

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126054.D
 Acq On : 4 Nov 2021 19:39
 Operator : JU/CG
 Sample : M4498-04 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-MD

Quant Time: Nov 08 09:51:22 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)

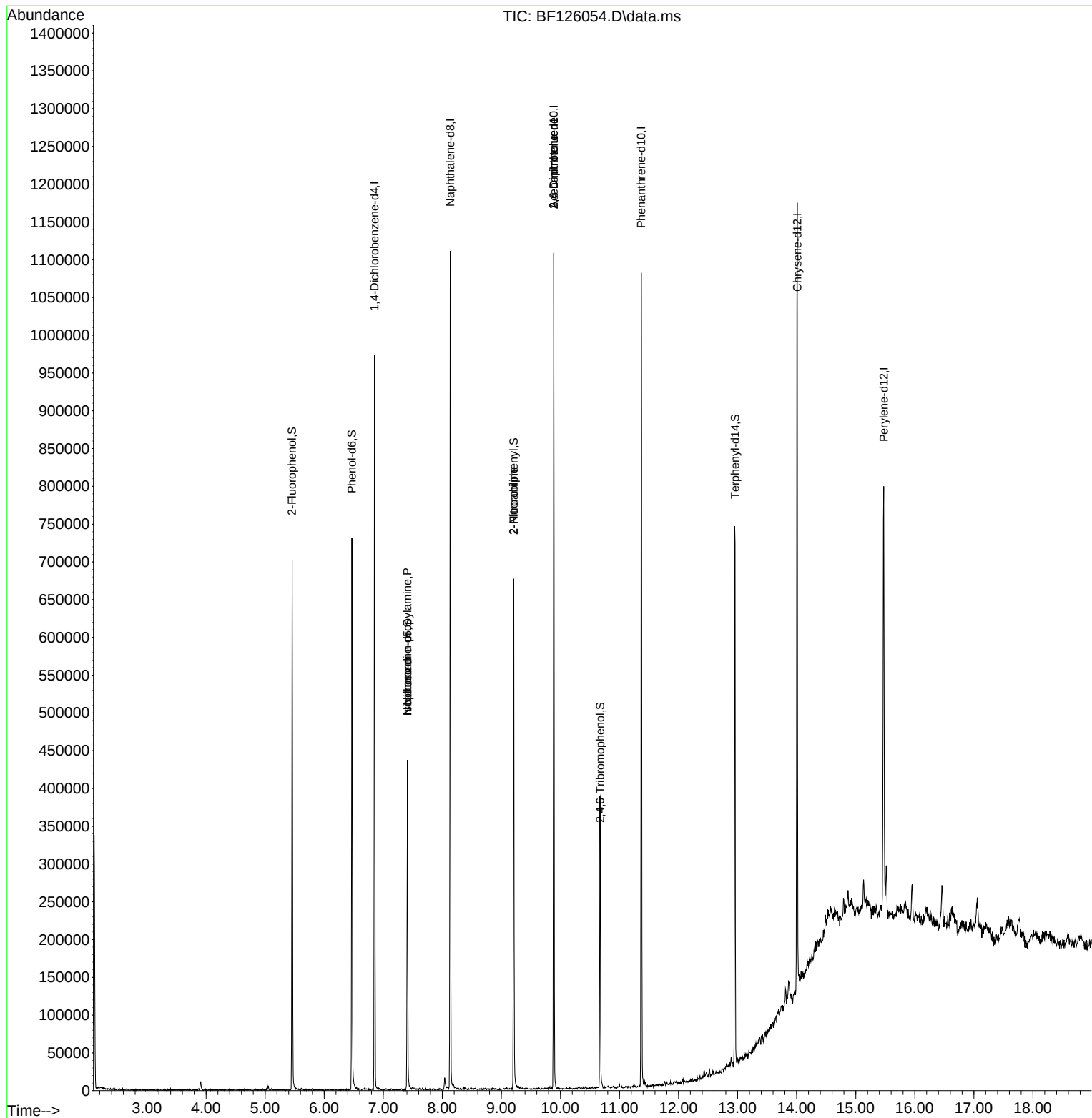
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	134588	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	418364	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	205945	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	376120	20.000	ng	0.00
76) Chrysene-d12	14.010	240	353778	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	265086	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	142966	18.242	ng	0.00
7) Phenol-d6	6.469	99	171594	15.532	ng	-0.02
23) Nitrobenzene-d5	7.410	82	120018	13.529	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	38152	16.165	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	202881	13.313	ng	0.00
79) Terphenyl-d14	12.957	244	231798	10.566	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.469	77	535	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	16254	2.232	ng	# 66
25) Isophorone	7.410	82	120017	7.514	ng	# 59
48) 2-Nitroaniline	9.210	65	351	2.930	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	27232	10.596	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	27232	10.036	ng	# 20

