

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140995.D
 Acq On : 27 Dec 2024 14:26
 Operator : RC/JU
 Sample : PB165872BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165872BL

Quant Time: Dec 27 15:07:39 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)

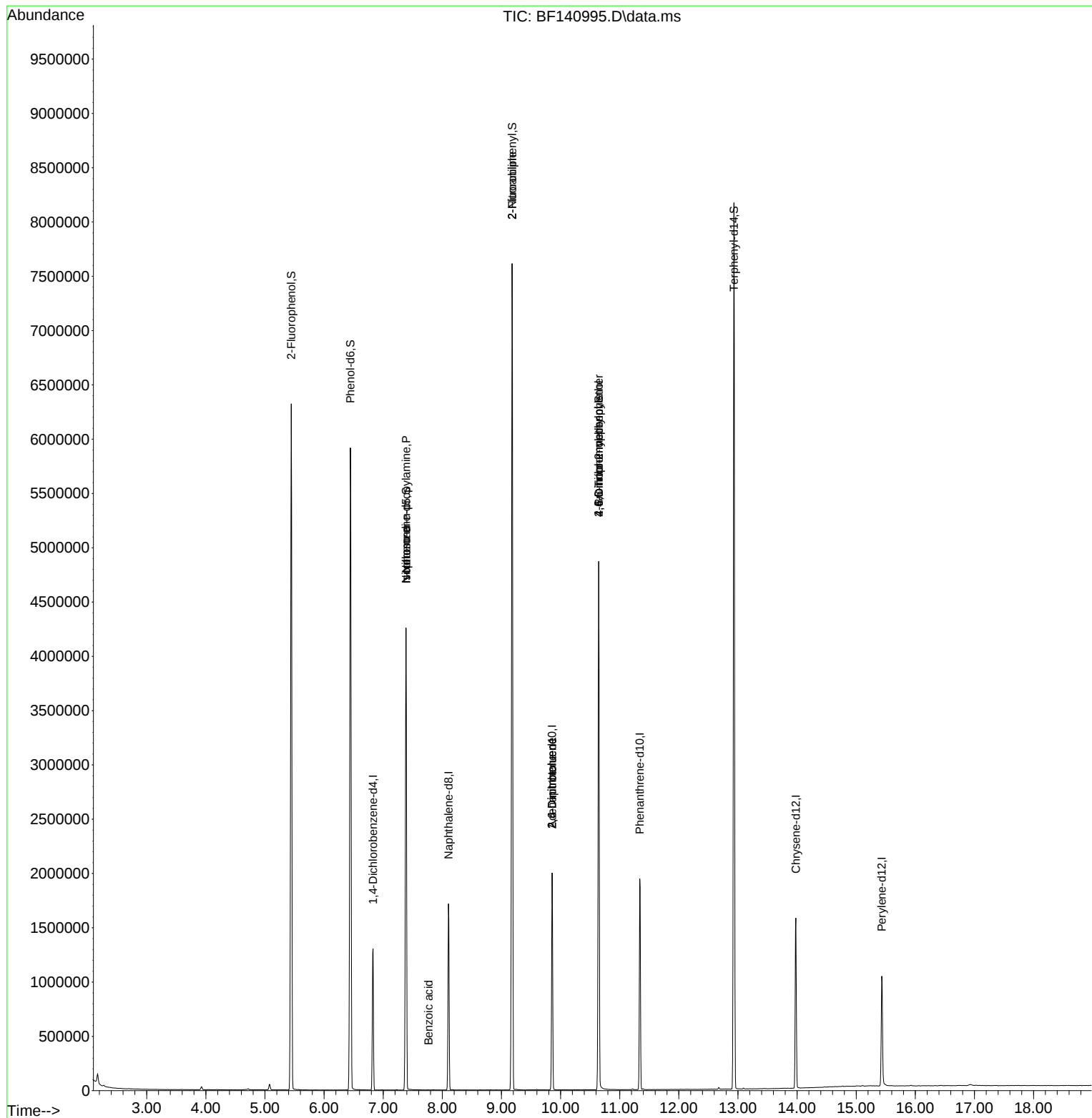
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	275769	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1104141	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	585556	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	980499	20.000	ng	0.00
76) Chrysene-d12	13.980	240	736597	20.000	ng	0.00
86) Perylene-d12	15.433	264	589557	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2578085	140.920	ng	0.01
7) Phenol-d6	6.445	99	3197633	135.680	ng	0.00
23) Nitrobenzene-d5	7.387	82	2048287	118.685	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	881450	154.915	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	3465116	94.282	ng	0.00
79) Terphenyl-d14	12.933	244	3959521	89.286	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.375	77	247	Below Cal		93
19) n-Nitroso-di-n-propyla...	7.387	70	275790	19.101 ng	#	79
25) Isophorone	7.387	82	2037754	54.261 ng	#	65
32) Benzoic acid	7.769	122	241	7.710 ng	#	85
48) 2-Nitroaniline	9.181	65	6565	5.296 ng	#	1
51) 2,6-Dinitrotoluene	9.857	165	76116	12.607 ng	#	23
57) 2,4-Dinitrotoluene	9.857	165	76116	11.676 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.645	198	1972	9.750 ng	#	1
67) 4-Bromophenyl-phenylether	10.645	248	54065	5.101 ng	#	1

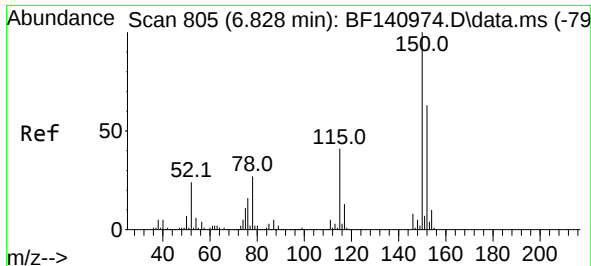
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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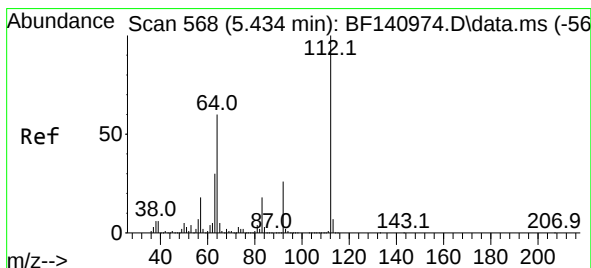
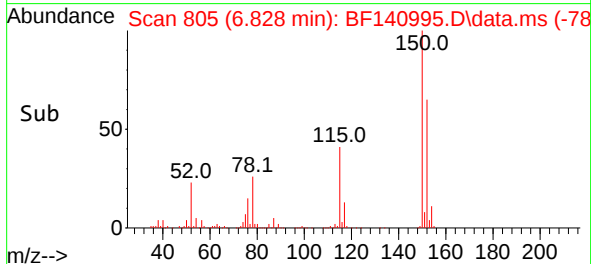
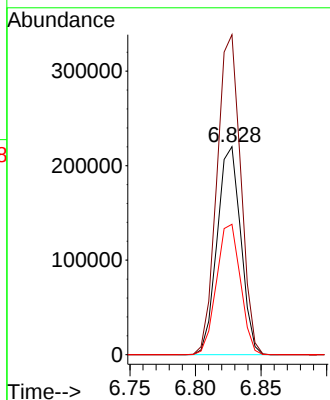
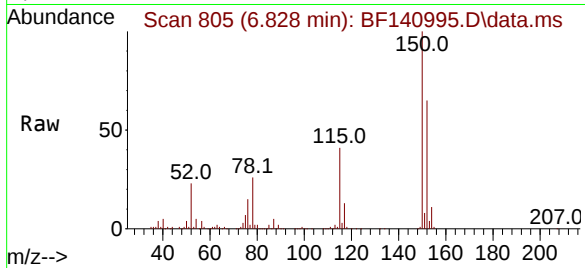




