

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139985.D
 Acq On : 24 Oct 2024 01:08
 Operator : RC/JU
 Sample : P4473-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

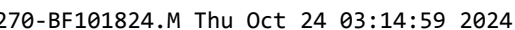
Quant Time: Oct 24 03:14:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

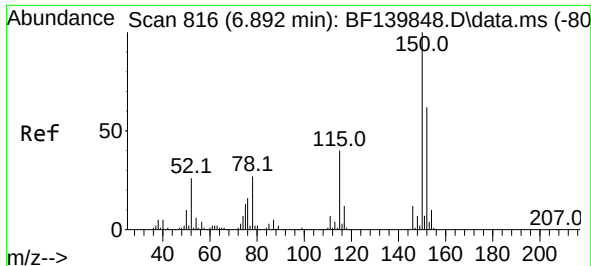
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	122079	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	419562	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	193817	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	323002	20.000	ng	0.00
76) Chrysene-d12	14.051	240	307625	20.000	ng	0.00
86) Perylene-d12	15.527	264	232454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	590424	75.713	ng	0.00
7) Phenol-d6	6.504	99	715473	70.840	ng	0.00
23) Nitrobenzene-d5	7.445	82	467101	61.703	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	145021	79.994	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	698531	59.564	ng	0.00
79) Terphenyl-d14	12.998	244	664804	35.214	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	62415	10.189	ng	# 76
25) Isophorone	7.445	82	464827	32.351	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	25454	9.738	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	25454	7.919	ng	# 21
63) Azobenzene	10.633	77	84207	6.701	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	9196	2.764	ng	# 1

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

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QLast Update : Fri Oct 18 15:07:50 2024
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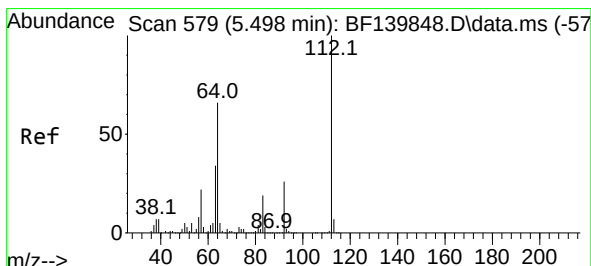
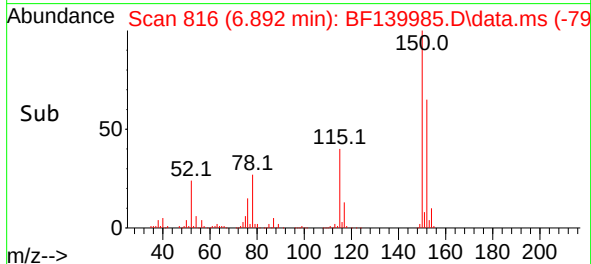
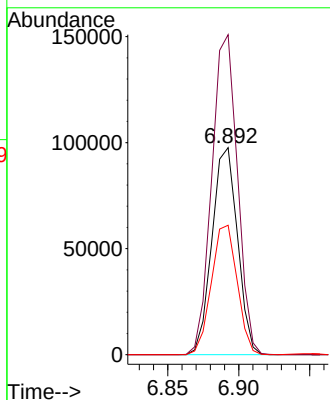
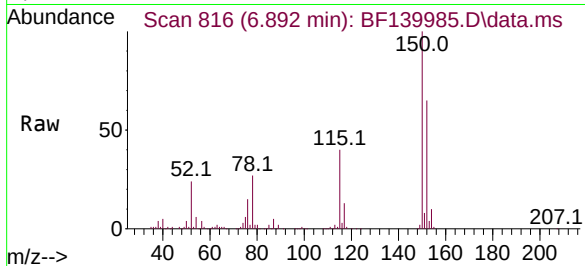




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

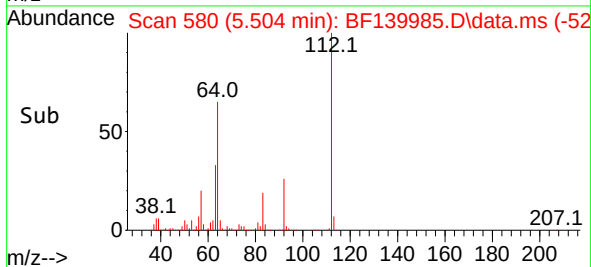
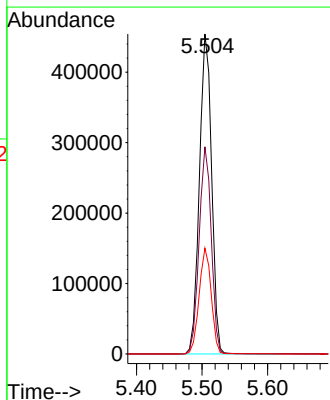
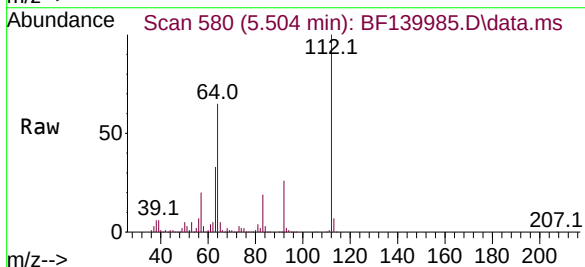
Instrument :
BNA_F
ClientSampleId :
TS-1

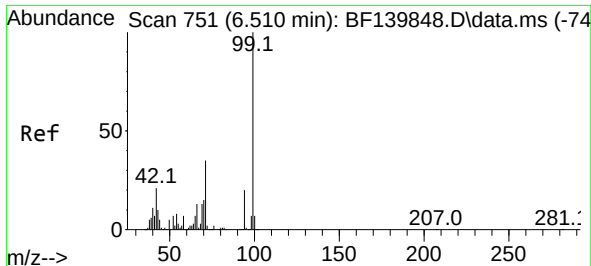
Tgt Ion:152 Resp: 122079
Ion Ratio Lower Upper
152 100
150 154.5 130.2 195.2
115 62.5 51.4 77.2