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

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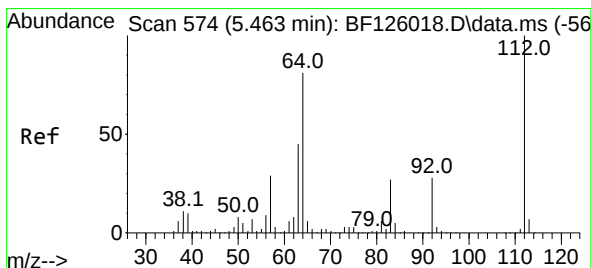
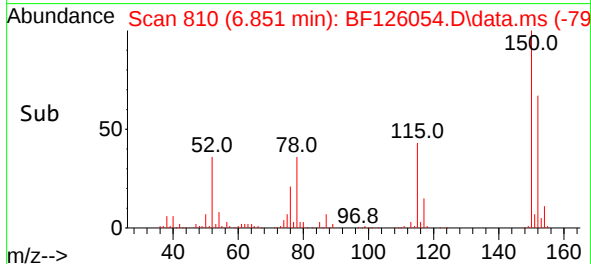
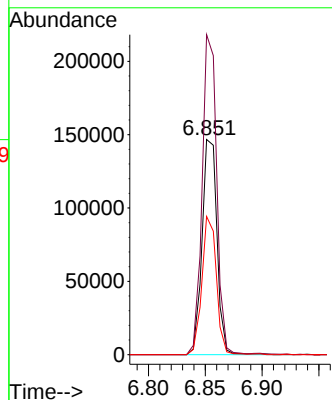
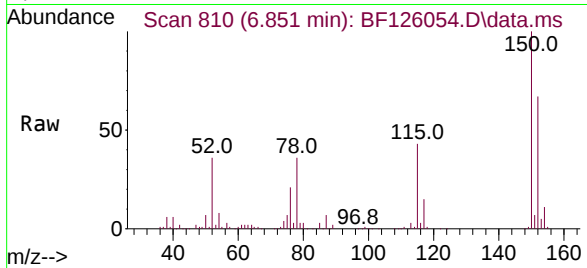




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

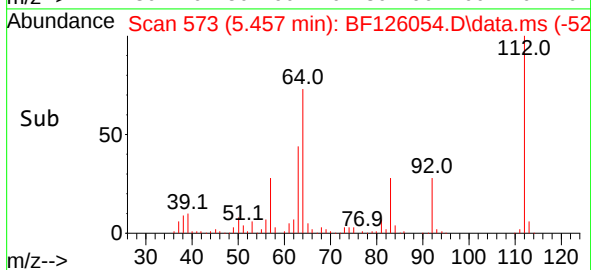
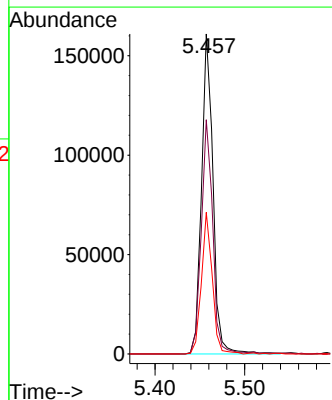
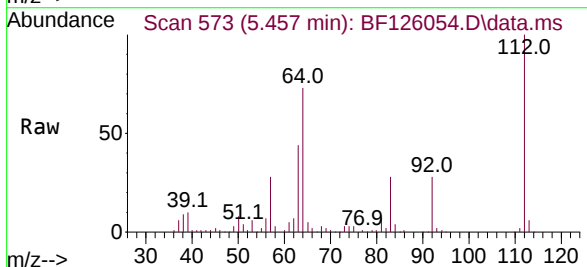
Instrument :
BNA_F
ClientSampleId :
WC-2-MD

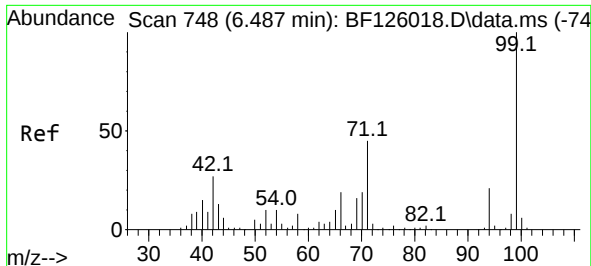
Tgt Ion:152 Resp: 134588
Ion Ratio Lower Upper
152 100
150 148.7 117.6 176.4
115 64.2 47.1 70.7



#5
2-Fluorophenol
Concen: 18.242 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

Tgt Ion:112 Resp: 142966
Ion Ratio Lower Upper
112 100
64 73.2 44.2 66.2#
63 44.2 26.2 39.2#





#7

Phenol-d6

Concen: 15.532 ng

RT: 6.469 min Scan# 74

Delta R.T. -0.018 min

Lab File: BF126054.D

Acq: 4 Nov 2021 19:39

Instrument :

BNA_F

ClientSampleId :

