

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020322\
 Data File : BF126794.D
 Acq On : 03 Feb 2022 13:05
 Operator : CG/JU
 Sample : PB142443BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142443BL

Quant Time: Feb 03 14:06:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

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

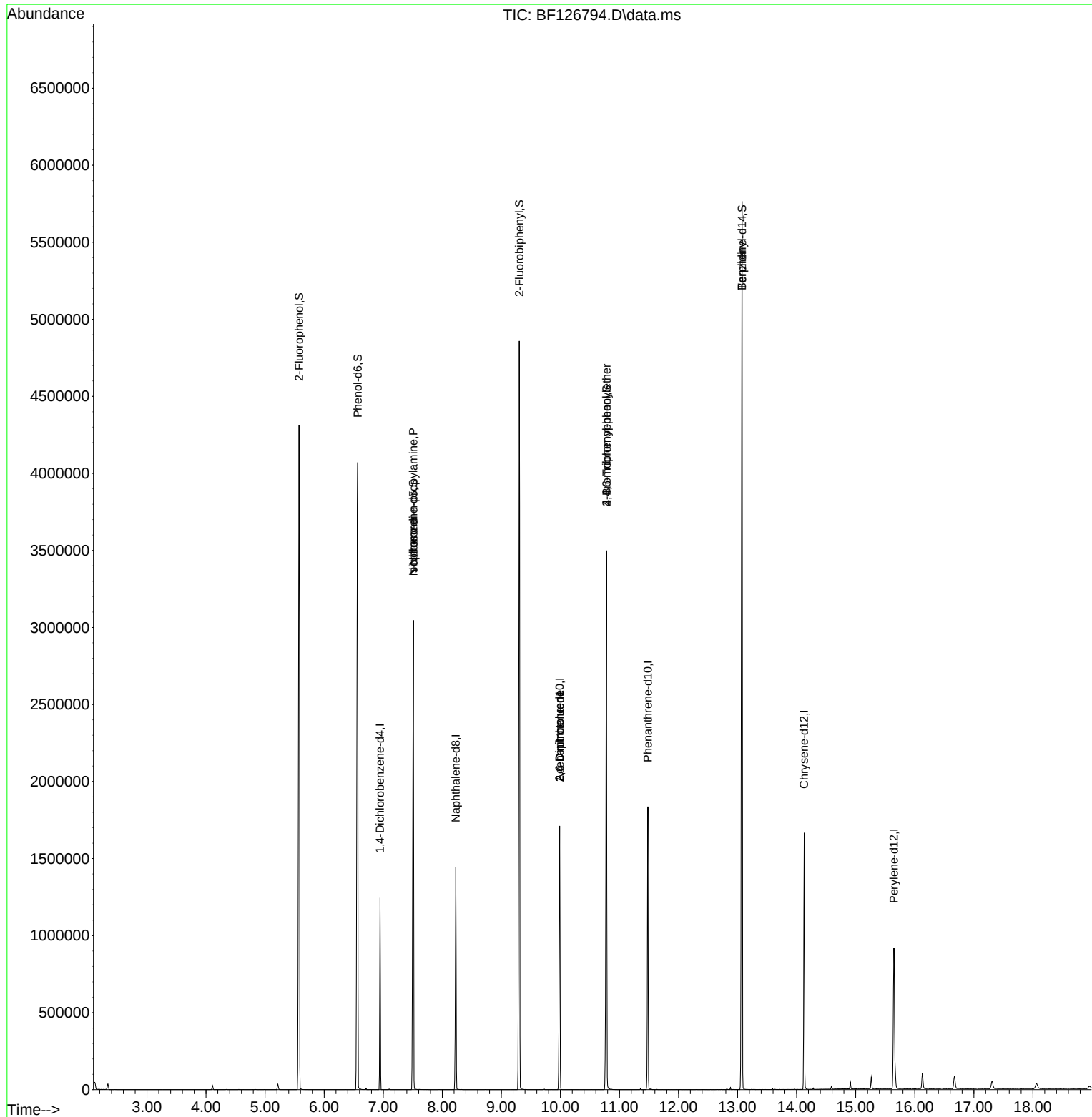
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.946	152	156051	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	619628	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	349115	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	630286	20.000	ng	0.00
76) Chrysene-d12	14.127	240	534320	20.000	ng	# 0.00
86) Perylene-d12	15.645	264	421863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1368644	120.126	ng	0.01
7) Phenol-d6	6.569	99	1836892	116.553	ng	0.00
23) Nitrobenzene-d5	7.510	82	1308301	79.021	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	444012	122.545	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1740331	82.543	ng	0.00
79) Terphenyl-d14	13.075	244	2195181	68.726	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.510	70	171620	16.537	ng	# 68
25) Isophorone	7.510	82	1302463	45.838	ng	# 69
51) 2,6-Dinitrotoluene	9.986	165	45193	9.117	ng	# 21
57) 2,4-Dinitrotoluene	9.986	165	45193	6.727	ng	# 15
67) 4-Bromophenyl-phenylether	10.781	248	26774	3.711	ng	# 1
77) Benzidine	13.075	184	28770	2.347	ng	96

