

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127119.D
 Acq On : 01 Mar 2022 16:38
 Operator : CG\JU
 Sample : N1688-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-26

Quant Time: Mar 02 00:01:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

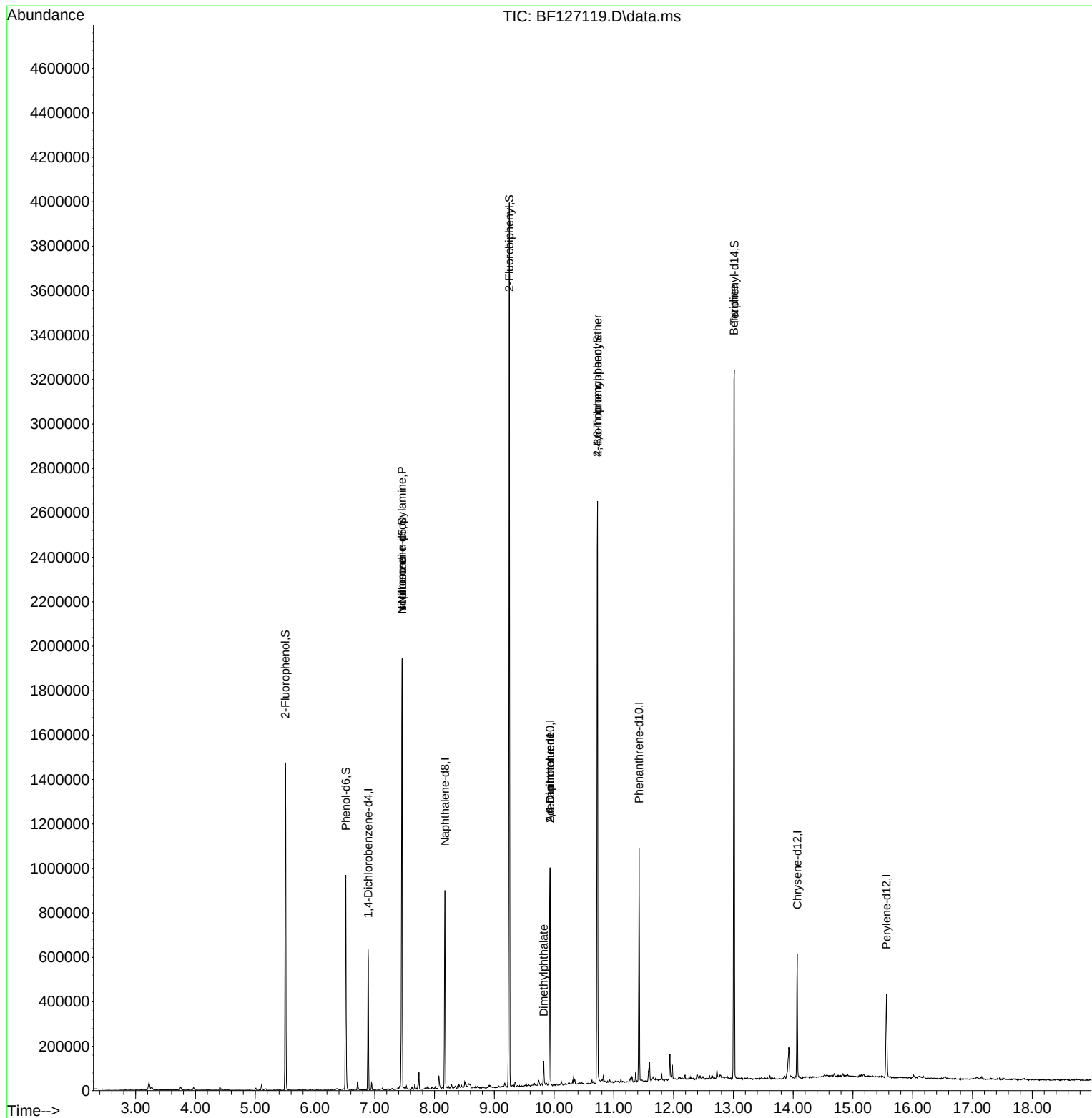
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	85679	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	341650	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	184378	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	327535	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	172128	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	151841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	354296	63.912	ng	0.00
7) Phenol-d6	6.516	99	305034	40.779	ng	0.00
23) Nitrobenzene-d5	7.457	82	614442	81.177	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	320144	150.808	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1043966	83.355	ng	0.00
79) Terphenyl-d14	13.016	244	1138608	97.242	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	84825	17.599	ng	# 77
25) Isophorone	7.457	82	612197	48.878	ng	# 69
50) Dimethylphthalate	9.828	163	29057	2.205	ng	# 97
51) 2,6-Dinitrotoluene	9.933	165	23951	8.932	ng	# 22
57) 2,4-Dinitrotoluene	9.933	165	23951	6.606	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	19178	5.241	ng	# 1
77) Benzidine	13.010	184	17637	3.770	ng	# 97