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

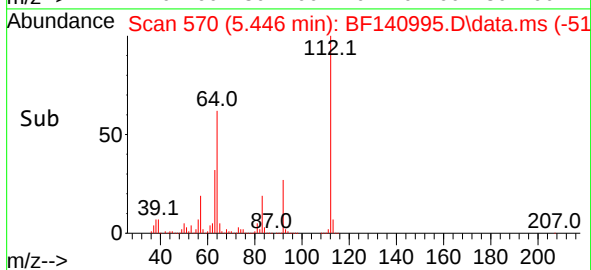
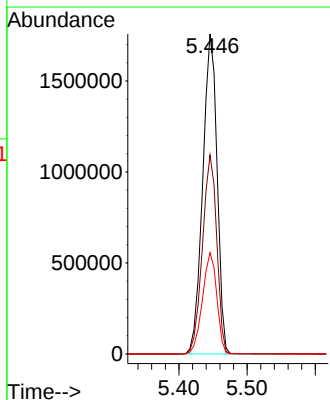
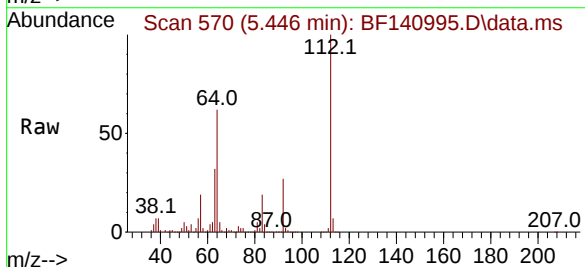
Instrument :
BNA_F
ClientSampleId :
PB165872BL

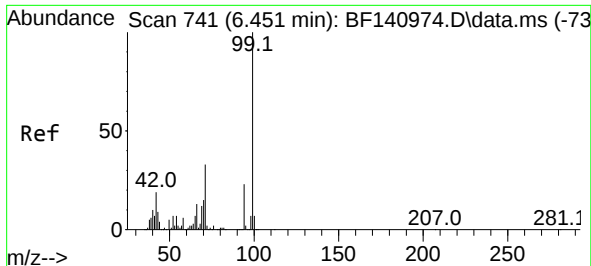
Tgt Ion:152 Resp: 275769
Ion Ratio Lower Upper
152 100
150 153.9 127.0 190.6
115 62.7 51.7 77.5



#5
2-Fluorophenol
Concen: 140.920 ng
RT: 5.446 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

Tgt Ion:112 Resp: 2578085
Ion Ratio Lower Upper
112 100
64 62.1 47.7 71.5
63 31.7 24.2 36.2

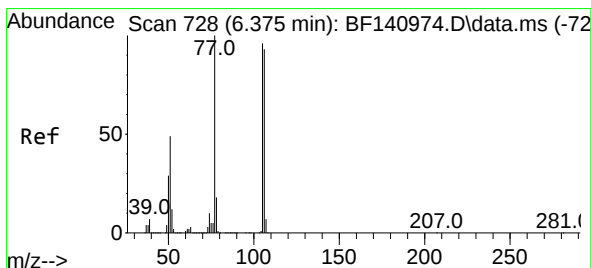
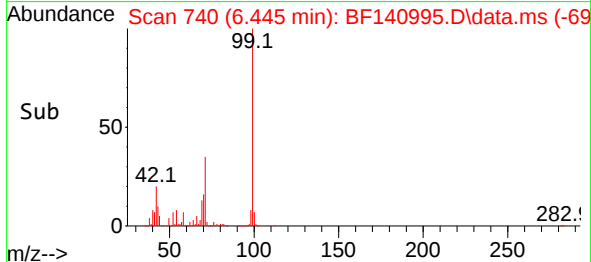
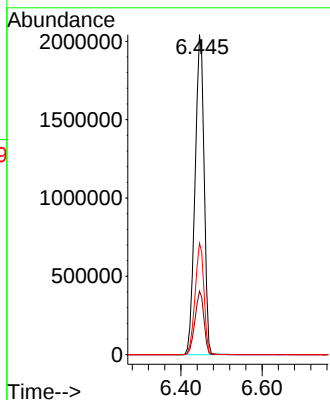
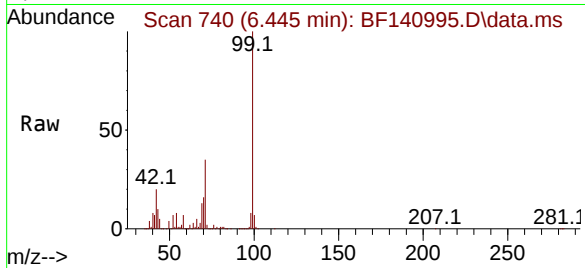




#7
Phenol-d6
Concen: 135.680 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

