

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140991.D
 Acq On : 27 Dec 2024 12:41
 Operator : RC/JU
 Sample : PB165845BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165845BL

Quant Time: Dec 27 13:20:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

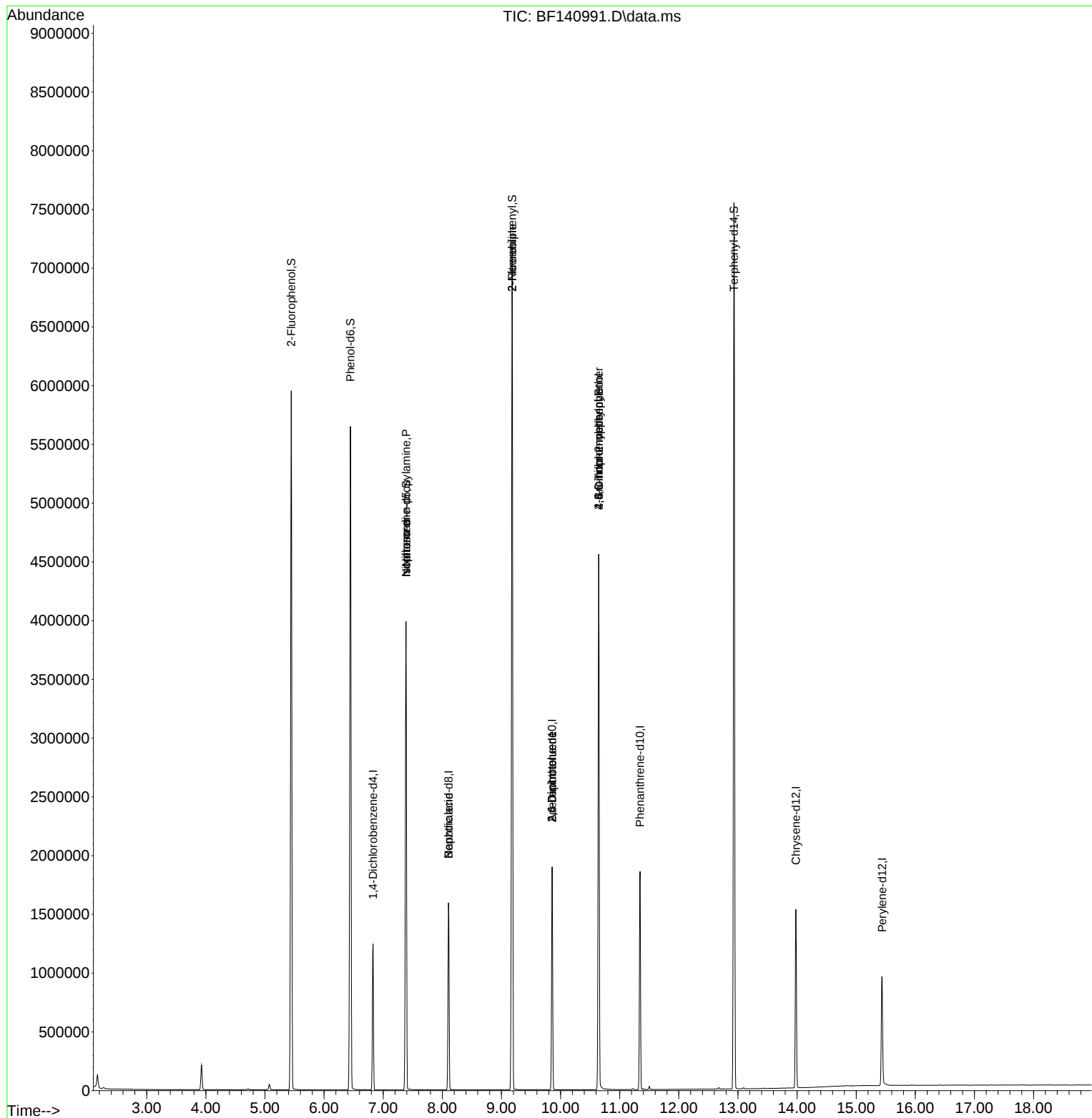
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	256406	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1039756	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	551936	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	932287	20.000	ng	0.00
76) Chrysene-d12	13.980	240	692897	20.000	ng	0.00
86) Perylene-d12	15.439	264	548204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2391563	140.597	ng	0.01
7) Phenol-d6	6.445	99	2962839	135.212	ng	0.00
23) Nitrobenzene-d5	7.386	82	1889559	116.268	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	814782	151.921	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	3288344	94.923	ng	0.00
79) Terphenyl-d14	12.933	244	3768462	90.337	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	4795	Below Cal	#	2
19) n-Nitroso-di-n-propyla...	7.386	70	255846	19.058	ng	# 79
25) Isophorone	7.386	82	1880819	53.183	ng	# 65
32) Benzoic acid	8.104	122	226	7.710	ng	# 1
48) 2-Nitroaniline	9.180	65	5537	5.227	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	71325	12.555	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	71325	11.634	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.645	198	1778	9.729	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	51194	5.080	ng	# 1

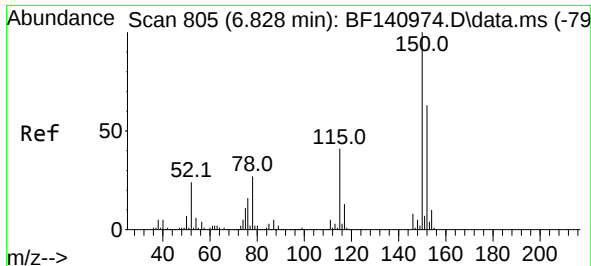
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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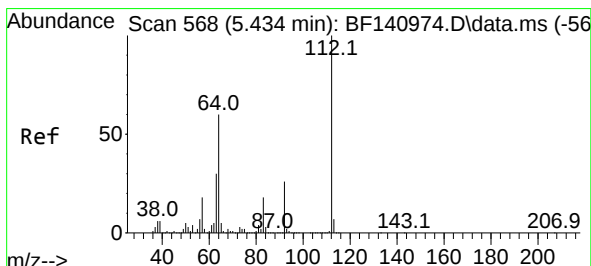
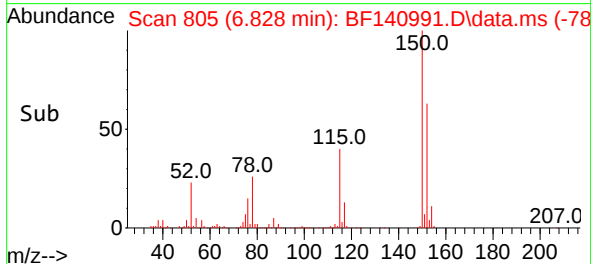
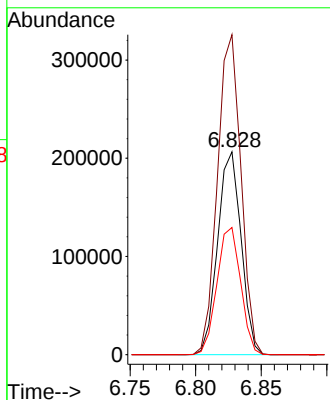
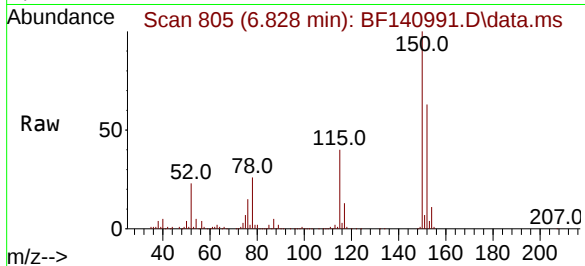




