

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
 Data File : BF126076.D
 Acq On : 9 Nov 2021 11:23
 Operator : JU/CG
 Sample : PB140520BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140520BL

Quant Time: Nov 09 12:15:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

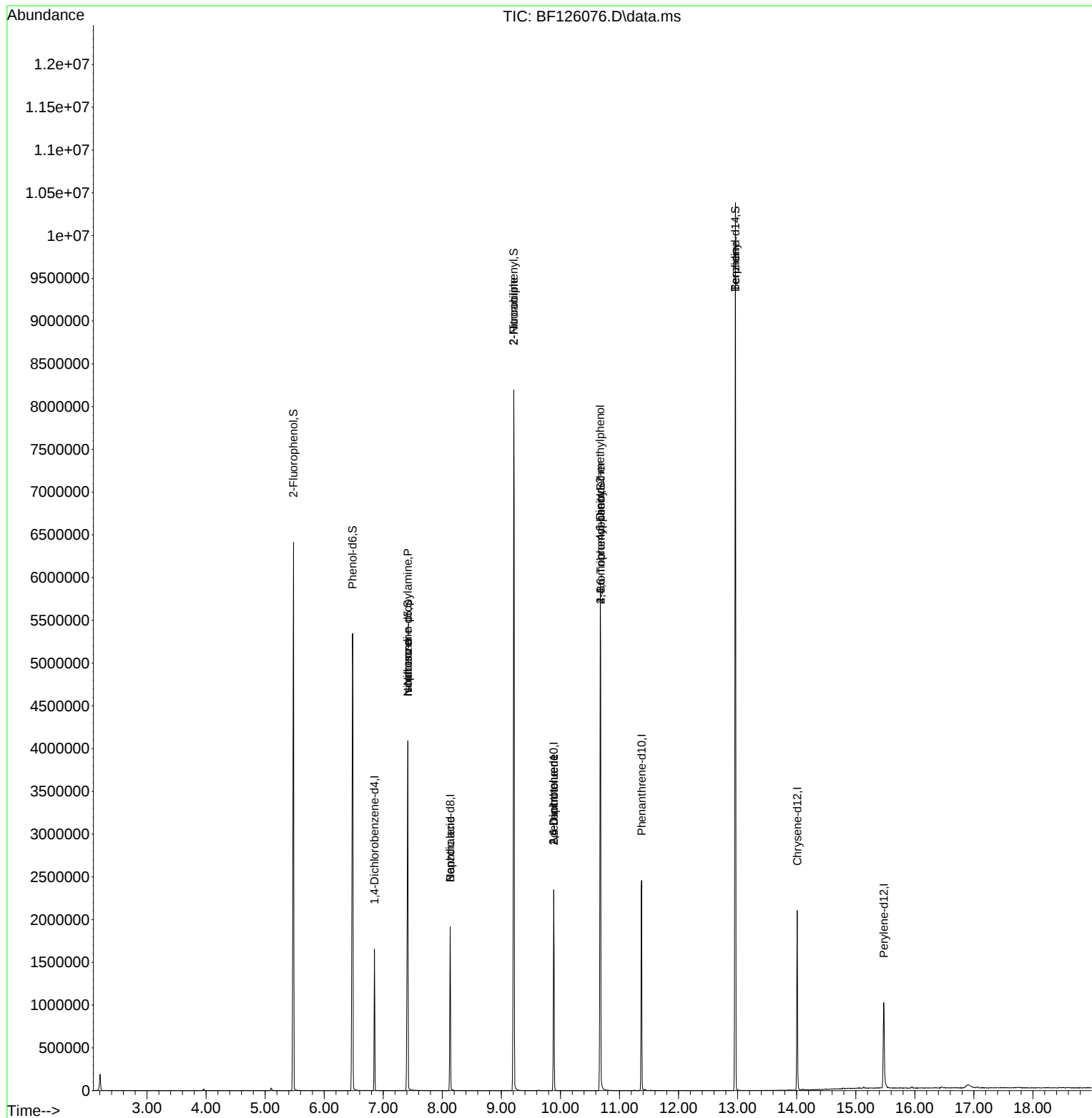
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	206812	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	770292	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	479709	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	927506	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	710797	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	529681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1470970	122.143	ng	0.02
7) Phenol-d6	6.481	99	1917997	112.978	ng	0.00
23) Nitrobenzene-d5	7.416	82	1384173	84.745	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	729187	132.640	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2733167	76.995	ng	0.00
79) Terphenyl-d14	12.963	244	3419759	77.582	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	4031	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	199269	17.805	ng	# 60
25) Isophorone	7.416	82	1370061	46.589	ng	# 59
32) Benzoic acid	8.134	122	141	9.159	ng	# 1
48) 2-Nitroaniline	9.210	65	5505	3.392	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	62035	10.363	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	62035	9.884	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.675	198	1740	8.639	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	47384	4.218	ng	# 1
77) Benzidine	12.963	184	53298	2.243	ng	96

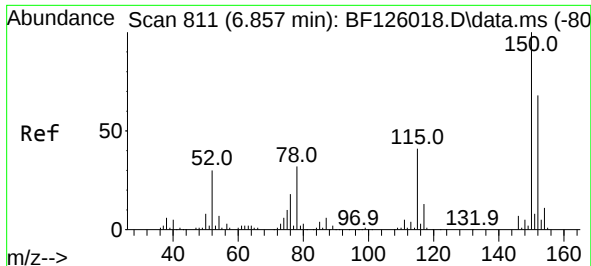
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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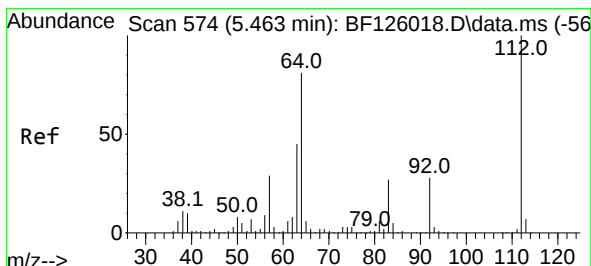
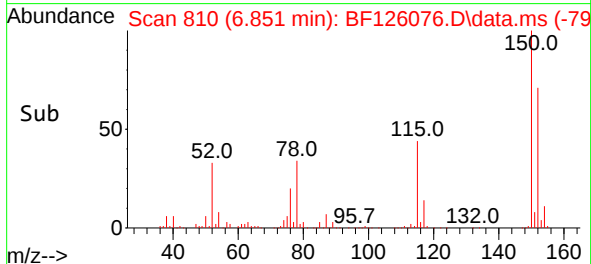
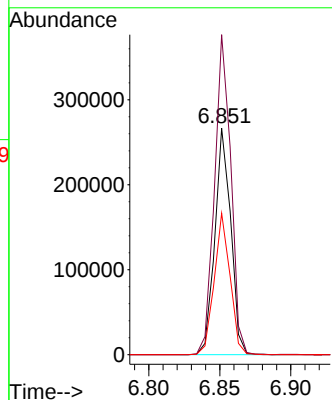
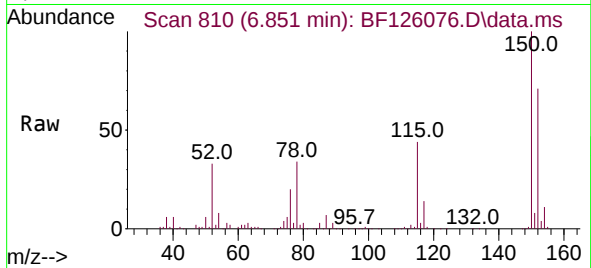