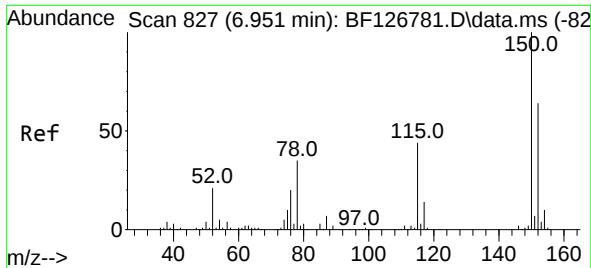
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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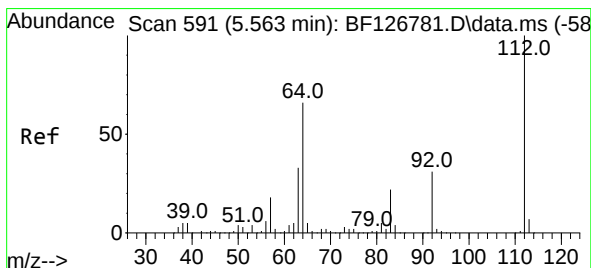
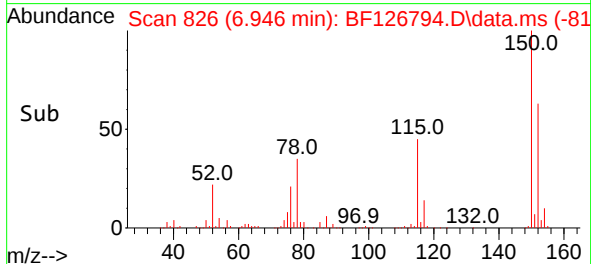
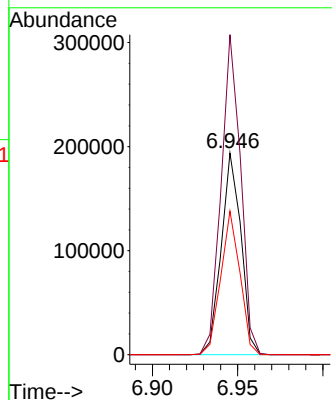
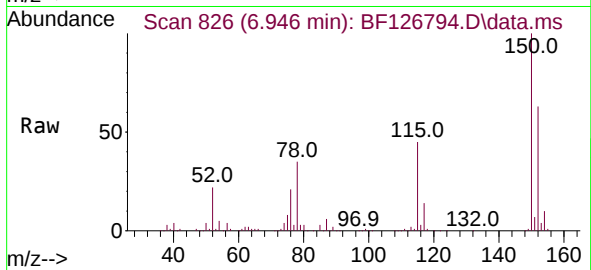




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.946 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF126794.D
Acq: 03 Feb 2022 13:05

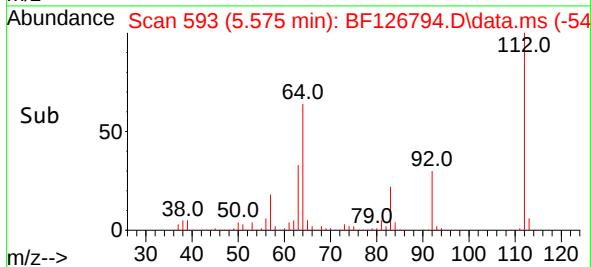
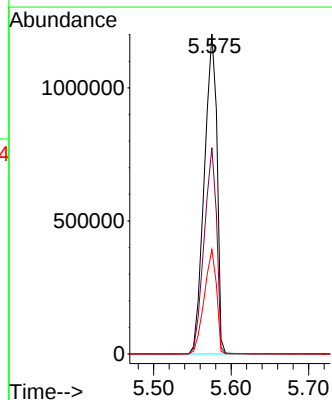
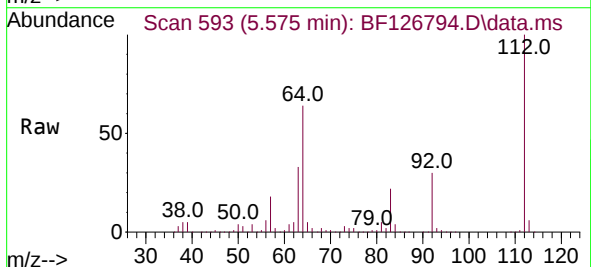
Instrument :
BNA_F
ClientSampleId :
PB142443BL

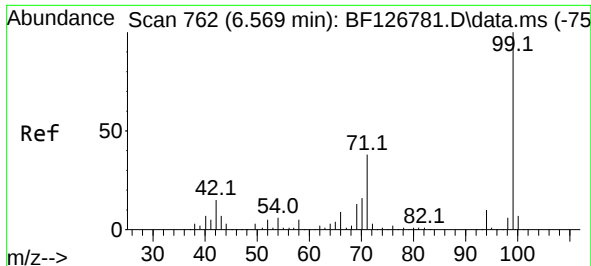
Tgt Ion:152 Resp: 156051
Ion Ratio Lower Upper
152 100
150 158.7 128.1 192.1
115 71.1 56.7 85.1



#5
2-Fluorophenol
Concen: 120.126 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.012 min
Lab File: BF126794.D
Acq: 03 Feb 2022 13:05

Tgt Ion:112 Resp: 1368644
Ion Ratio Lower Upper
112 100
64 64.5 49.5 74.3
63 32.7 23.9 35.9





#7

Phenol-d6

Concen: 116.553 ng

RT: 6.569 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF126794.D

Acq: 03 Feb 2022 13:05

Instrument :