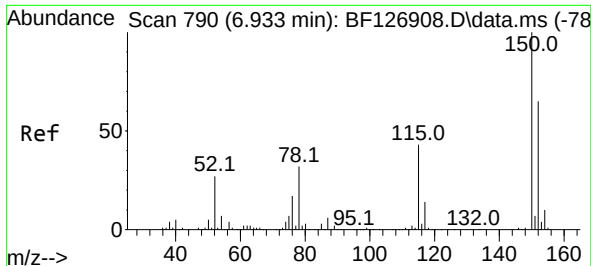
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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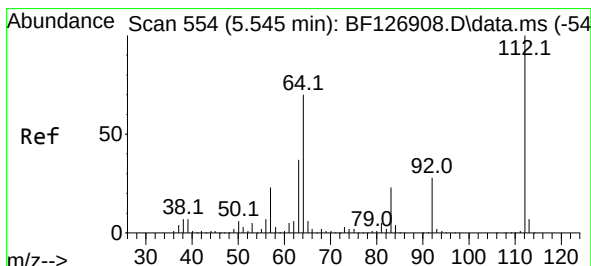
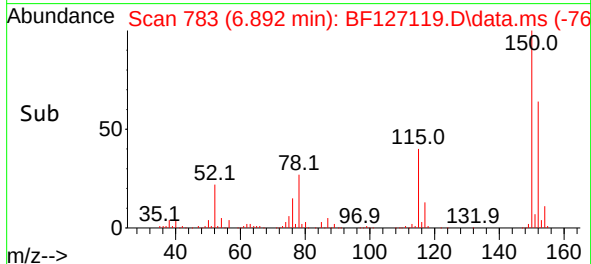
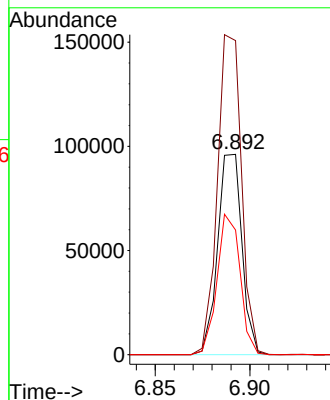
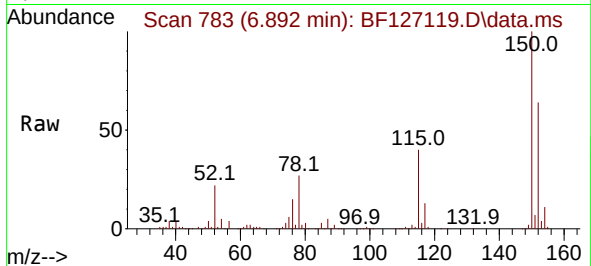




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF127119.D
Acq: 01 Mar 2022 16:38

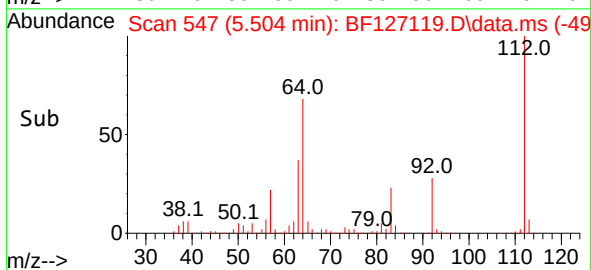
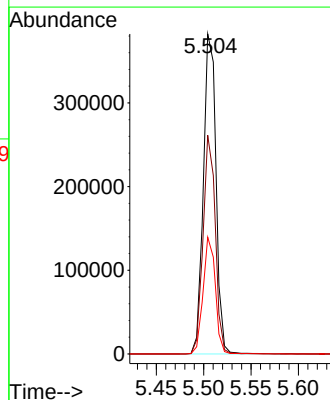
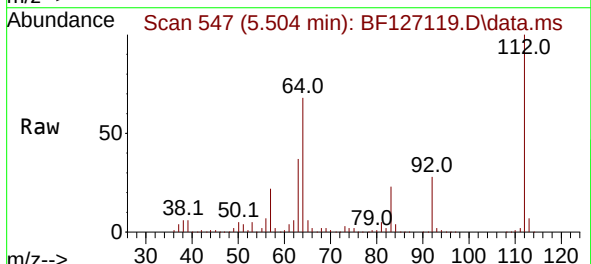
Instrument :
BNA_F
ClientSampleId :
MW-26

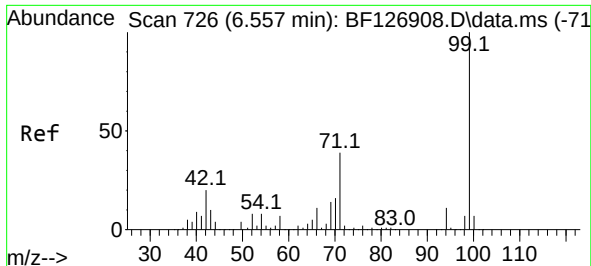
Tgt Ion:152 Resp: 85679
Ion Ratio Lower Upper
152 100
150 156.8 128.1 192.1
115 62.2 56.7 85.1



#5
2-Fluorophenol
Concen: 63.912 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF127119.D
Acq: 01 Mar 2022 16:38

Tgt Ion:112 Resp: 354296
Ion Ratio Lower Upper
112 100
64 68.4 49.5 74.3
63 36.5 23.9 35.9#

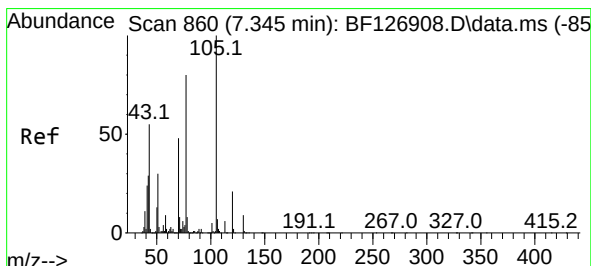
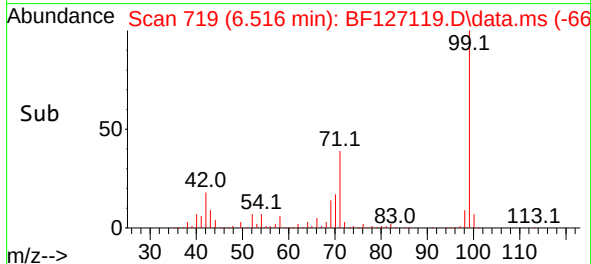
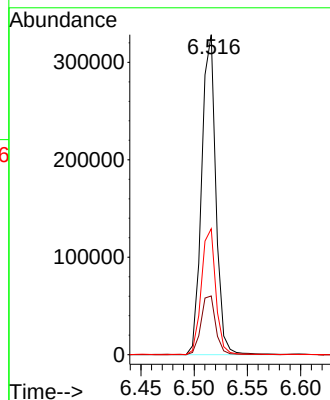
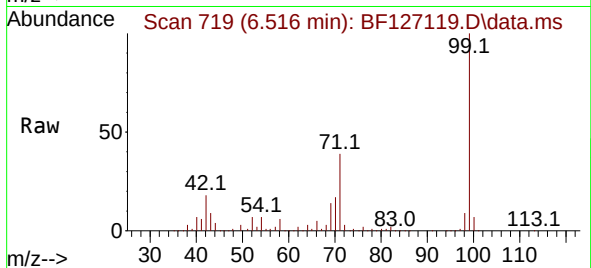