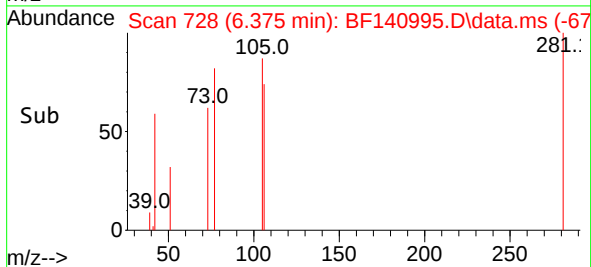
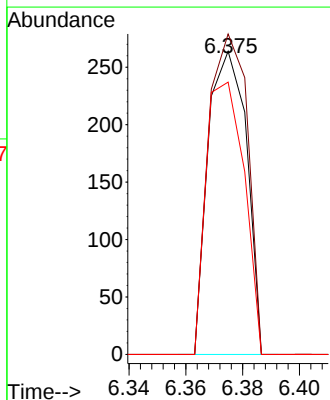
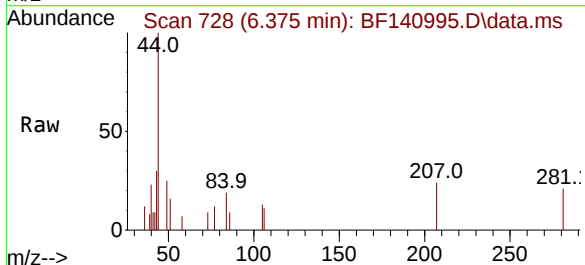
Instrument :
BNA_F
ClientSampleId :
PB165872BL

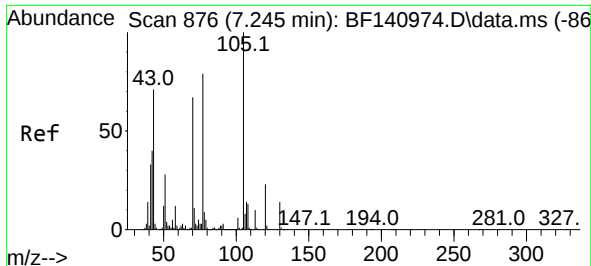
Tgt Ion: 99 Resp: 3197633
Ion Ratio Lower Upper
99 100
42 19.8 15.0 22.4
71 34.9 26.2 39.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

Tgt Ion: 77 Resp: 247
Ion Ratio Lower Upper
77 100
105 105.7 76.2 116.2
106 89.8 73.4 113.4

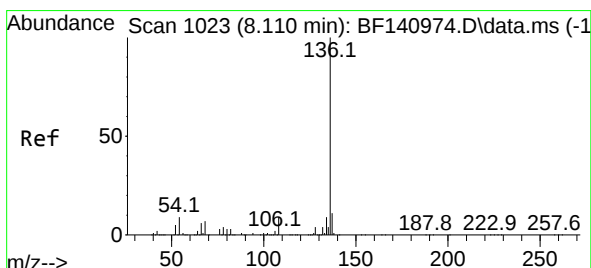
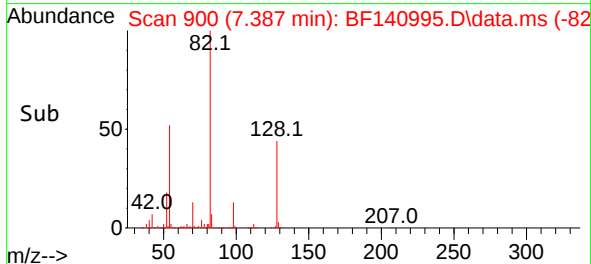
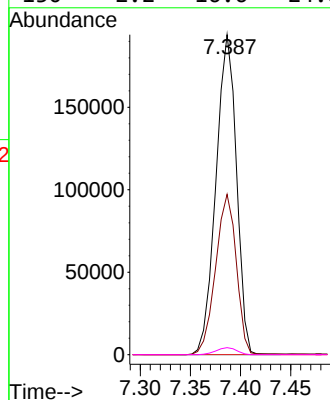
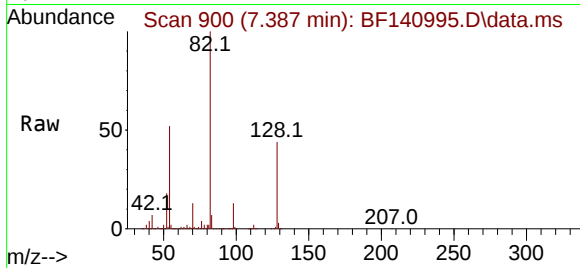




#19
n-Nitroso-di-n-propylamine
Concen: 19.101 ng
RT: 7.387 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

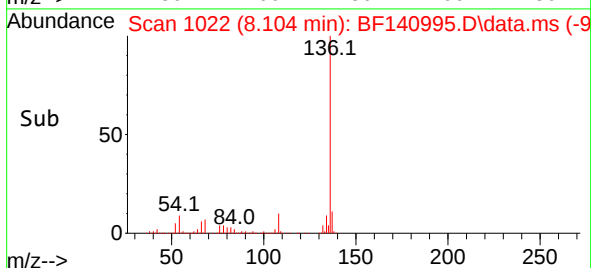
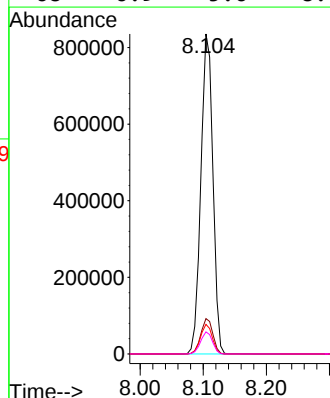
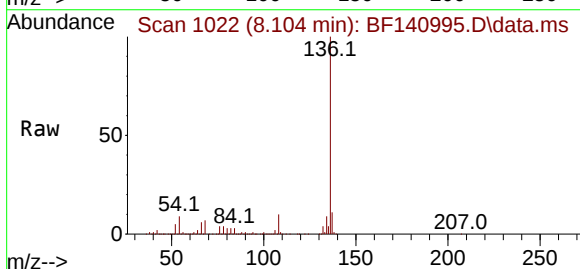
Instrument :
BNA_F
ClientSampleId :
PB165872BL

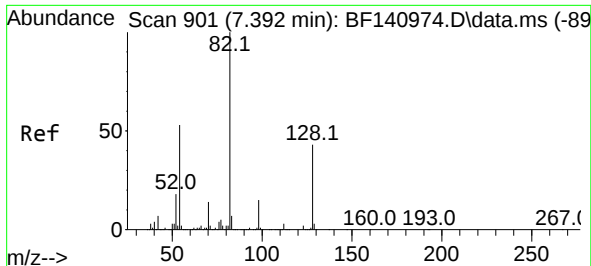
Tgt Ion: 70 Resp: 275790
Ion Ratio Lower Upper
70 100
42 50.1 48.1 72.1
101 0.0 7.6 11.4#
130 2.2 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

Tgt Ion: 136 Resp: 1104141
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.3 7.6 11.4
68 6.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 118.685 ng

RT: 7.387 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF140995.D

Acq: 27 Dec 2024 14:26

Instrument :