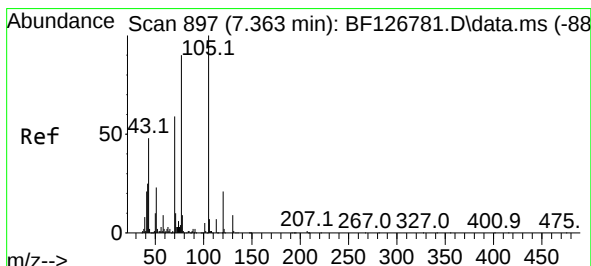
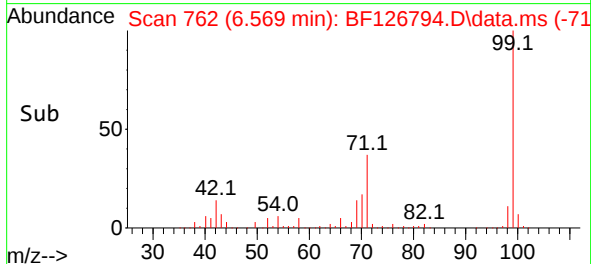
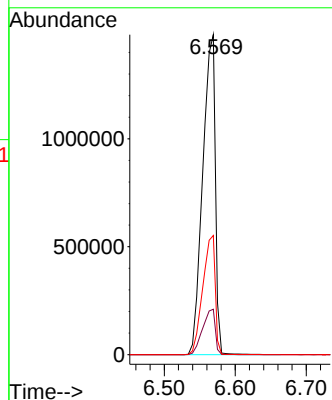
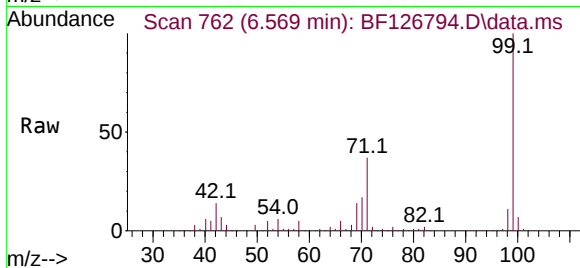
BNA_F

ClientSampleId :

PB142443BL

Tgt Ion: 99 Resp: 1836892

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.2	21.4#
71	37.3	24.3	36.5#



#19

n-Nitroso-di-n-propylamine

Concen: 16.537 ng

RT: 7.510 min Scan# 922

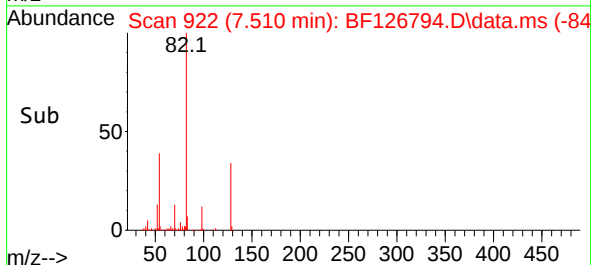
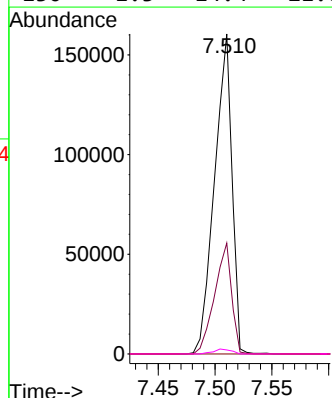
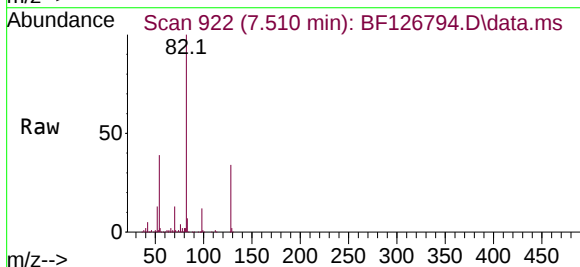
Delta R.T. 0.147 min

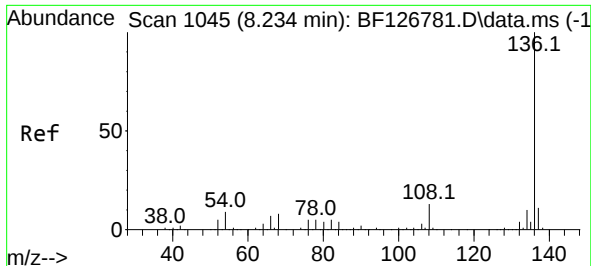
Lab File: BF126794.D

Acq: 03 Feb 2022 13:05

Tgt Ion: 70 Resp: 171620

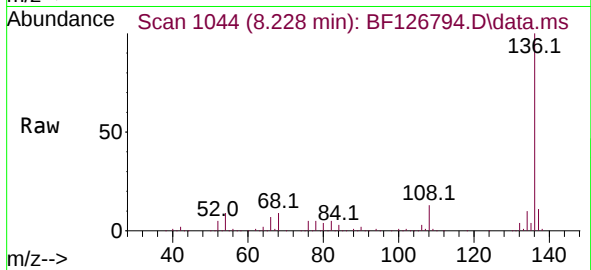
Ion	Ratio	Lower	Upper
70	100		
42	34.7	45.8	68.8#
101	0.0	6.9	10.3#
130	1.3	14.4	21.6#



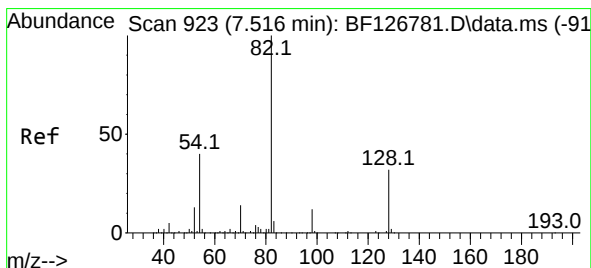
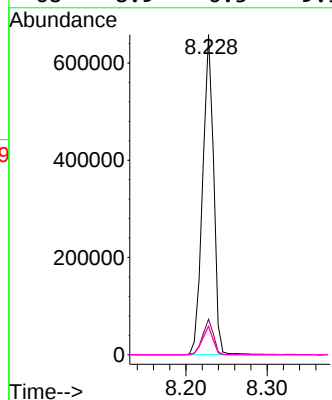
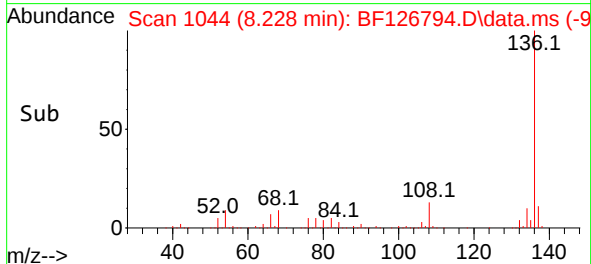


