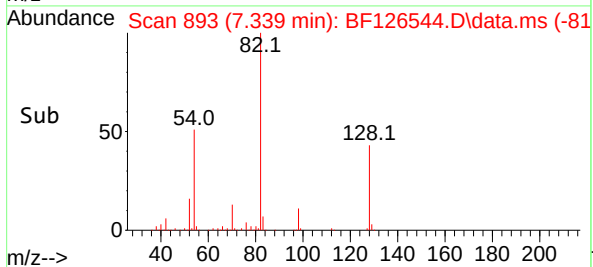
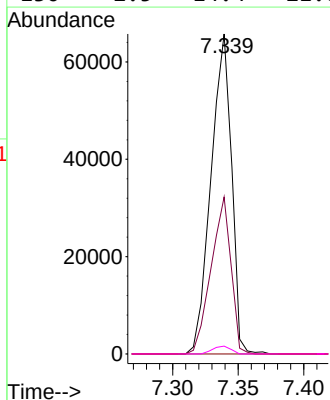
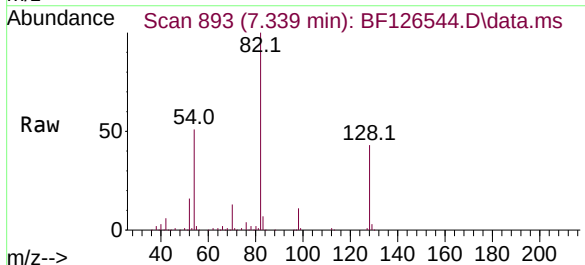
Instrument :
BNA_F
ClientSampleId :
AMI-9

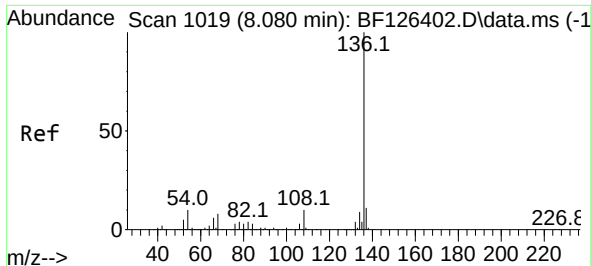
Tgt Ion: 99 Resp: 887513
Ion Ratio Lower Upper
99 100
42 18.8 14.2 21.4
71 31.1 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.046 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

Tgt Ion: 70 Resp: 71499
Ion Ratio Lower Upper
70 100
42 49.1 45.8 68.8
101 0.0 6.9 10.3#
130 2.5 14.4 21.6#

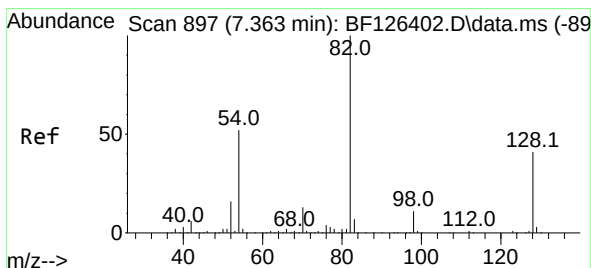
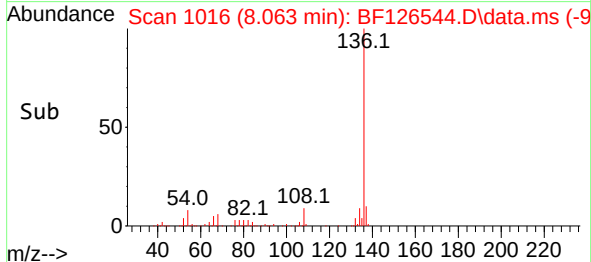
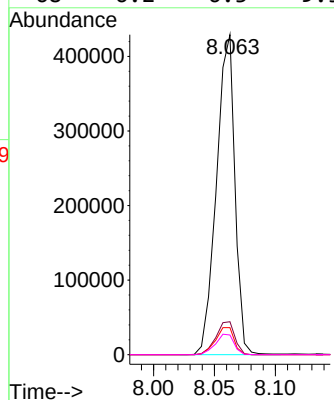
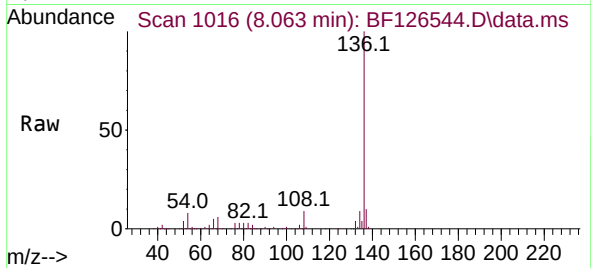




