

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
 Data File : BF126034.D
 Acq On : 3 Nov 2021 23:04
 Operator : JU/CG
 Sample : M4449-04 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

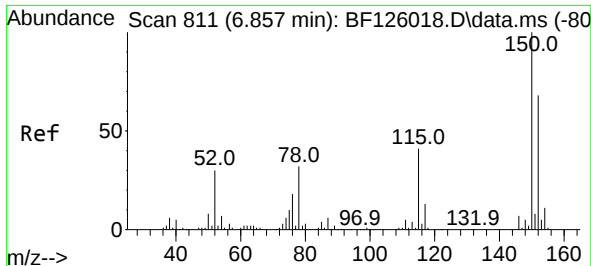
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 04 10:13:27 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)

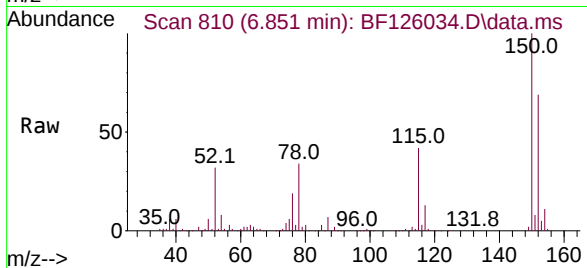
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	157070	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	558490	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	285284	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	409905	20.000	ng	0.00
76) Chrysene-d12	14.009	240	333077	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	248794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	58150	6.358	ng	-0.01
7) Phenol-d6	6.463	99	90406	7.012	ng	-0.02
23) Nitrobenzene-d5	7.404	82	69572	5.875	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	13056	3.993	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	141492	6.702	ng	-0.01
79) Terphenyl-d14	12.951	244	117070	5.668	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.469	77	276	Below Cal	#	1
25) Isophorone	7.404	82	69423	3.256	ng	# 59
32) Benzoic acid	8.133	122	114	9.161	ng	# 1
48) 2-Nitroaniline	9.416	65	119	2.869	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	40332	11.329	ng	# 29
54) 2,4-Dinitrophenol	10.180	184	590	7.155	ng	# 86
57) 2,4-Dinitrotoluene	10.086	165	1751	3.484	ng	# 59
65) 4,6-Dinitro-2-methylph...	10.533	198	308	8.446	ng	# 1
66) n-Nitrosodiphenylamine	10.545	169	27710	2.123	ng	# 44
71) Phenanthrene	11.392	178	158459	7.128	ng	# 92
75) Fluoranthene	12.580	202	51345	2.074	ng	90
78) Pyrene	12.810	202	84997	3.182	ng	96
84) Bis(2-ethylhexyl)phtha...	13.998	149	152365	11.299	ng	# 98

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

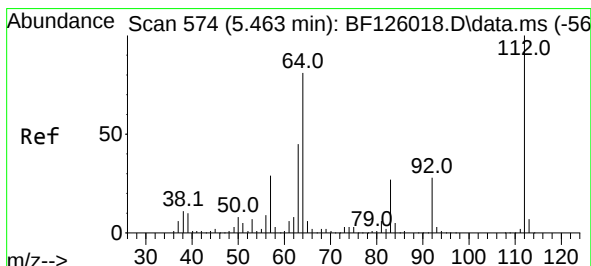
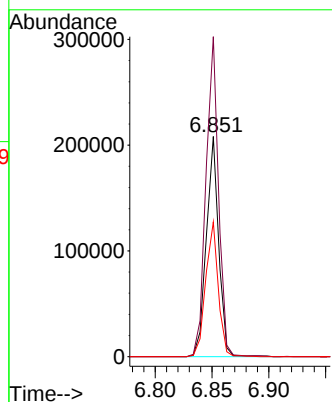
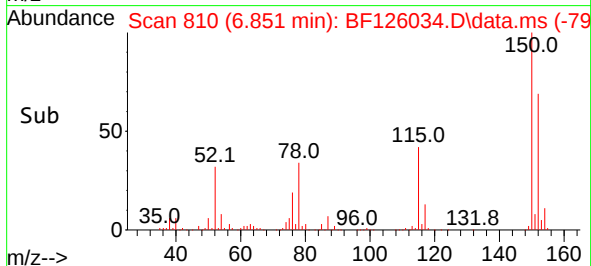


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

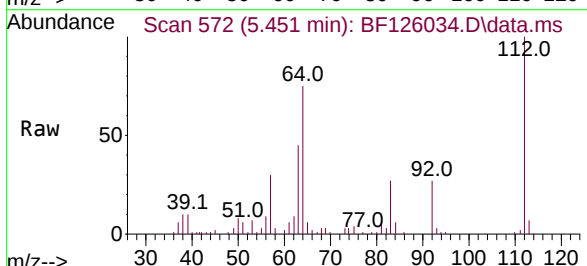
Instrument :
BNA_F
ClientSampleId :



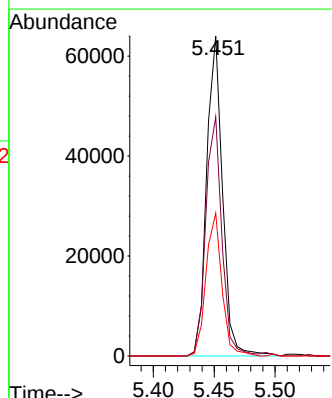
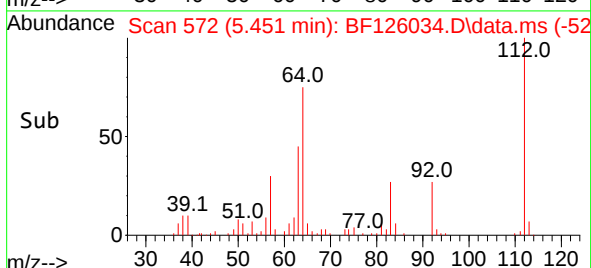
Tgt Ion:152 Resp: 157070
Ion Ratio Lower Upper
152 100
150 145.3 117.6 176.4
115 61.2 47.1 70.7

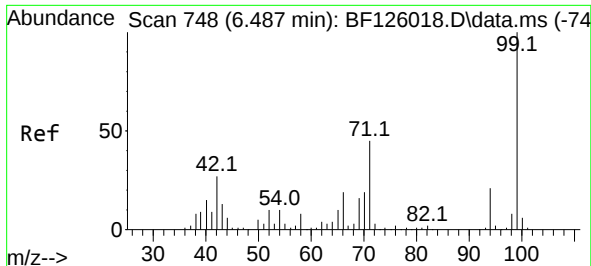


#5
2-Fluorophenol
Concen: 6.358 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04



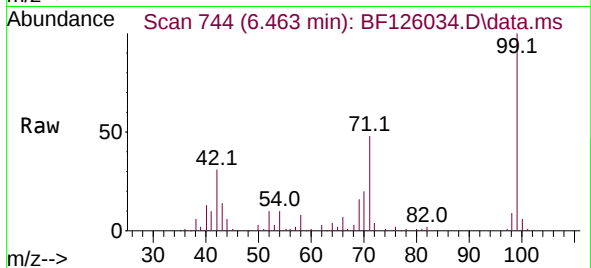
Tgt Ion:112 Resp: 58150
Ion Ratio Lower Upper
112 100
64 74.8 44.2 66.2#
63 44.6 26.2 39.2#