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126076.D
Acq: 9 Nov 2021 11:23

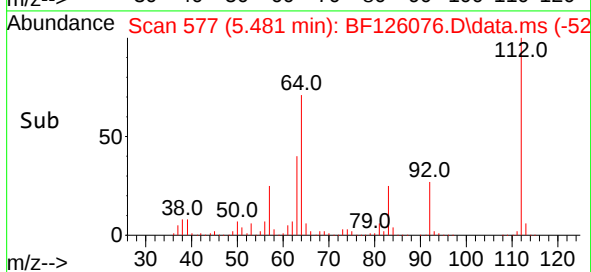
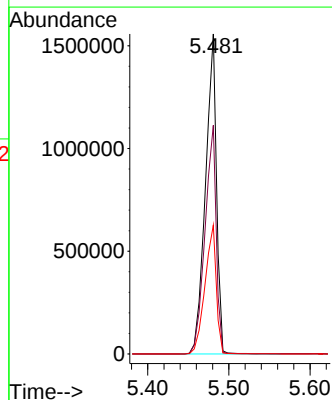
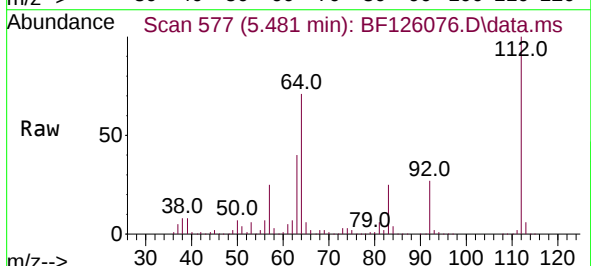
Instrument :
BNA_F
ClientSampleId :
PB140520BL

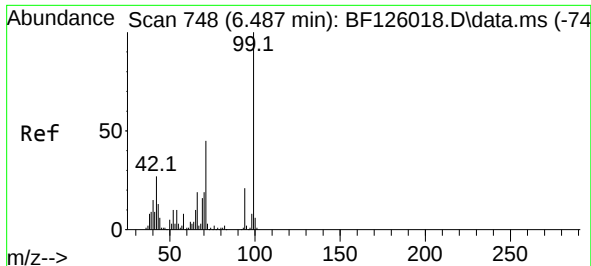
Tgt Ion:152 Resp: 206812
Ion Ratio Lower Upper
152 100
150 141.3 117.6 176.4
115 62.4 47.1 70.7



#5
2-Fluorophenol
Concen: 122.143 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF126076.D
Acq: 9 Nov 2021 11:23

Tgt Ion:112 Resp: 1470970
Ion Ratio Lower Upper
112 100
64 71.4 44.2 66.2#
63 40.2 26.2 39.2#

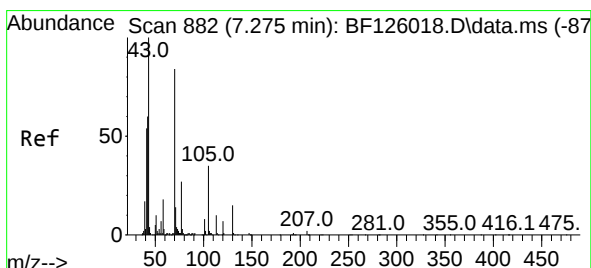
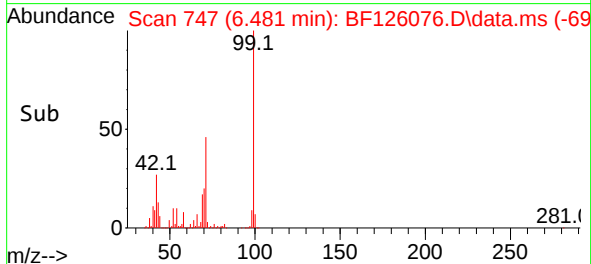
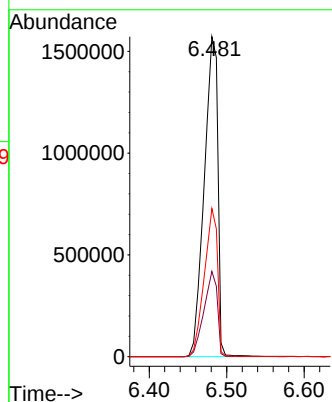
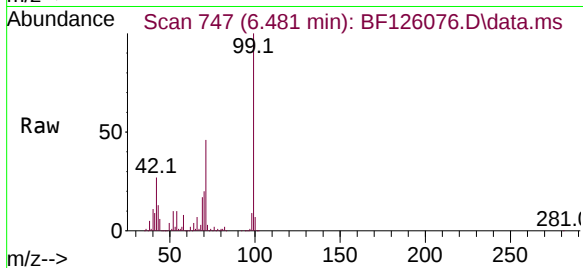




#7
Phenol-d6
Concen: 112.978 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126076.D
Acq: 9 Nov 2021 11:23

