

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140999.D
 Acq On : 27 Dec 2024 16:29
 Operator : RC/JU
 Sample : P5299-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Quant Time: Dec 27 17:25:03 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

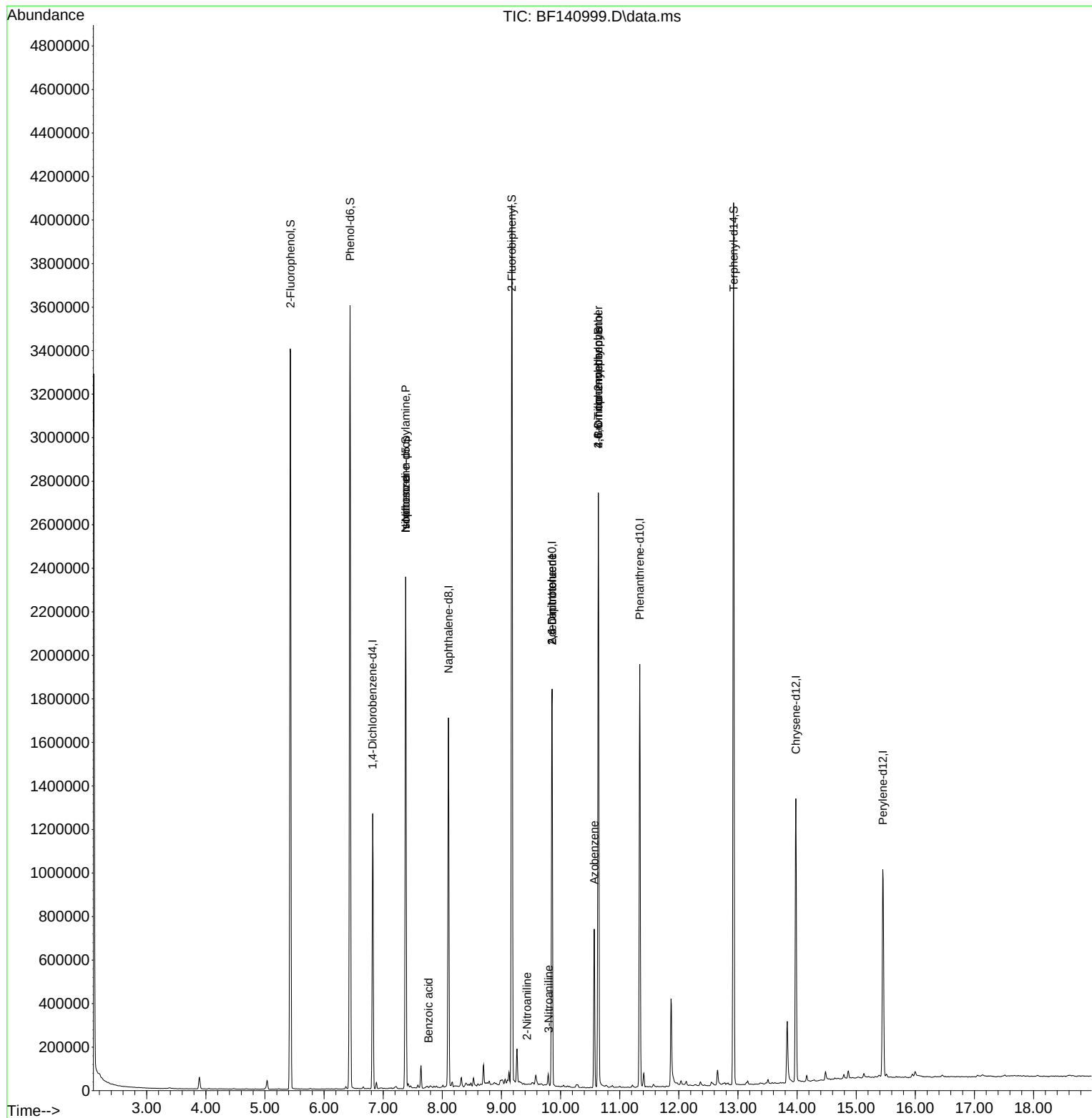
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	254834	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1020665	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	546385	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	930453	20.000	ng	0.00
76) Chrysene-d12	13.980	240	608004	20.000	ng	0.00
86) Perylene-d12	15.451	264	540868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1327317	78.513	ng	0.00
7) Phenol-d6	6.439	99	1733092	79.579	ng	-0.01
23) Nitrobenzene-d5	7.381	82	1029902	64.557	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	460002	86.642	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	1822631	53.147	ng	-0.01
79) Terphenyl-d14	12.927	244	1940618	53.015	ng	0.00
Target Compounds						
9) Benzaldehyde	6.375	77	386	Below Cal	Qvalue #	83
19) n-Nitroso-di-n-propyla...	7.381	70	139393	10.448 ng	#	78
25) Isophorone	7.381	82	1018098	29.327 ng	#	65
32) Benzoic acid	7.769	122	172	7.706 ng	#	83
48) 2-Nitroaniline	9.433	65	228	4.668 ng	#	6
51) 2,6-Dinitrotoluene	9.857	165	71494	12.666 ng	#	23
53) 3-Nitroaniline	9.798	138	54	3.271 ng	#	1
57) 2,4-Dinitrotoluene	9.857	165	71494	11.724 ng	#	21
63) Azobenzene	10.569	77	179990	4.833 ng	#	1
65) 4,6-Dinitro-2-methylph...	10.639	198	1081	9.578 ng	#	1
67) 4-Bromophenyl-phenylether	10.639	248	28949	2.878 ng	#	1

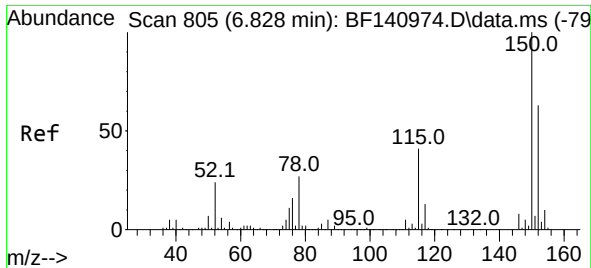
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
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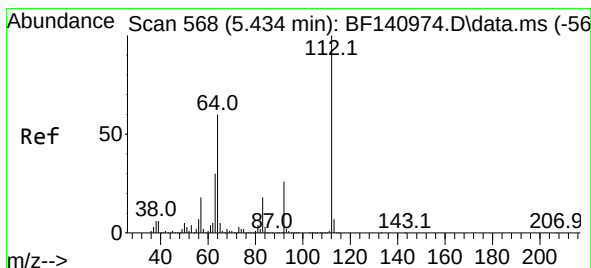
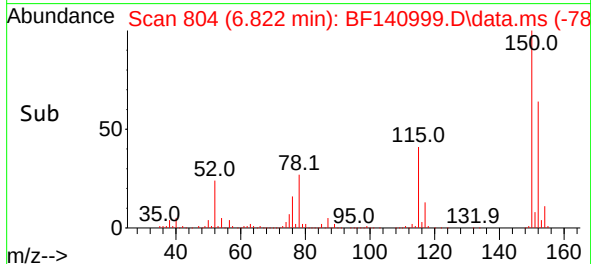
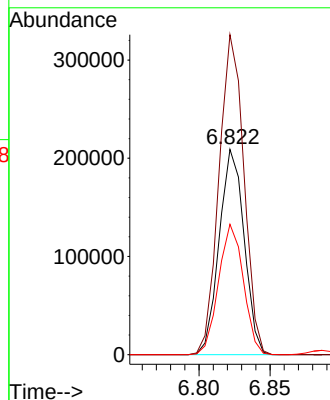
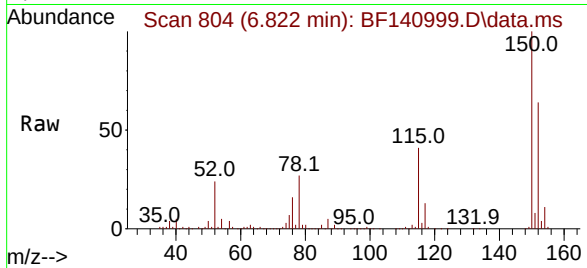