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

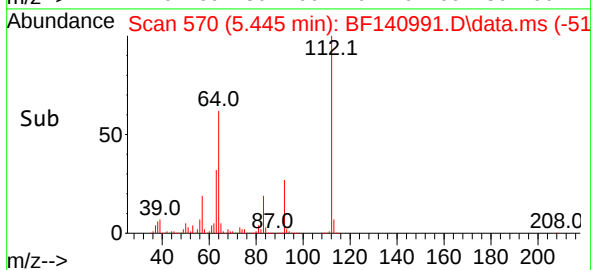
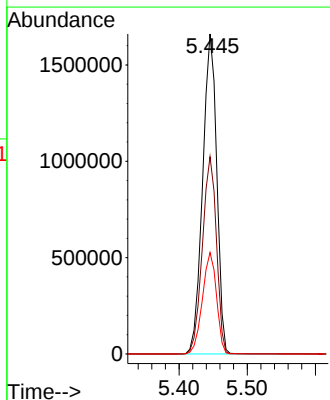
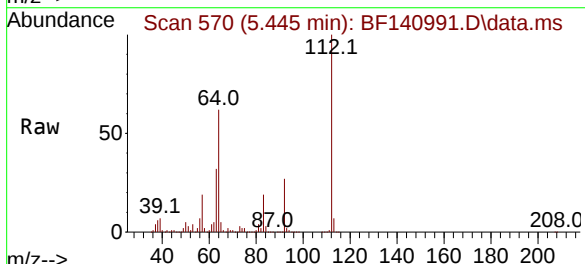
Instrument :
BNA_F
ClientSampleId :
PB165845BL

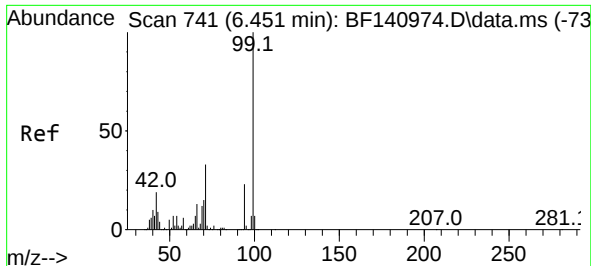
Tgt Ion:152 Resp: 256406
Ion Ratio Lower Upper
152 100
150 157.7 127.0 190.6
115 62.7 51.7 77.5



#5
2-Fluorophenol
Concen: 140.597 ng
RT: 5.445 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

Tgt Ion:112 Resp: 2391563
Ion Ratio Lower Upper
112 100
64 61.7 47.7 71.5
63 31.7 24.2 36.2

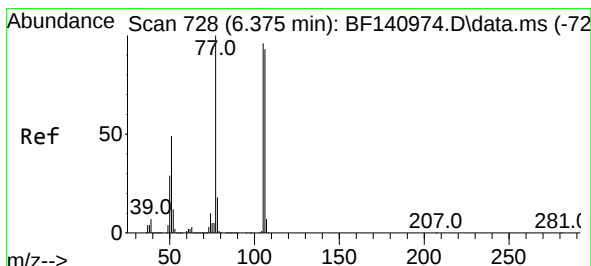
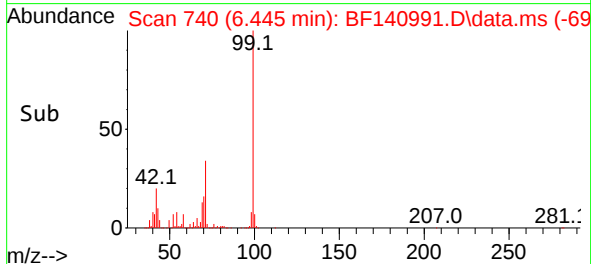
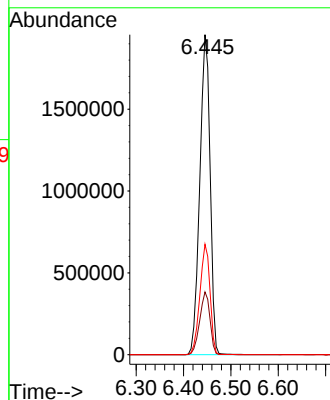
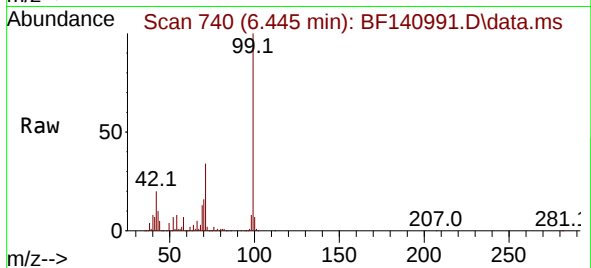




#7
Phenol-d6
Concen: 135.212 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