WC-2-MD

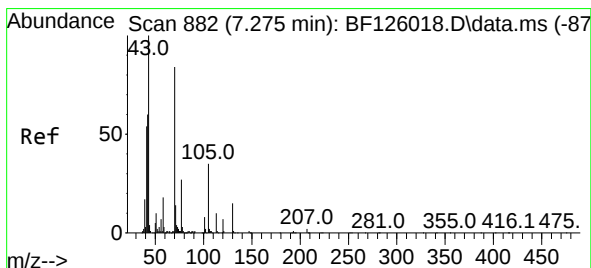
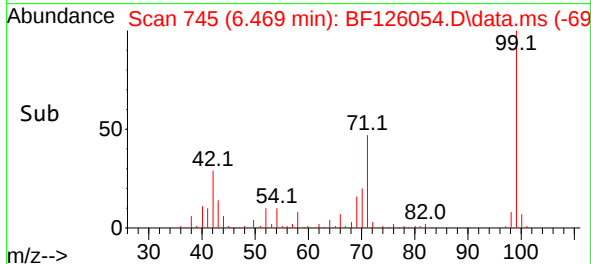
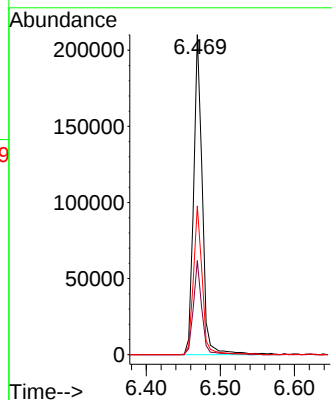
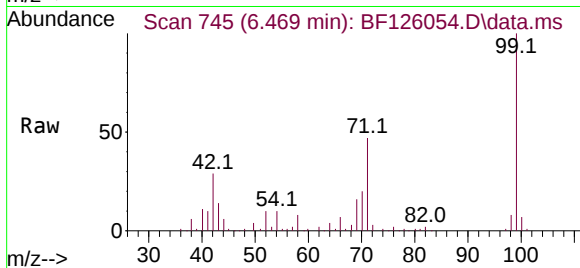
Tgt Ion: 99 Resp: 171594

Ion Ratio Lower Upper

99 100

42 29.4 23.5 35.3

71 46.5 25.6 38.4#



#19

n-Nitroso-di-n-propylamine

Concen: 2.232 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.135 min

Lab File: BF126054.D

Acq: 4 Nov 2021 19:39

Tgt Ion: 70 Resp: 16254

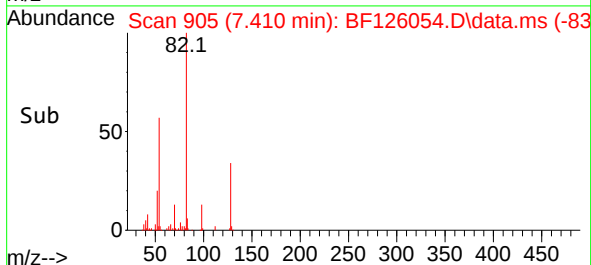
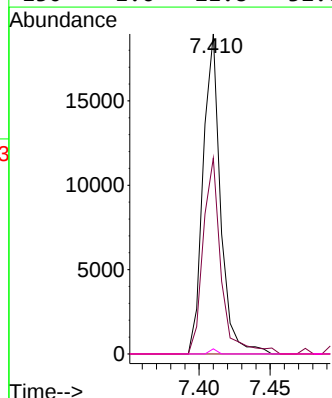
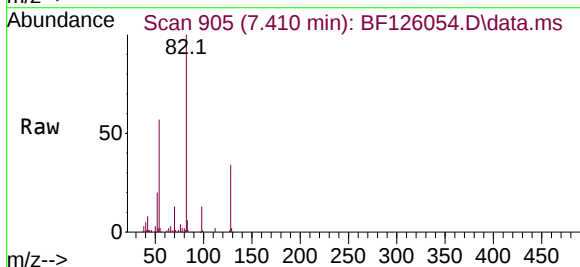
Ion Ratio Lower Upper

70 100

42 61.2 72.2 108.2#

101 0.0 7.8 11.8#

130 1.6 21.8 32.6#

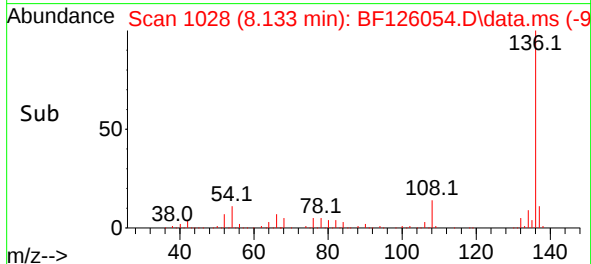
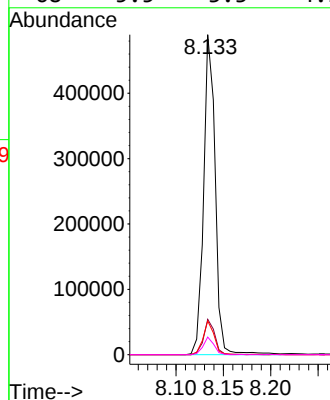
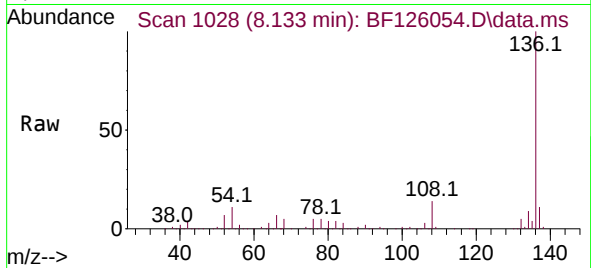