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

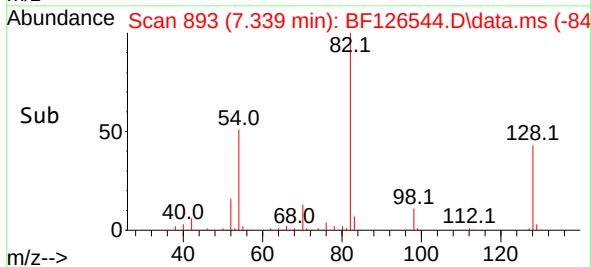
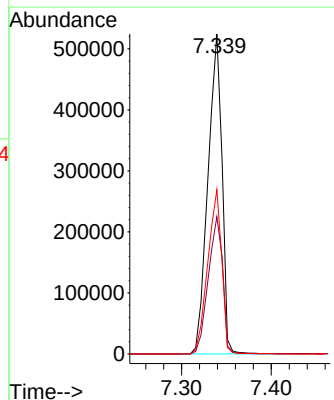
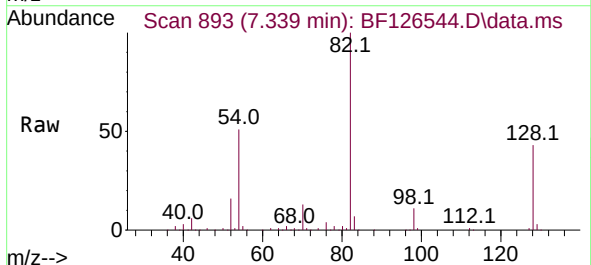
Instrument :
BNA_F
ClientSampleId :
AMI-9

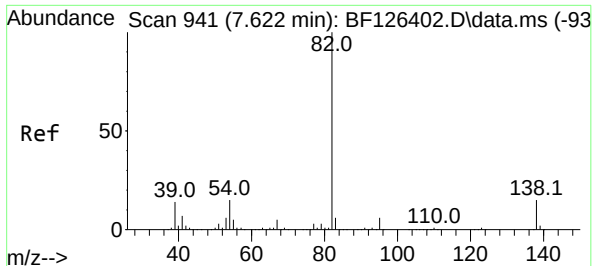
Tgt Ion:136 Resp: 453360
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.5 7.8 11.6
68 6.2 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 64.598 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

Tgt Ion: 82 Resp: 570369
Ion Ratio Lower Upper
82 100
128 42.9 32.7 49.1
54 51.3 41.7 62.5