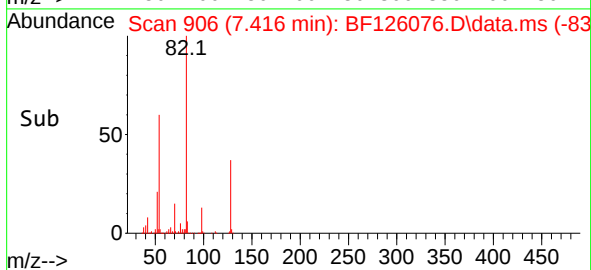
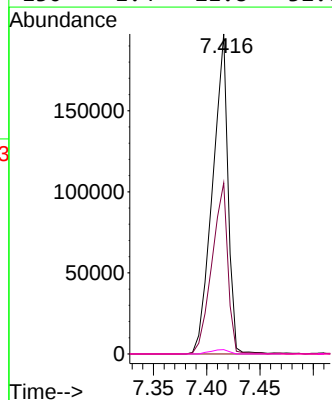
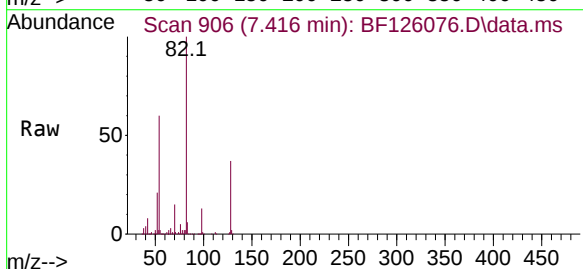
Instrument :
BNA_F
ClientSampleId :
PB140520BL

Tgt Ion: 99 Resp: 1917997
Ion Ratio Lower Upper
99 100
42 26.7 23.5 35.3
71 46.3 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.805 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126076.D
Acq: 9 Nov 2021 11:23

Tgt Ion: 70 Resp: 199269
Ion Ratio Lower Upper
70 100
42 53.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.4 21.8 32.6#

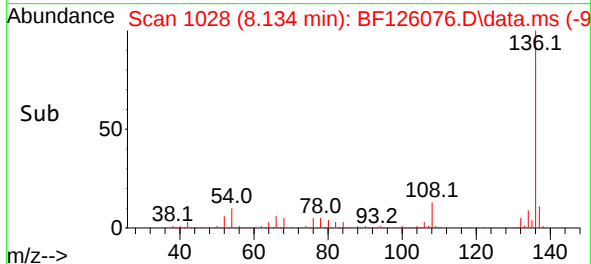
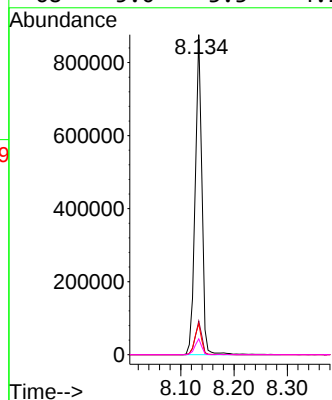
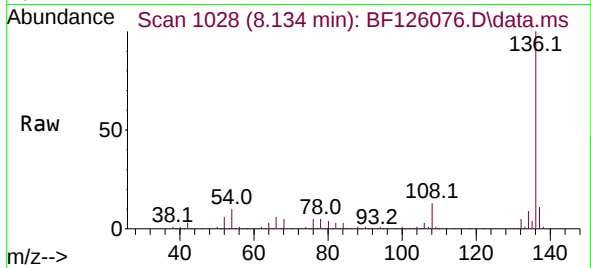




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BF126076.D
Acq: 9 Nov 2021 11:23

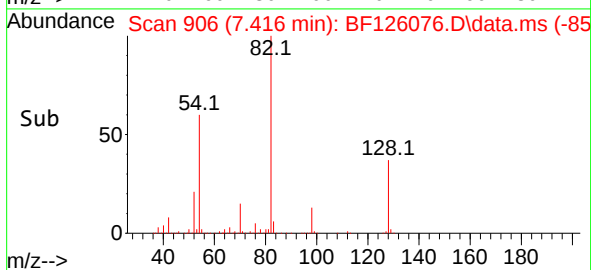
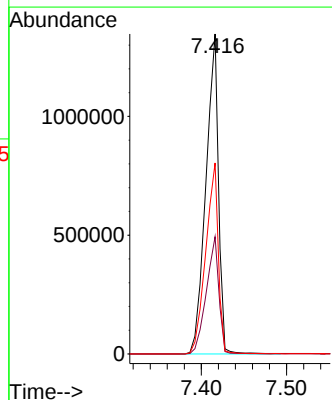
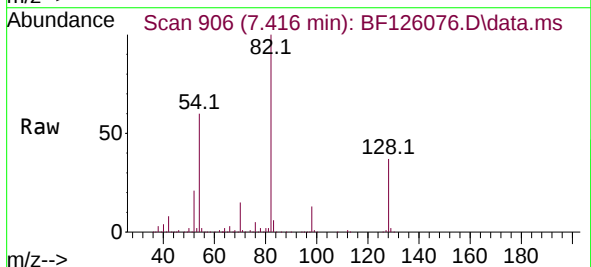
Instrument :
BNA_F
ClientSampleId :
PB140520BL

Tgt Ion:136 Resp: 770292
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 9.6 6.4 9.6#
68 5.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 84.745 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126076.D
Acq: 9 Nov 2021 11:23

Tgt Ion: 82 Resp: 1384173
Ion Ratio Lower Upper
82 100
128 36.6 40.6 60.8#
54 59.7 49.6 74.4

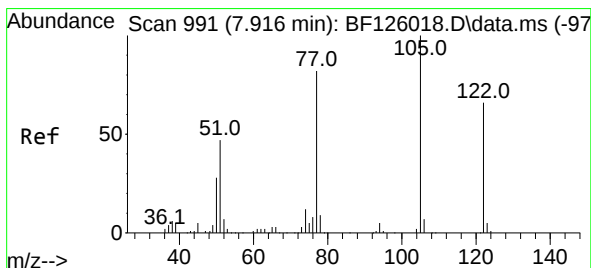
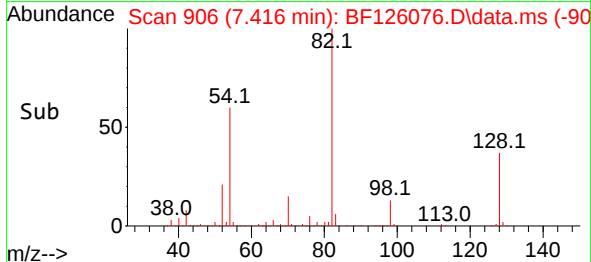
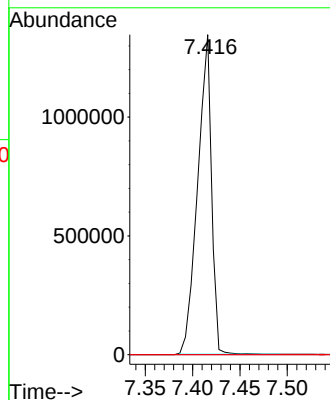
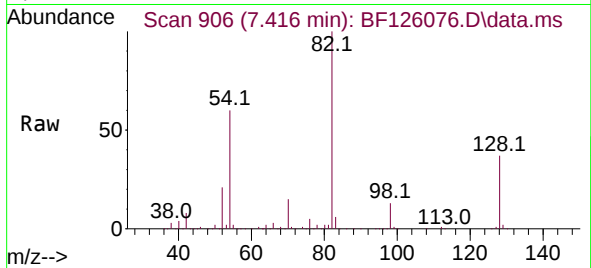