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

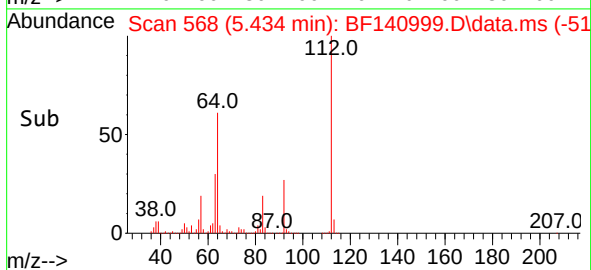
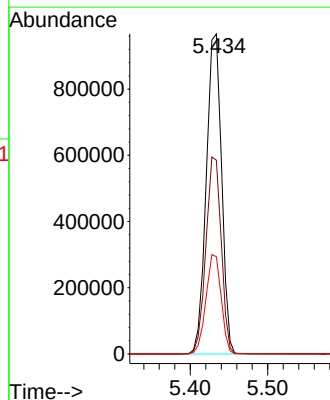
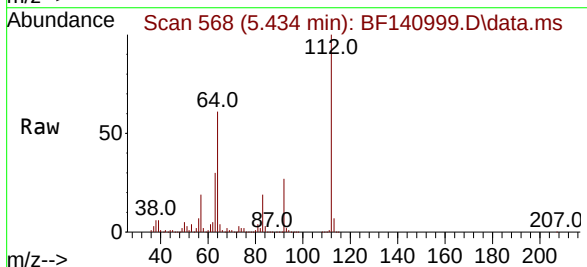
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BNA_F
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SB-01

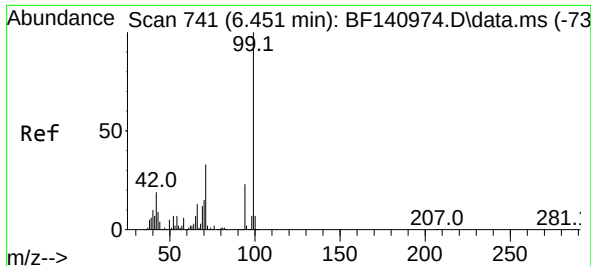
Tgt Ion:152 Resp: 254834
Ion Ratio Lower Upper
152 100
150 155.8 127.0 190.6
115 63.5 51.7 77.5



#5
2-Fluorophenol
Concen: 78.513 ng
RT: 5.434 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

Tgt Ion:112 Resp: 1327317
Ion Ratio Lower Upper
112 100
64 60.5 47.7 71.5
63 30.4 24.2 36.2

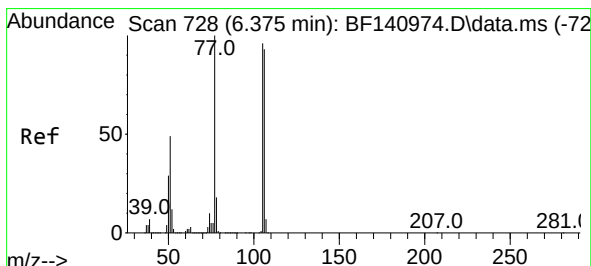
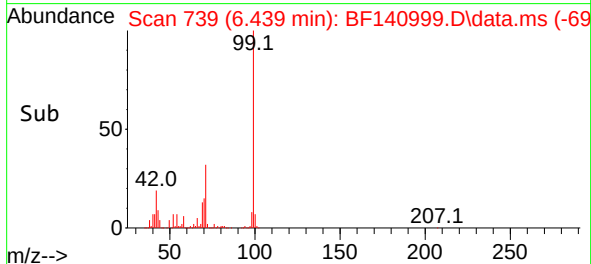
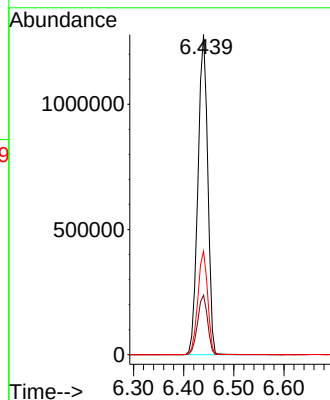
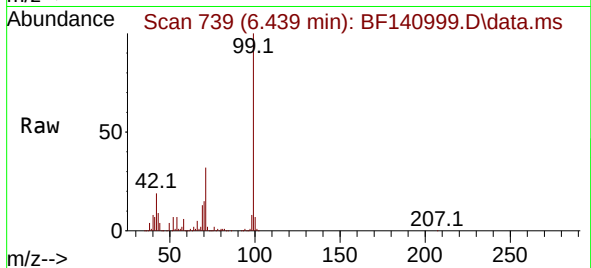




#7
Phenol-d6
Concen: 79.579 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

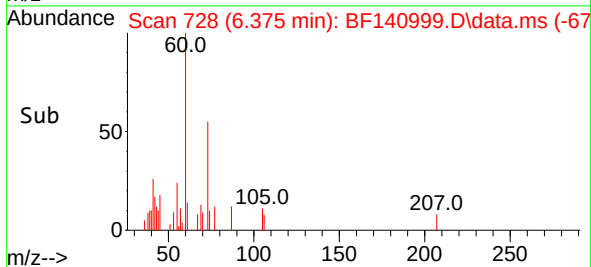
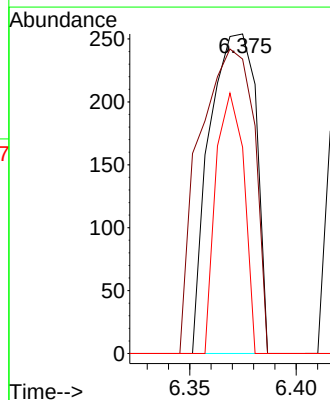
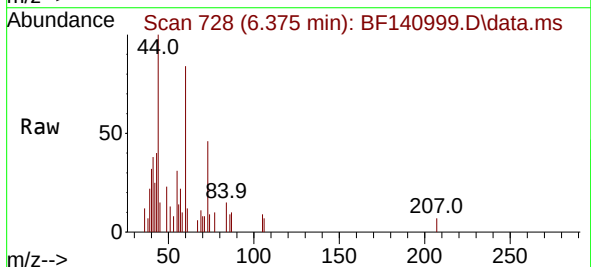
Instrument :
BNA_F
ClientSampleId :
SB-01