#7
Phenol-d6
Concen: 40.779 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127119.D
Acq: 01 Mar 2022 16:38

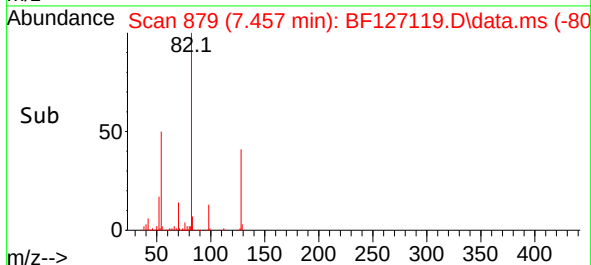
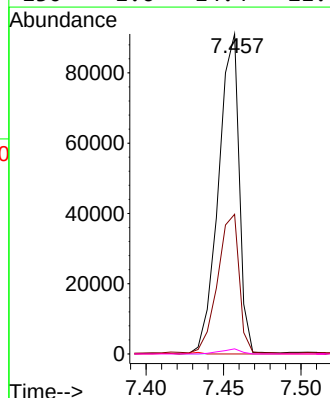
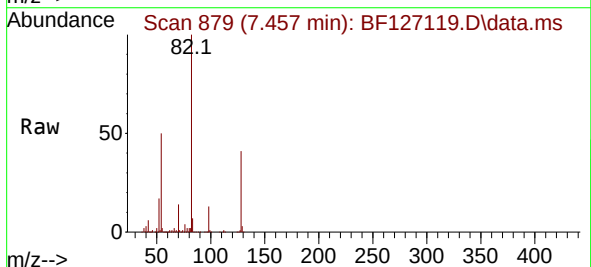
Instrument :
BNA_F
ClientSampleId :
MW-26

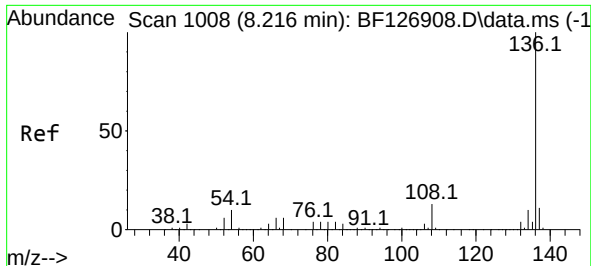
Tgt Ion: 99 Resp: 305034
Ion Ratio Lower Upper
99 100
42 18.3 14.2 21.4
71 39.3 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.599 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.153 min
Lab File: BF127119.D
Acq: 01 Mar 2022 16:38

Tgt Ion: 70 Resp: 84825
Ion Ratio Lower Upper
70 100
42 43.7 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#

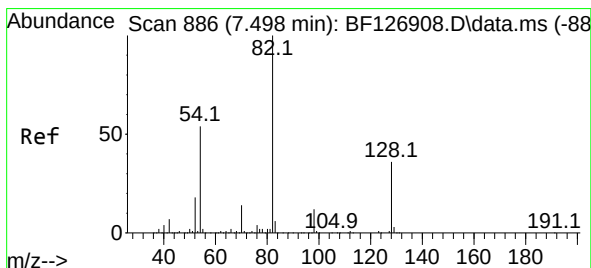
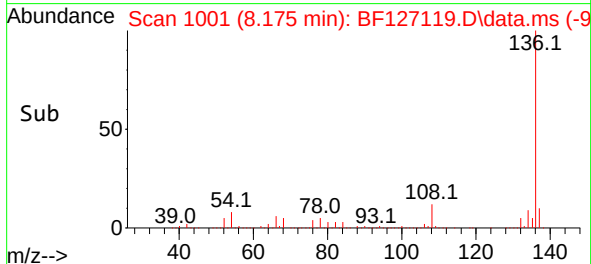
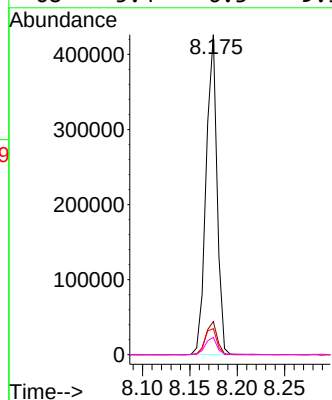
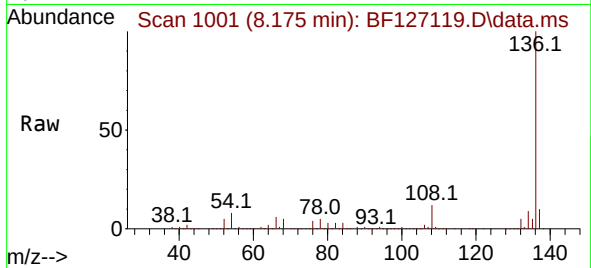




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF127119.D
Acq: 01 Mar 2022 16:38

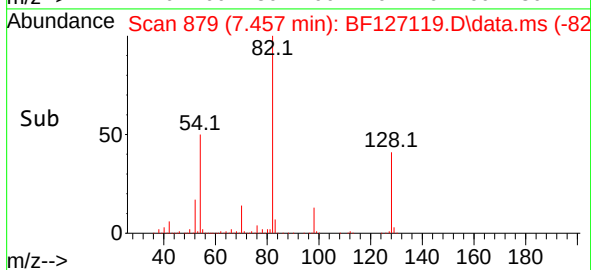
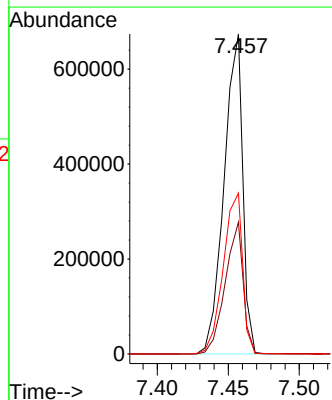
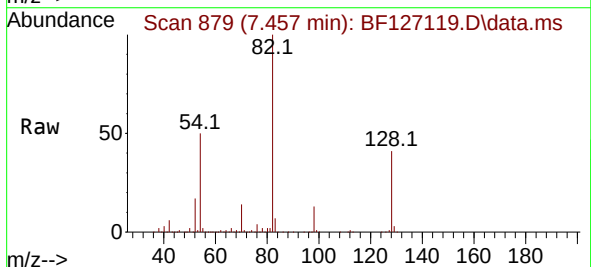
Instrument :
BNA_F
ClientSampleId :
MW-26