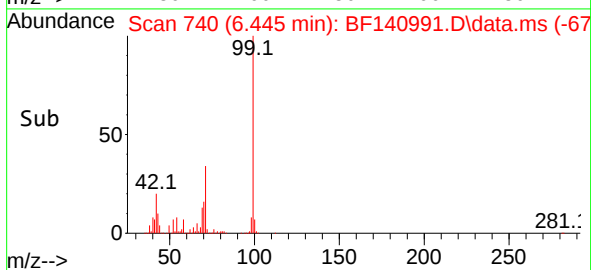
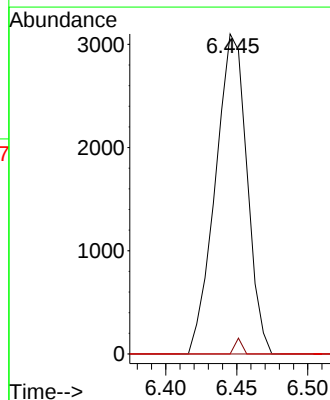
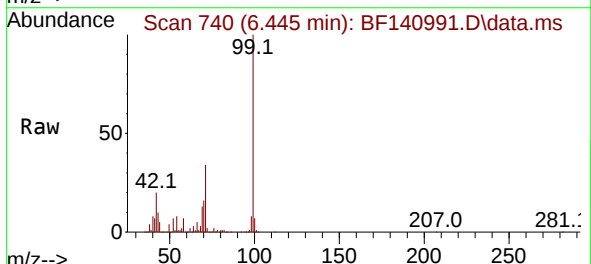
Instrument :
BNA_F
ClientSampleId :
PB165845BL

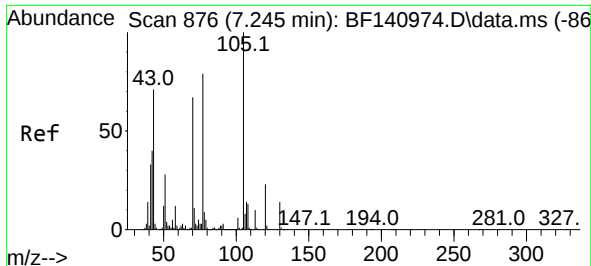
Tgt Ion: 99 Resp: 2962839
Ion Ratio Lower Upper
99 100
42 19.6 15.0 22.4
71 34.5 26.2 39.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 740
Delta R.T. 0.070 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

Tgt Ion: 77 Resp: 4795
Ion Ratio Lower Upper
77 100
105 0.0 76.2 116.2#
106 0.0 73.4 113.4#

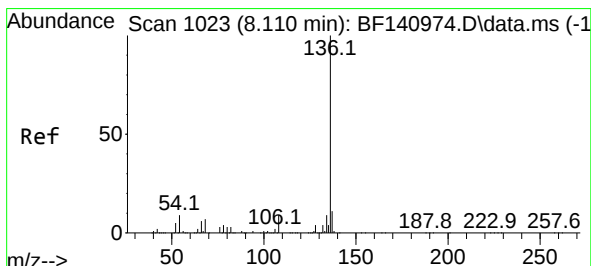
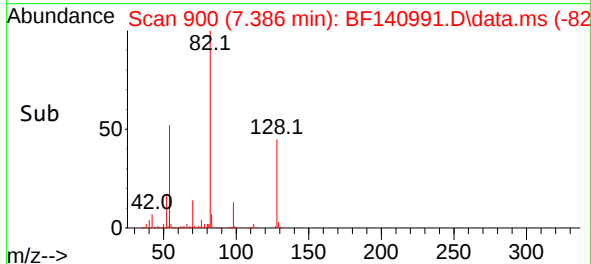
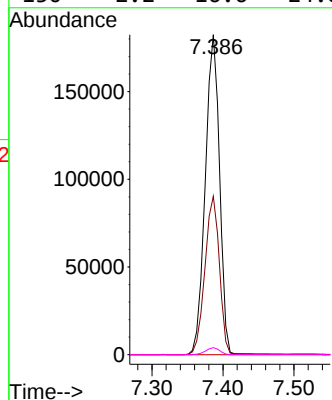
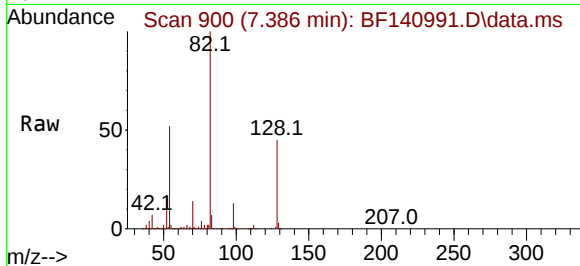




#19
n-Nitroso-di-n-propylamine
Concen: 19.058 ng
RT: 7.386 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

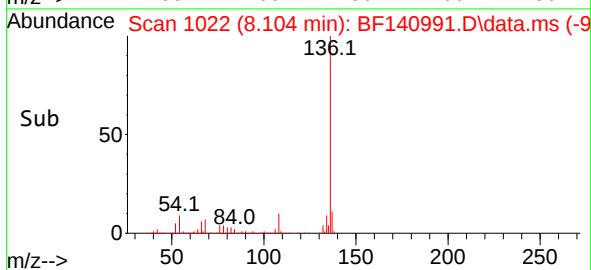
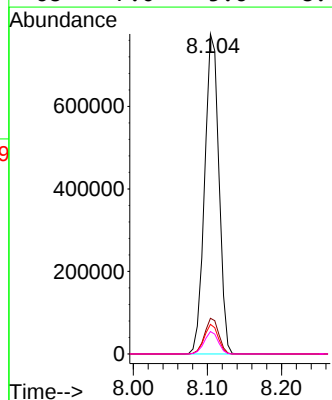
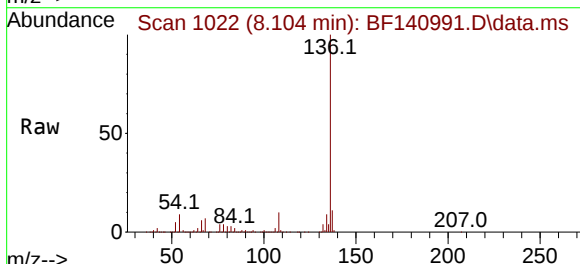
Instrument :
BNA_F
ClientSampleId :
PB165845BL

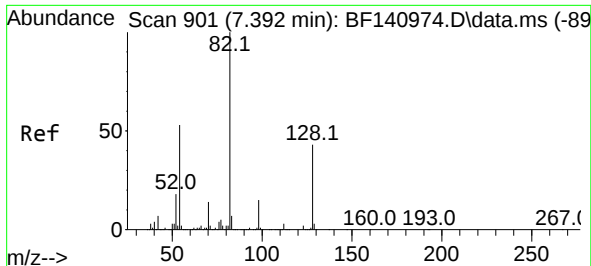
Tgt Ion: 70 Resp: 255846
Ion Ratio Lower Upper
70 100
42 49.5 48.1 72.1
101 0.0 7.6 11.4#
130 2.2 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