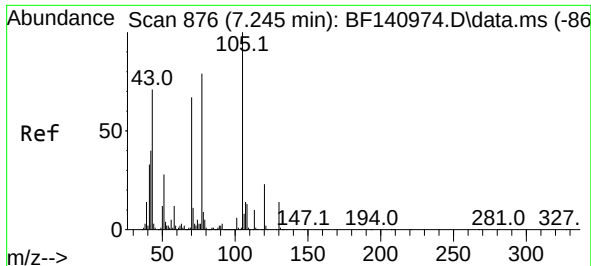
Tgt Ion: 99 Resp: 1733092
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 32.3 26.2 39.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

Tgt Ion: 77 Resp: 386
Ion Ratio Lower Upper
77 100
105 92.1 76.2 116.2
106 64.6 73.4 113.4#

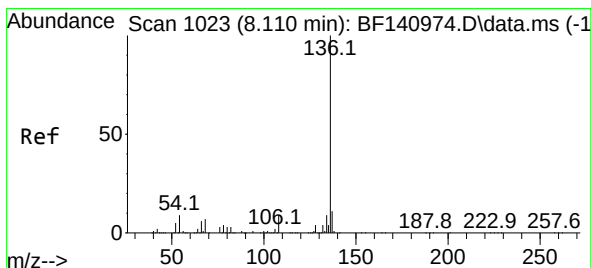
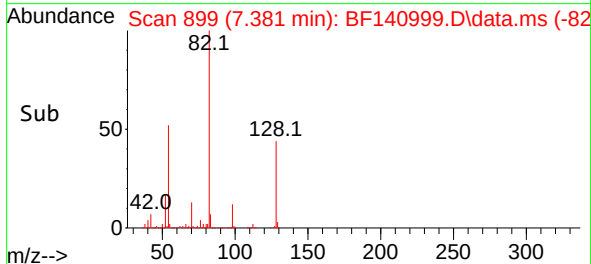
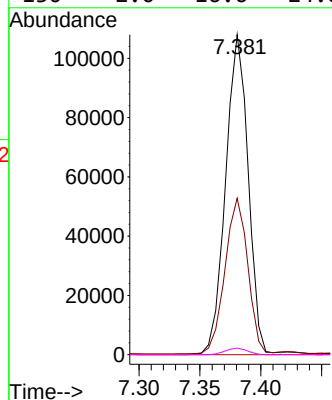
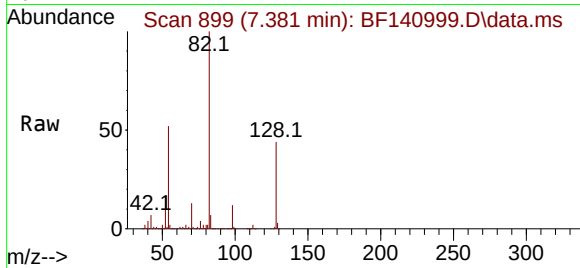




#19
n-Nitroso-di-n-propylamine
Concen: 10.448 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

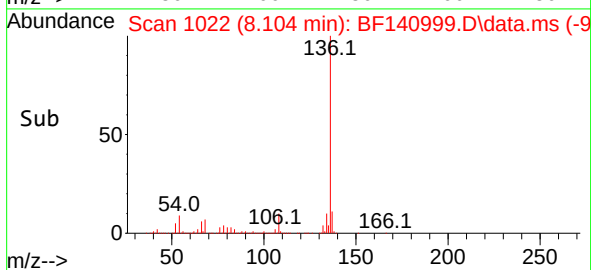
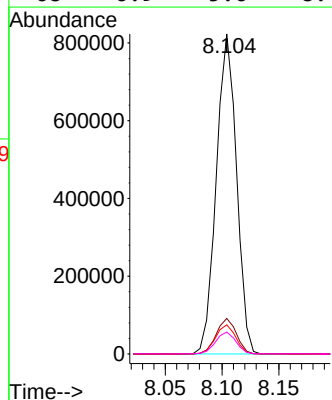
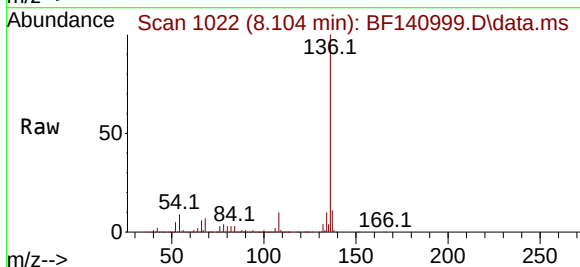
Instrument :
BNA_F
ClientSampleId :
SB-01

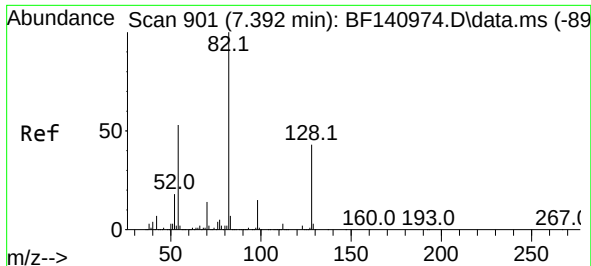
Tgt Ion: 70 Resp: 139393
Ion Ratio Lower Upper
70 100
42 48.9 48.1 72.1
101 0.0 7.6 11.4#
130 2.0 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

Tgt Ion:136 Resp: 1020665
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.1 7.6 11.4
68 6.9 5.6 8.4

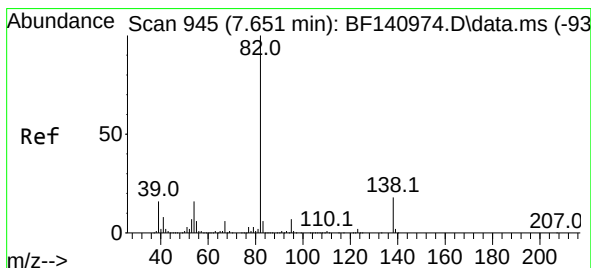
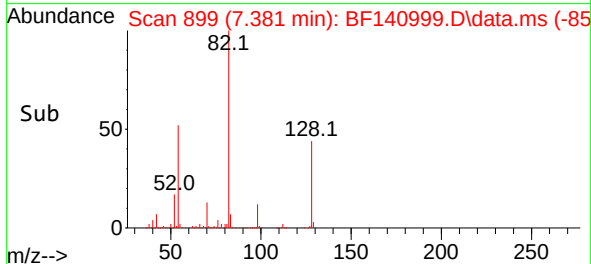
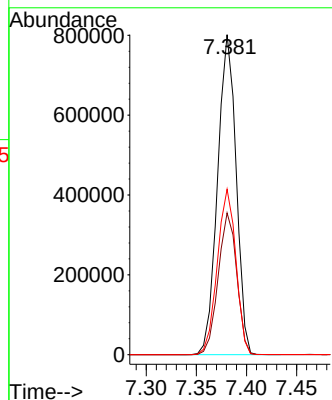
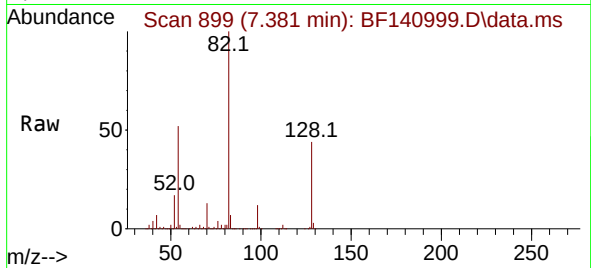