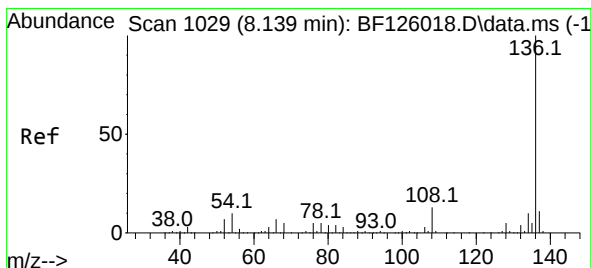
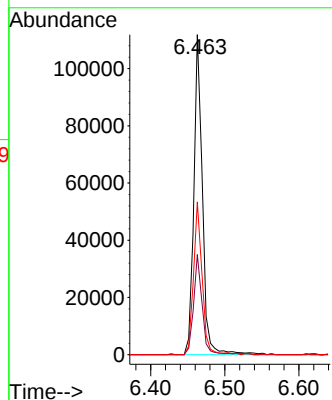
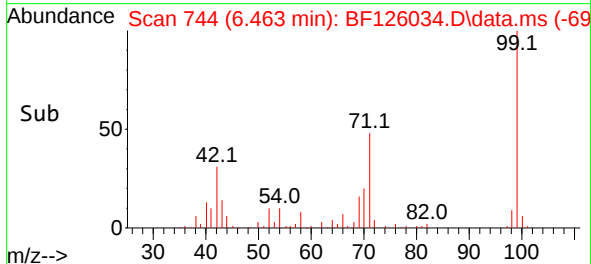


#7
Phenol-d6
Concen: 7.012 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.024 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

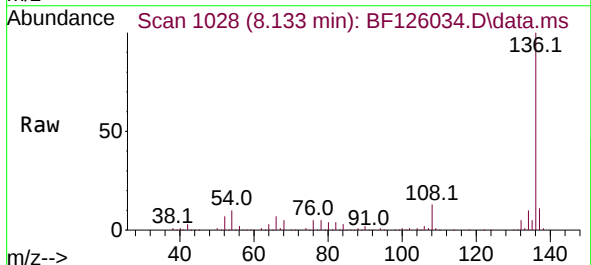
Instrument :
BNA_F
ClientSampleId :



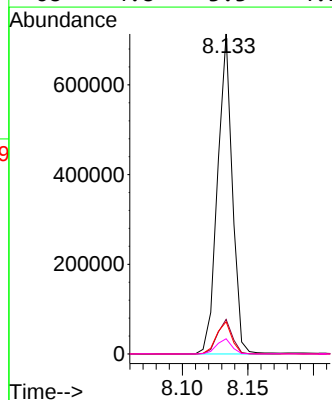
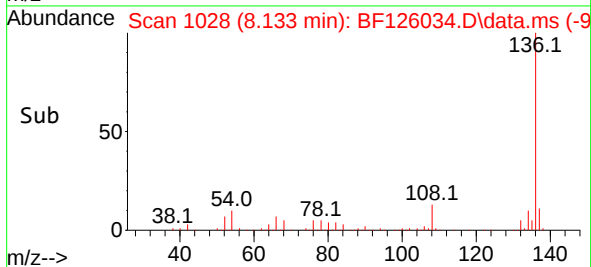
Tgt Ion: 99 Resp: 90406
Ion Ratio Lower Upper
99 100
42 31.3 23.5 35.3
71 47.7 25.6 38.4#

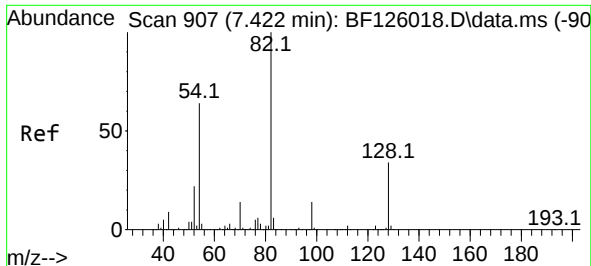


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04



Tgt Ion: 136 Resp: 558490
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.1 6.4 9.6#
68 4.8 3.3 4.9





#23

Nitrobenzene-d5

Concen: 5.875 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.018 min

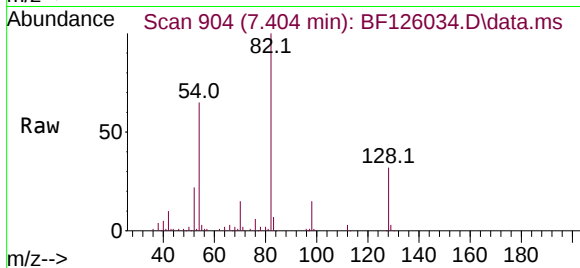
Lab File: BF126034.D

Acq: 3 Nov 2021 23:04

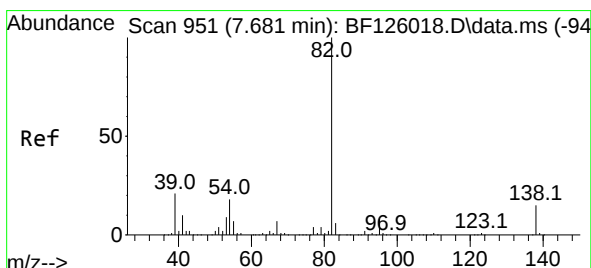
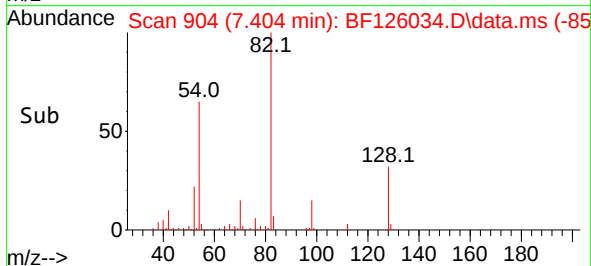
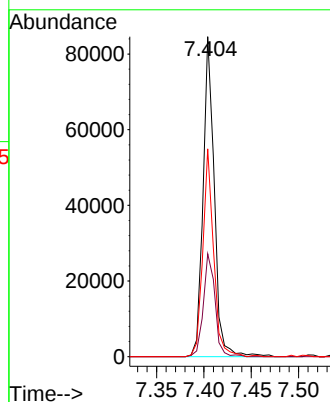
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	82	Resp:	69572
Ion Ratio	Lower	Upper	
82	100		
128	32.1	40.6	60.8#
54	64.9	49.6	74.4