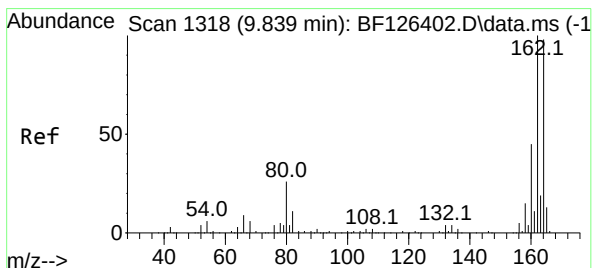
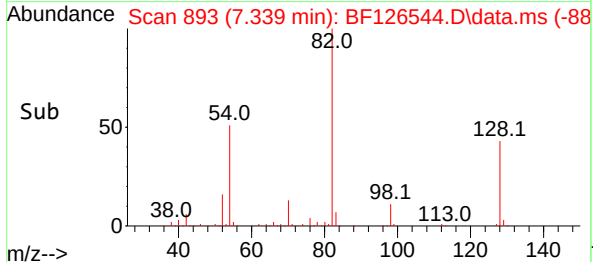
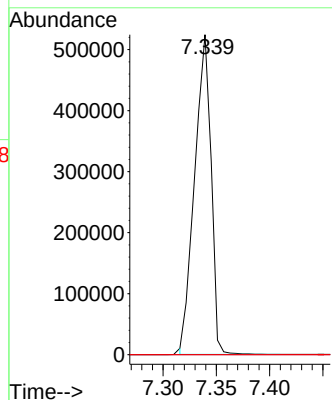
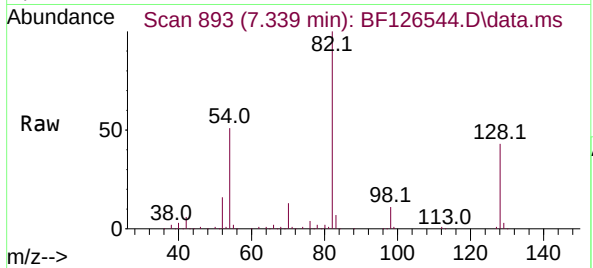




#25
Isophorone
Concen: 35.680 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.271 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

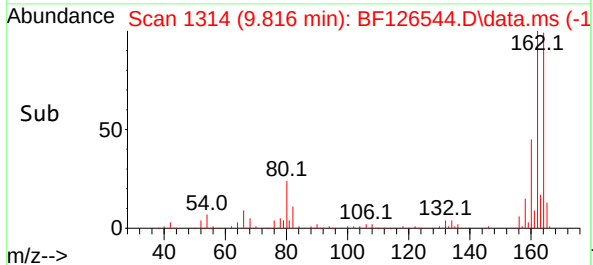
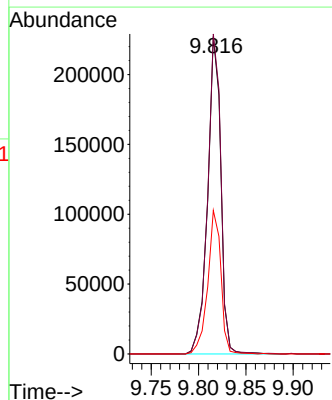
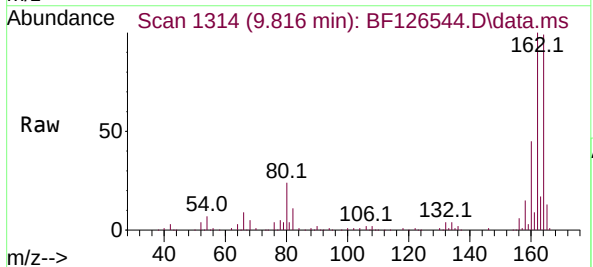
Instrument :
BNA_F
ClientSampleId :
AMI-9

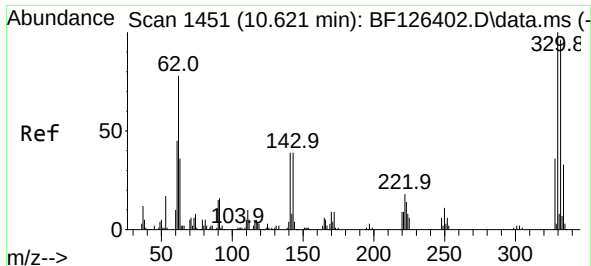
Tgt Ion: 82 Resp: 563956
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

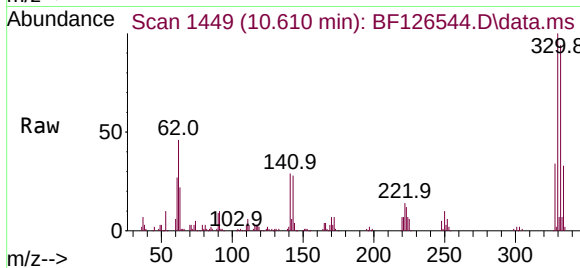
Tgt Ion: 164 Resp: 219293
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 45.2 36.6 54.8