Tgt Ion: 136 Resp: 1039756
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 9.3 7.6 11.4
68 7.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 116.268 ng

RT: 7.386 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

Instrument :

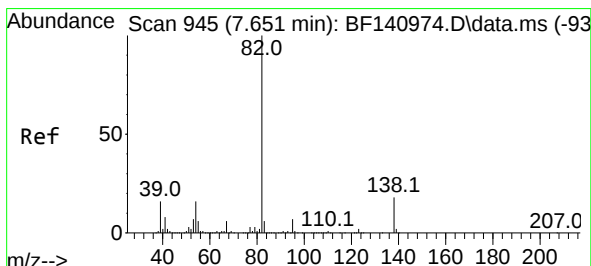
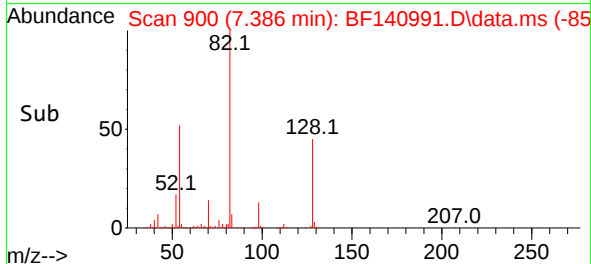
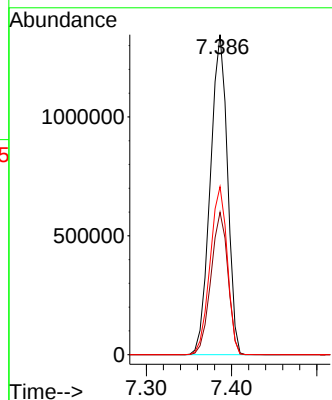
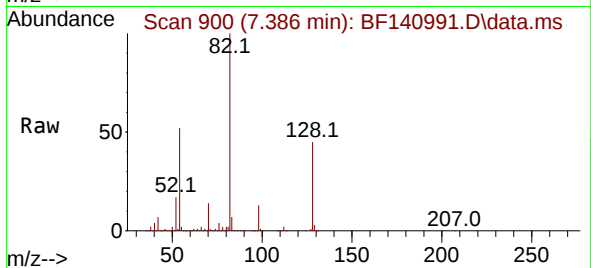
BNA_F

ClientSampleId :

PB165845BL

Tgt Ion: 82 Resp: 1889559

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.4	51.6
54	52.5	42.4	63.6



#25

Isophorone

Concen: 53.183 ng

RT: 7.386 min Scan# 900

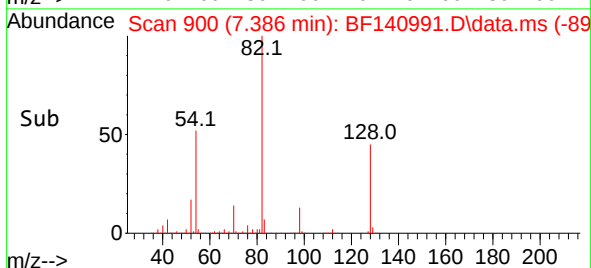
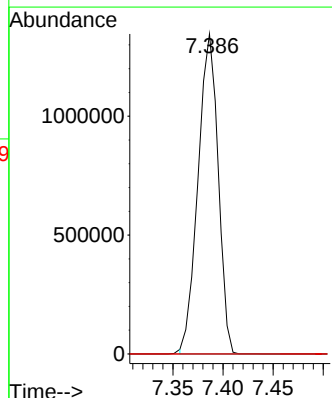
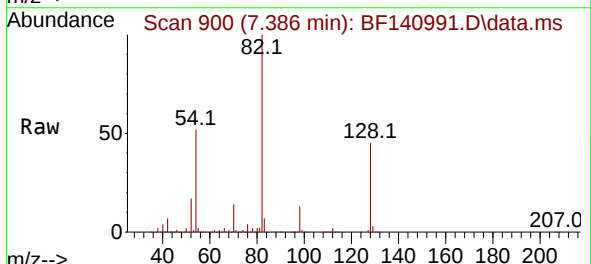
Delta R.T. -0.265 min

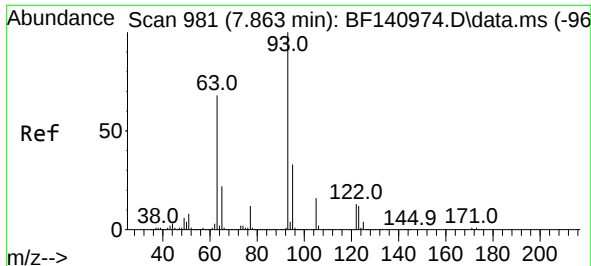
Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

Tgt Ion: 82 Resp: 1880819

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	21.8#

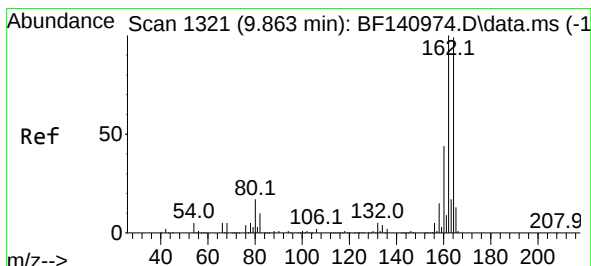
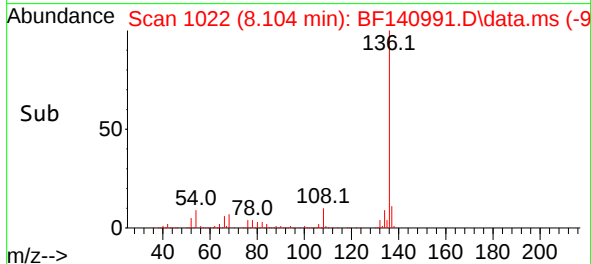
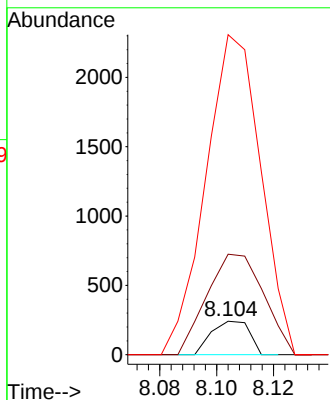
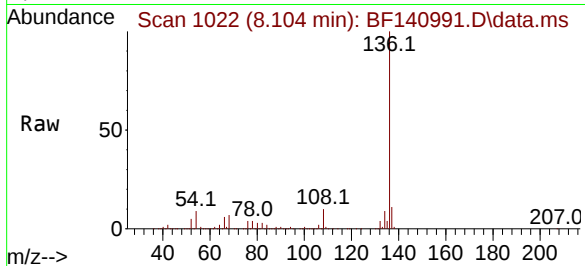