#25

Isophorone

Concen: 3.256 ng

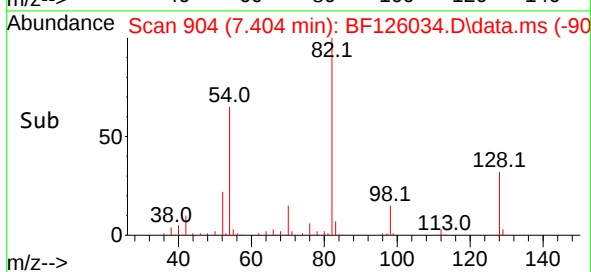
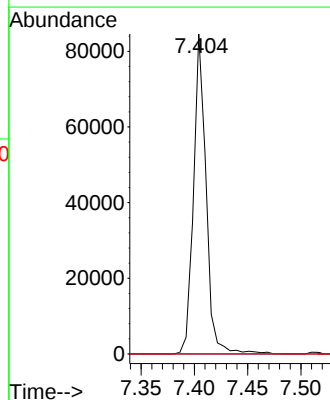
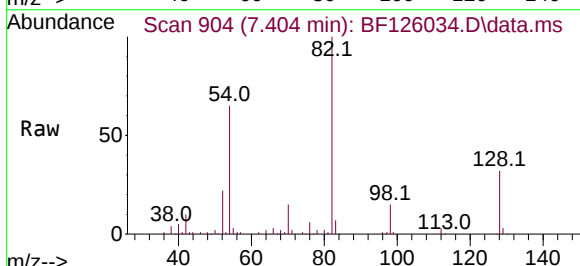
RT: 7.404 min Scan# 904

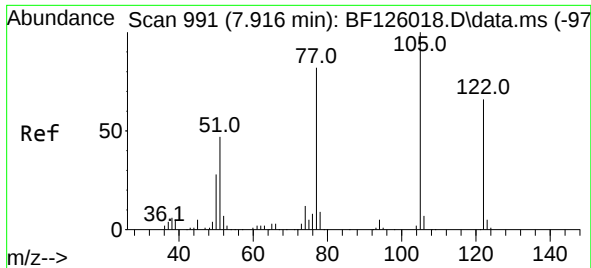
Delta R.T. -0.277 min

Lab File: BF126034.D

Acq: 3 Nov 2021 23:04

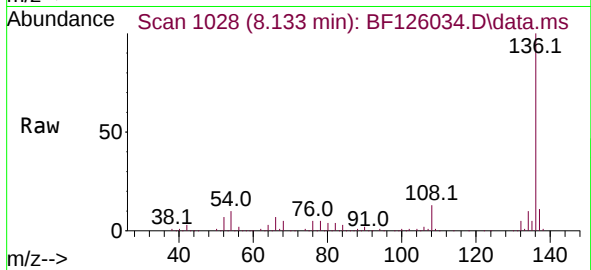
Tgt Ion:	82	Resp:	69423
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#



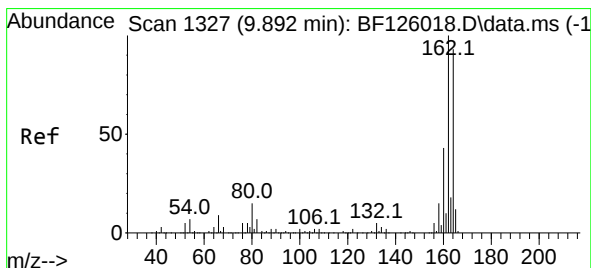
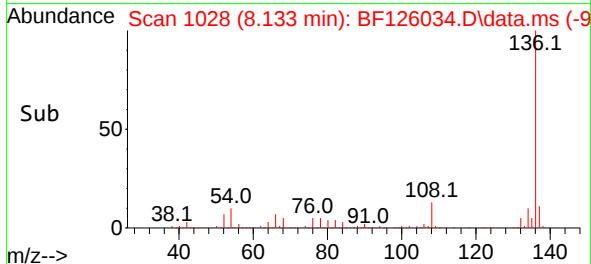
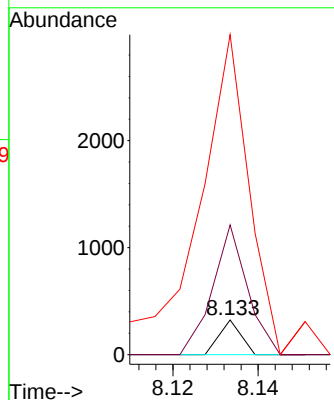


#32
Benzoic acid
Concen: 9.161 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.217 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

Instrument :
BNA_F
ClientSampleId :

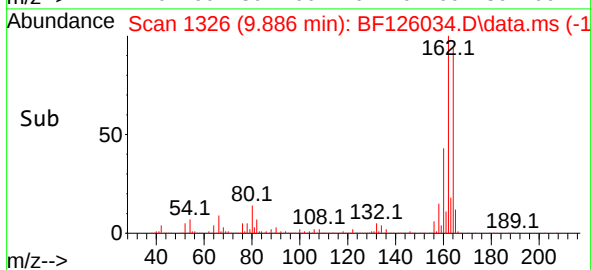
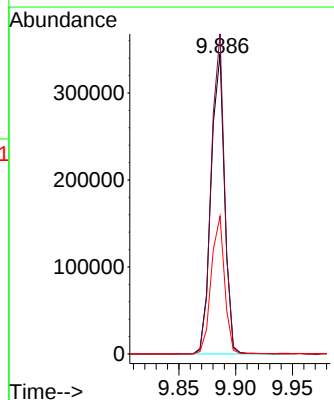
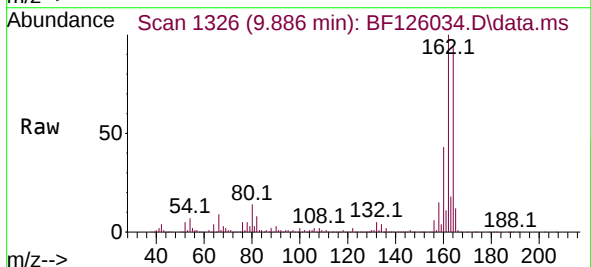


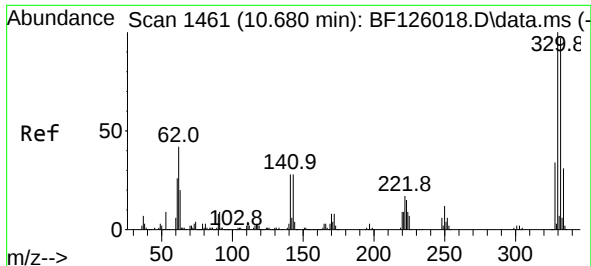
Tgt Ion:122 Resp: 114
Ion Ratio Lower Upper
122 100
105 374.1 97.6 137.6#
77 922.8 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

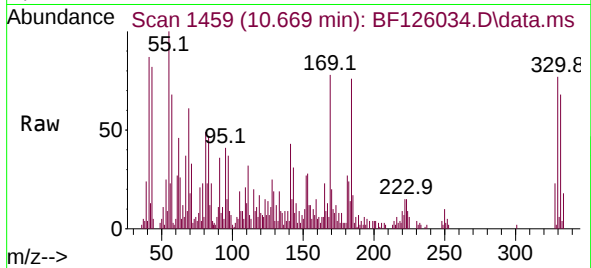
Tgt Ion:164 Resp: 285284
Ion Ratio Lower Upper
164 100
162 106.7 81.3 121.9
160 45.9 38.0 57.0