#25
Isophorone
Concen: 46.589 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126076.D
Acq: 9 Nov 2021 11:23

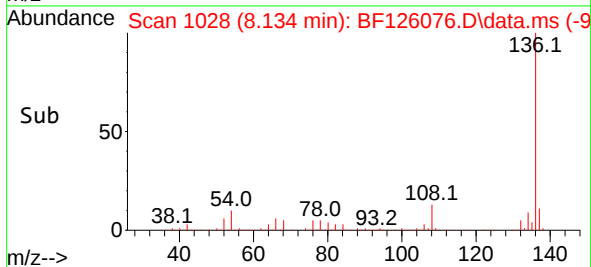
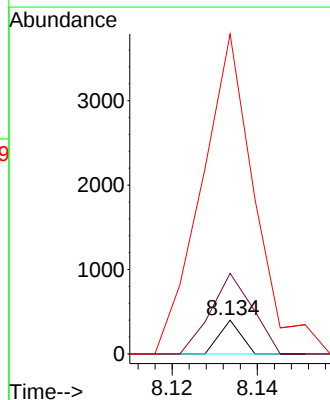
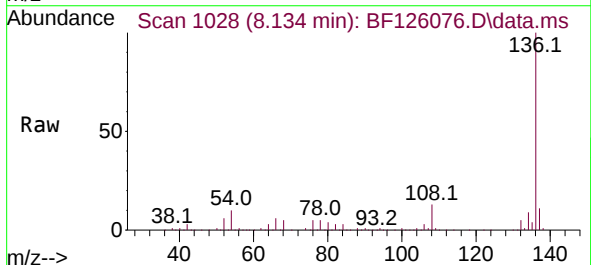
Instrument :
BNA_F
ClientSampleId :
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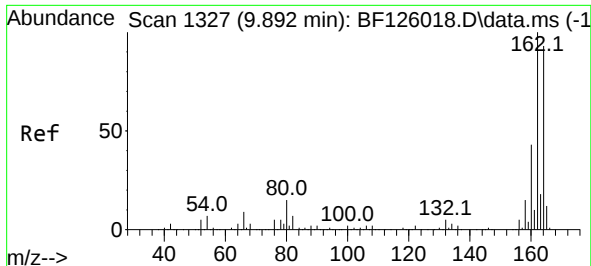
Tgt Ion: 82 Resp: 1370061
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.159 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.218 min
Lab File: BF126076.D
Acq: 9 Nov 2021 11:23

Tgt Ion:122 Resp: 141
Ion Ratio Lower Upper
122 100
105 238.7 97.6 137.6#
77 947.5 59.6 99.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126076.D

Acq: 9 Nov 2021 11:23

Instrument :

BNA_F

ClientSampleId :

PB140520BL

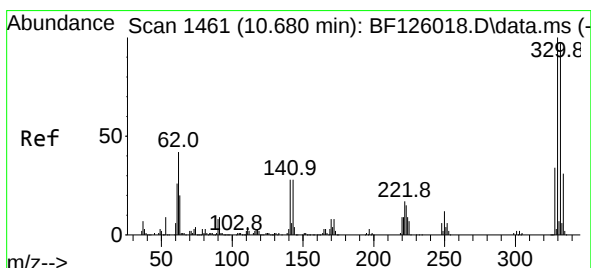
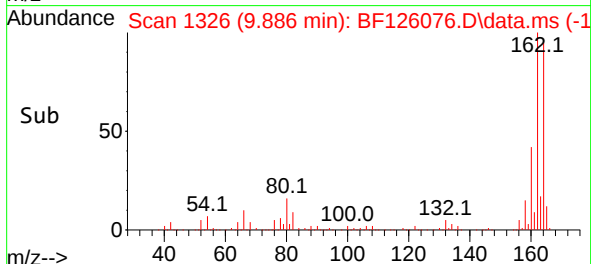
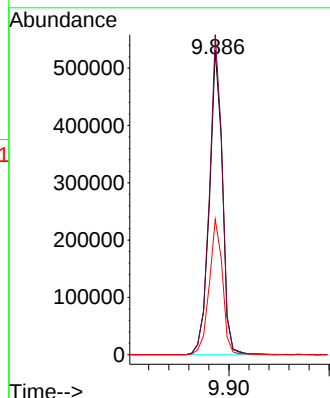
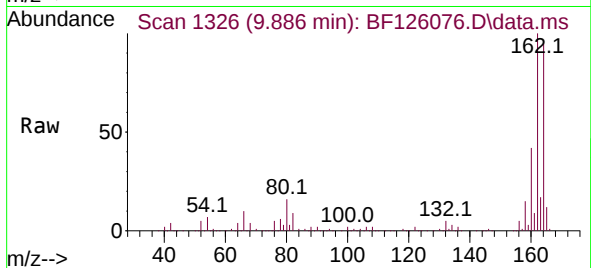
Tgt Ion:164 Resp: 479709

Ion Ratio Lower Upper

164 100

162 105.1 81.3 121.9

160 44.4 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 132.640 ng

RT: 10.680 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF126076.D

Acq: 9 Nov 2021 11:23

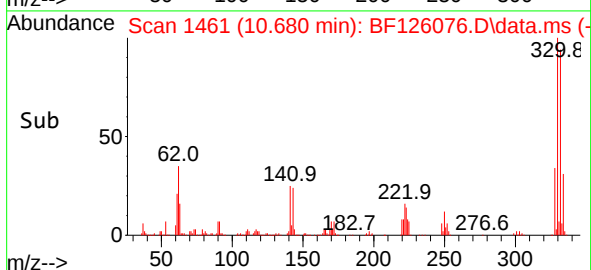
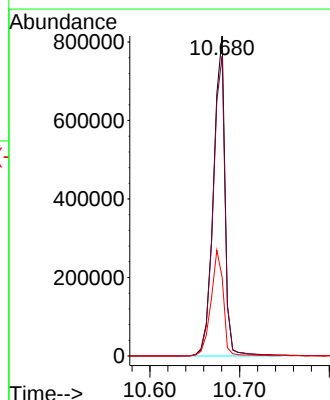
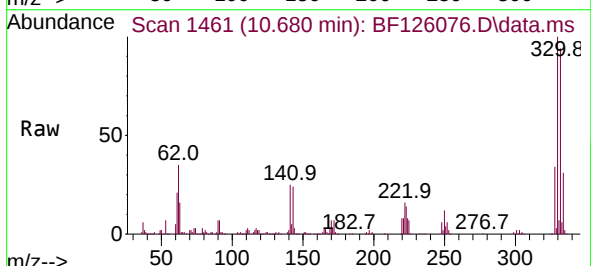
Tgt Ion:330 Resp: 729187