#32
Benzoic acid
Concen: 7.710 ng
RT: 8.104 min Scan# 10
Delta R.T. 0.241 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

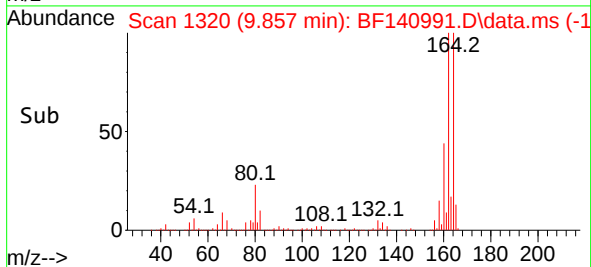
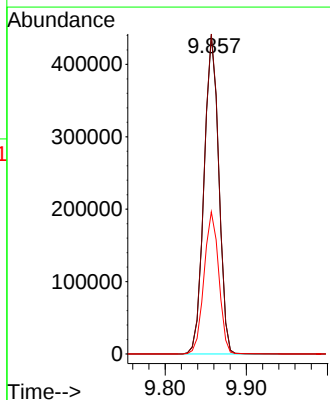
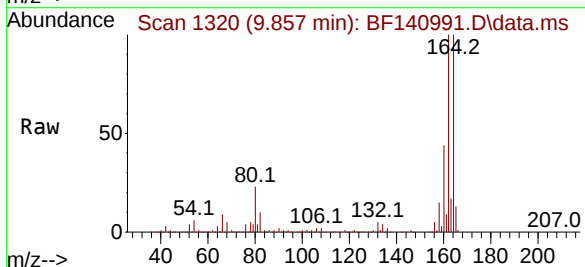
Instrument :
BNA_F
ClientSampleId :
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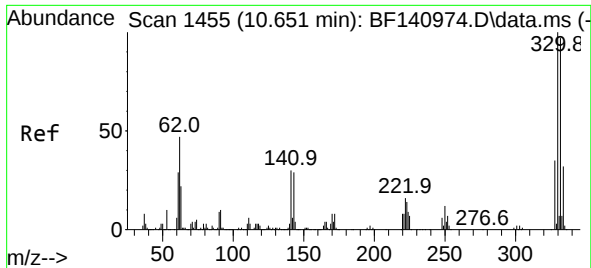
Tgt Ion:122 Resp: 226
Ion Ratio Lower Upper
122 100
105 299.6 105.4 145.4#
77 953.7 76.4 116.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

Tgt Ion:164 Resp: 551936
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 44.6 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 151.921 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF140991.D

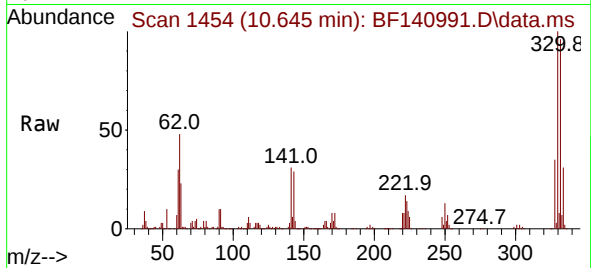
Acq: 27 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165845BL



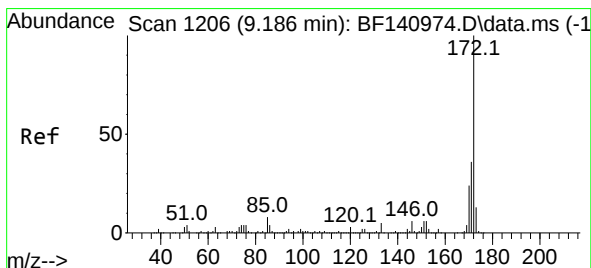
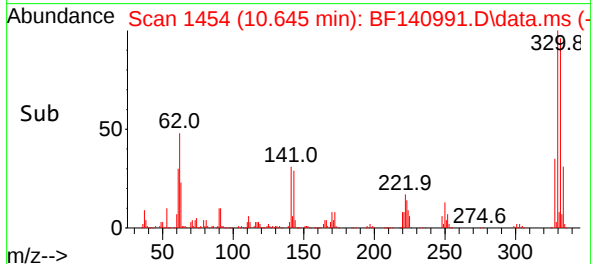
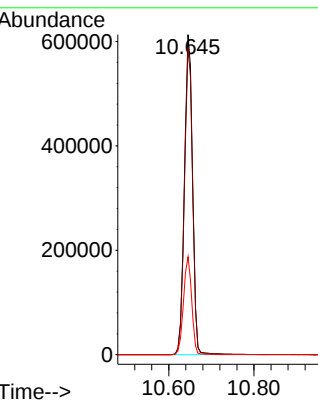
Tgt Ion:330 Resp: 814782

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

141 30.8 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 94.923 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

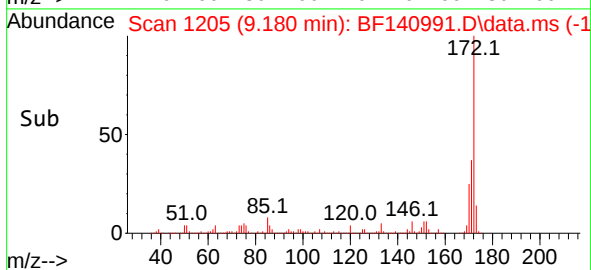
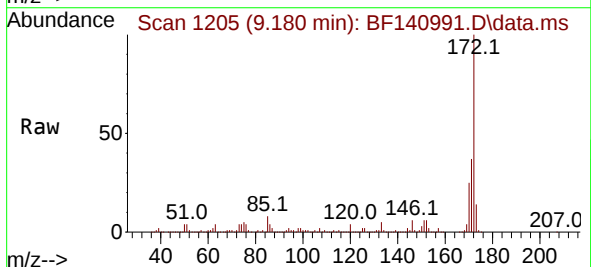
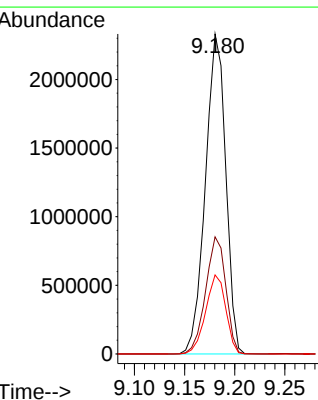
Tgt Ion:172 Resp: 3288344