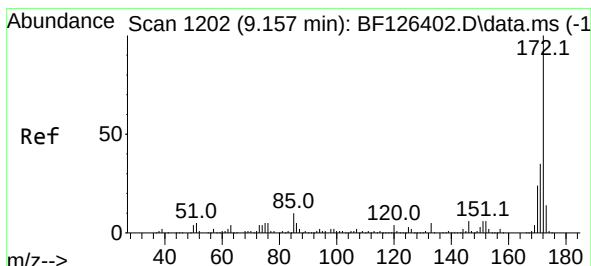
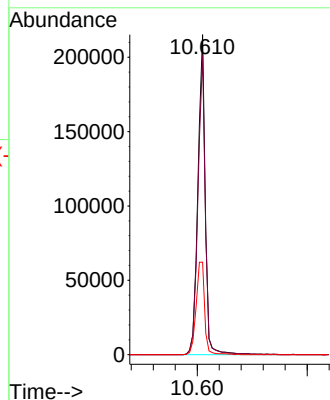
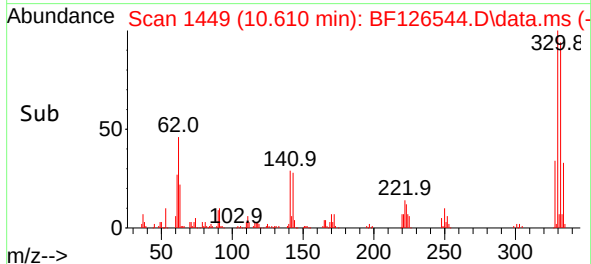


#42
2,4,6-Tribromophenol
Concen: 117.708 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

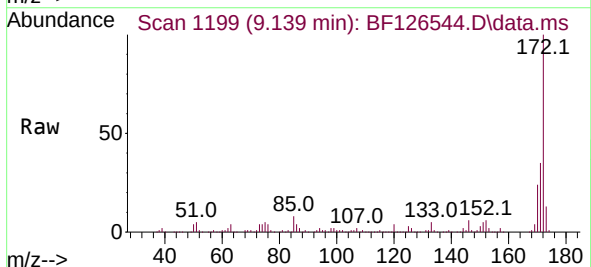
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ClientSampleId :
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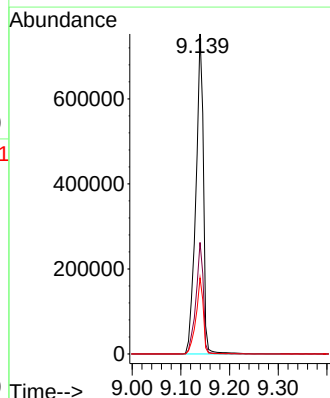
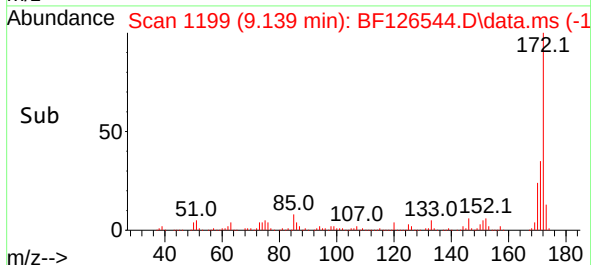
Tgt Ion:330 Resp: 199465
Ion Ratio Lower Upper
330 100
332 94.2 76.0 114.0
141 33.5 30.1 45.1

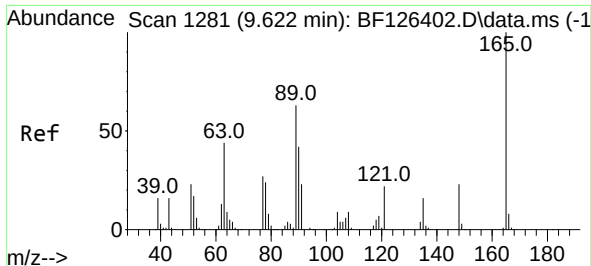


#45
2-Fluorobiphenyl
Concen: 65.988 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21