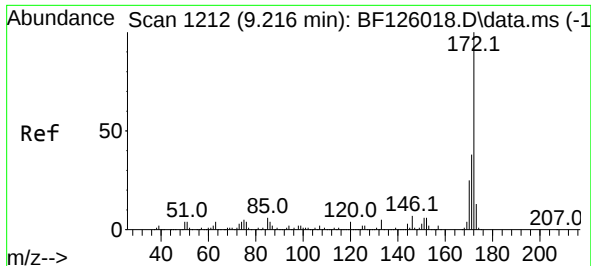
Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

141 35.3 44.6 66.8#

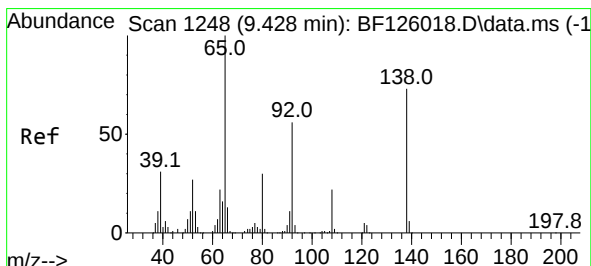
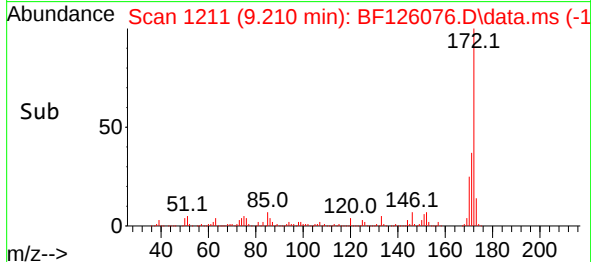
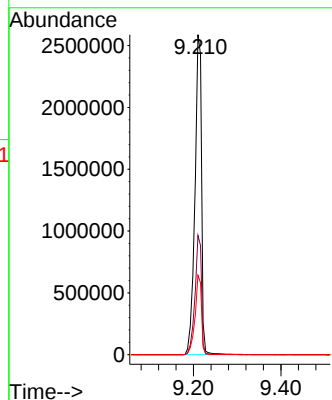
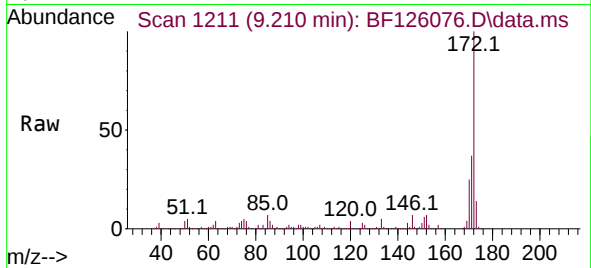




#45
2-Fluorobiphenyl
Concen: 76.995 ng
RT: 9.210 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF126076.D
Acq: 9 Nov 2021 11:23

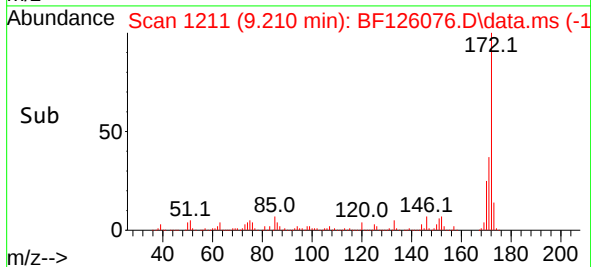
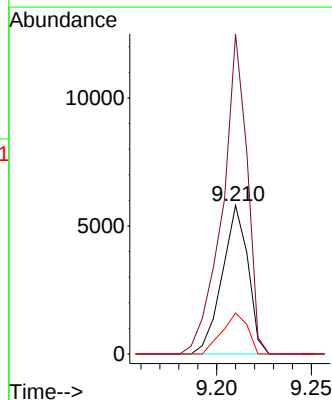
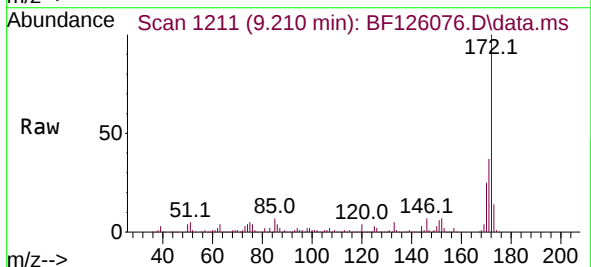
Instrument :
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ClientSampleId :
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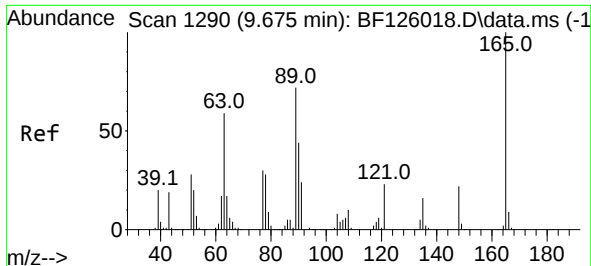
Tgt Ion:172 Resp: 2733167
Ion Ratio Lower Upper
172 100
171 37.2 26.5 39.7
170 24.8 18.8 28.2



#48
2-Nitroaniline
Concen: 3.392 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.218 min
Lab File: BF126076.D
Acq: 9 Nov 2021 11:23

Tgt Ion: 65 Resp: 5505
Ion Ratio Lower Upper
65 100
92 215.6 55.5 83.3#
138 27.6 93.5 140.3#





#51

2,6-Dinitrotoluene

Concen: 10.363 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.211 min

Lab File: BF126076.D

Acq: 9 Nov 2021 11:23

Instrument :

BNA_F

ClientSampleId :