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF126794.D
Acq: 03 Feb 2022 13:05

Instrument :
BNA_F
ClientSampleId :
PB142443BL

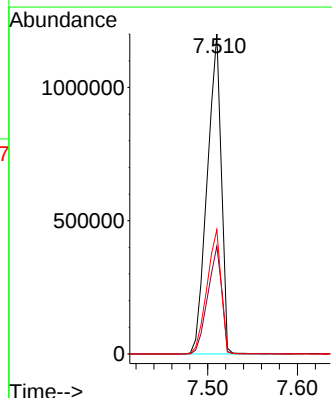
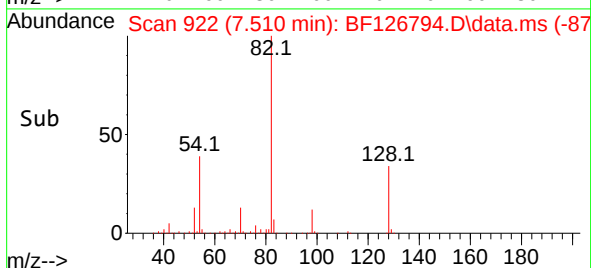
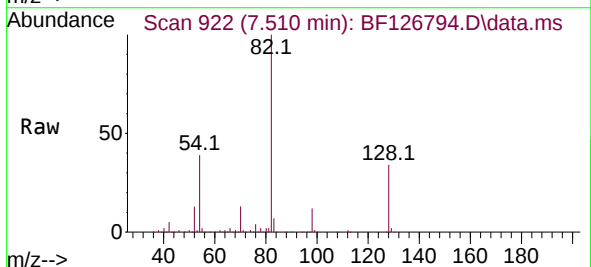


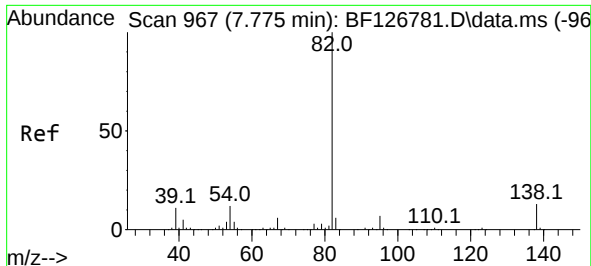
Tgt Ion:136 Resp: 619628
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.8 7.8 11.6
68 8.9 6.3 9.5



#23
Nitrobenzene-d5
Concen: 79.021 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF126794.D
Acq: 03 Feb 2022 13:05

Tgt Ion: 82 Resp: 1308301
Ion Ratio Lower Upper
82 100
128 33.7 32.7 49.1
54 38.9 41.7 62.5#

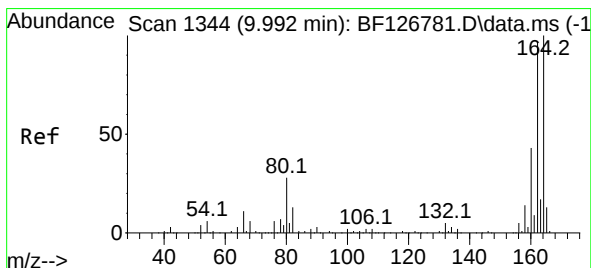
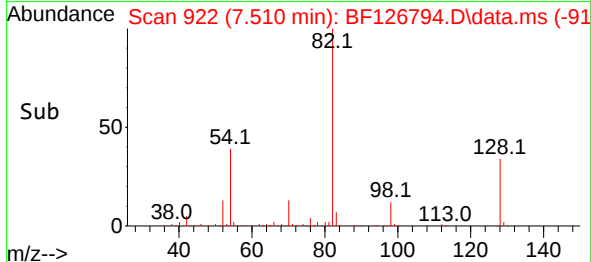
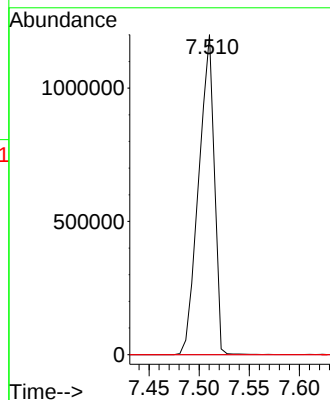
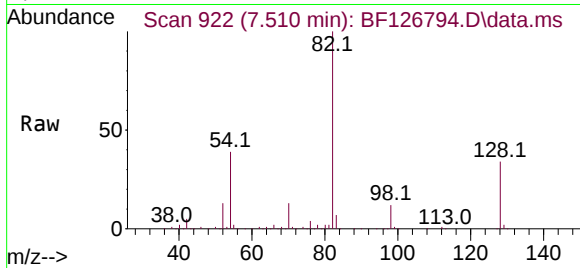




#25
Isophorone
Concen: 45.838 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126794.D
Acq: 03 Feb 2022 13:05