#23
Nitrobenzene-d5
Concen: 64.557 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

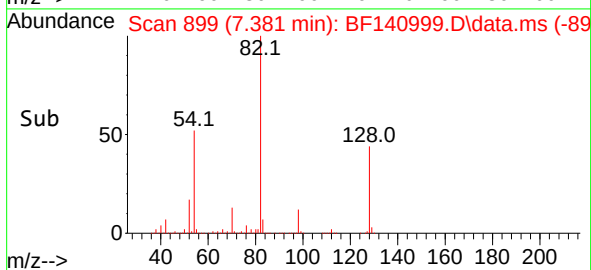
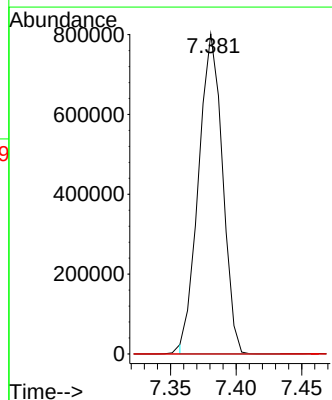
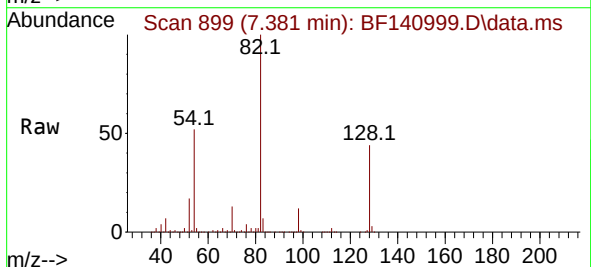
Instrument :
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ClientSampleId :
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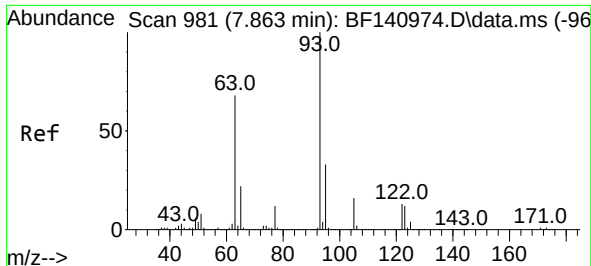
Tgt Ion: 82 Resp: 1029902
Ion Ratio Lower Upper
82 100
128 44.3 34.4 51.6
54 51.7 42.4 63.6



#25
Isophorone
Concen: 29.327 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.271 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

Tgt Ion: 82 Resp: 1018098
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 21.8#

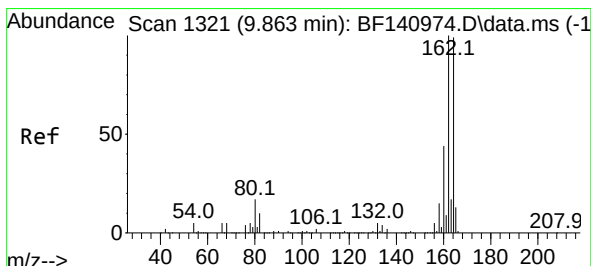
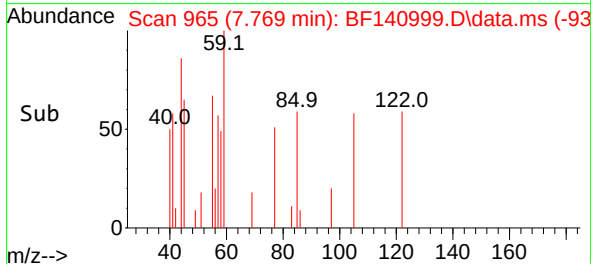
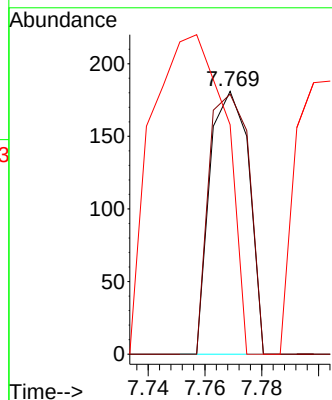
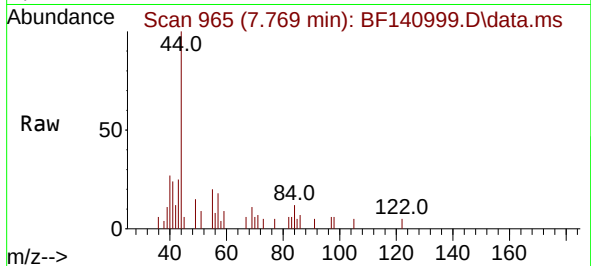




#32
Benzoic acid
Concen: 7.706 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.094 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

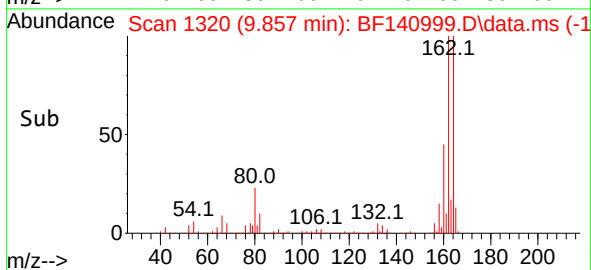
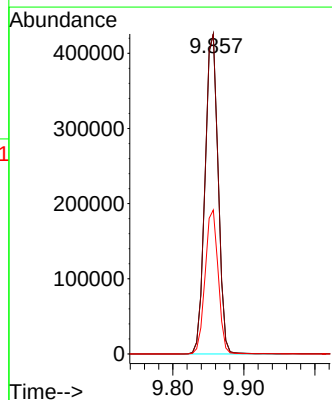
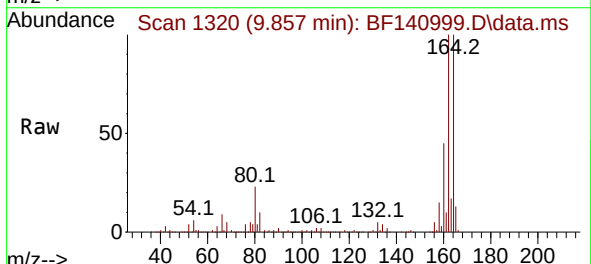
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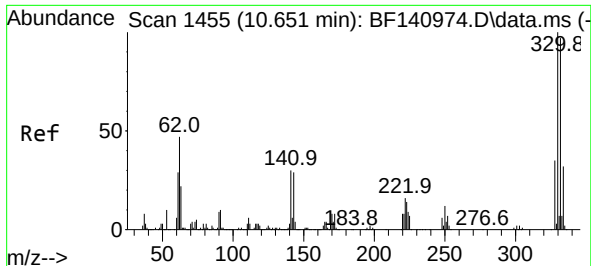
Tgt Ion:122 Resp: 172
Ion Ratio Lower Upper
122 100
105 98.9 105.4 145.4#
77 87.3 76.4 116.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