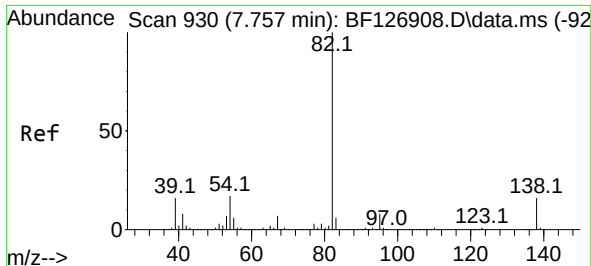
Tgt Ion:136 Resp: 341650
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.2 7.8 11.6
68 5.4 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 81.177 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127119.D
Acq: 01 Mar 2022 16:38

Tgt Ion: 82 Resp: 614442
Ion Ratio Lower Upper
82 100
128 41.2 32.7 49.1
54 50.2 41.7 62.5

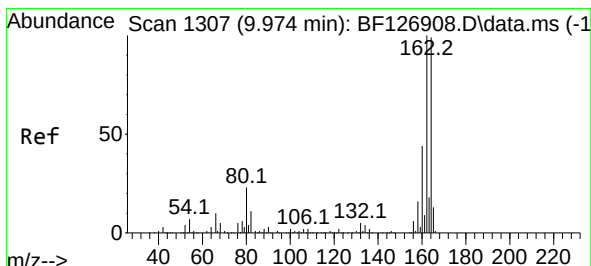
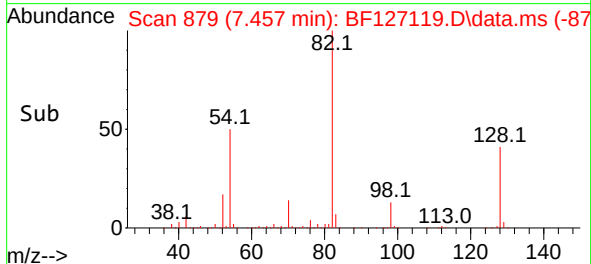
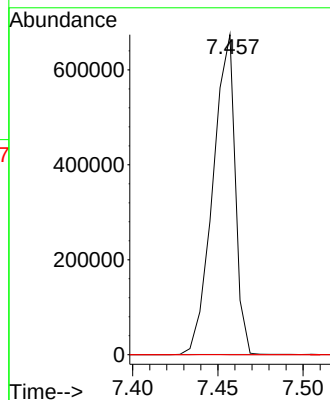
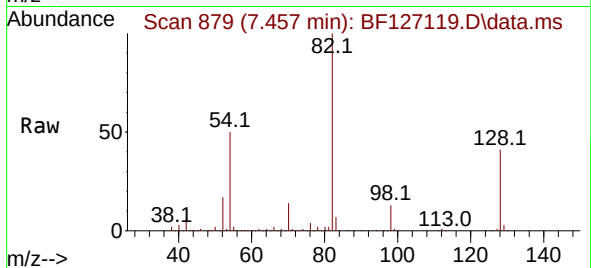




#25
Isophorone
Concen: 48.878 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127119.D
Acq: 01 Mar 2022 16:38

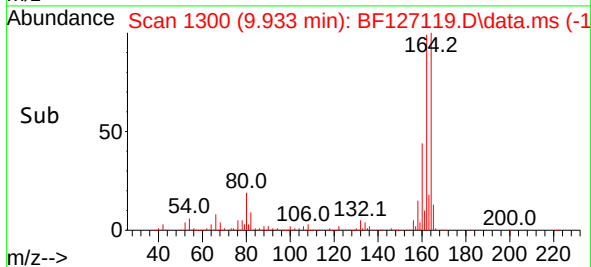
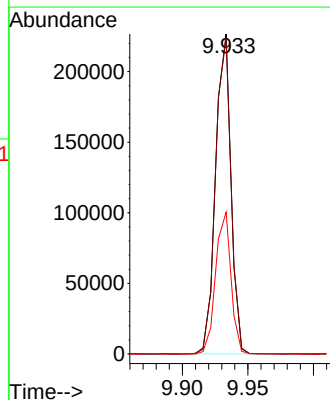
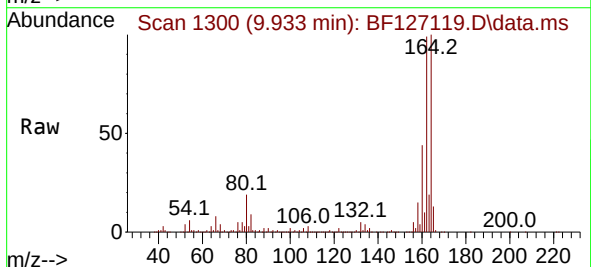
Instrument :
BNA_F
ClientSampleId :
MW-26

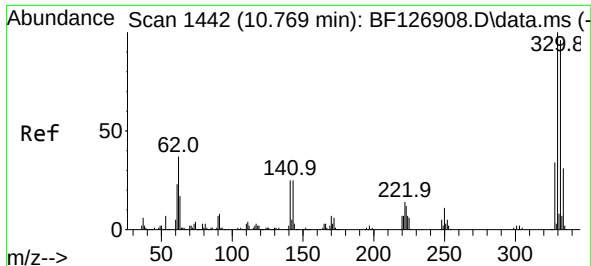
Tgt Ion: 82 Resp: 612197
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127119.D
Acq: 01 Mar 2022 16:38

Tgt Ion:164 Resp: 184378
Ion Ratio Lower Upper
164 100
162 98.7 81.4 122.0
160 44.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 150.808 ng