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

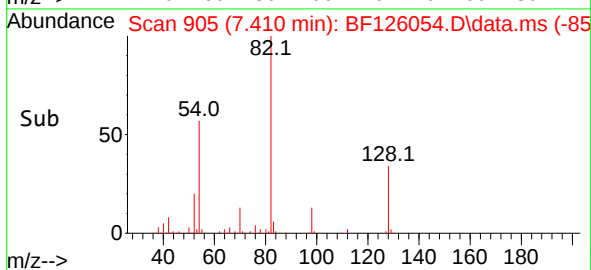
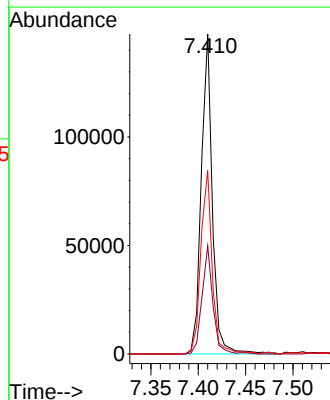
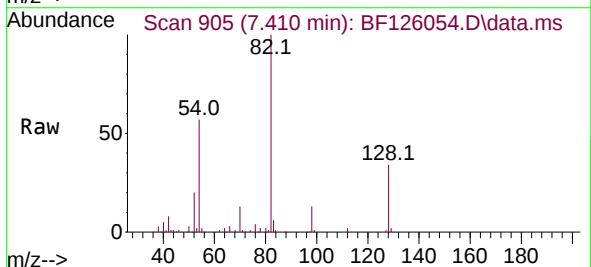
Instrument :
BNA_F
ClientSampleId :
WC-2-MD

Tgt Ion:	136	Resp:	418364
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.8	14.6
54	10.5	6.4	9.6#
68	5.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 13.529 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

Tgt Ion:	82	Resp:	120018
Ion Ratio	Lower	Upper	
82	100		
128	33.8	40.6	60.8#
54	57.4	49.6	74.4

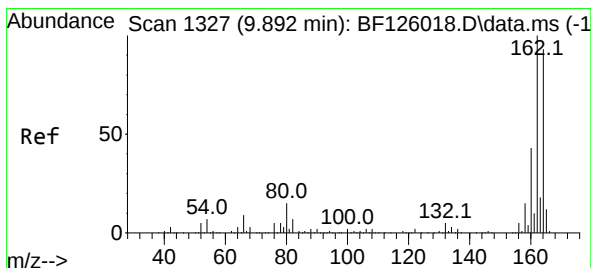
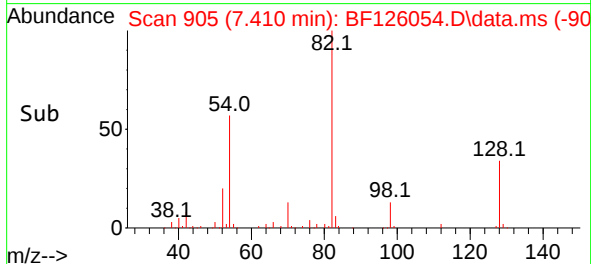
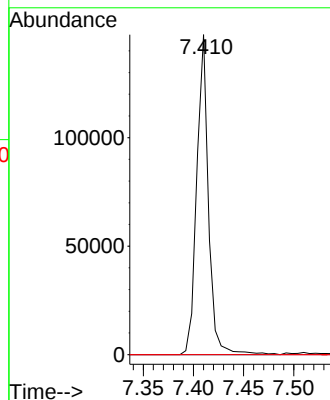
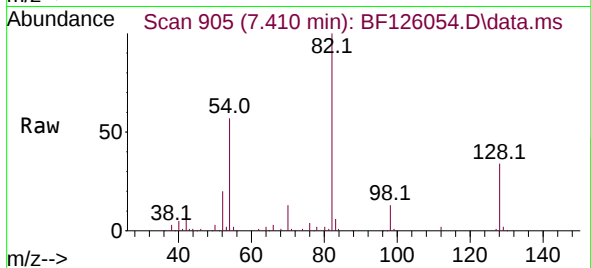




#25
Isophorone
Concen: 7.514 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