Tgt Ion:164 Resp: 546385
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 45.0 35.7 53.5

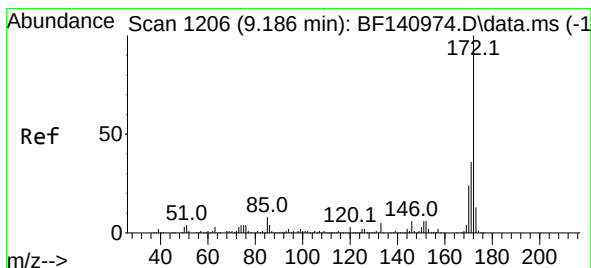
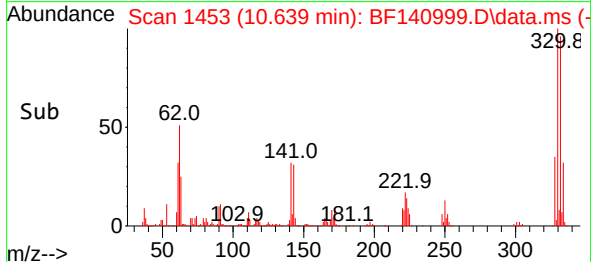
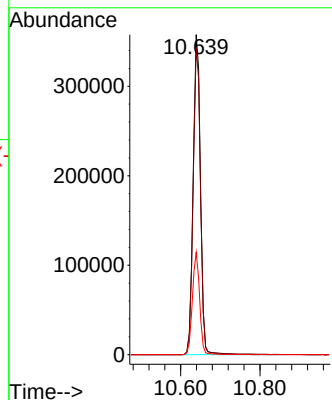
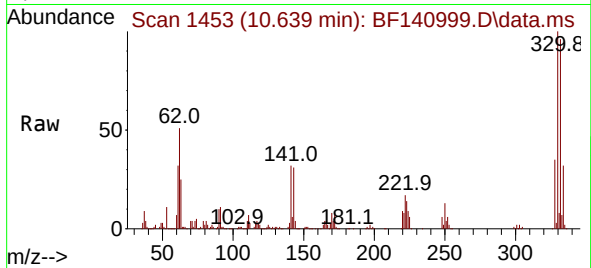




#42
2,4,6-Tribromophenol
Concen: 86.642 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

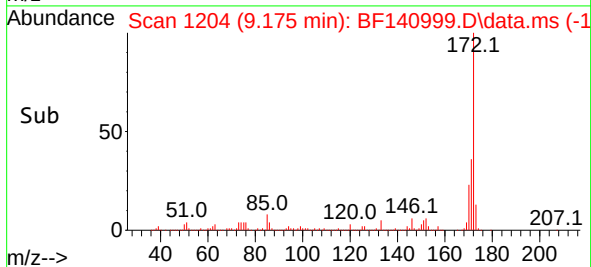
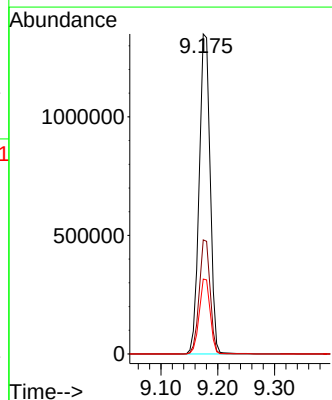
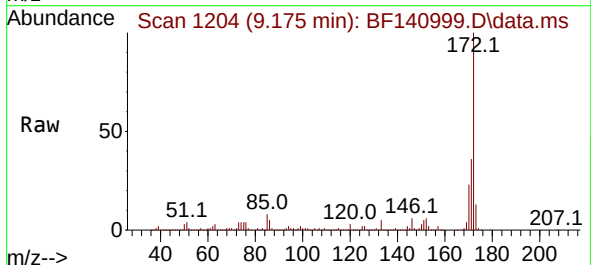
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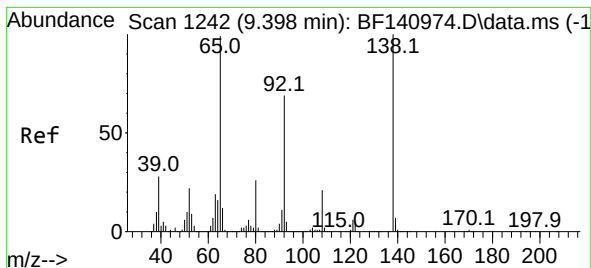
Tgt Ion:330 Resp: 460002
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 31.6 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 53.147 ng
RT: 9.175 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

Tgt Ion:172 Resp: 1822631
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.4 19.6 29.4





#48

2-Nitroaniline

Concen: 4.668 ng

RT: 9.433 min Scan# 11

Delta R.T. 0.035 min

Lab File: BF140999.D

Acq: 27 Dec 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SB-01

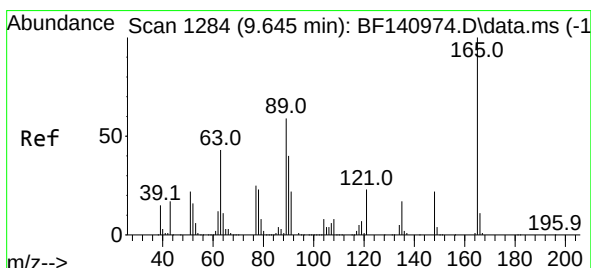
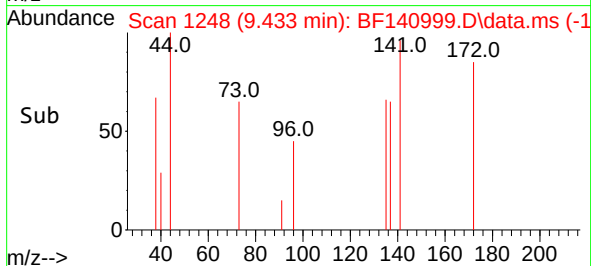
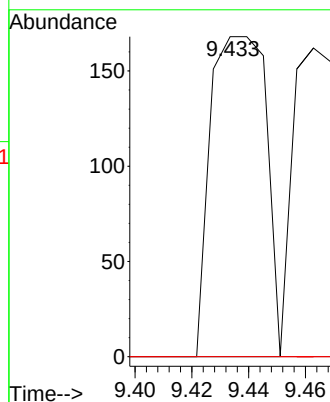
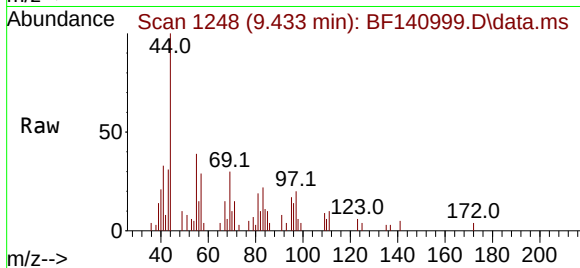
Tgt Ion: 65 Resp: 228