PB140520BL

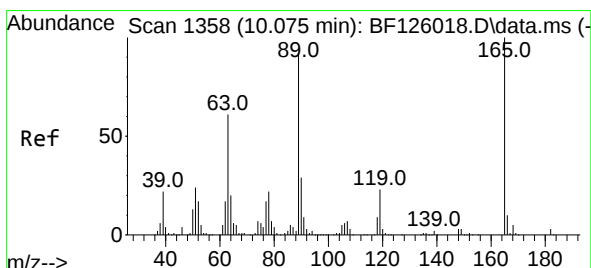
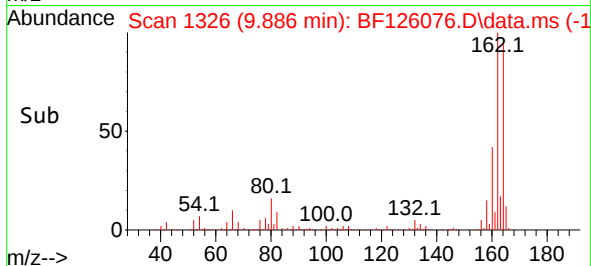
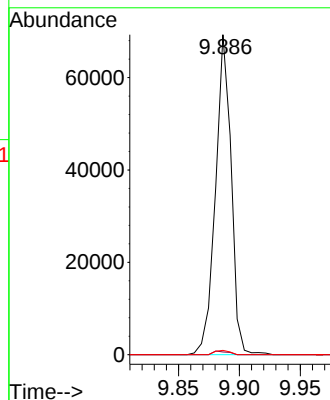
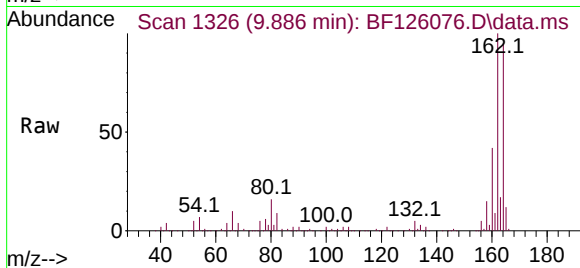
Tgt Ion:165 Resp: 62035

Ion Ratio Lower Upper

165 100

63 0.9 42.6 63.8#

89 1.3 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 9.884 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.189 min

Lab File: BF126076.D

Acq: 9 Nov 2021 11:23

Tgt Ion:165 Resp: 62035

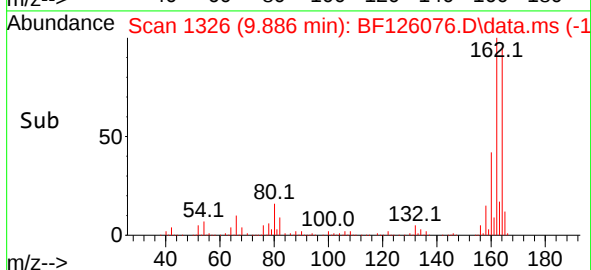
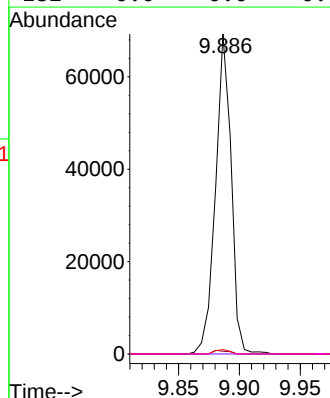
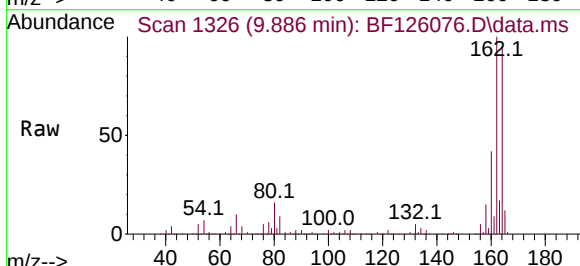
Ion Ratio Lower Upper

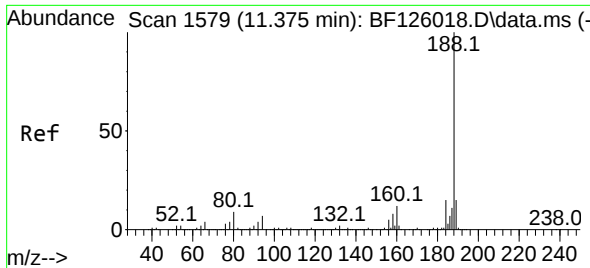
165 100

63 0.9 40.9 61.3#

89 1.3 59.7 89.5#

182 0.0 0.0 0.0

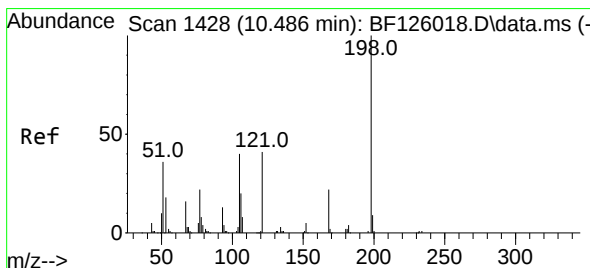
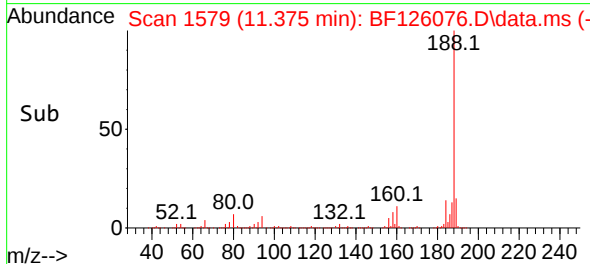
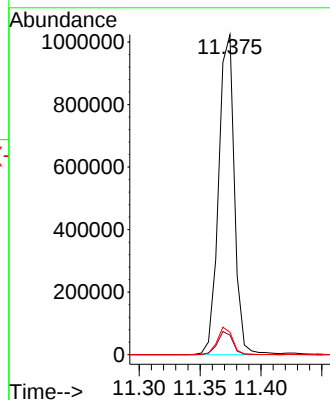
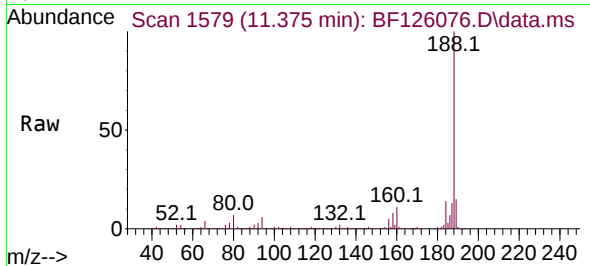