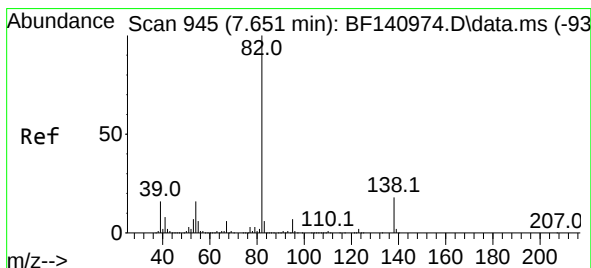
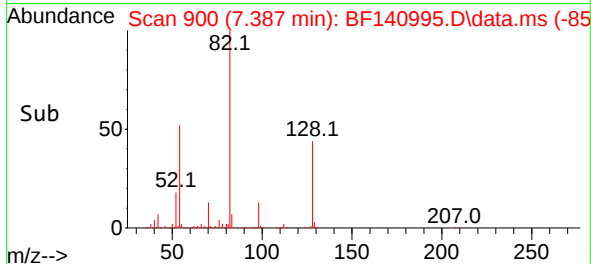
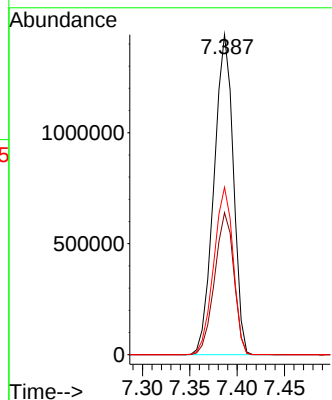
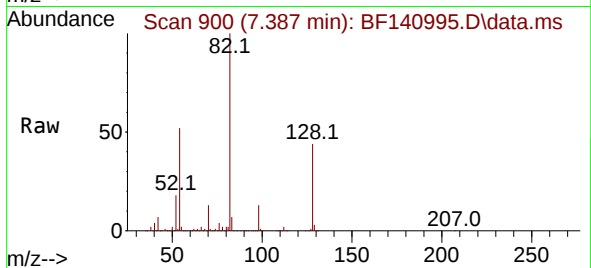
BNA_F

ClientSampleId :

PB165872BL

Tgt Ion: 82 Resp: 2048287

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.4	51.6
54	52.3	42.4	63.6



#25

Isophorone

Concen: 54.261 ng

RT: 7.387 min Scan# 900

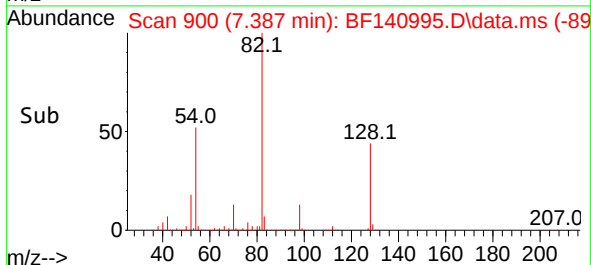
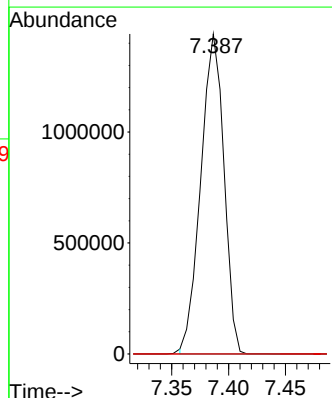
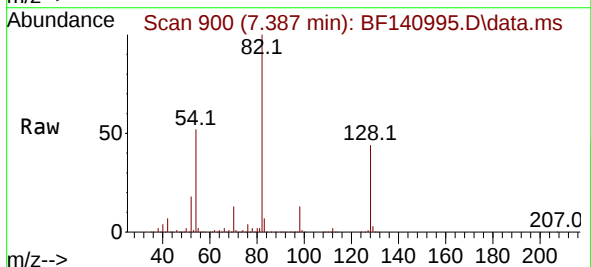
Delta R.T. -0.265 min

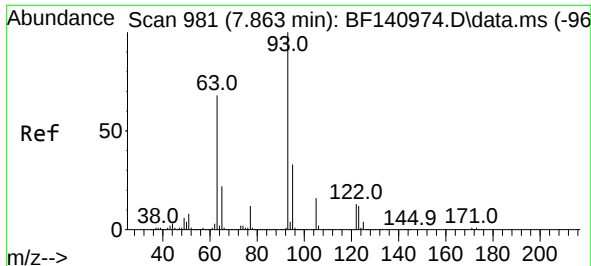
Lab File: BF140995.D

Acq: 27 Dec 2024 14:26

Tgt Ion: 82 Resp: 2037754

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

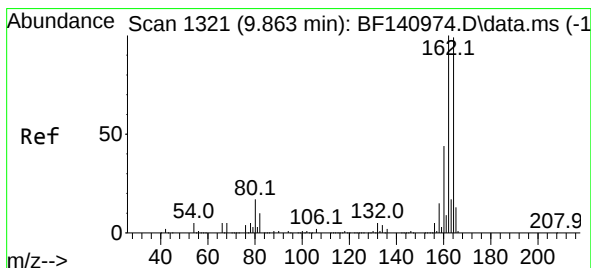
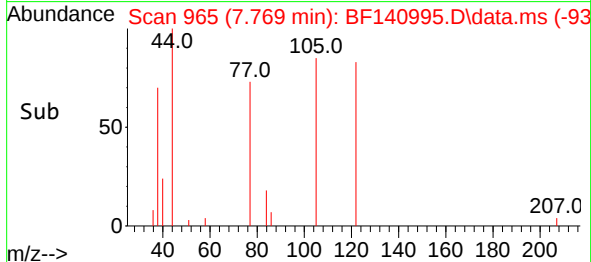
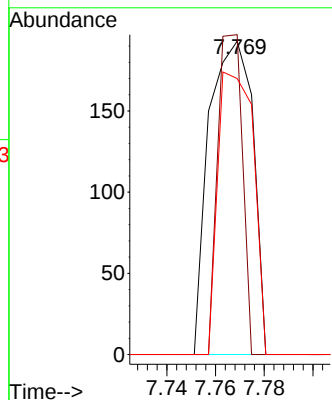
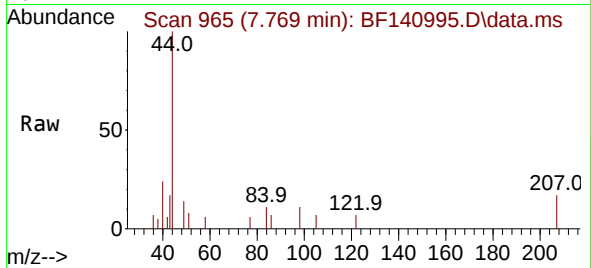