Ion Ratio Lower Upper

65 100

92 0.0 55.6 83.4#

138 0.0 80.5 120.7#



#51

2,6-Dinitrotoluene

Concen: 12.666 ng

RT: 9.857 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF140999.D

Acq: 27 Dec 2024 16:29

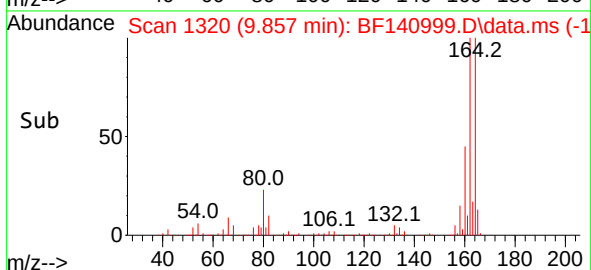
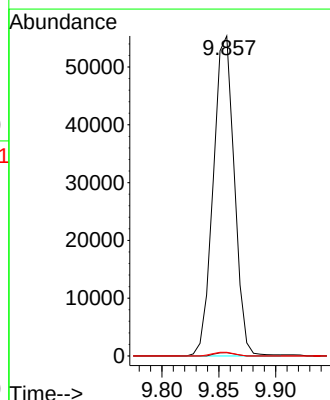
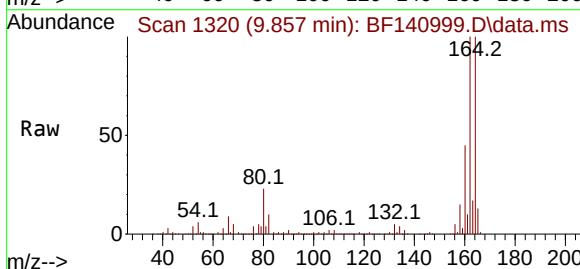
Tgt Ion:165 Resp: 71494

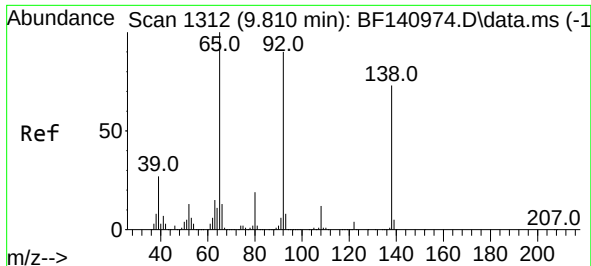
Ion Ratio Lower Upper

165 100

63 1.0 47.1 70.7#

89 1.2 47.0 70.4#

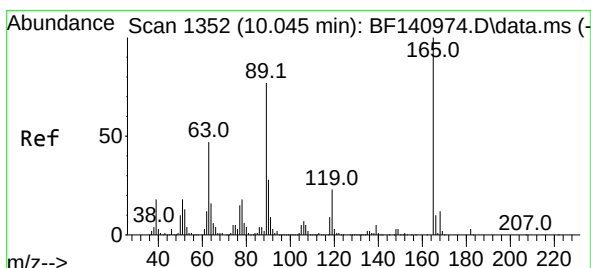
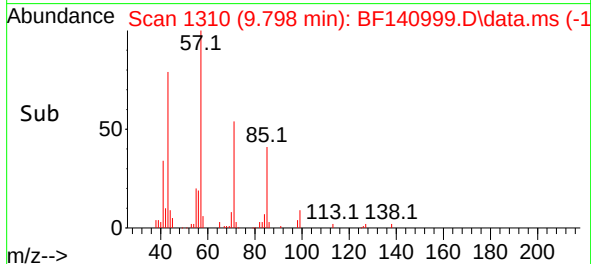
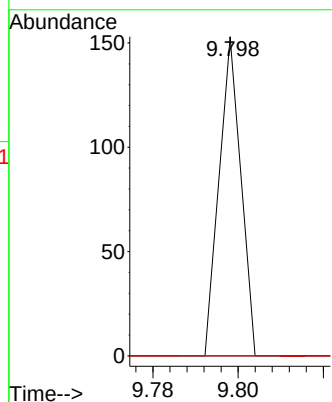
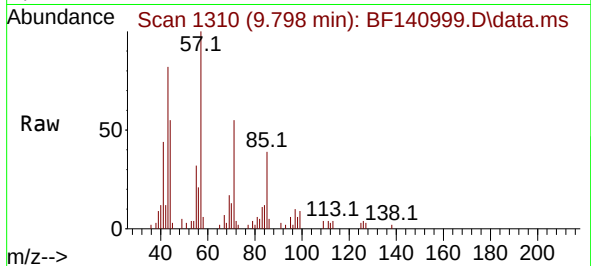




#53
3-Nitroaniline
Concen: 3.271 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

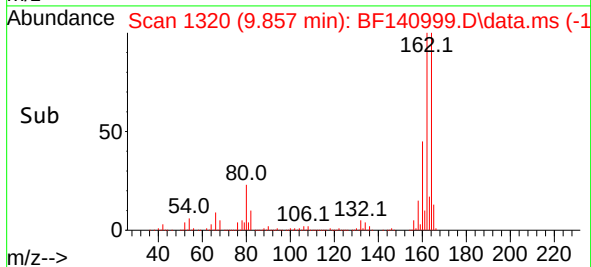
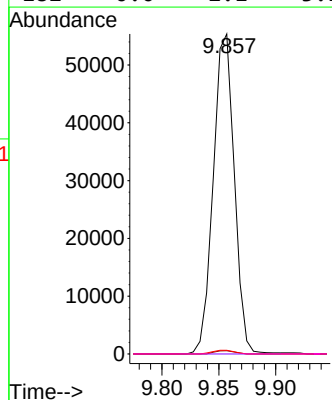
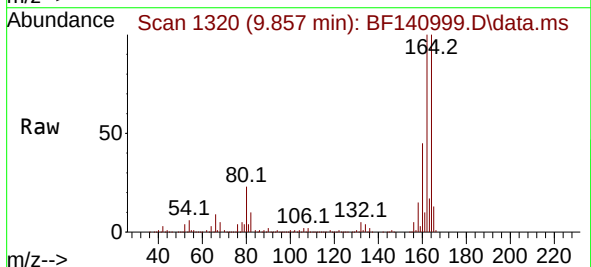
Instrument :
BNA_F
ClientSampleId :
SB-01

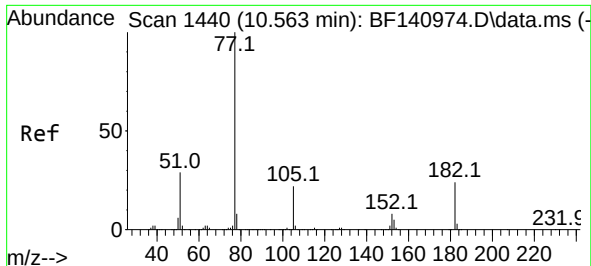
Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
108 0.0 13.5 20.3#
92 0.0 97.7 146.5#



#57
2,4-Dinitrotoluene
Concen: 11.724 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

Tgt Ion:165 Resp: 71494
Ion Ratio Lower Upper
165 100
63 1.0 38.1 57.1#
89 1.2 61.4 92.2#
182 0.0 2.1 3.1#