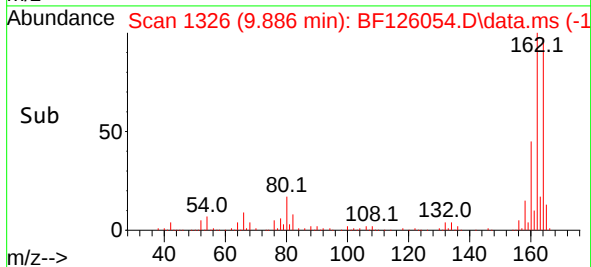
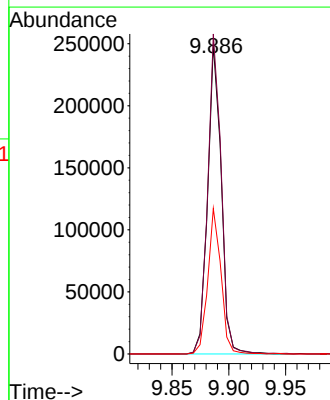
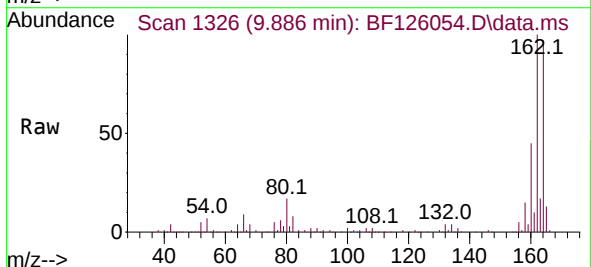
Instrument :
BNA_F
ClientSampleId :
WC-2-MD

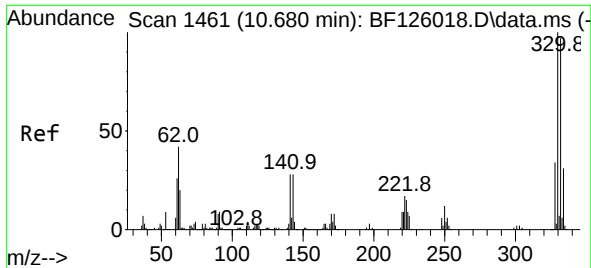
Tgt Ion: 82 Resp: 120017
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

Tgt Ion: 164 Resp: 205945
Ion Ratio Lower Upper
164 100
162 103.5 81.3 121.9
160 47.1 38.0 57.0

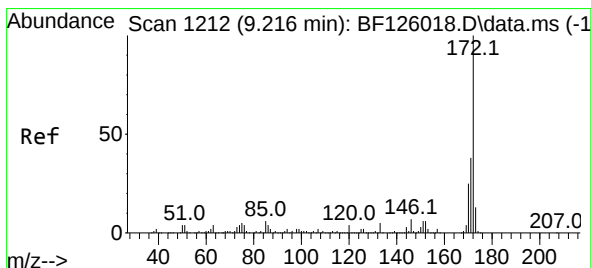
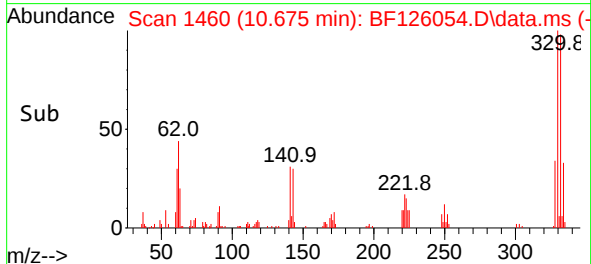
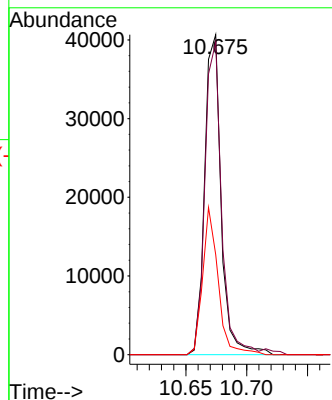
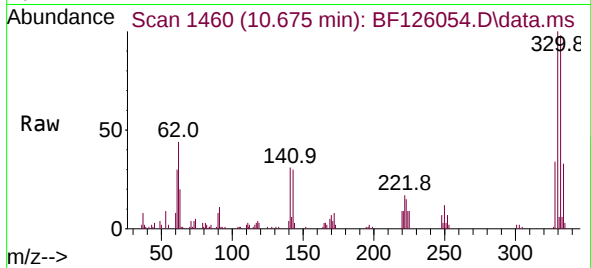




#42
2,4,6-Tribromophenol
Concen: 16.165 ng
RT: 10.675 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

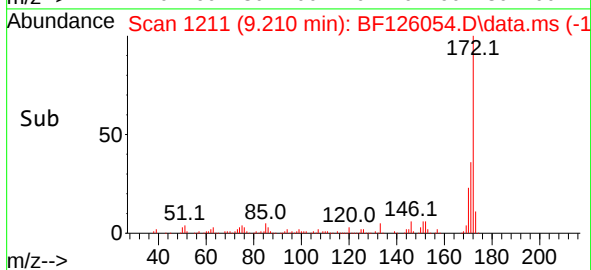
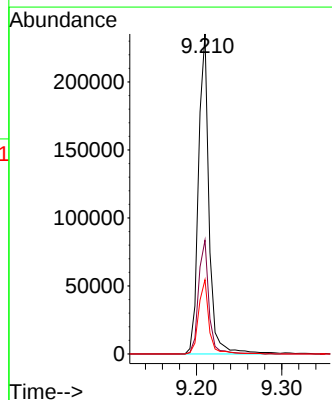
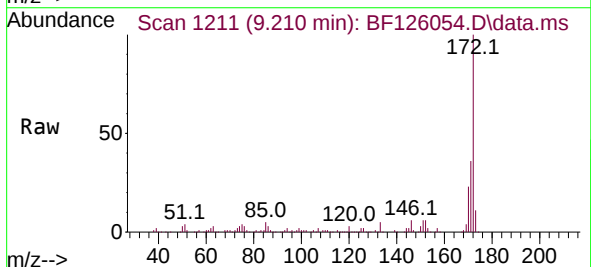
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BNA_F
ClientSampleId :
WC-2-MD