RT: 10.727 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127119.D

Acq: 01 Mar 2022 16:38

Instrument :

BNA_F

ClientSampleId :

MW-26

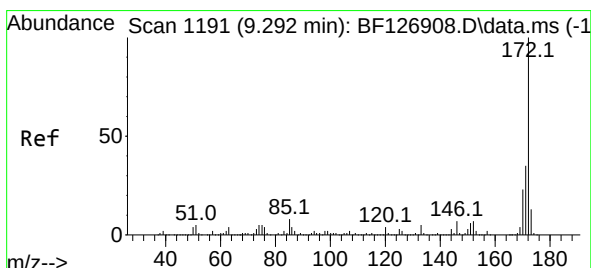
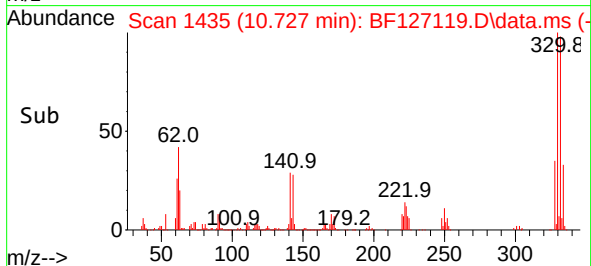
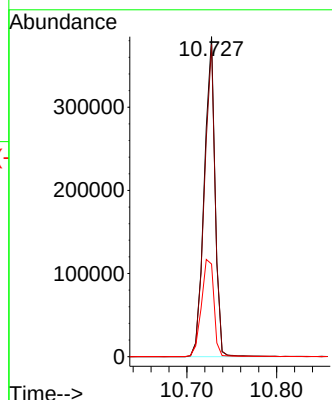
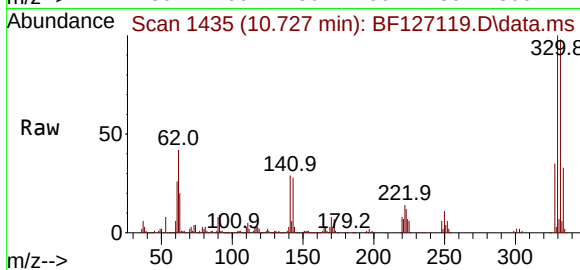
Tgt Ion:330 Resp: 320144

Ion Ratio Lower Upper

330 100

332 97.5 76.0 114.0

141 35.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 83.355 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127119.D

Acq: 01 Mar 2022 16:38

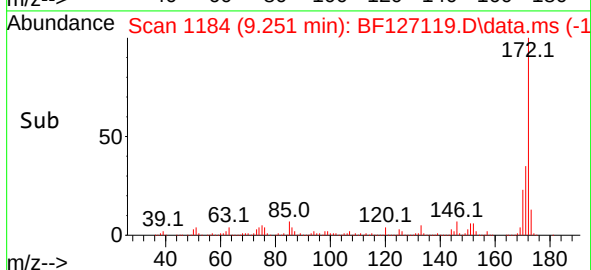
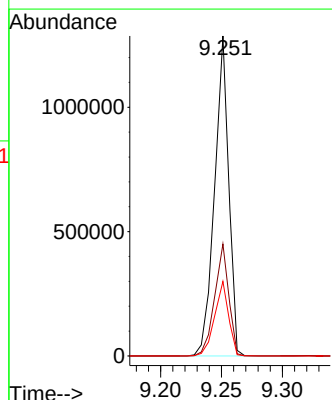
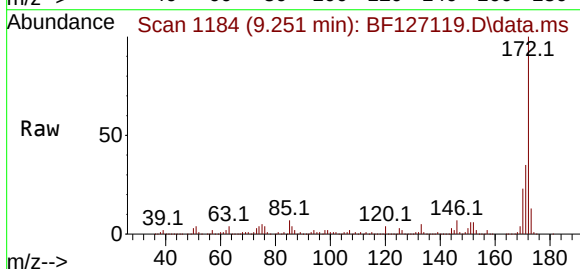
Tgt Ion:172 Resp: 1043966

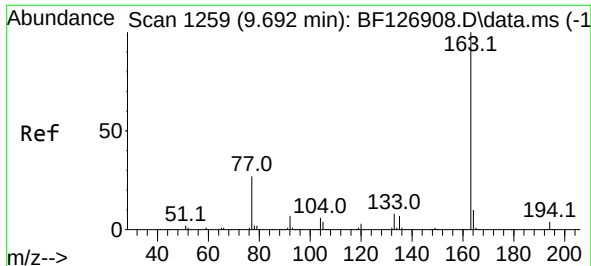
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.3 19.0 28.6

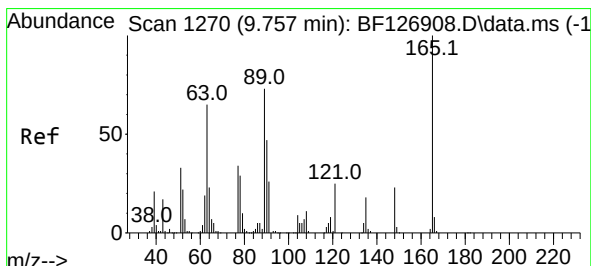
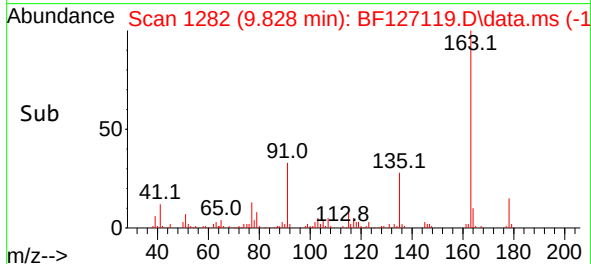
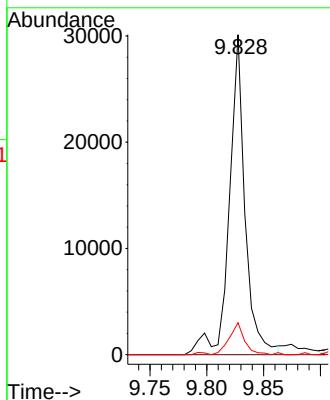
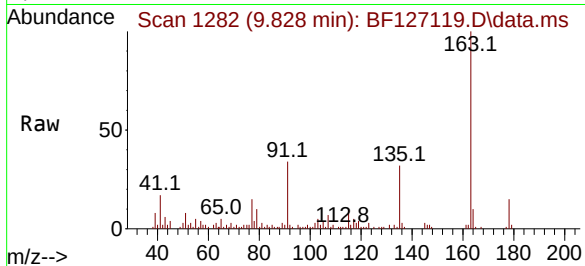