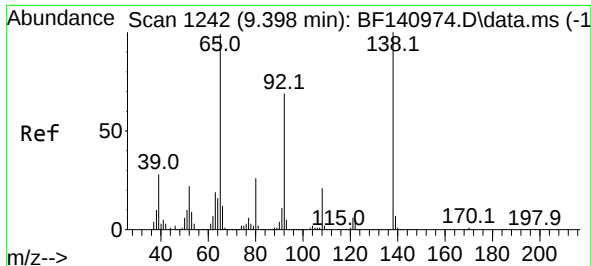
Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.4

170 24.7 19.6 29.4





#48

2-Nitroaniline

Concen: 5.227 ng

RT: 9.180 min Scan# 11

Delta R.T. -0.218 min

Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165845BL

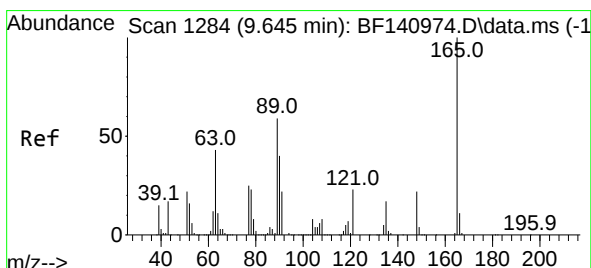
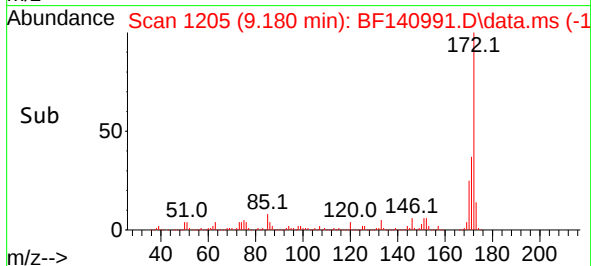
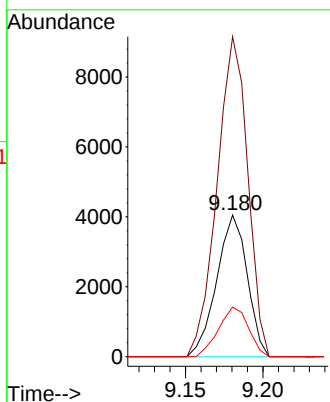
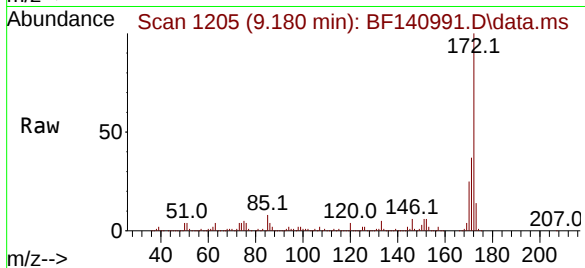
Tgt Ion: 65 Resp: 5537

Ion Ratio Lower Upper

65 100

92 226.0 55.6 83.4#

138 35.0 80.5 120.7#



#51

2,6-Dinitrotoluene

Concen: 12.555 ng

RT: 9.857 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

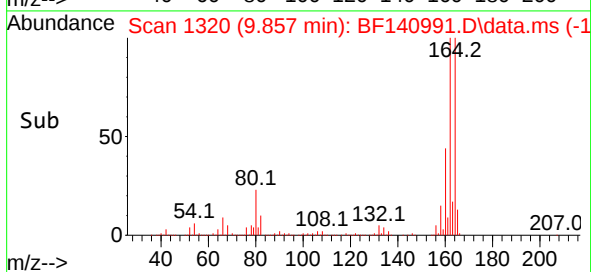
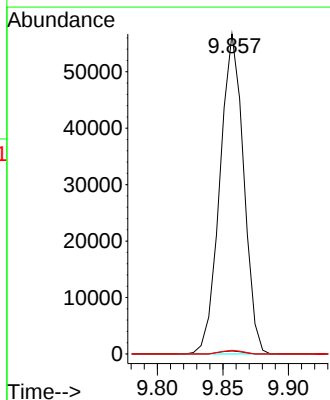
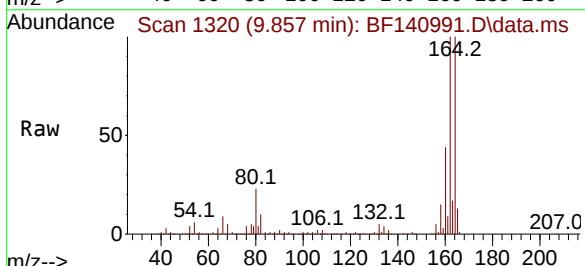
Tgt Ion: 165 Resp: 71325