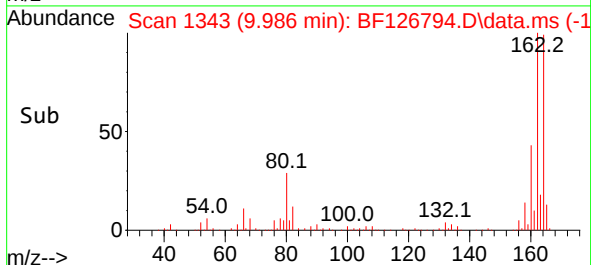
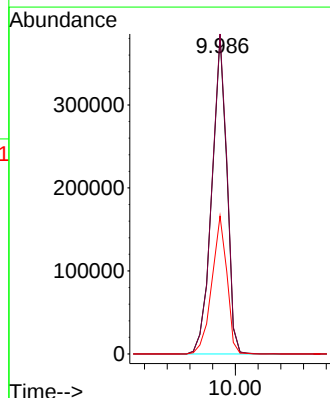
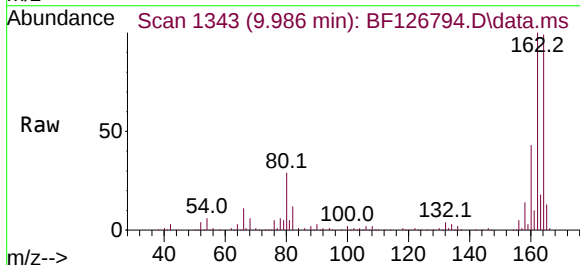
Instrument :
BNA_F
ClientSampleId :
PB142443BL

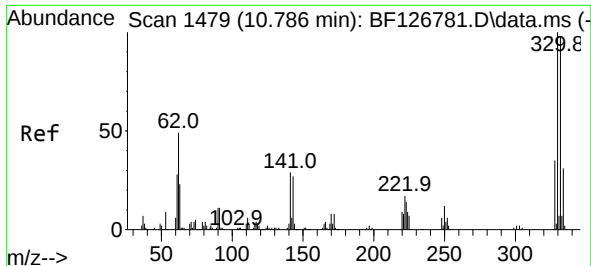
Tgt Ion: 82 Resp: 1302463
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF126794.D
Acq: 03 Feb 2022 13:05

Tgt Ion: 164 Resp: 349115
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 43.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 122.545 ng

RT: 10.781 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BF126794.D

Acq: 03 Feb 2022 13:05

Instrument :

BNA_F

ClientSampleId :

PB142443BL

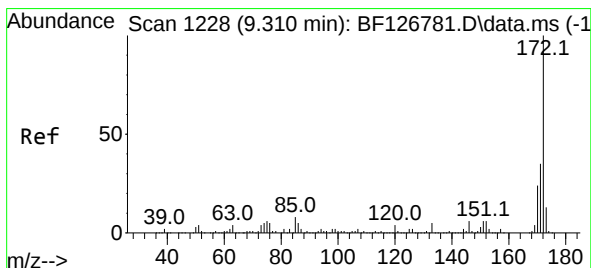
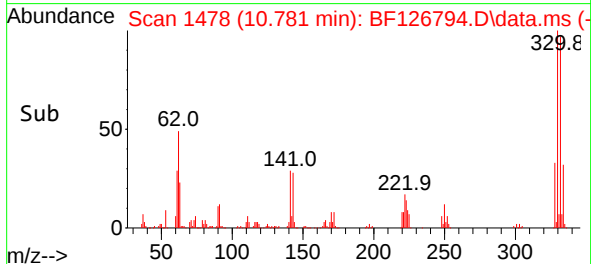
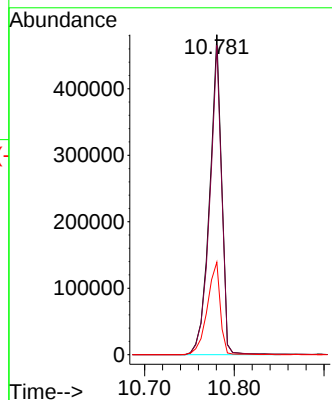
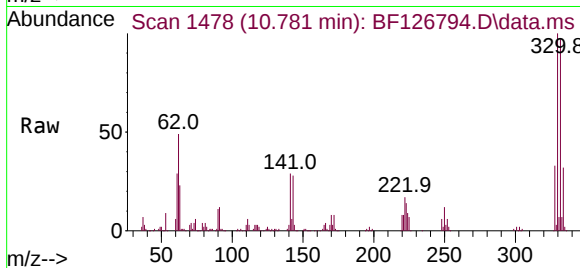
Tgt Ion:330 Resp: 444012

Ion Ratio Lower Upper

330 100

332 96.5 76.0 114.0

141 31.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 82.543 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF126794.D

Acq: 03 Feb 2022 13:05

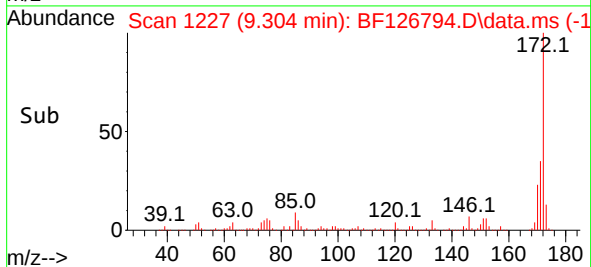
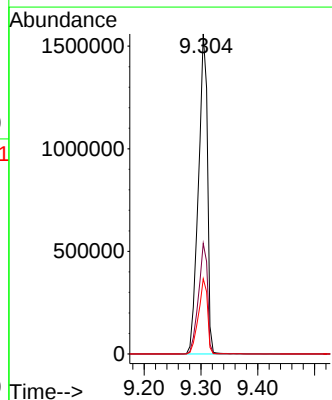
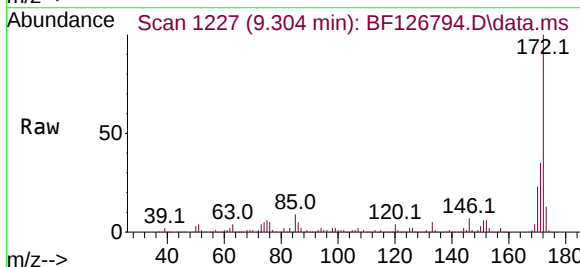
Tgt Ion:172 Resp: 1740331