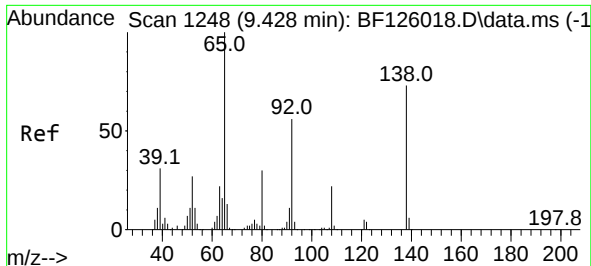
Tgt Ion:330 Resp: 38152
Ion Ratio Lower Upper
330 100
332 100.0 76.2 114.4
141 43.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 13.313 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

Tgt Ion:172 Resp: 202881
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 23.2 18.8 28.2





#48

2-Nitroaniline

Concen: 2.930 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.218 min

Lab File: BF126054.D

Acq: 4 Nov 2021 19:39

Instrument :

BNA_F

ClientSampleId :

WC-2-MD

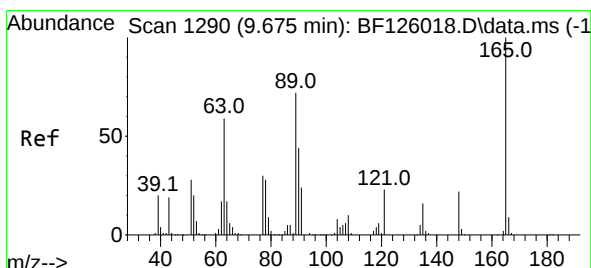
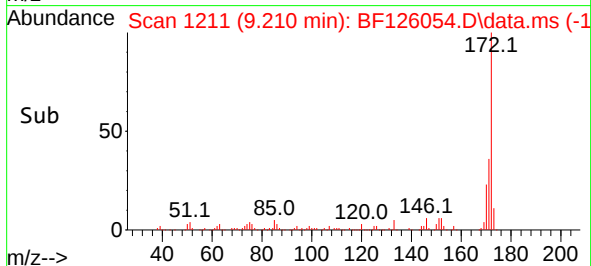
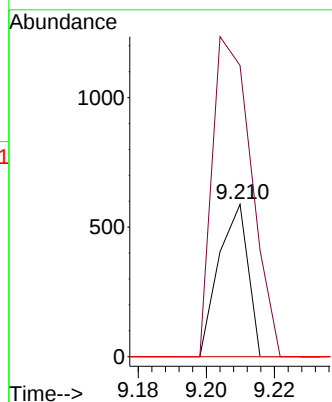
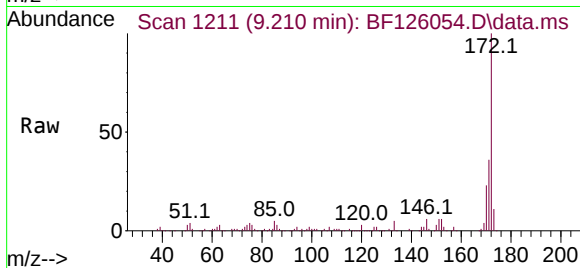
Tgt Ion: 65 Resp: 351

Ion Ratio Lower Upper

65 100

92 191.2 55.5 83.3#

138 0.0 93.5 140.3#



#51

2,6-Dinitrotoluene

Concen: 10.596 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.211 min

Lab File: BF126054.D

Acq: 4 Nov 2021 19:39

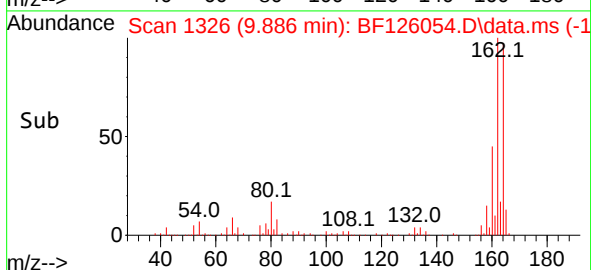
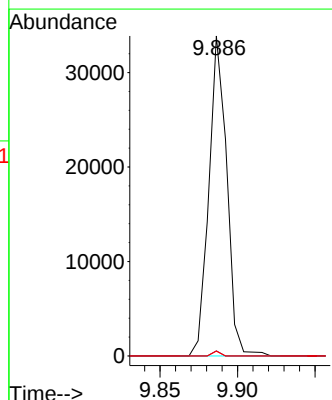
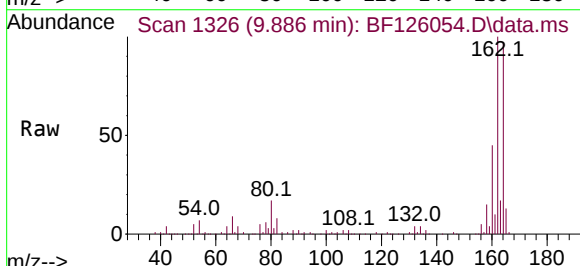
Tgt Ion:165 Resp: 27232