#32
Benzoic acid
Concen: 7.710 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.094 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

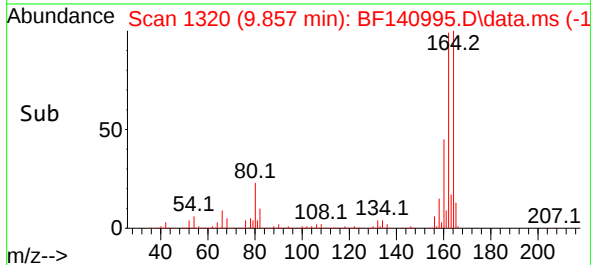
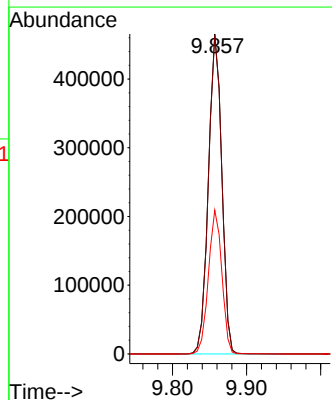
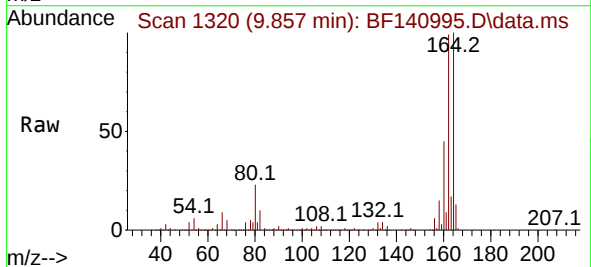
Instrument :
BNA_F
ClientSampleId :
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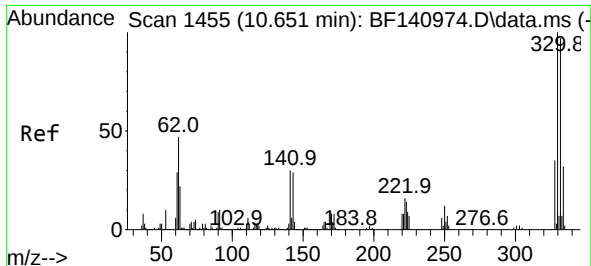
Tgt Ion:122 Resp: 241
Ion Ratio Lower Upper
122 100
105 102.1 105.4 145.4#
77 88.1 76.4 116.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

Tgt Ion:164 Resp: 585556
Ion Ratio Lower Upper
164 100
162 99.5 80.6 120.8
160 44.9 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 154.915 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF140995.D

Acq: 27 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

PB165872BL

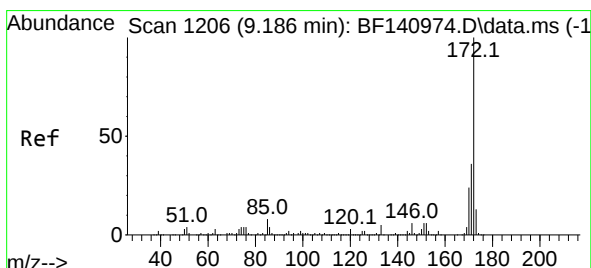
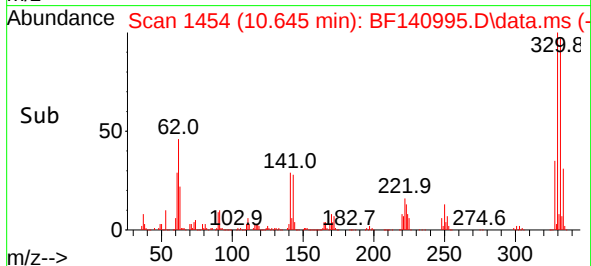
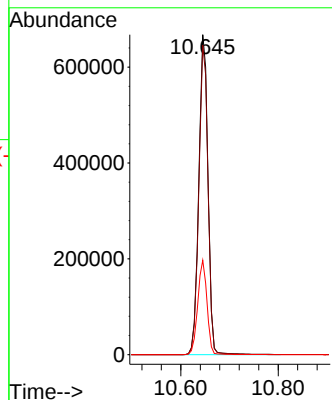
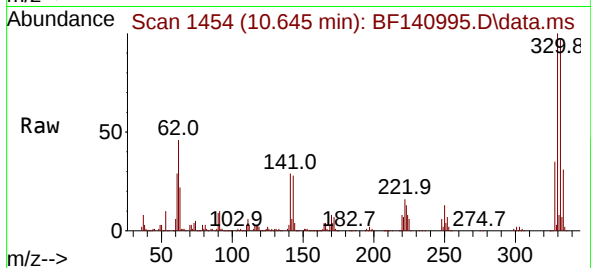
Tgt Ion:330 Resp: 881450

Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

141 29.7 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 94.282 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140995.D

Acq: 27 Dec 2024 14:26

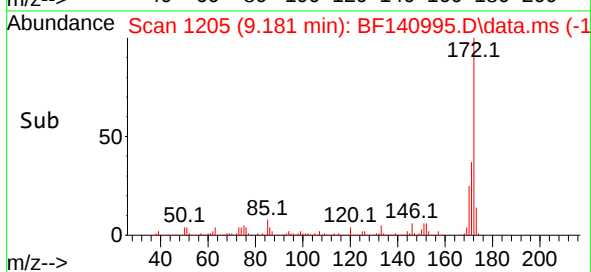
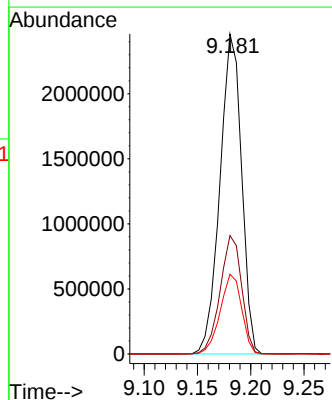
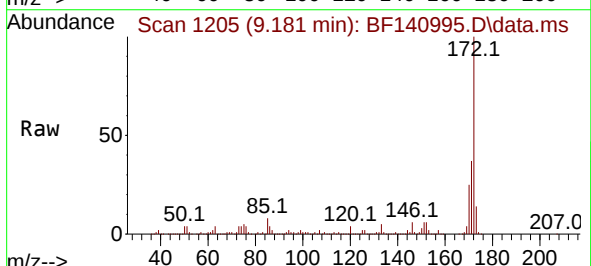
Tgt Ion:172 Resp: 3465116