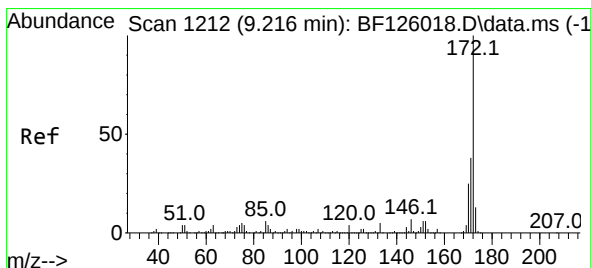
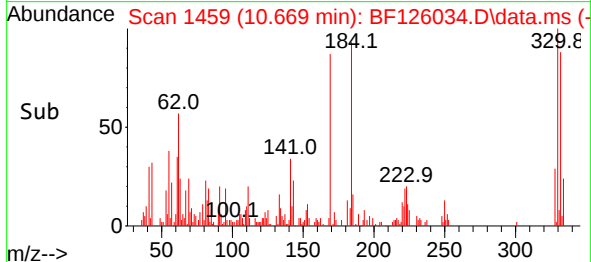
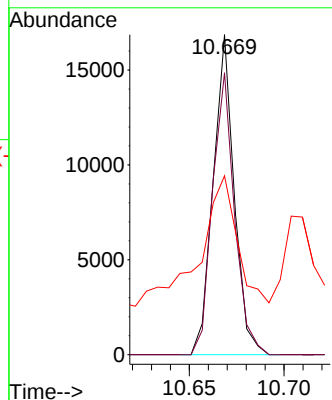


#42
2,4,6-Tribromophenol
Concen: 3.993 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

Instrument :
BNA_F
ClientSampleId :

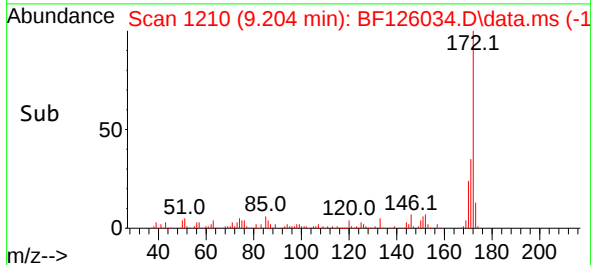
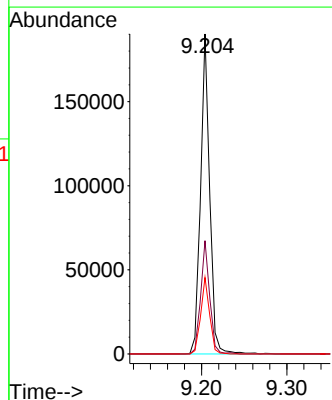
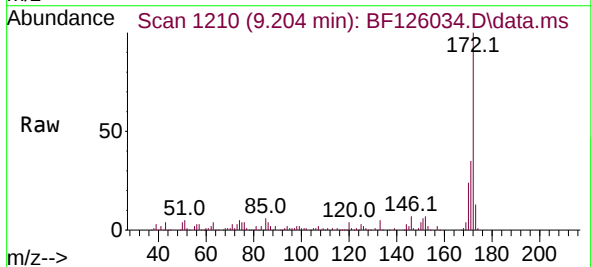


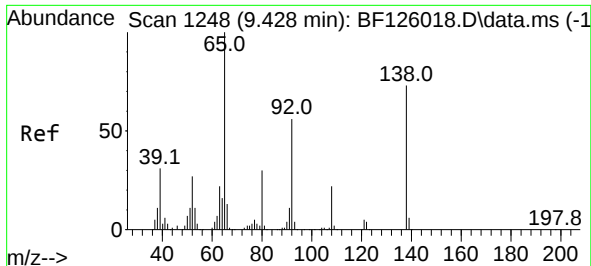
Tgt Ion:330 Resp: 13056
Ion Ratio Lower Upper
330 100
332 92.2 76.2 114.4
141 72.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 6.702 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

Tgt Ion:172 Resp: 141492
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.9 18.8 28.2

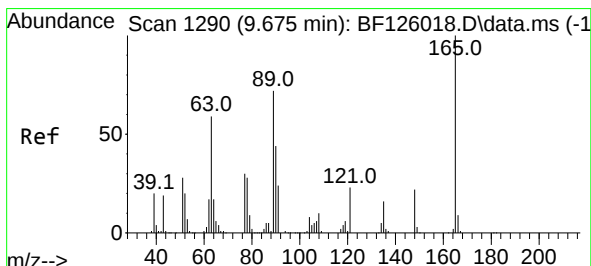
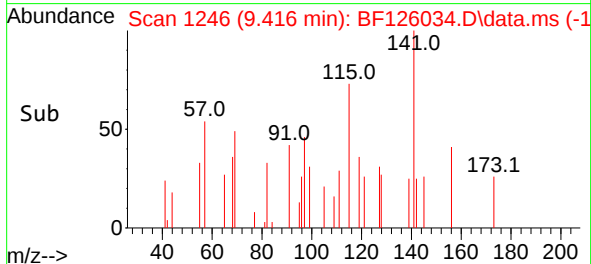
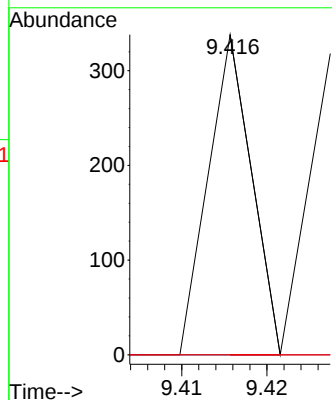
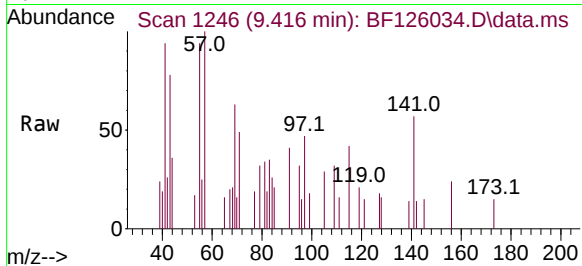




#48
2-Nitroaniline
Concen: 2.869 ng
RT: 9.416 min Scan# 119
Delta R.T. -0.012 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