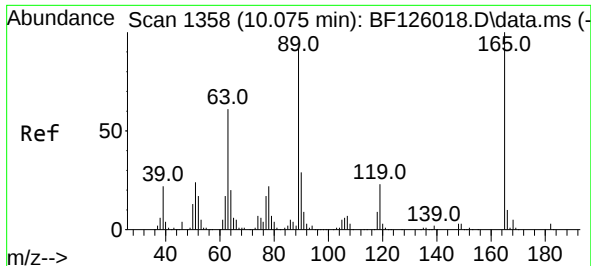
Ion Ratio Lower Upper

165 100

63 1.6 42.6 63.8#

89 1.5 40.6 60.8#

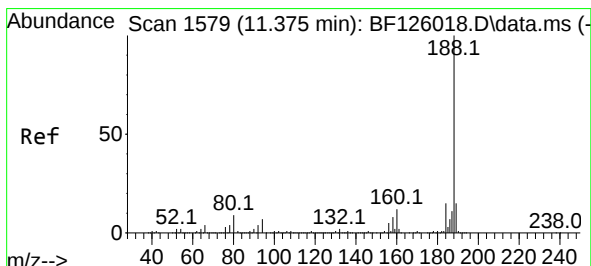
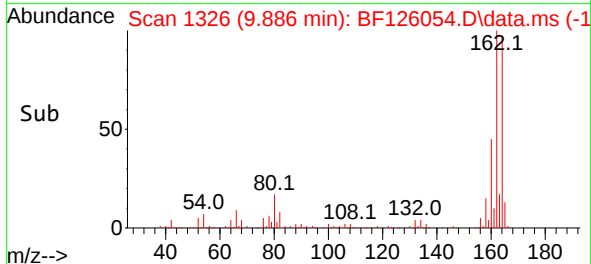
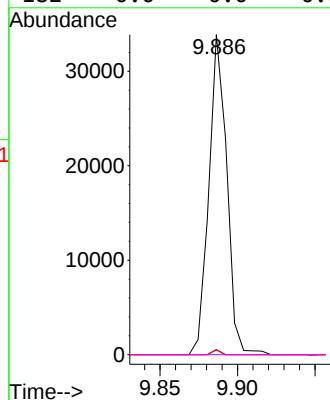
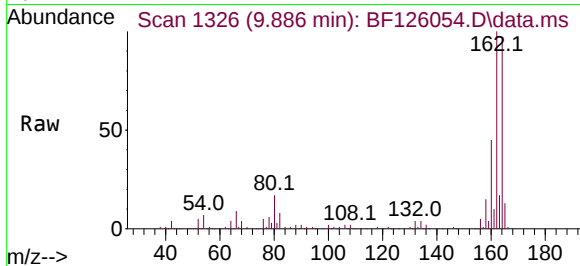




#57
2,4-Dinitrotoluene
Concen: 10.036 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

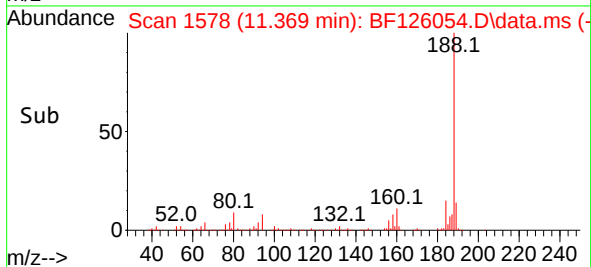
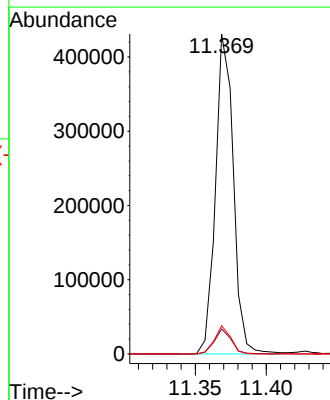
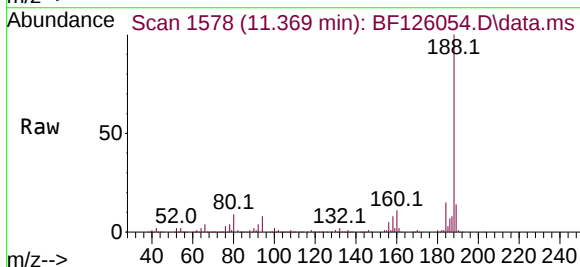
Instrument :
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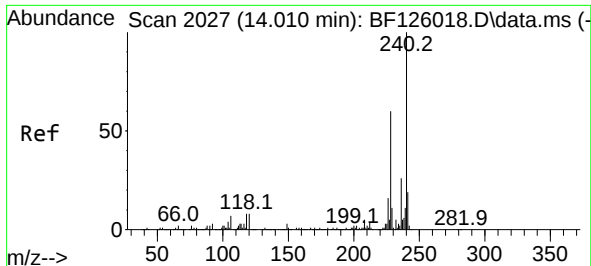
Tgt Ion:165 Resp: 27232
Ion Ratio Lower Upper
165 100
63 1.6 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