#50
Dimethylphthalate
Concen: 2.205 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.171 min
Lab File: BF127119.D
Acq: 01 Mar 2022 16:38

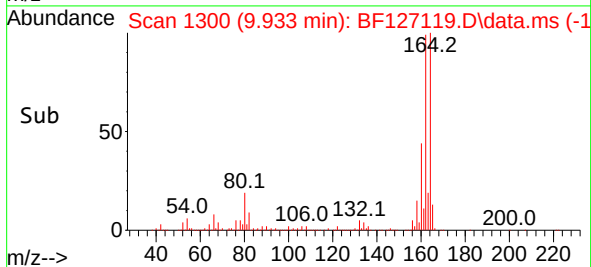
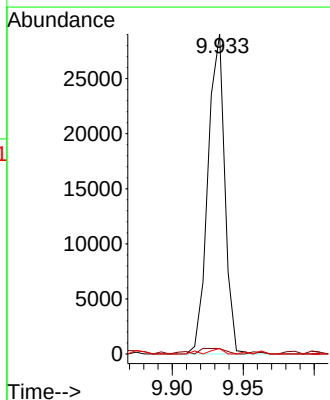
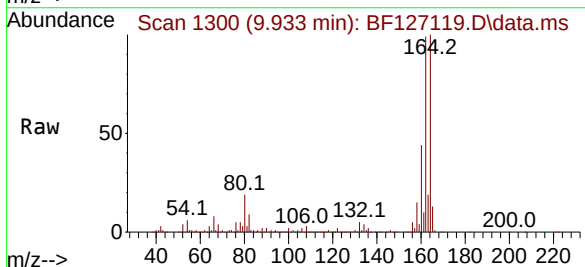
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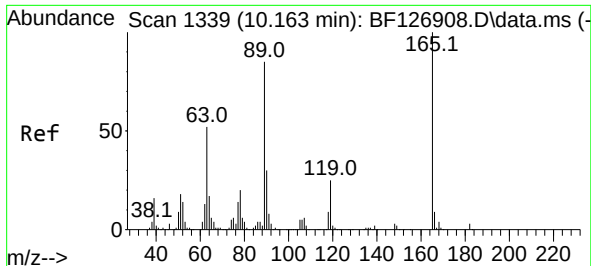
Tgt Ion:163 Resp: 29057
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 10.0 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 8.932 ng
RT: 9.933 min Scan# 1300
Delta R.T. 0.212 min
Lab File: BF127119.D
Acq: 01 Mar 2022 16:38

Tgt Ion:165 Resp: 23951
Ion Ratio Lower Upper
165 100
63 1.6 48.4 72.6#
89 1.7 50.5 75.7#

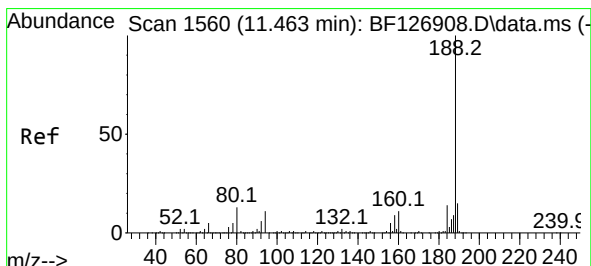
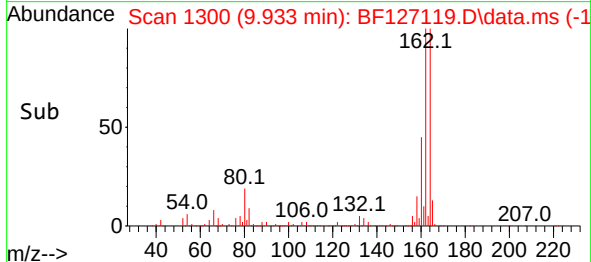
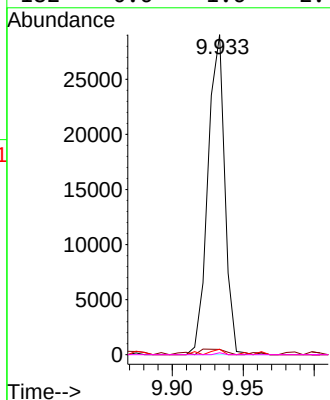
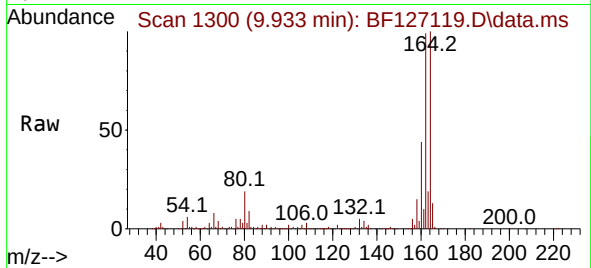




#57
2,4-Dinitrotoluene
Concen: 6.606 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127119.D
Acq: 01 Mar 2022 16:38