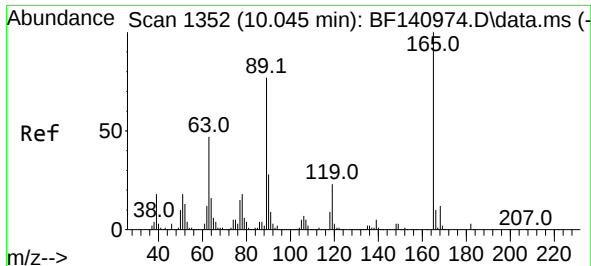
Ion Ratio Lower Upper

165 100

63 0.9 47.1 70.7#

89 1.1 47.0 70.4#

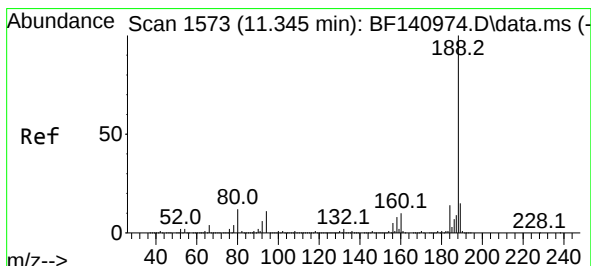
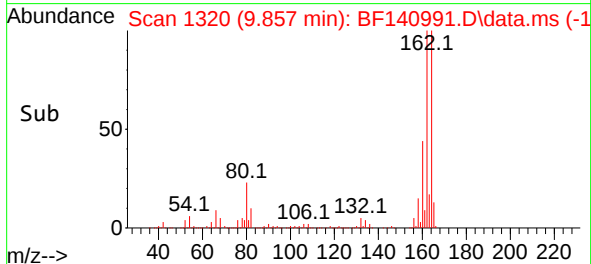
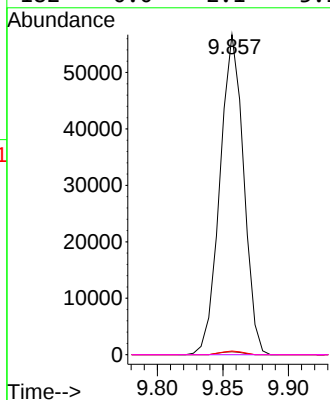
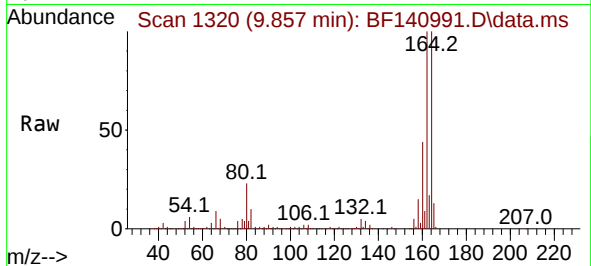




#57
2,4-Dinitrotoluene
Concen: 11.634 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

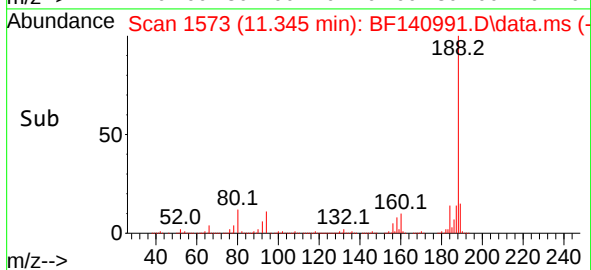
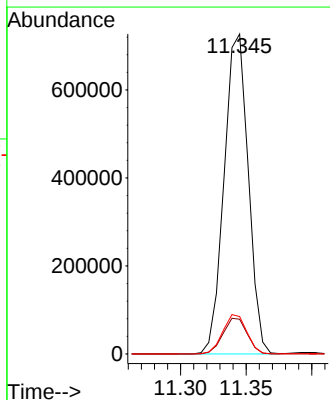
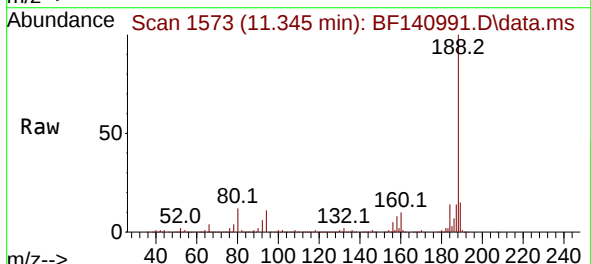
Instrument :
BNA_F
ClientSampleId :
PB165845BL

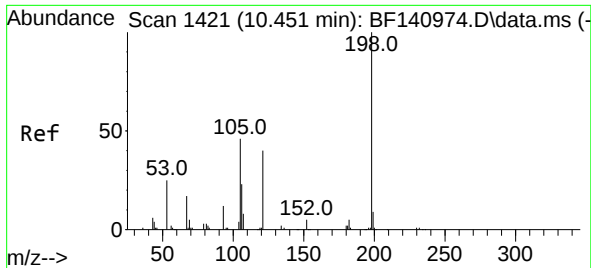
Tgt Ion:165 Resp: 71325
Ion Ratio Lower Upper
165 100
63 0.9 38.1 57.1#
89 1.1 61.4 92.2#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

Tgt Ion:188 Resp: 932287
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 11.7 9.8 14.6

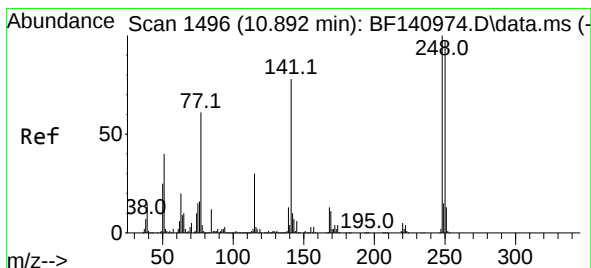
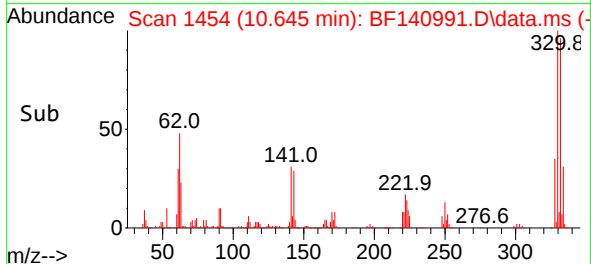
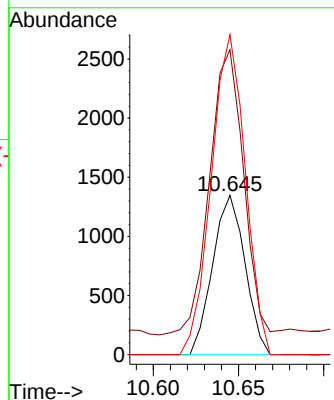
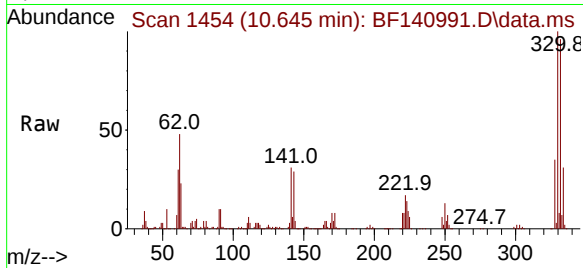




#65
4,6-Dinitro-2-methylphenol
Concen: 9.729 ng
RT: 10.645 min Scan# 1421
Delta R.T. 0.194 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