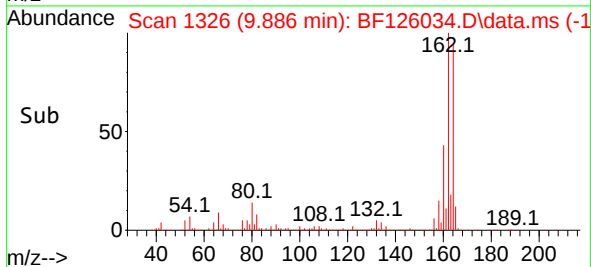
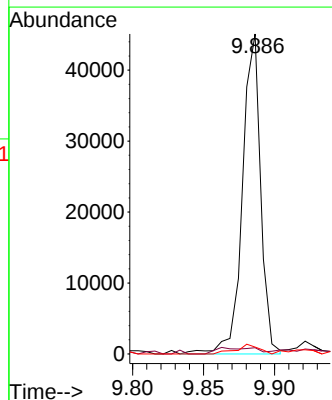
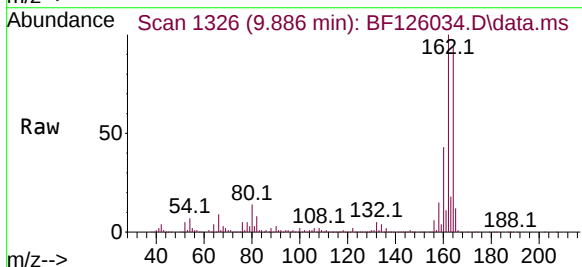
Instrument :
BNA_F
ClientSampleId :

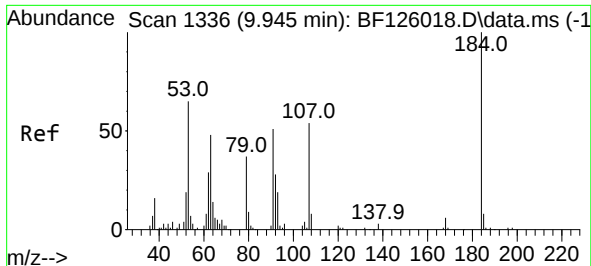
Tgt Ion: 65 Resp: 119
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 11.329 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.211 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

Tgt Ion:165 Resp: 40332
Ion Ratio Lower Upper
165 100
63 2.0 42.6 63.8#
89 2.2 40.6 60.8#

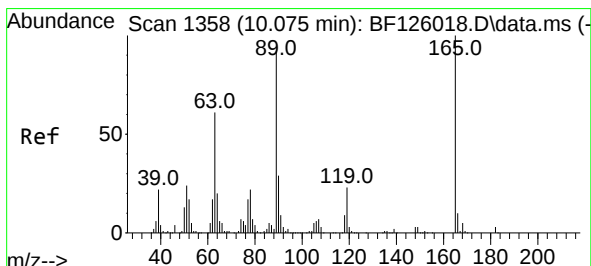
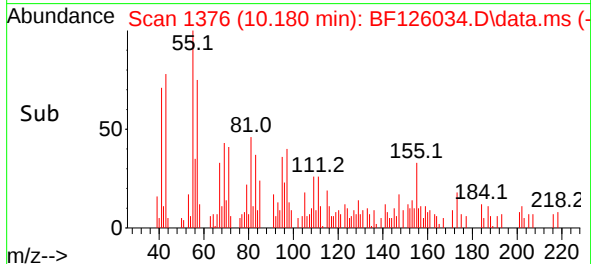
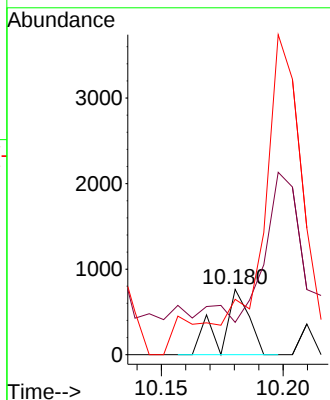
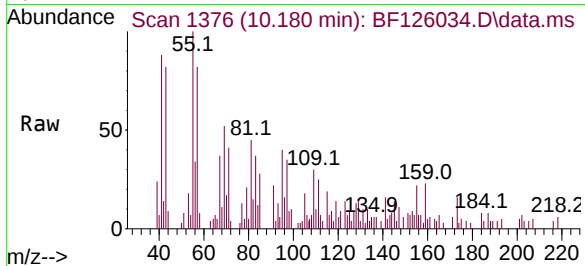




#54
2,4-Dinitrophenol
Concen: 7.155 ng
RT: 10.180 min Scan# 11
Delta R.T. 0.235 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

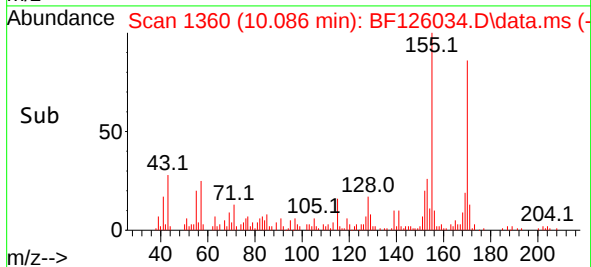
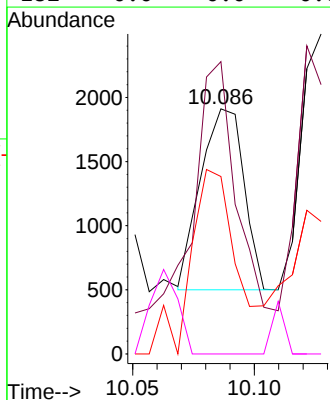
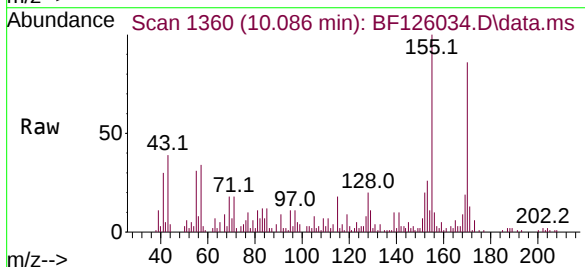
Instrument :
BNA_F
ClientSampleId :

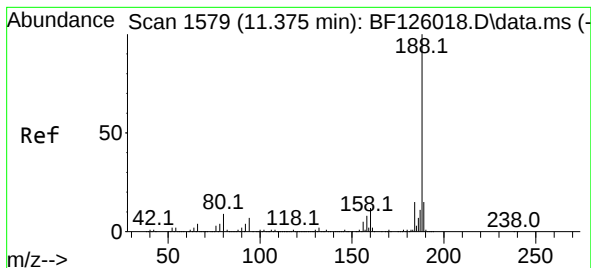
Tgt Ion:184 Resp: 590
Ion Ratio Lower Upper
184 100
63 49.5 59.3 88.9#
154 84.8 68.6 102.8



#57
2,4-Dinitrotoluene
Concen: 3.484 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.011 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

Tgt Ion:165 Resp: 1751
Ion Ratio Lower Upper
165 100
63 119.3 40.9 61.3#
89 72.4 59.7 89.5
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.368 min Scan# 11

Delta R.T. -0.007 min

Lab File: BF126034.D

Acq: 3 Nov 2021 23:04

Instrument :

BNA_F

ClientSampleId :