Tgt Ion:172 Resp: 822327
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.8 19.0 28.6

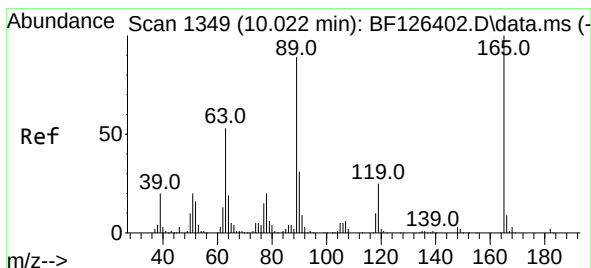
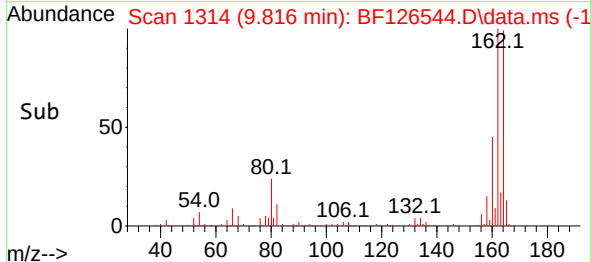
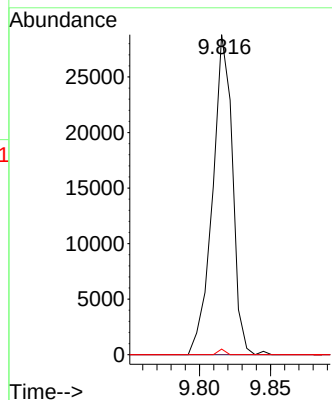
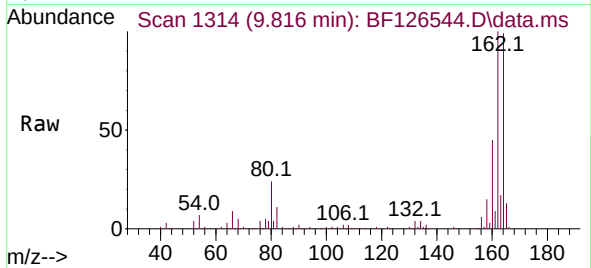




#51
2,6-Dinitrotoluene
Concen: 9.477 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

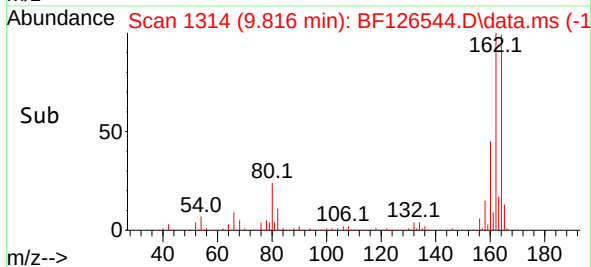
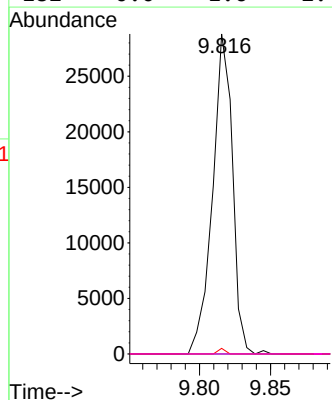
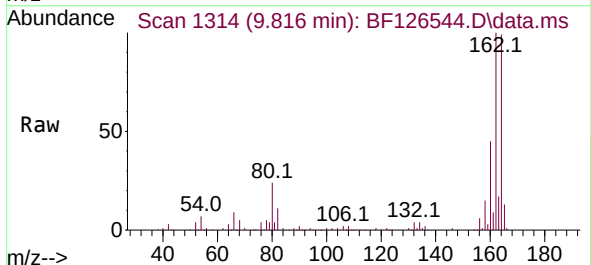
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AMI-9