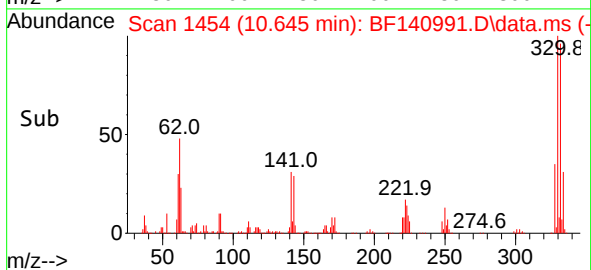
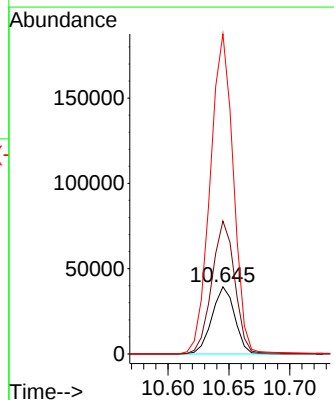
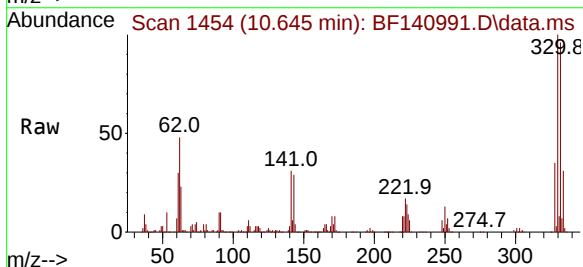
Instrument :
BNA_F
ClientSampleId :
PB165845BL

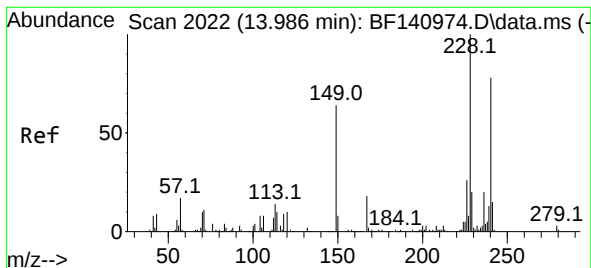
Tgt Ion:198 Resp: 1778
Ion Ratio Lower Upper
198 100
51 191.4 32.3 72.3#
105 200.8 28.4 68.4#



#67
4-Bromophenyl-phenylether
Concen: 5.080 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

Tgt Ion:248 Resp: 51194
Ion Ratio Lower Upper
248 100
250 198.1 77.7 116.5#
141 476.6 62.1 93.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165845BL

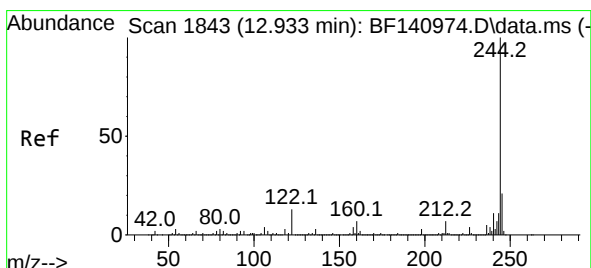
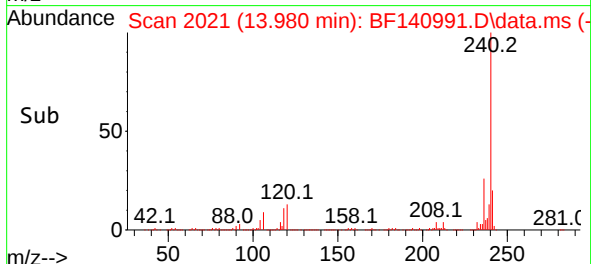
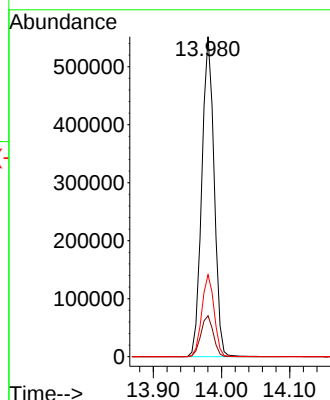
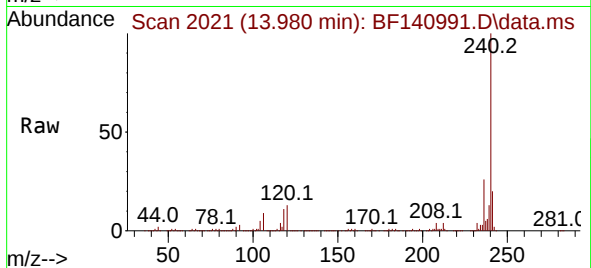
Tgt Ion:240 Resp: 692897

Ion Ratio Lower Upper

240 100

120 12.8 10.7 16.1

236 25.6 20.6 31.0



#79

Terphenyl-d14

Concen: 90.337 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

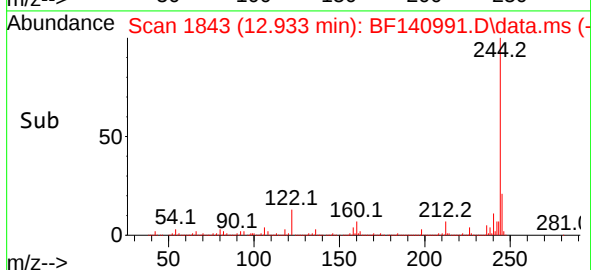
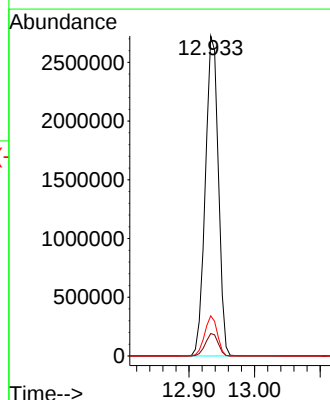
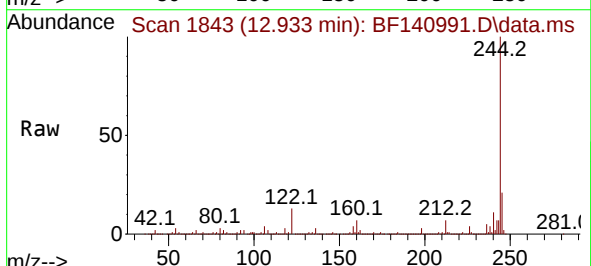
Tgt Ion:244 Resp: 3768462

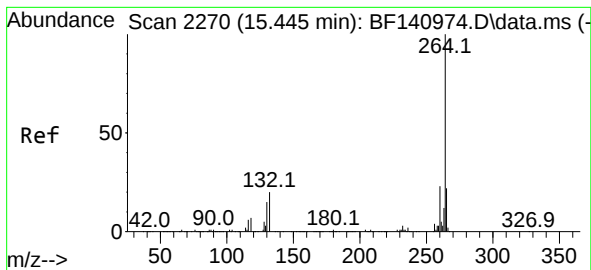
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 12.5 10.2 15.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

Instrument :
BNA_F
ClientSampleId :
PB165845BL

Tgt Ion:264 Resp: 548204
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.7 17.4 26.2