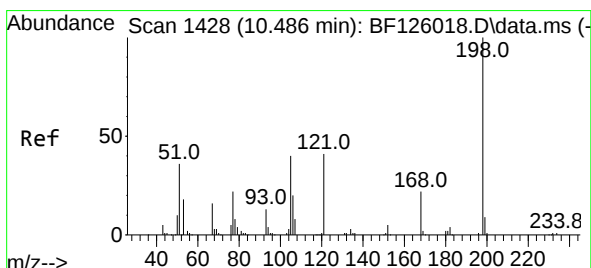
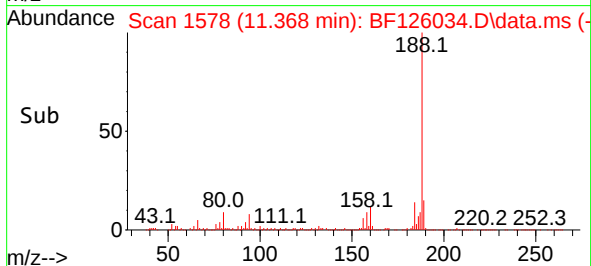
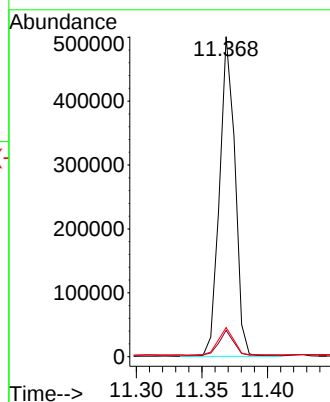
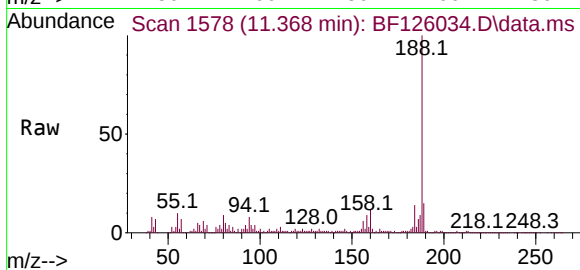
Tgt Ion:188 Resp: 409905

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

80 9.1 7.5 11.3



#65

4,6-Dinitro-2-methylphenol

Concen: 8.446 ng

RT: 10.533 min Scan# 1436

Delta R.T. 0.047 min

Lab File: BF126034.D

Acq: 3 Nov 2021 23:04

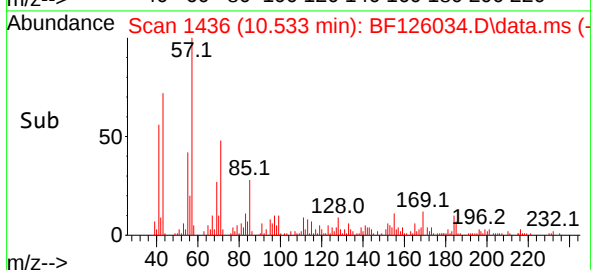
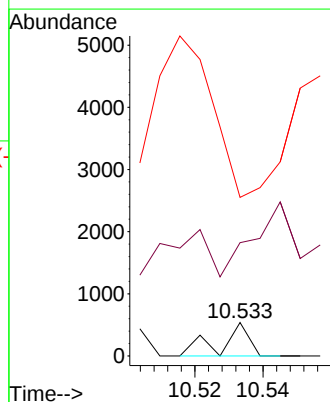
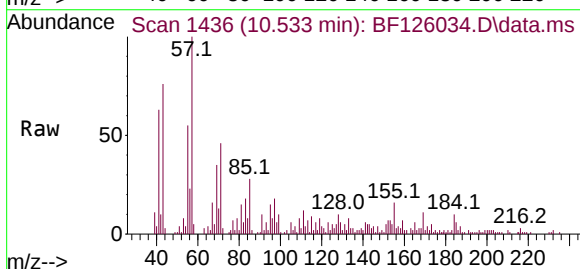
Tgt Ion:198 Resp: 308

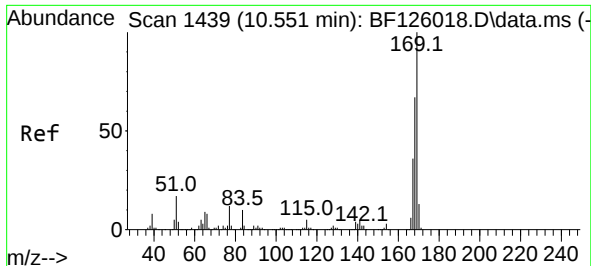
Ion Ratio Lower Upper

198 100

51 338.4 45.3 85.3#

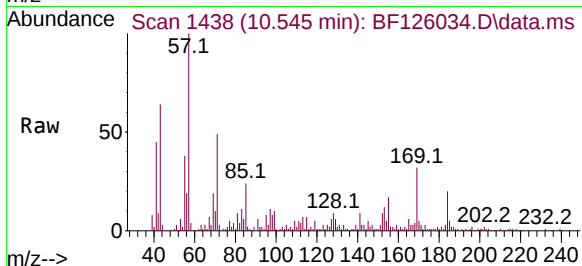
105 473.3 30.6 70.6#



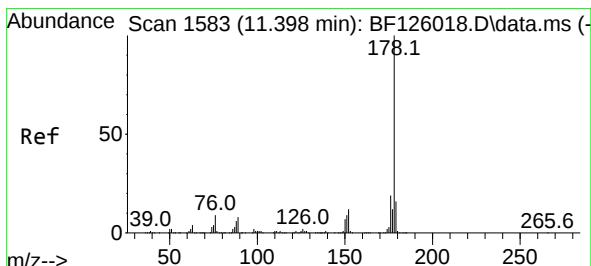
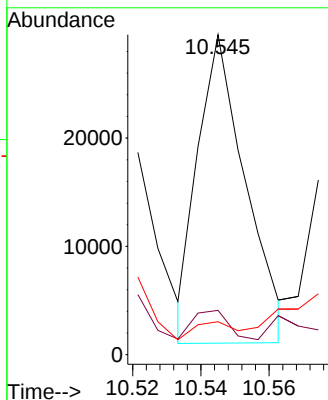
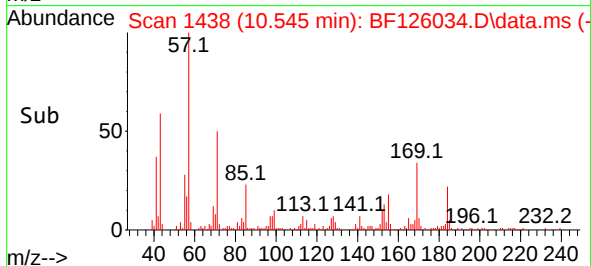


#66
n-Nitrosodiphenylamine
Concen: 2.123 ng
RT: 10.545 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

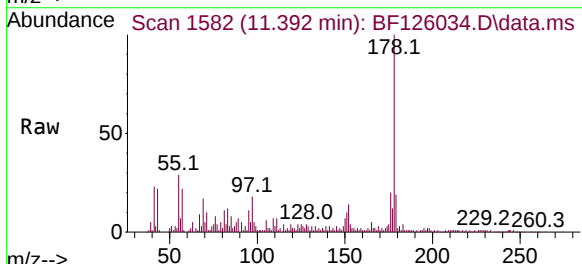
Instrument :
BNA_F
ClientSampleId :