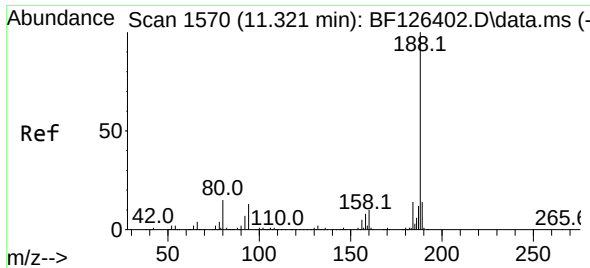
Tgt Ion:165 Resp: 28019
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 1.8 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.346 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

Tgt Ion:165 Resp: 28019
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#

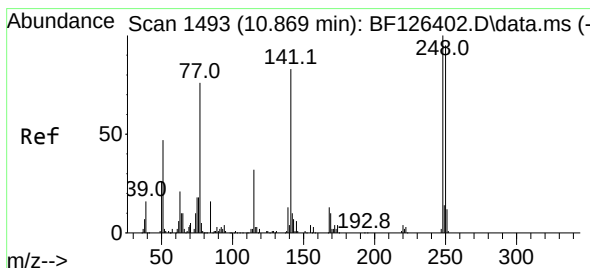
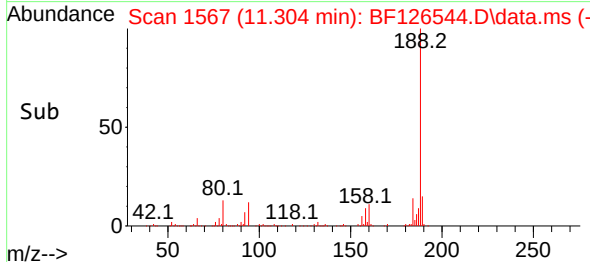
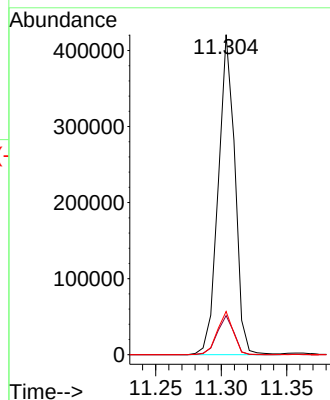
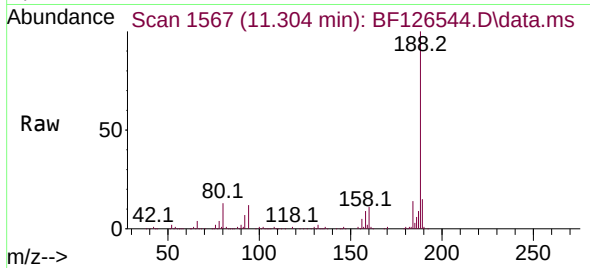




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

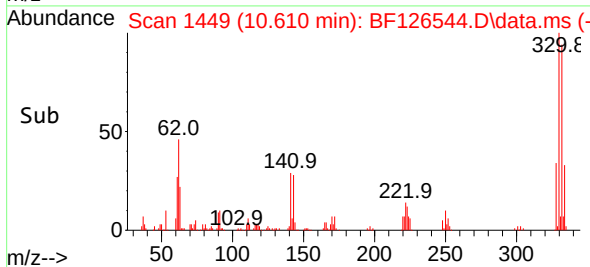
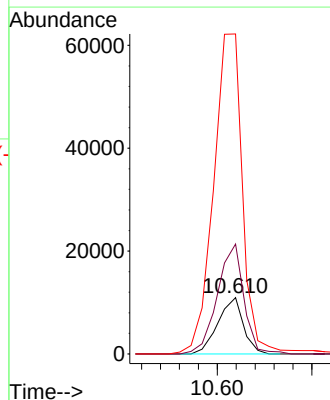
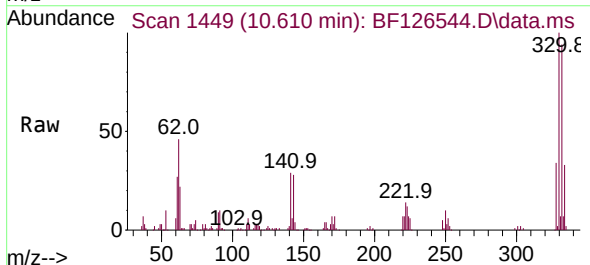
Instrument :
BNA_F
ClientSampleId :
AMI-9