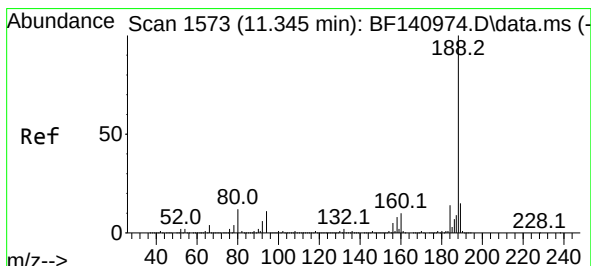
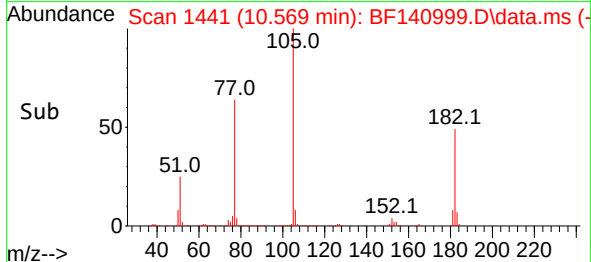
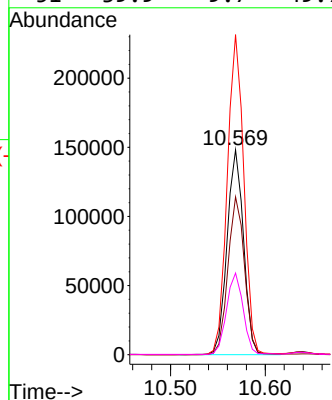
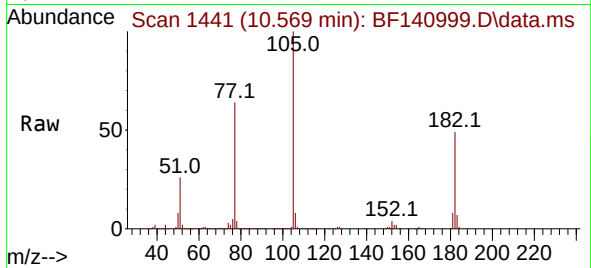




#63
Azobenzene
Concen: 4.833 ng
RT: 10.569 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

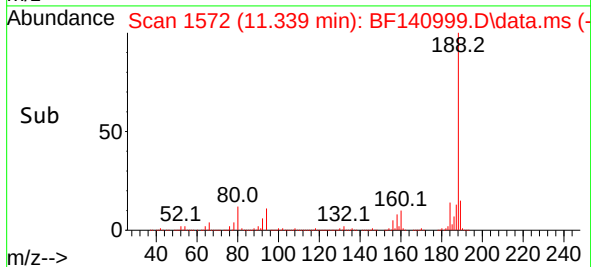
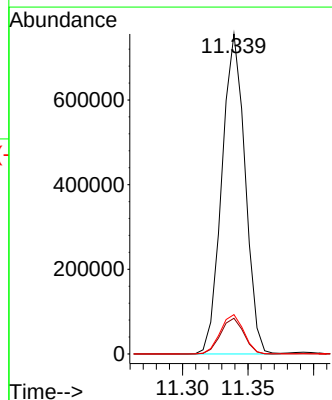
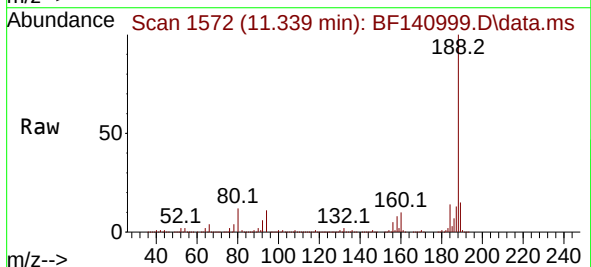
Instrument :
BNA_F
ClientSampleId :
SB-01

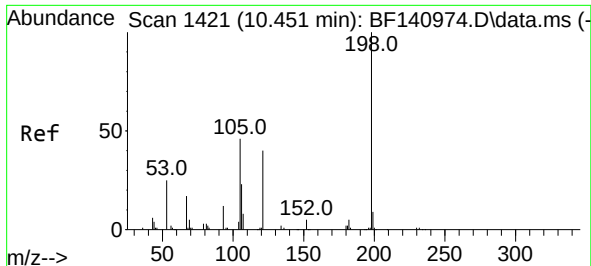
Tgt Ion: 77 Resp: 179990
Ion Ratio Lower Upper
77 100
182 77.0 4.1 44.1#
105 156.2 1.8 41.8#
51 39.9 9.7 49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF140999.D
Acq: 27 Dec 2024 16:29

Tgt Ion:188 Resp: 930453
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 12.3 9.8 14.6





#65

4,6-Dinitro-2-methylphenol

Concen: 9.578 ng

RT: 10.639 min Scan# 1453

Delta R.T. 0.188 min

Lab File: BF140999.D

Acq: 27 Dec 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SB-01

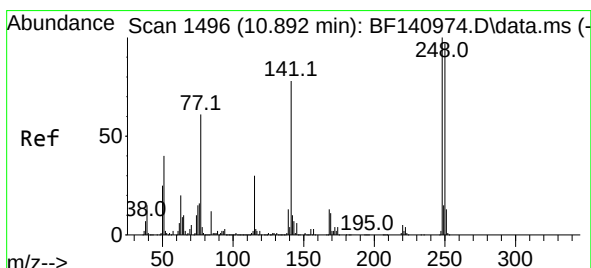
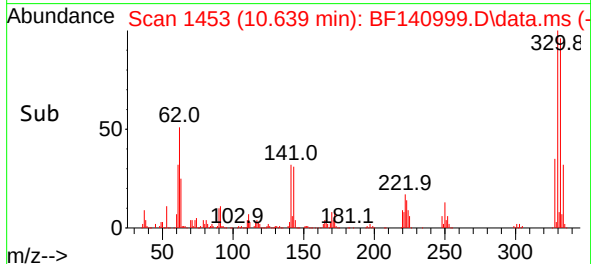
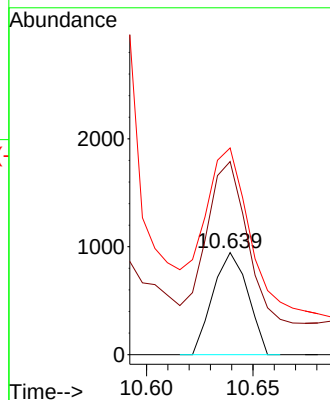
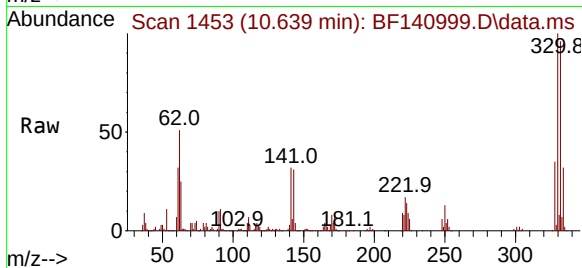
Tgt Ion:198 Resp: 1081