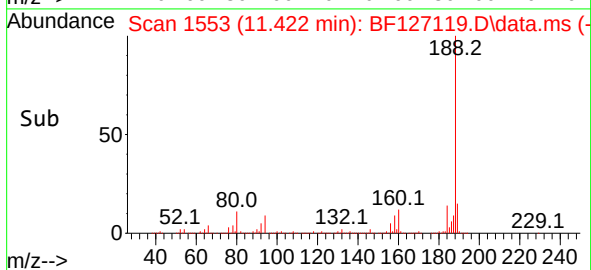
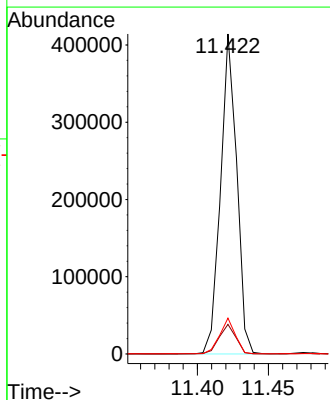
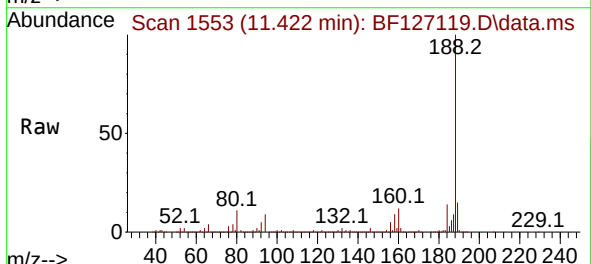
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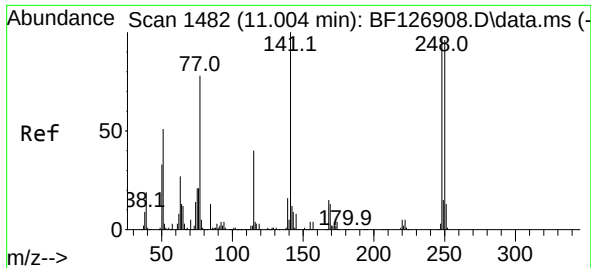
Tgt Ion:165	Resp:	23951	
Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.0	64.6#
89	1.7	71.0	106.4#
182	0.6	1.6	2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127119.D
Acq: 01 Mar 2022 16:38

Tgt Ion:188	Resp:	327535	
Ion	Ratio	Lower	Upper
188	100		
94	9.3	10.1	15.1#
80	11.2	11.8	17.6#

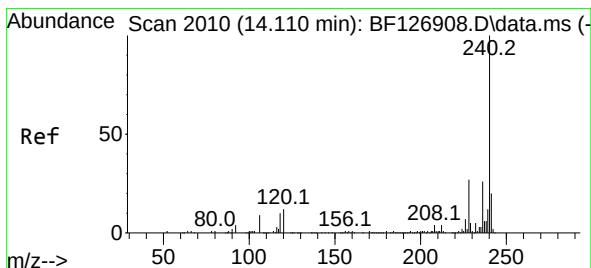
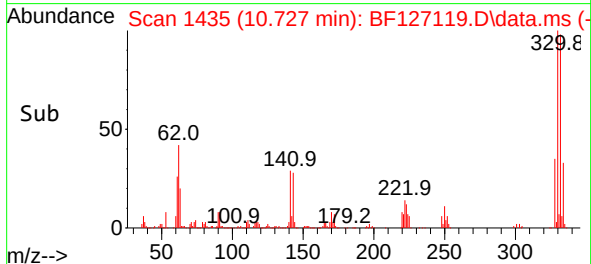
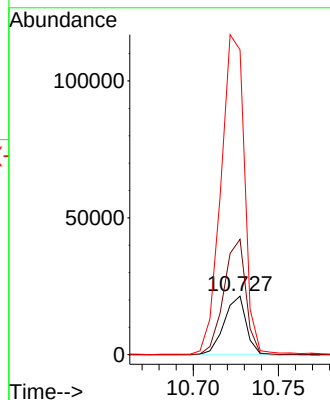
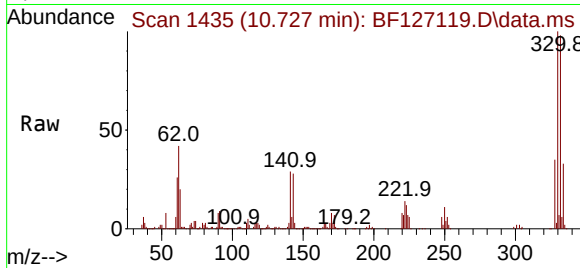




#67
4-Bromophenyl-phenylether
Concen: 5.241 ng
RT: 10.727 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF127119.D
Acq: 01 Mar 2022 16:38

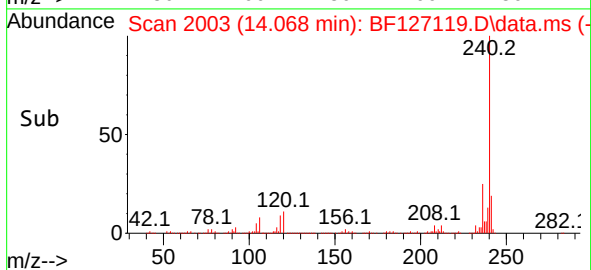
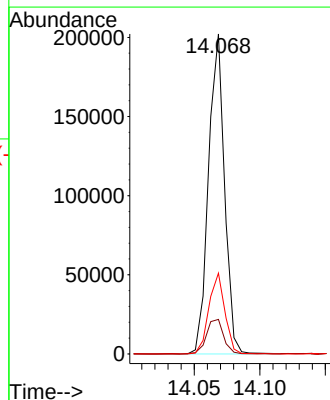
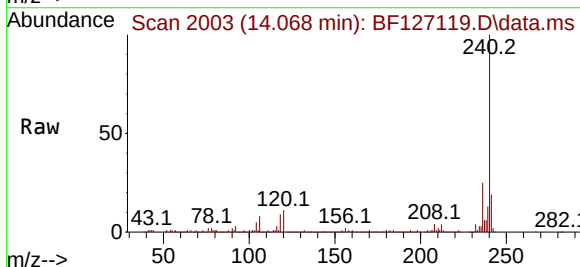
Instrument :
BNA_F
ClientSampleId :
MW-26