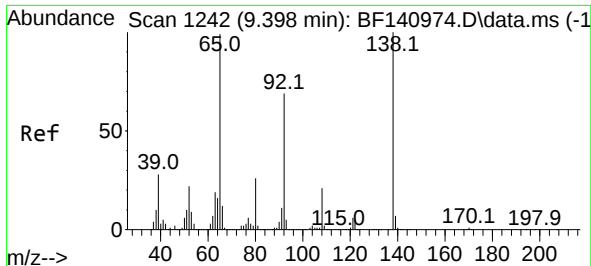
Ion Ratio Lower Upper

172 100

171 37.0 29.0 43.4

170 24.9 19.6 29.4

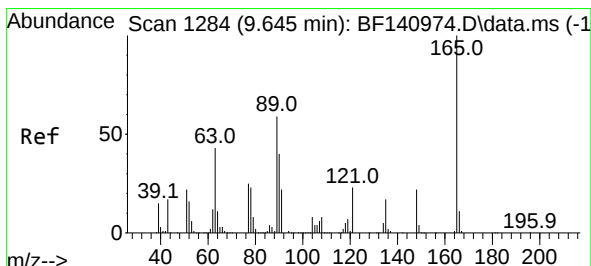
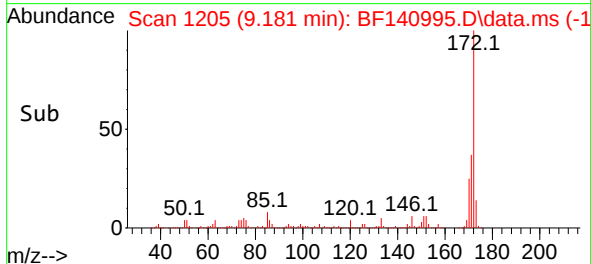
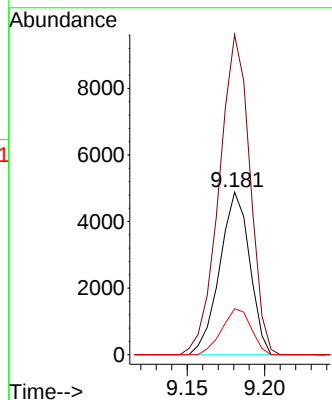
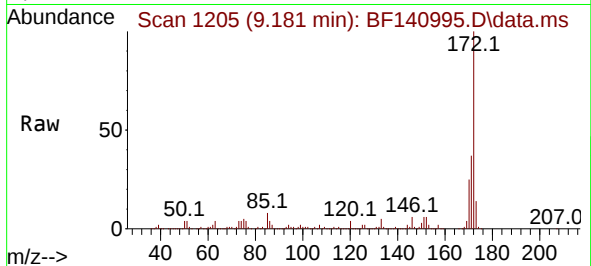




#48
2-Nitroaniline
Concen: 5.296 ng
RT: 9.181 min Scan# 11
Delta R.T. -0.217 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

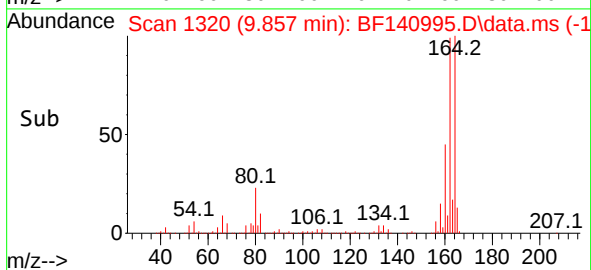
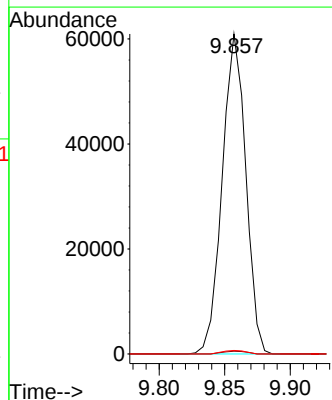
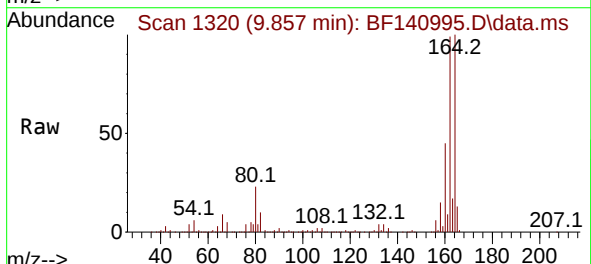
Instrument :
BNA_F
ClientSampleId :
PB165872BL

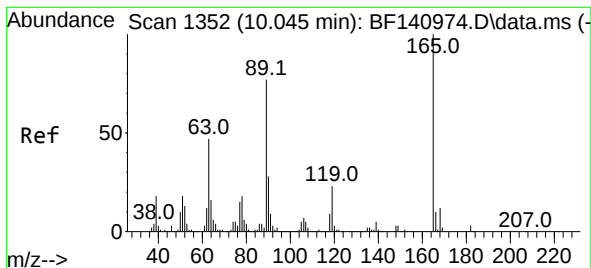
Tgt Ion: 65 Resp: 6565
Ion Ratio Lower Upper
65 100
92 196.8 55.6 83.4#
138 28.3 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 12.607 ng
RT: 9.857 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

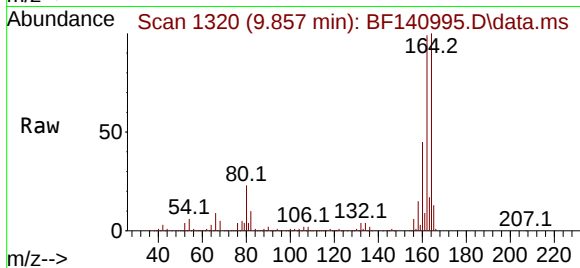
Tgt Ion:165 Resp: 76116
Ion Ratio Lower Upper
165 100
63 0.9 47.1 70.7#
89 1.1 47.0 70.4#



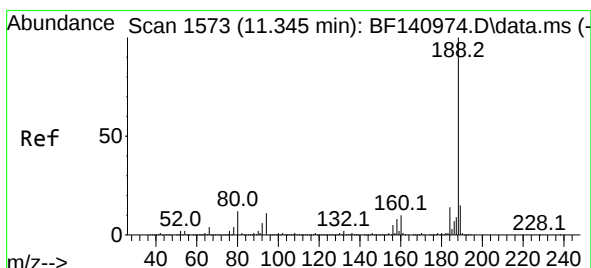
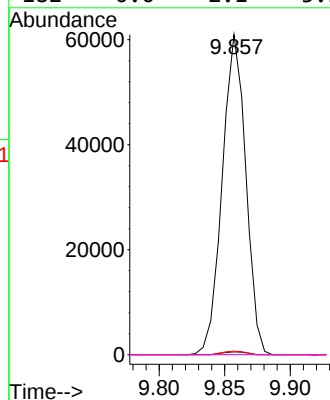
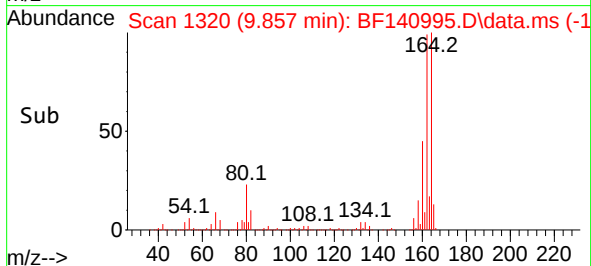