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126076.D
Acq: 9 Nov 2021 11:23

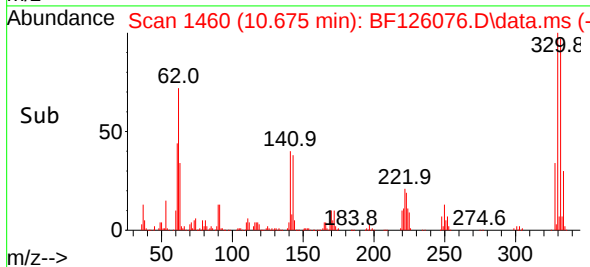
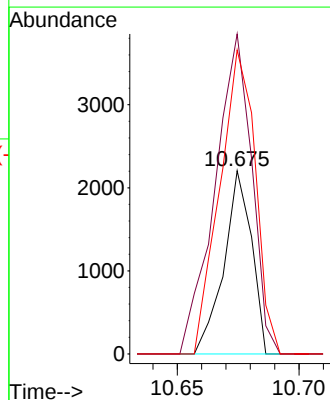
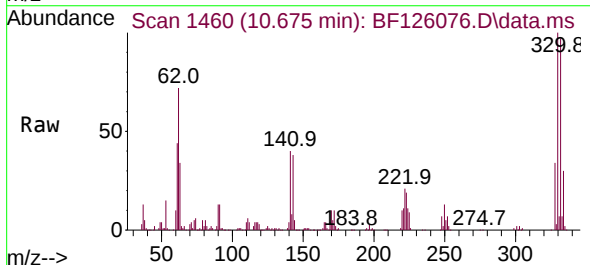
Instrument :
BNA_F
ClientSampleId :
PB140520BL

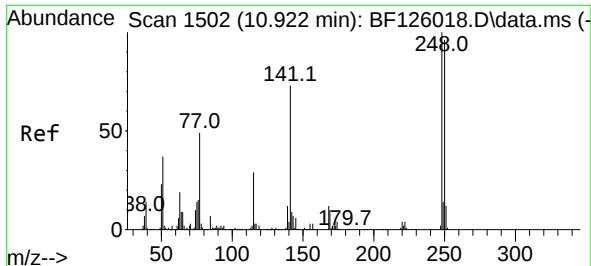
Tgt Ion:188 Resp: 927506
Ion Ratio Lower Upper
188 100
94 6.1 6.7 10.1#
80 7.0 7.5 11.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.639 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.189 min
Lab File: BF126076.D
Acq: 9 Nov 2021 11:23

Tgt Ion:198 Resp: 1740
Ion Ratio Lower Upper
198 100
51 174.6 45.3 85.3#
105 165.9 30.6 70.6#

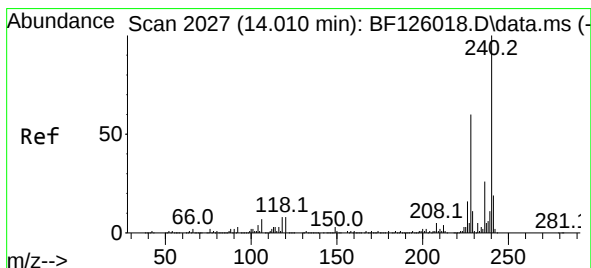
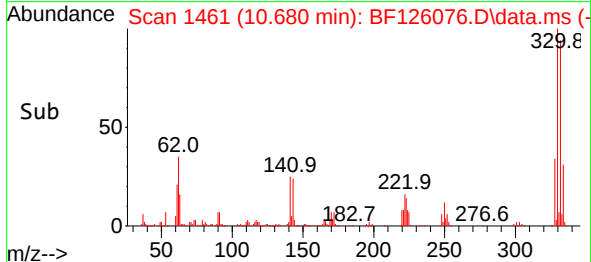
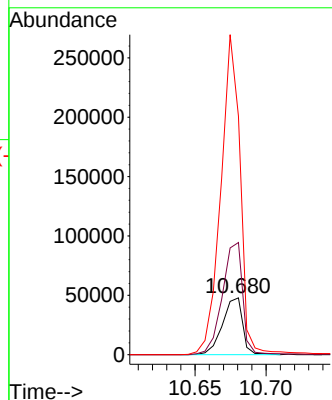
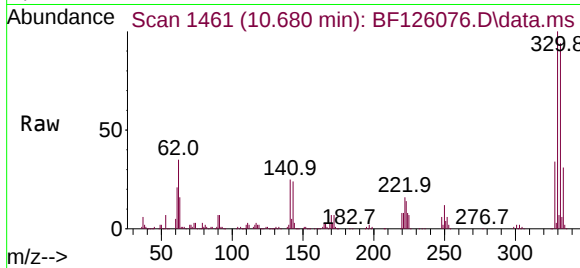




#67
4-Bromophenyl-phenylether
Concen: 4.218 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.242 min
Lab File: BF126076.D
Acq: 9 Nov 2021 11:23

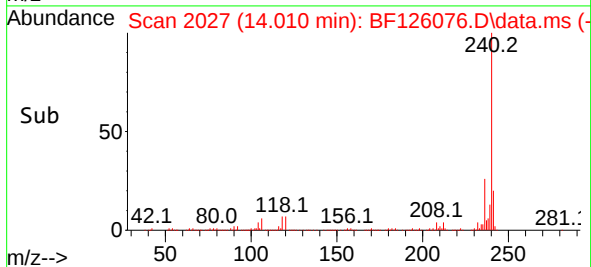
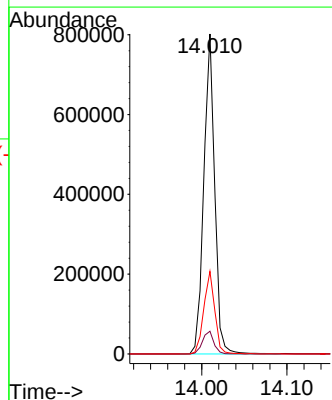
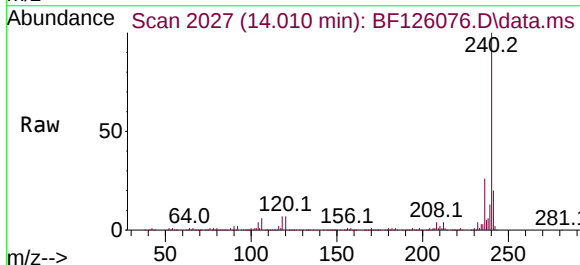
Instrument :
BNA_F
ClientSampleId :
PB140520BL