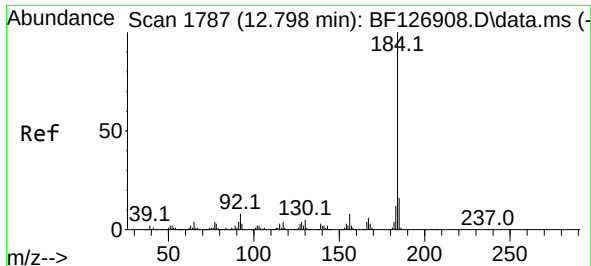
Tgt Ion:248 Resp: 19178
Ion Ratio Lower Upper
248 100
250 197.0 76.2 114.4#
141 520.5 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127119.D
Acq: 01 Mar 2022 16:38

Tgt Ion:240 Resp: 172128
Ion Ratio Lower Upper
240 100
120 10.8 14.4 21.6#
236 25.2 20.5 30.7

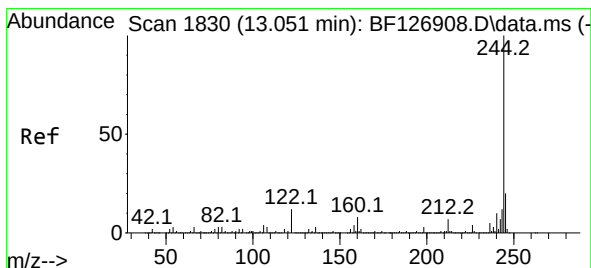
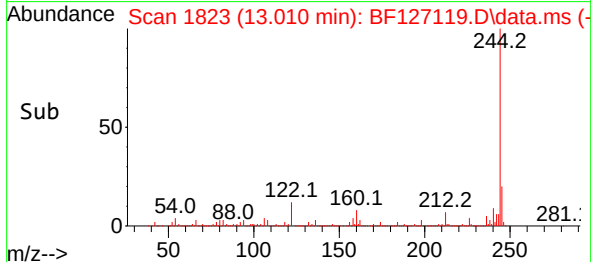
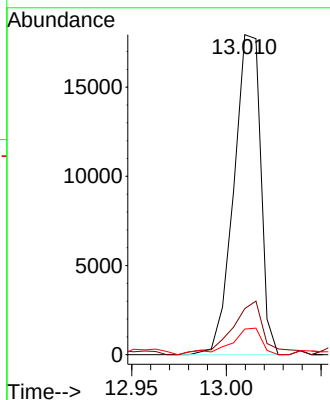
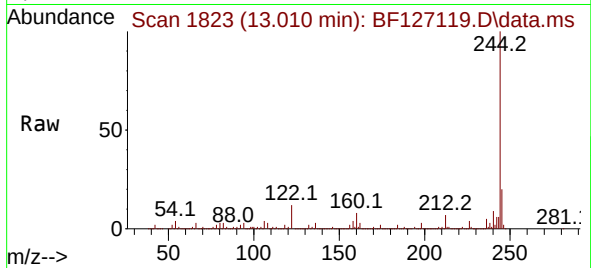




#77
Benzidine
Concen: 3.770 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.247 min
Lab File: BF127119.D
Acq: 01 Mar 2022 16:38

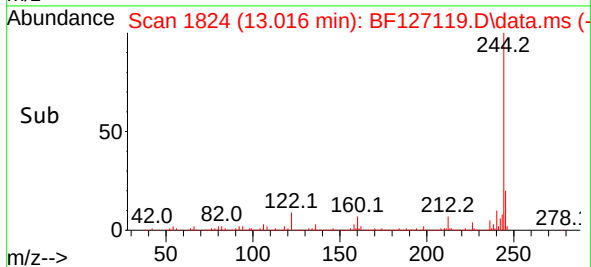
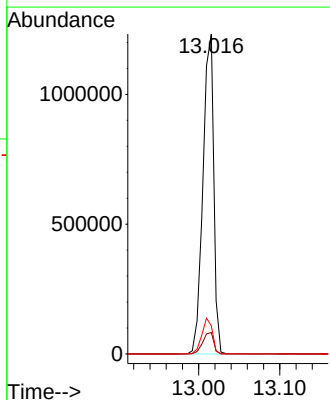
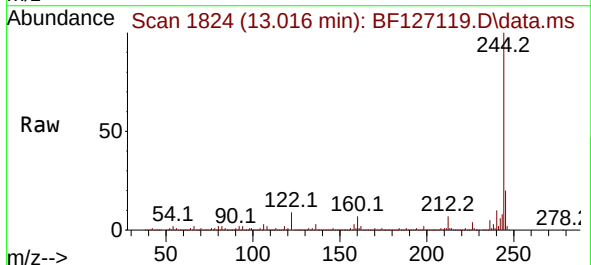
Instrument :
BNA_F
ClientSampleId :
MW-26

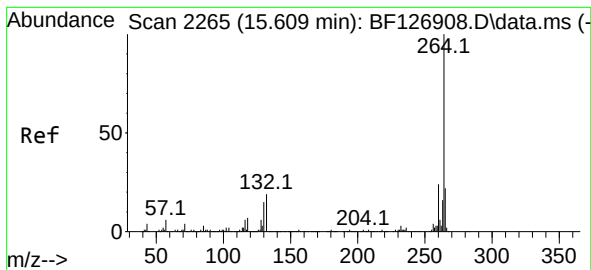
Tgt Ion:184 Resp: 17637
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 8.0 8.2 12.2#



#79
Terphenyl-d14
Concen: 97.242 ng
RT: 13.016 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF127119.D
Acq: 01 Mar 2022 16:38

Tgt Ion:244 Resp: 1138608
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 8.8 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127119.D

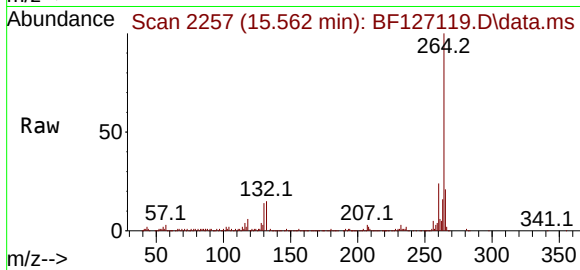
Acq: 01 Mar 2022 16:38

Instrument :

BNA_F

ClientSampleId :

MW-26



Tgt Ion:264 Resp: 151841

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.7 17.4 26.2