#57
2,4-Dinitrotoluene
Concen: 11.676 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
PB165872BL

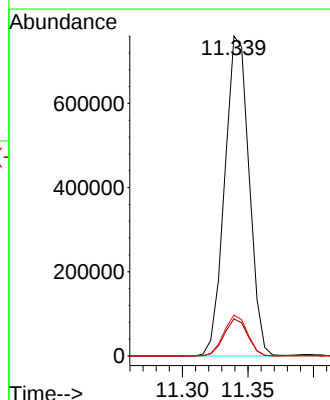
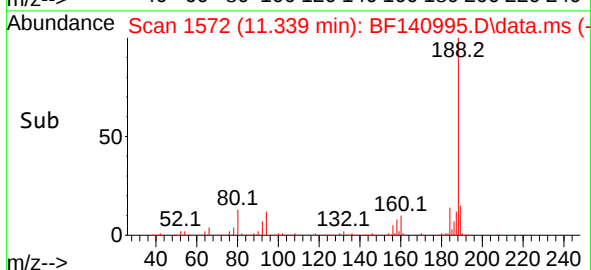
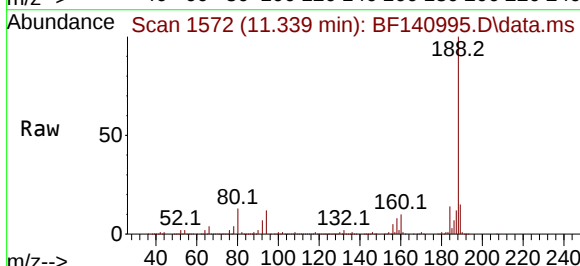


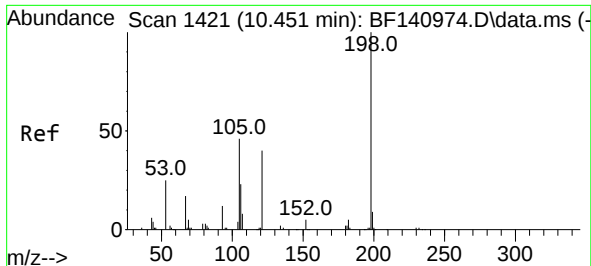
Tgt Ion:165 Resp: 76116
Ion Ratio Lower Upper
165 100
63 0.9 38.1 57.1#
89 1.1 61.4 92.2#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

Tgt Ion:188 Resp: 980499
Ion Ratio Lower Upper
188 100
94 11.6 9.0 13.6
80 12.8 9.8 14.6

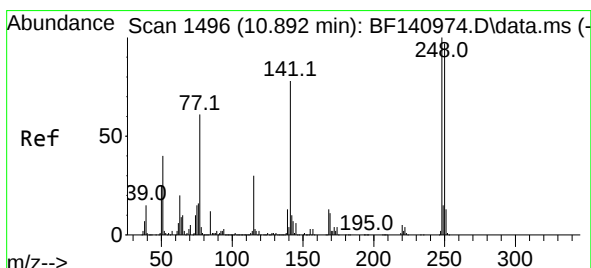
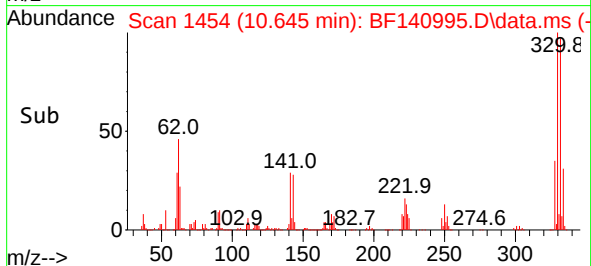
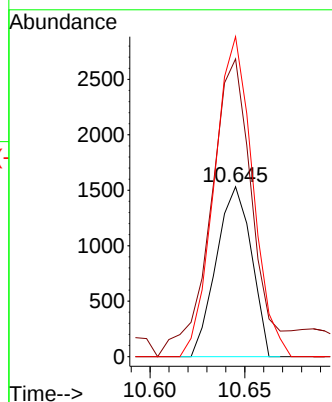
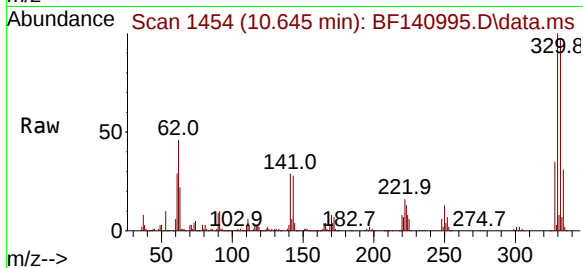




#65
4,6-Dinitro-2-methylphenol
Concen: 9.750 ng
RT: 10.645 min Scan# 1421
Delta R.T. 0.194 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

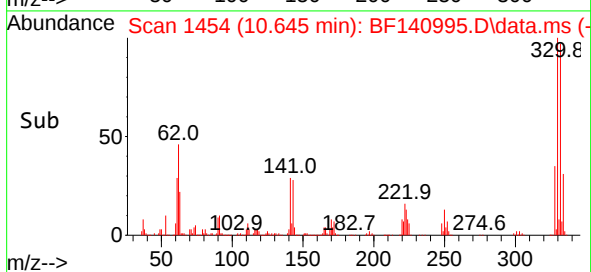
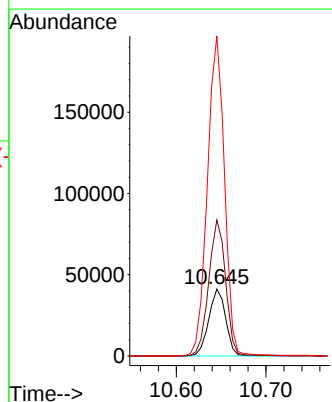
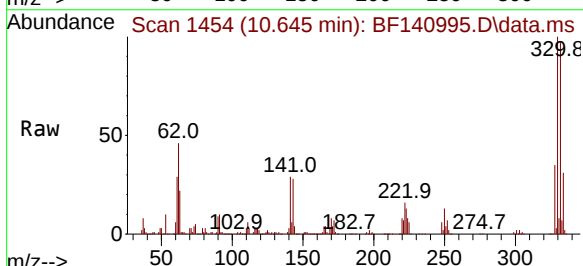
Instrument :
BNA_F
ClientSampleId :
PB165872BL