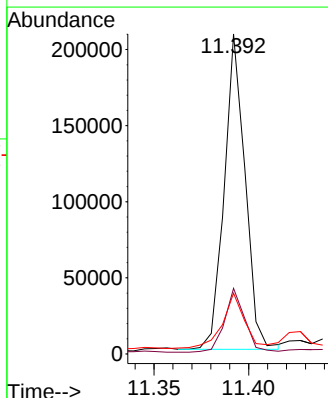
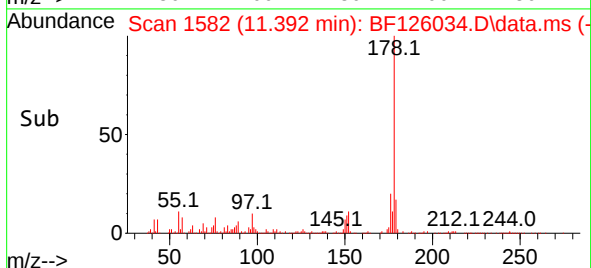
Tgt Ion:169 Resp: 27710
Ion Ratio Lower Upper
169 100
168 13.9 50.8 76.2#
167 10.3 28.8 43.2#

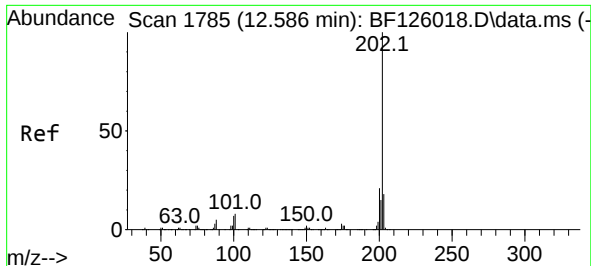


#71
Phenanthrene
Concen: 7.128 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04



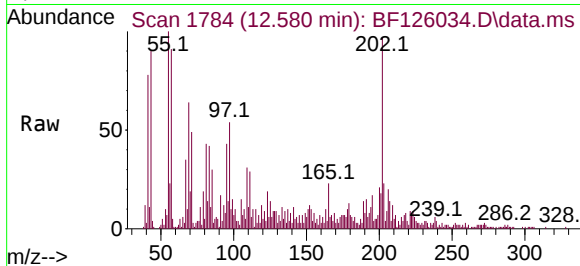
Tgt Ion:178 Resp: 158459
Ion Ratio Lower Upper
178 100
176 20.5 14.7 22.1
179 19.0 11.5 17.3#



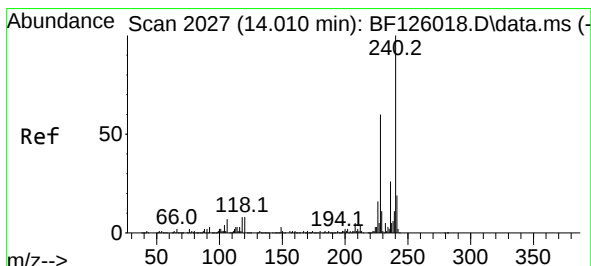
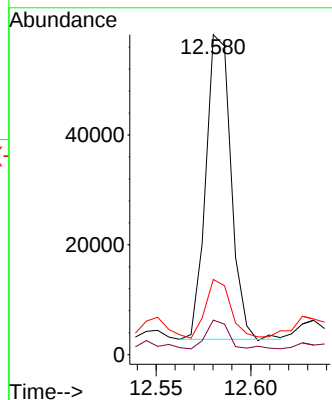
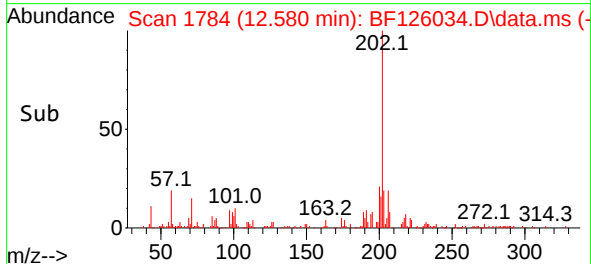


#75
Fluoranthene
Concen: 2.074 ng
RT: 12.580 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

Instrument :
BNA_F
ClientSampleId :

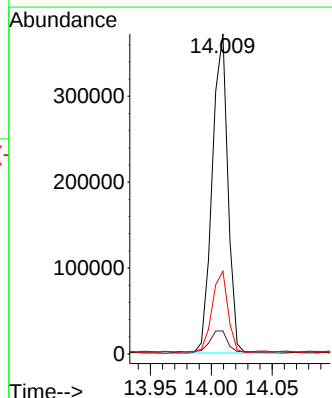
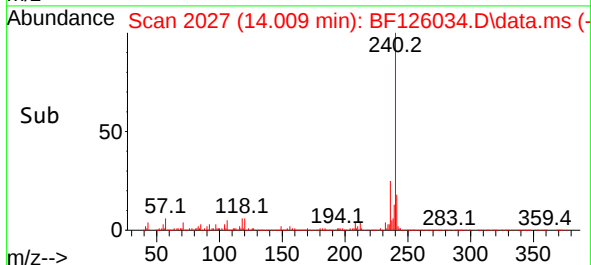
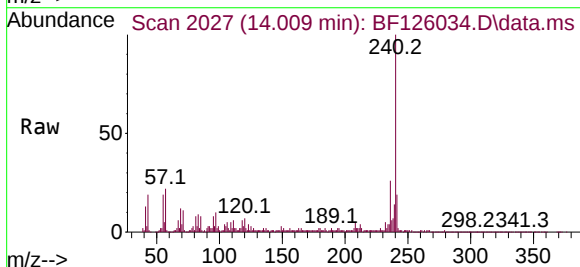


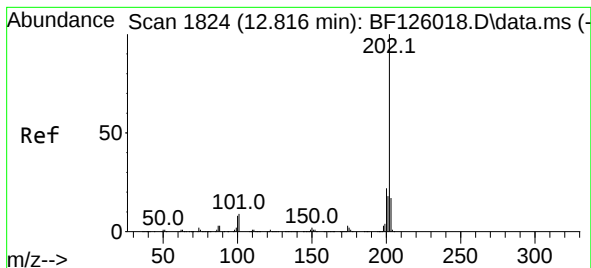
Tgt Ion:202 Resp: 51345
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.7
203 23.5 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.001 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

Tgt Ion:240 Resp: 333077
Ion Ratio Lower Upper
240 100
120 7.2 10.8 16.2#
236 25.9 21.6 32.4