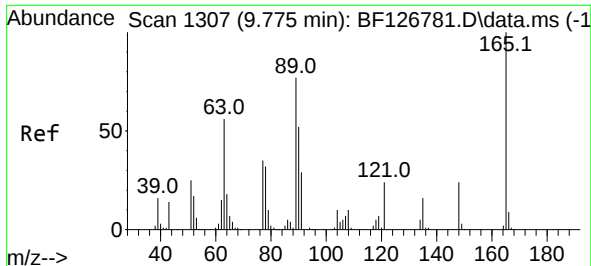
Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 23.5 19.0 28.6

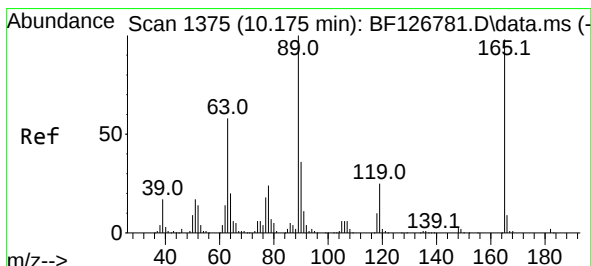
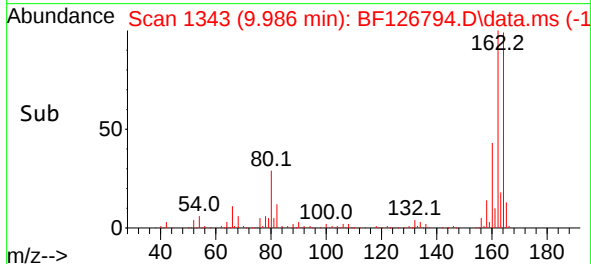
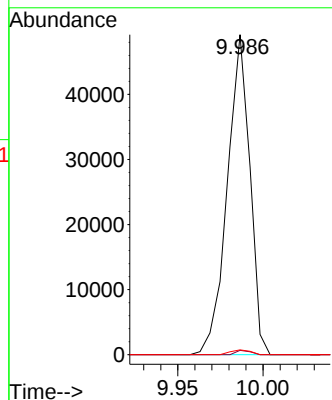
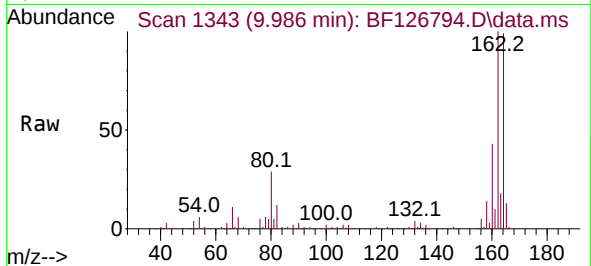




#51
2,6-Dinitrotoluene
Concen: 9.117 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126794.D
Acq: 03 Feb 2022 13:05

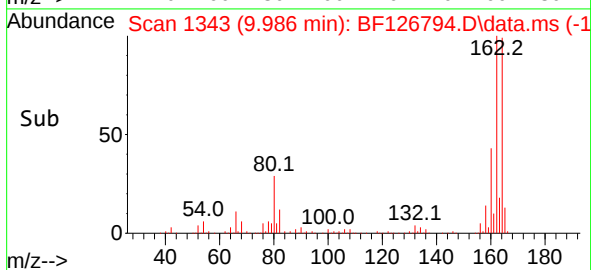
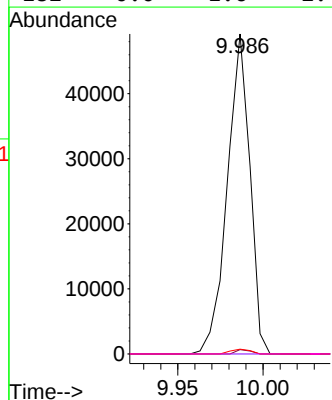
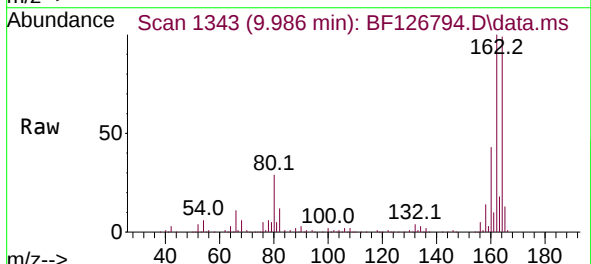
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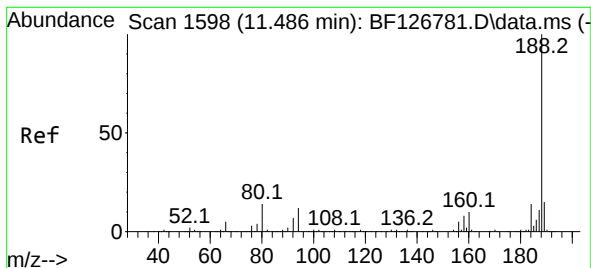
Tgt Ion:165 Resp: 45193
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.727 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.188 min
Lab File: BF126794.D
Acq: 03 Feb 2022 13:05

Tgt Ion:165 Resp: 45193
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126794.D

Acq: 03 Feb 2022 13:05

Instrument :

BNA_F

ClientSampleId :