Tgt Ion:188 Resp: 376120
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.8 7.5 11.3

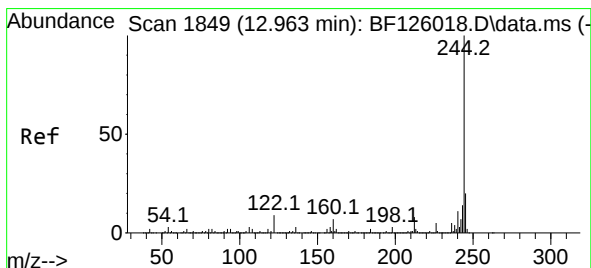
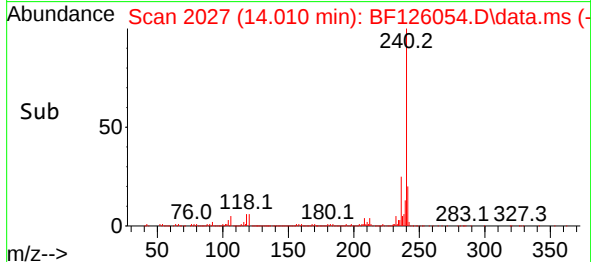
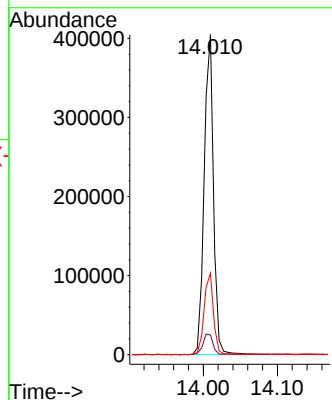
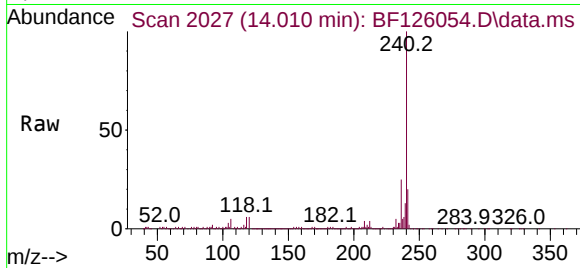




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

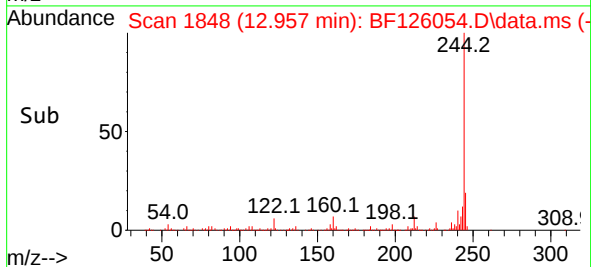
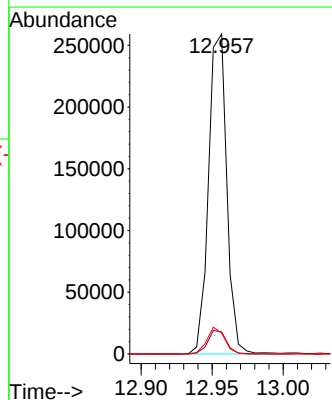
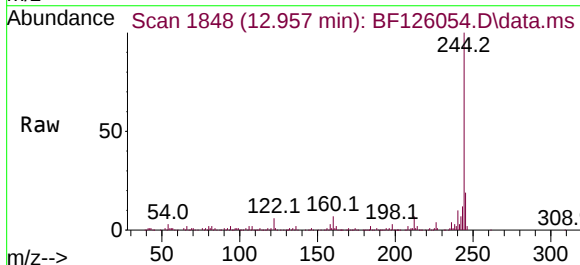
Instrument :
BNA_F
ClientSampleId :
WC-2-MD

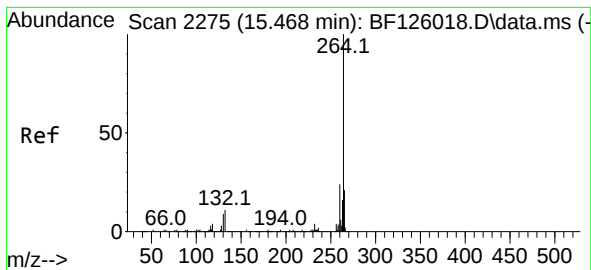
Tgt Ion:240 Resp: 353778
Ion Ratio Lower Upper
240 100
120 6.2 10.8 16.2#
236 25.4 21.6 32.4



#79
Terphenyl-d14
Concen: 10.566 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

Tgt Ion:244 Resp: 231798
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 6.5 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: BF126054.D
Acq: 4 Nov 2021 19:39

Instrument :
BNA_F
ClientSampleId :
WC-2-MD

Tgt Ion:264 Resp: 265086

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	20.8	17.2	25.8