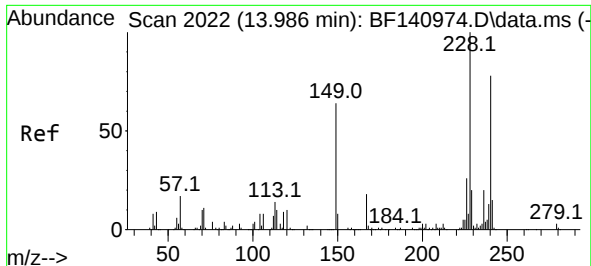
Tgt Ion:198 Resp: 1972
Ion Ratio Lower Upper
198 100
51 175.3 32.3 72.3#
105 188.3 28.4 68.4#



#67
4-Bromophenyl-phenylether
Concen: 5.101 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

Tgt Ion:248 Resp: 54065
Ion Ratio Lower Upper
248 100
250 203.3 77.7 116.5#
141 478.4 62.1 93.1#

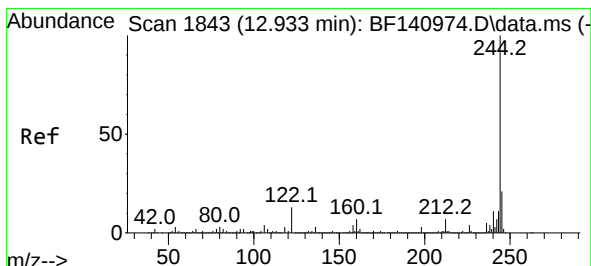
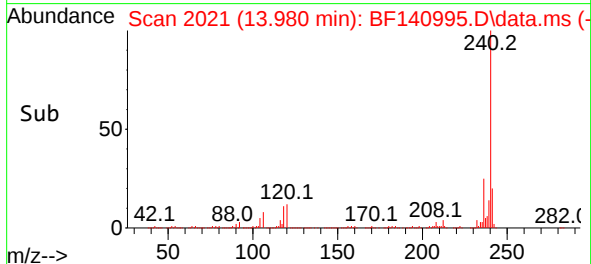
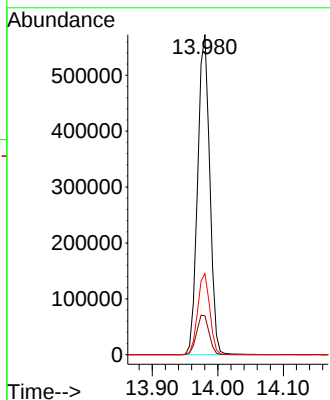
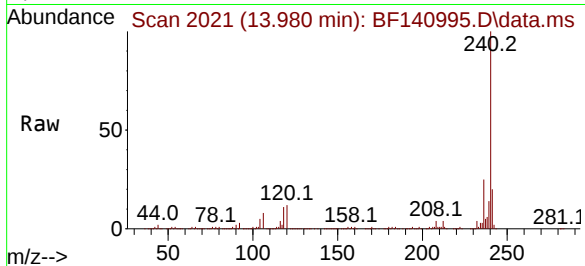




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

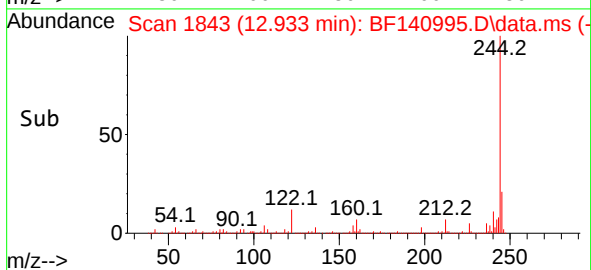
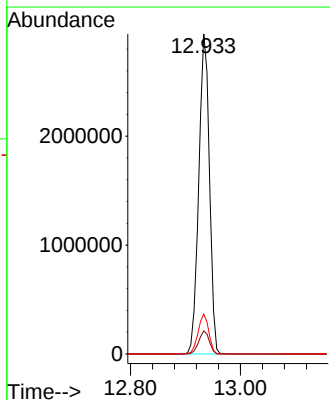
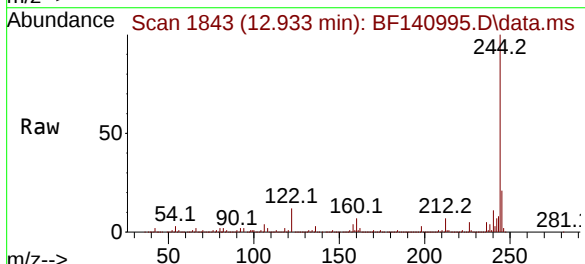
Instrument :
BNA_F
ClientSampleId :
PB165872BL

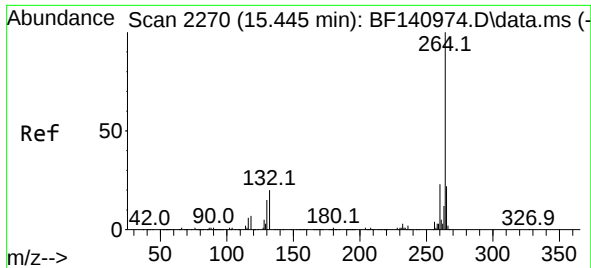
Tgt Ion:240 Resp: 736597
Ion Ratio Lower Upper
240 100
120 12.2 10.7 16.1
236 25.3 20.6 31.0



#79
Terphenyl-d14
Concen: 89.286 ng
RT: 12.933 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

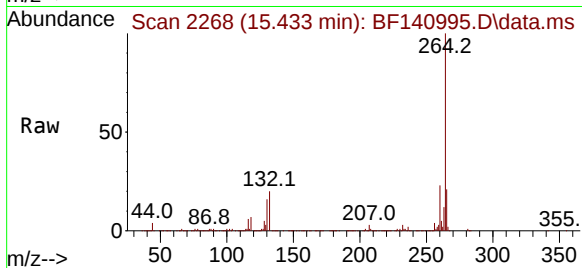
Tgt Ion:244 Resp: 3959521
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 12.5 10.2 15.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF140995.D
Acq: 27 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
PB165872BL



Tgt Ion:264 Resp: 589557

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.4	17.4	26.2