PB142443BL

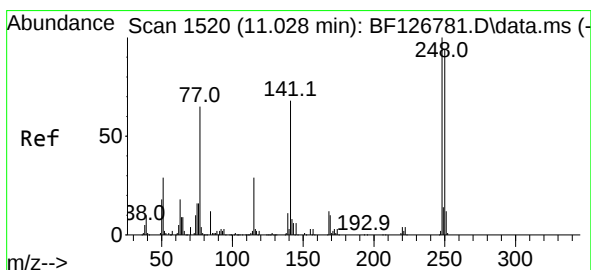
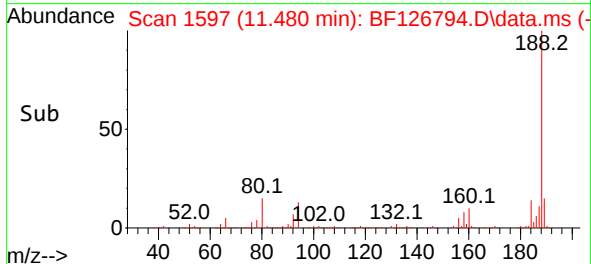
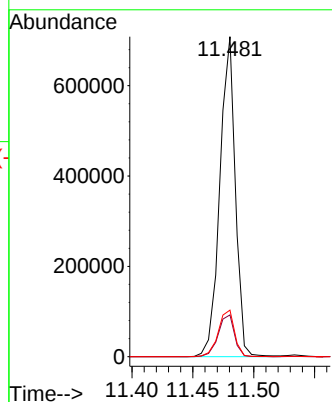
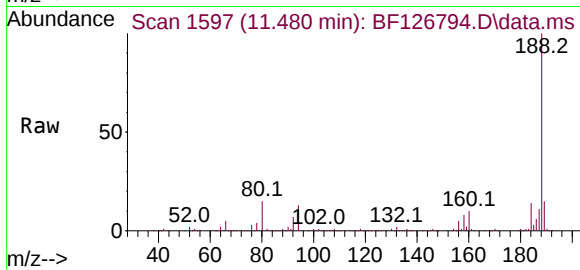
Tgt Ion:188 Resp: 630286

Ion Ratio Lower Upper

188 100

94 13.0 10.1 15.1

80 14.6 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 3.711 ng

RT: 10.781 min Scan# 1478

Delta R.T. -0.247 min

Lab File: BF126794.D

Acq: 03 Feb 2022 13:05

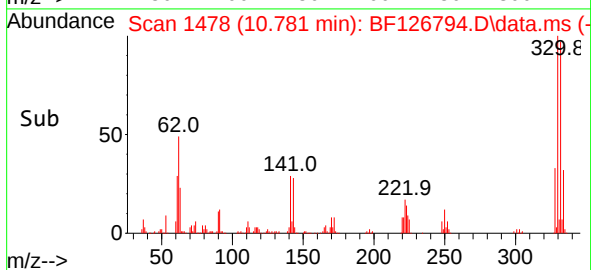
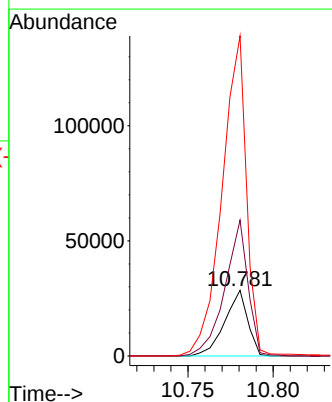
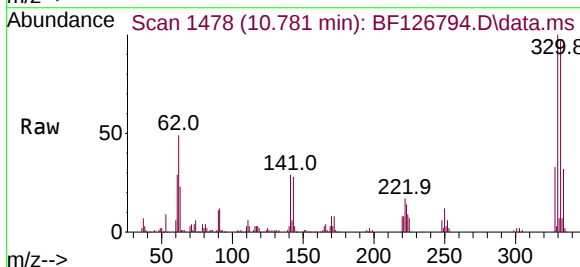
Tgt Ion:248 Resp: 26774

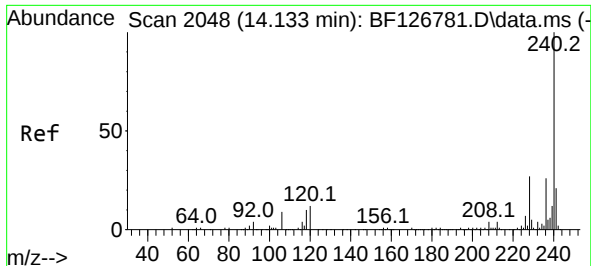
Ion Ratio Lower Upper

248 100

250 207.2 76.2 114.4#

141 488.0 66.2 99.4#

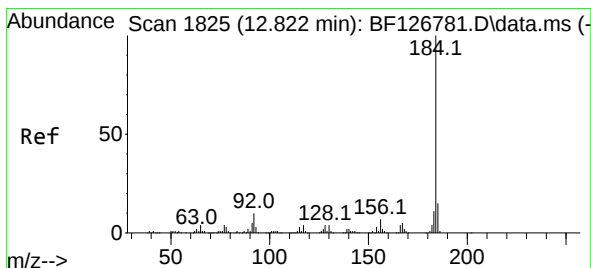
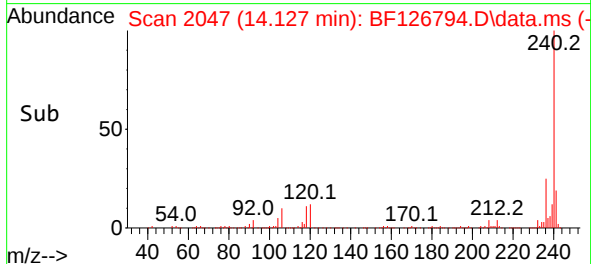
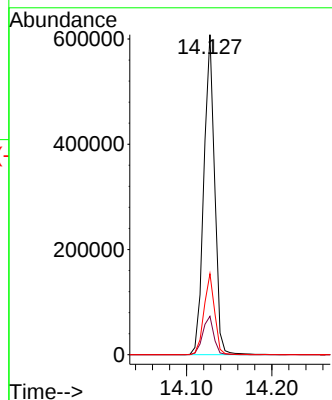
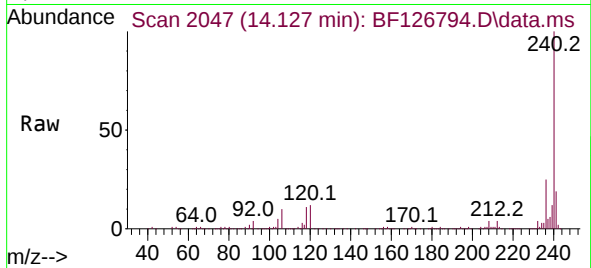