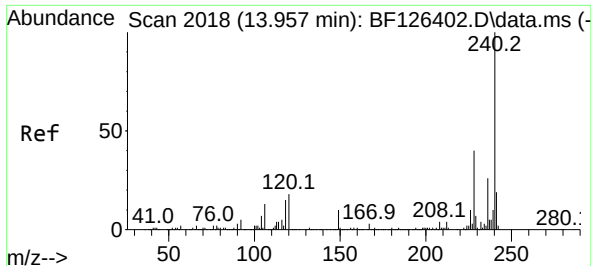
Tgt Ion:188 Resp: 370494
Ion Ratio Lower Upper
188 100
94 12.2 10.1 15.1
80 13.5 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.103 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

Tgt Ion:248 Resp: 10203
Ion Ratio Lower Upper
248 100
250 195.1 76.2 114.4#
141 567.6 66.2 99.4#

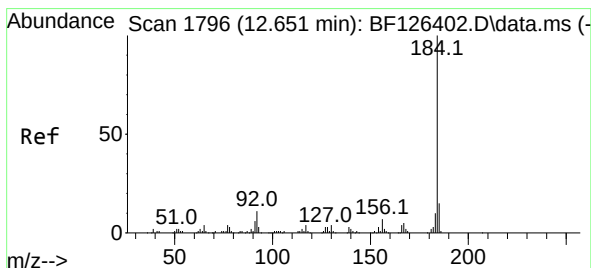
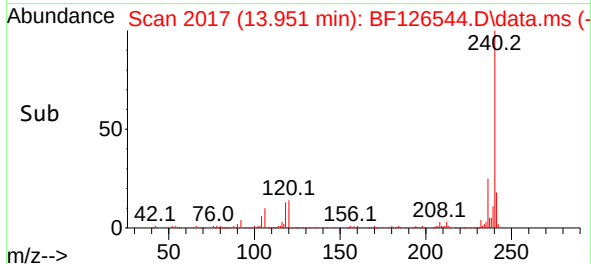
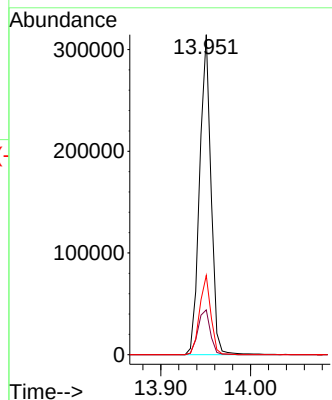
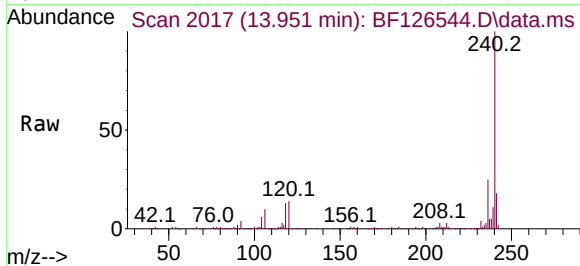




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

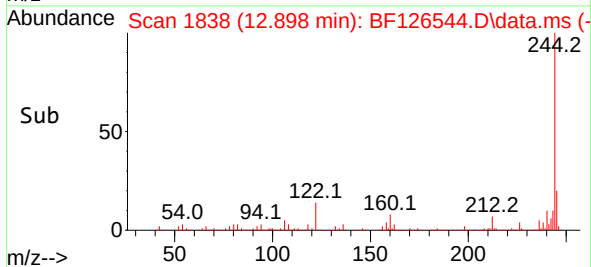
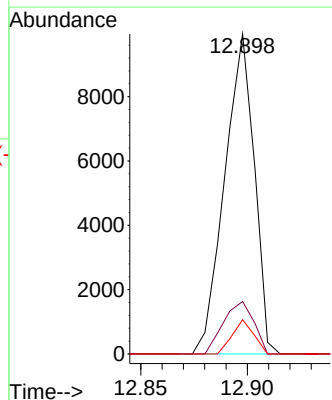
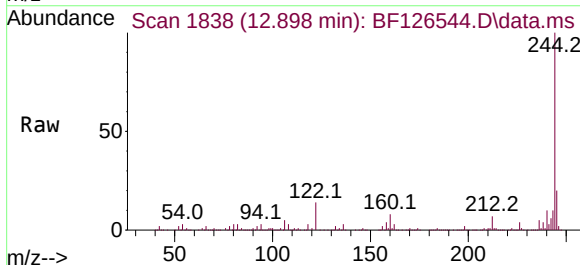
Instrument :
BNA_F
ClientSampleId :
AMI-9