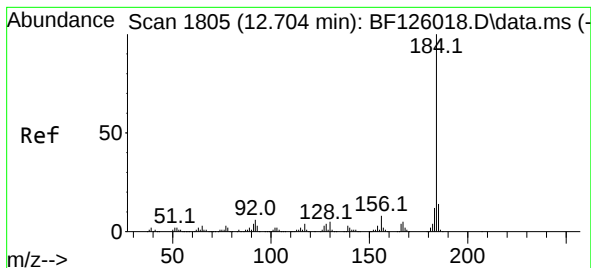
Tgt Ion:248 Resp: 47384
Ion Ratio Lower Upper
248 100
250 197.1 74.2 111.4#
141 419.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126076.D
Acq: 9 Nov 2021 11:23

Tgt Ion:240 Resp: 710797
Ion Ratio Lower Upper
240 100
120 7.1 10.8 16.2#
236 25.8 21.6 32.4





#77

Benzidine

Concen: 2.243 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.259 min

Lab File: BF126076.D

Acq: 9 Nov 2021 11:23

Instrument :

BNA_F

ClientSampleId :

PB140520BL

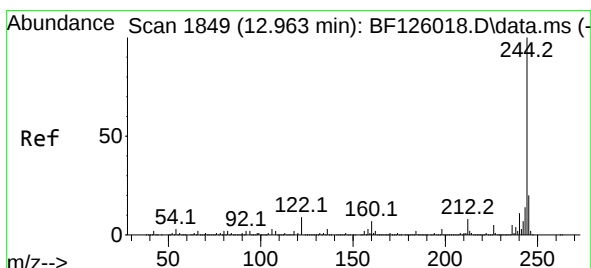
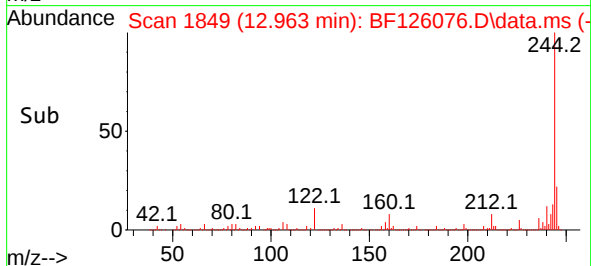
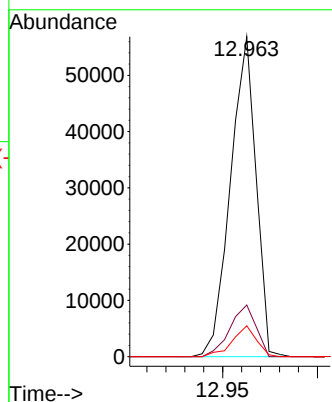
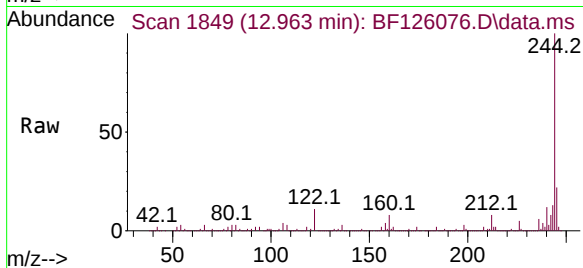
Tgt Ion:184 Resp: 53298

Ion Ratio Lower Upper

184 100

185 16.1 10.8 16.2

183 9.7 8.1 12.1



#79

Terphenyl-d14

Concen: 77.582 ng

RT: 12.963 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BF126076.D

Acq: 9 Nov 2021 11:23

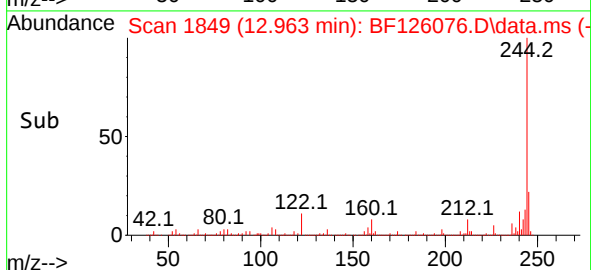
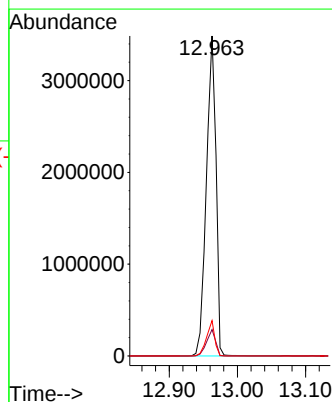
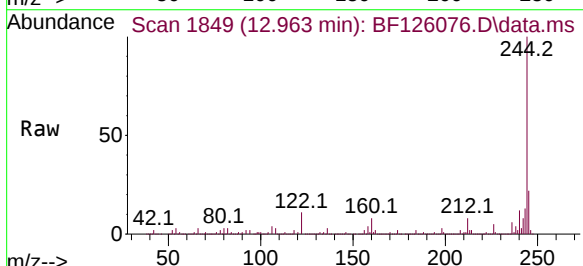
Tgt Ion:244 Resp: 3419759

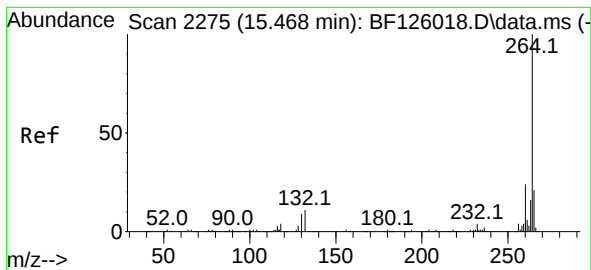
Ion Ratio Lower Upper

244 100

212 8.3 5.9 8.9

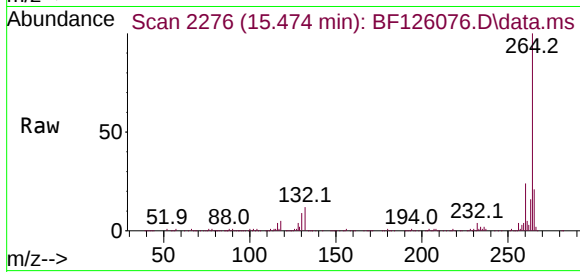
122 11.1 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126076.D
 Acq: 9 Nov 2021 11:23

Instrument :
 BNA_F
 ClientSampleId :
 PB140520BL



Tgt Ion:264 Resp: 529681

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.1	17.2	25.8