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF126794.D
Acq: 03 Feb 2022 13:05

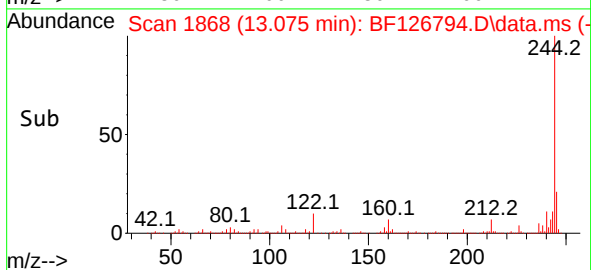
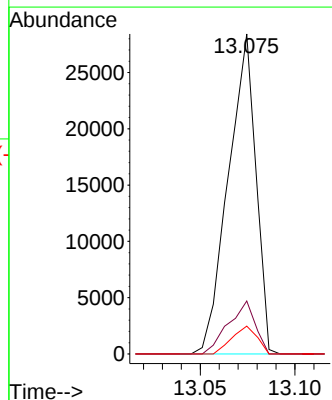
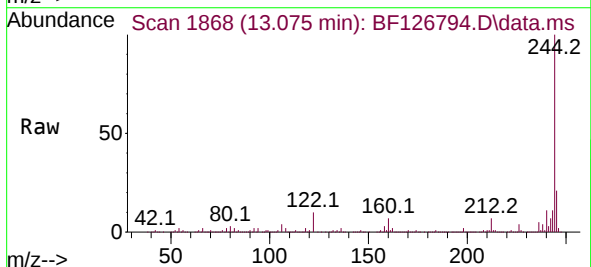
Instrument :
BNA_F
ClientSampleId :
PB142443BL

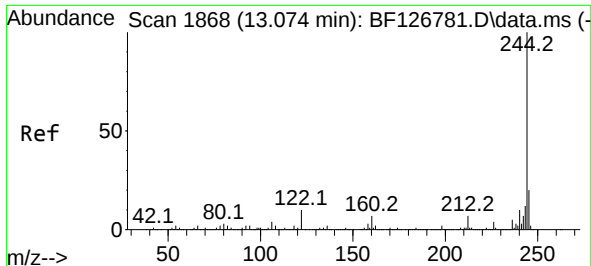
Tgt Ion:240 Resp: 534320
Ion Ratio Lower Upper
240 100
120 12.0 14.4 21.6#
236 25.3 20.5 30.7



#77
Benzidine
Concen: 2.347 ng
RT: 13.075 min Scan# 1868
Delta R.T. 0.253 min
Lab File: BF126794.D
Acq: 03 Feb 2022 13:05

Tgt Ion:184 Resp: 28770
Ion Ratio Lower Upper
184 100
185 16.6 11.8 17.8
183 8.7 8.2 12.2

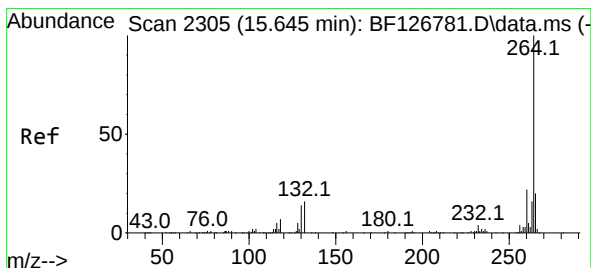
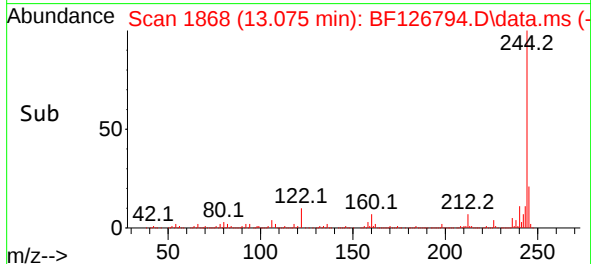
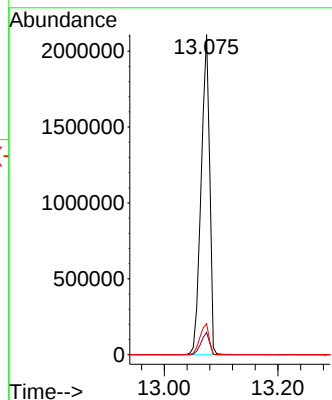
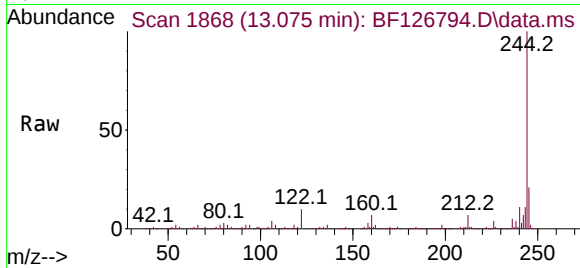




#79
 Terphenyl-d14
 Concen: 68.726 ng
 RT: 13.075 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: BF126794.D
 Acq: 03 Feb 2022 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB142443BL

Tgt Ion:244 Resp: 2195181
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 9.7 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2305
 Delta R.T. 0.000 min
 Lab File: BF126794.D
 Acq: 03 Feb 2022 13:05

Tgt Ion:264 Resp: 421863
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.3 17.4 26.2