Ion Ratio Lower Upper

198 100

51 189.2 32.3 72.3#

105 202.4 28.4 68.4#



#67

4-Bromophenyl-phenylether

Concen: 2.878 ng

RT: 10.639 min Scan# 1453

Delta R.T. -0.253 min

Lab File: BF140999.D

Acq: 27 Dec 2024 16:29

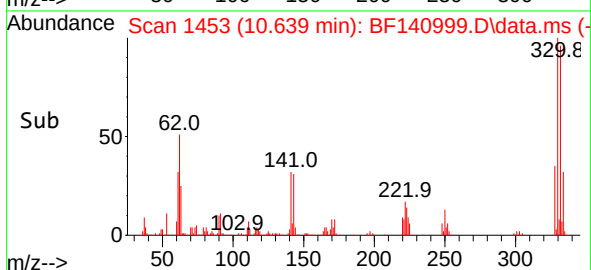
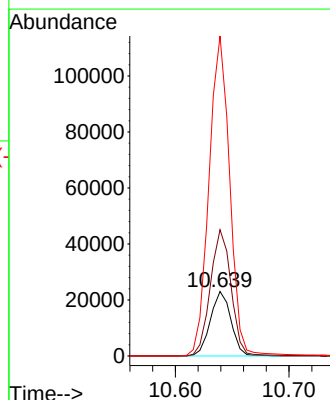
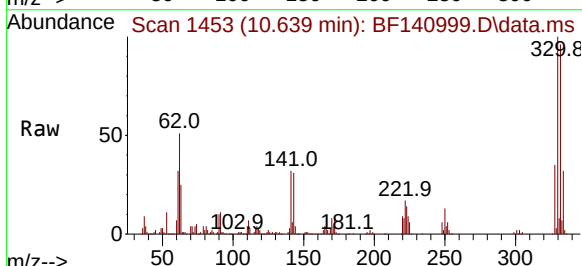
Tgt Ion:248 Resp: 28949

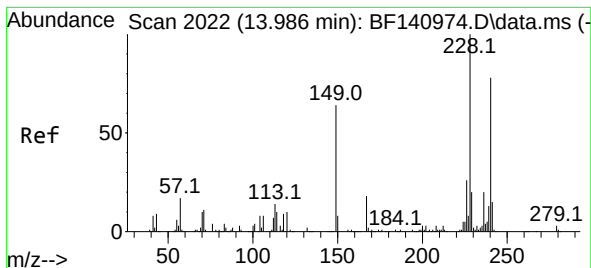
Ion Ratio Lower Upper

248 100

250 195.6 77.7 116.5#

141 496.1 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: BF140999.D

Acq: 27 Dec 2024 16:29

Instrument :

BNA_F

ClientSampleId :

SB-01

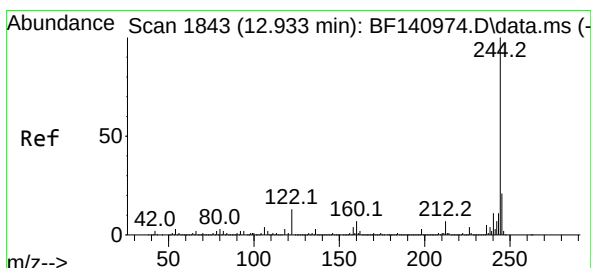
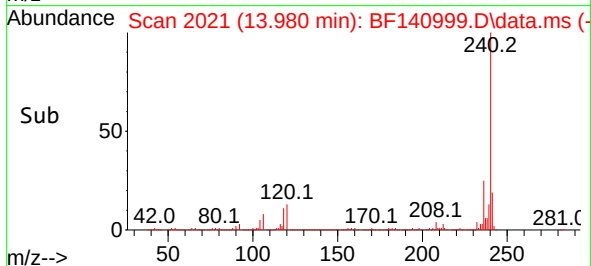
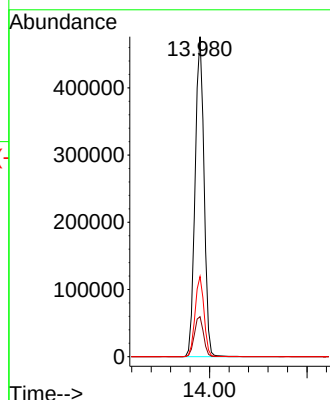
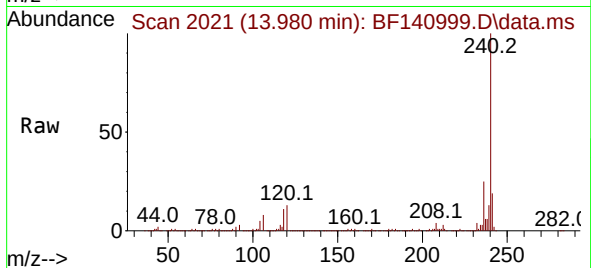
Tgt Ion:240 Resp: 608004

Ion Ratio Lower Upper

240 100

120 12.5 10.7 16.1

236 25.0 20.6 31.0



#79

Terphenyl-d14

Concen: 53.015 ng

RT: 12.927 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF140999.D

Acq: 27 Dec 2024 16:29

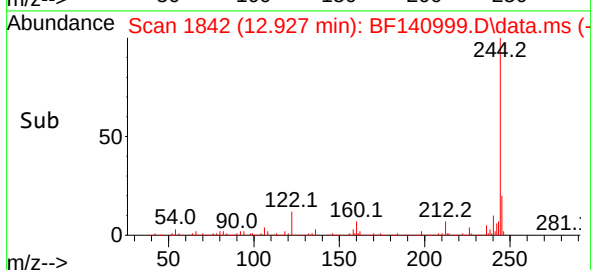
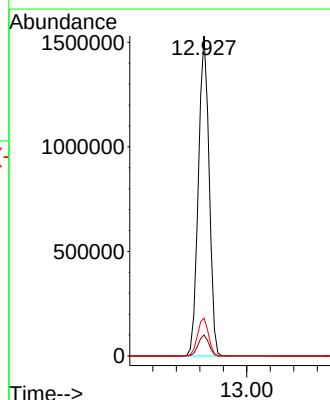
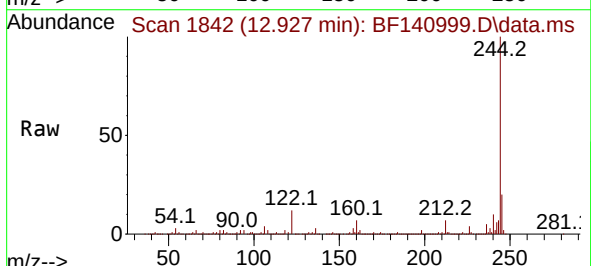
Tgt Ion:244 Resp: 1940618

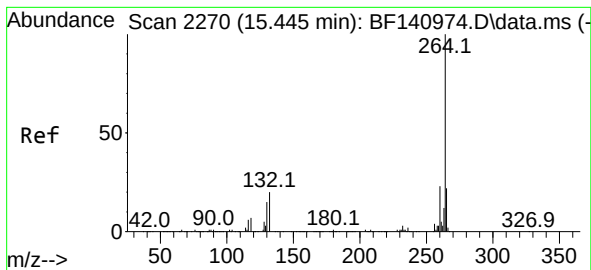
Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

122 11.9 10.2 15.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF140999.D
 Acq: 27 Dec 2024 16:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Tgt Ion:264 Resp: 540868
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.6 17.4 26.2