#78

Pyrene

Concen: 3.182 ng

RT: 12.810 min Scan# 1824

Delta R.T. -0.006 min

Lab File: BF126034.D

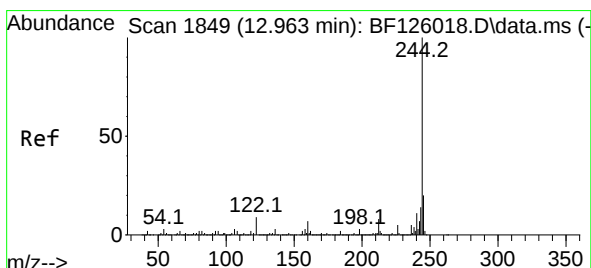
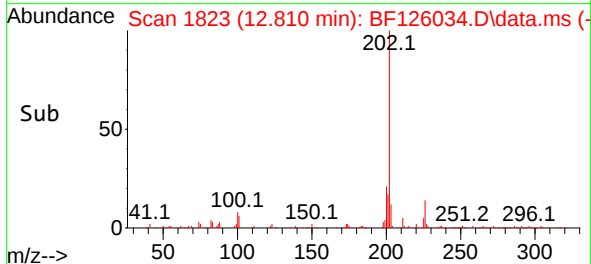
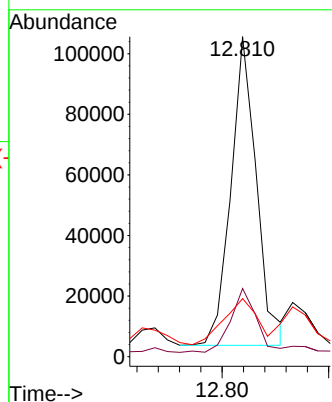
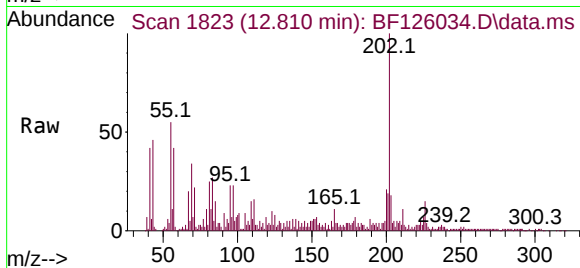
Acq: 3 Nov 2021 23:04

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:202	Resp:	84997
Ion Ratio	Lower	Upper
202	100	
200	21.3	15.3 22.9
203	18.2	13.4 20.0



#79

Terphenyl-d14

Concen: 5.668 ng

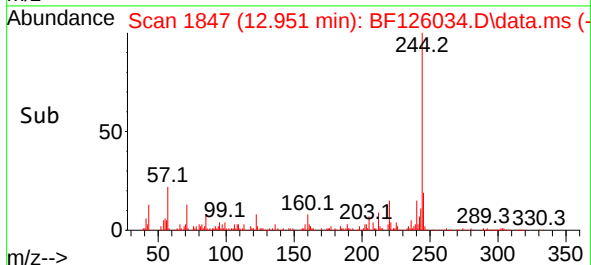
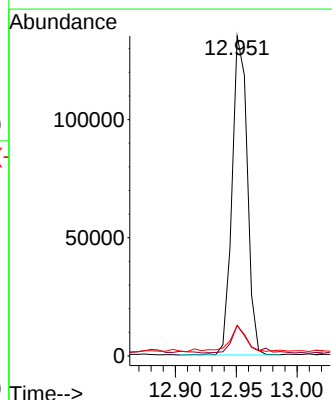
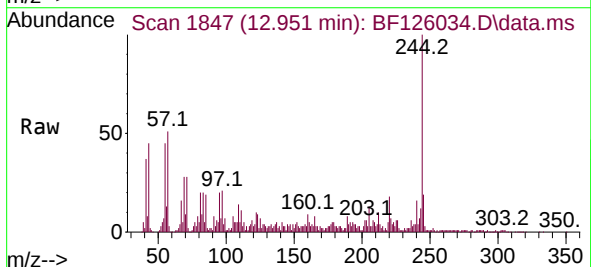
RT: 12.951 min Scan# 1847

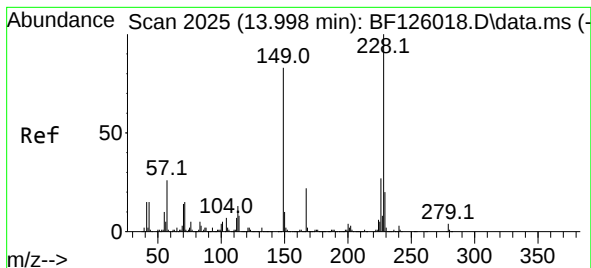
Delta R.T. -0.012 min

Lab File: BF126034.D

Acq: 3 Nov 2021 23:04

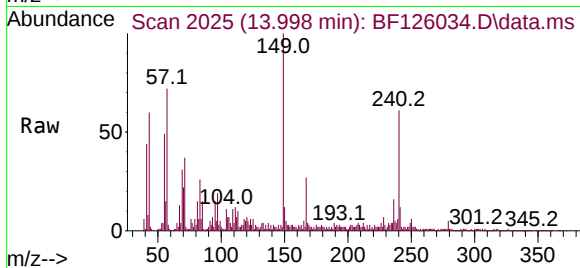
Tgt Ion:244	Resp:	117070
Ion Ratio	Lower	Upper
244	100	
212	9.5	5.9 8.9
122	9.5	9.0 13.4



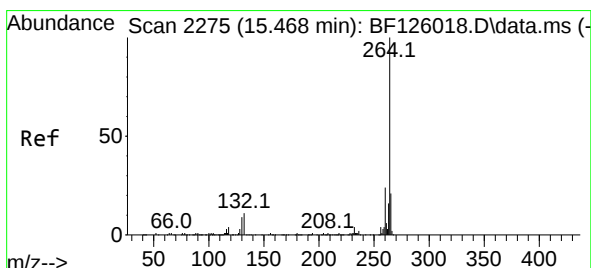
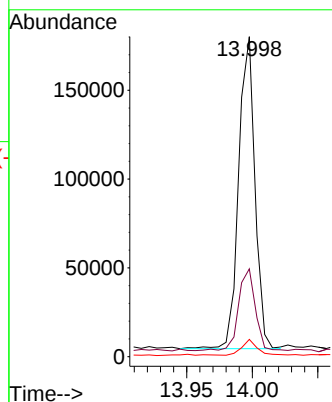
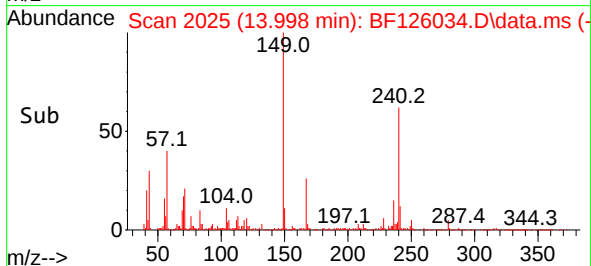


#84
Bis(2-ethylhexyl)phthalate
Concen: 11.299 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:149 Resp: 152365
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 5.4 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

Tgt Ion:264 Resp: 248794
Ion Ratio Lower Upper
264 100
260 25.1 19.6 29.4
265 22.0 17.2 25.8