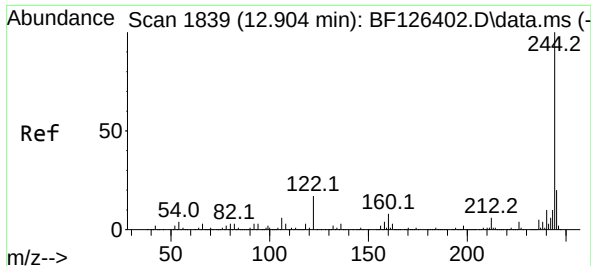
Tgt Ion:240 Resp: 276289
Ion Ratio Lower Upper
240 100
120 14.0 14.4 21.6#
236 24.8 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.898 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

Tgt Ion:184 Resp: 9593
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.8
183 10.7 8.2 12.2

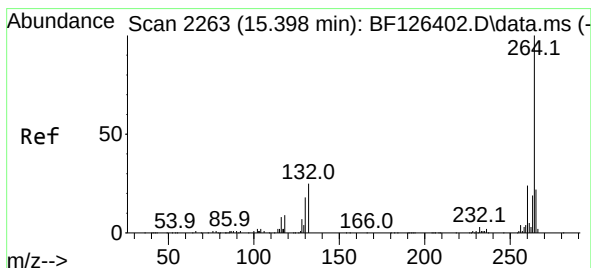
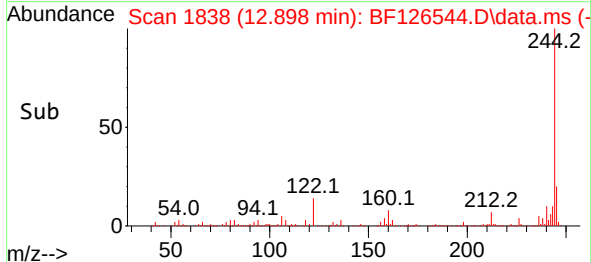
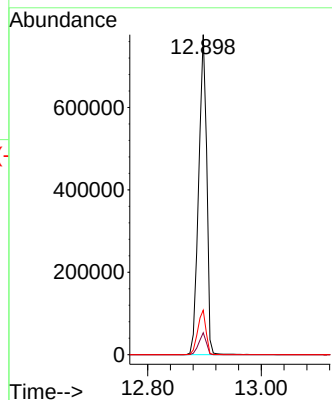
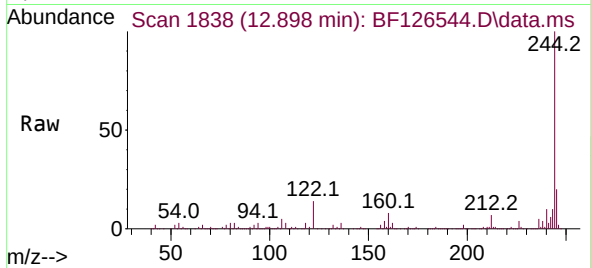




#79
 Terphenyl-d14
 Concen: 53.932 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: BF126544.D
 Acq: 7 Jan 2022 16:21

Instrument :
 BNA_F
 ClientSampleId :
 AMI-9

Tgt Ion:244 Resp: 766927
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 13.9 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.023 min
 Lab File: BF126544.D
 Acq: 7 Jan 2022 16:21

Tgt Ion:264 Resp: 226951
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 20.9 17.4 26.2