#5
2-Fluorophenol
Concen: 75.713 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

Tgt Ion:112 Resp: 590424
Ion Ratio Lower Upper
112 100
64 64.8 53.0 79.6
63 33.0 27.0 40.4

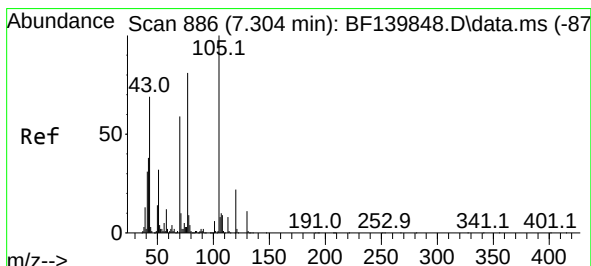
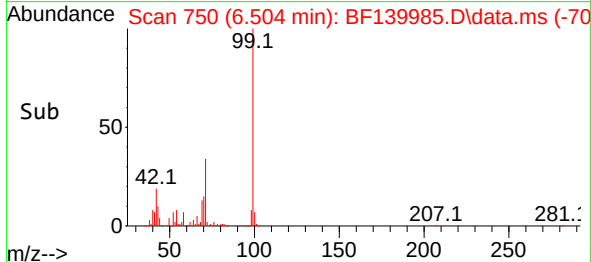
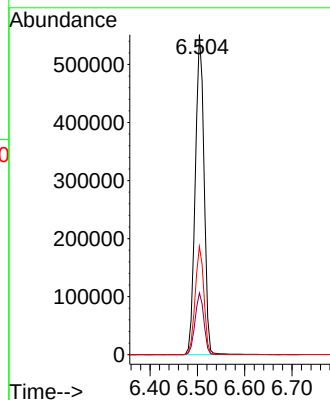
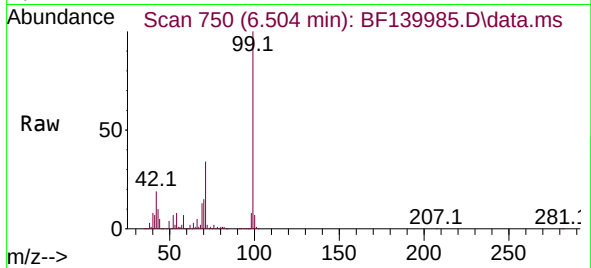




#7
Phenol-d6
Concen: 70.840 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

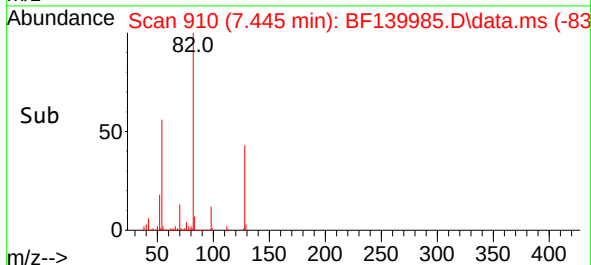
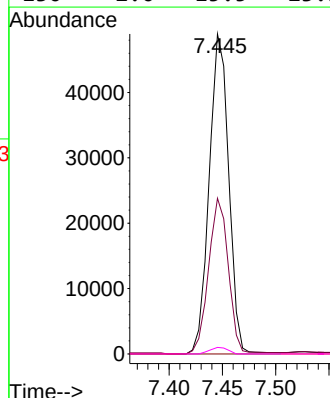
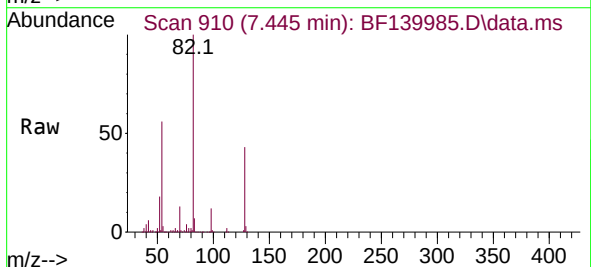
Instrument :
BNA_F
ClientSampleId :
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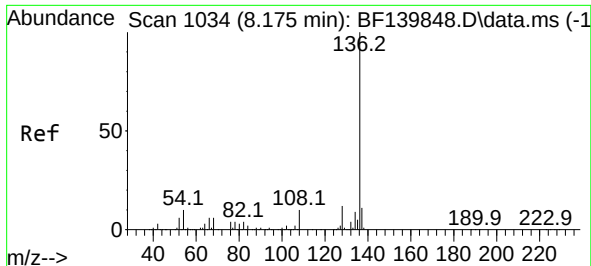
Tgt Ion: 99 Resp: 715473
Ion Ratio Lower Upper
99 100
42 19.3 16.7 25.1
71 33.8 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.189 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

Tgt Ion: 70 Resp: 62415
Ion Ratio Lower Upper
70 100
42 48.7 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



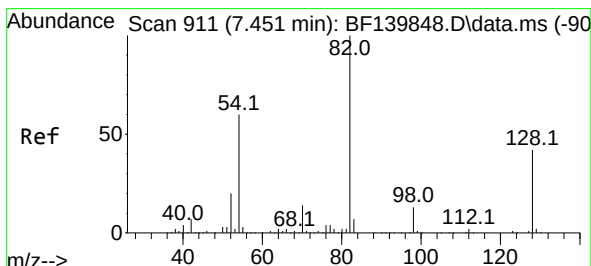
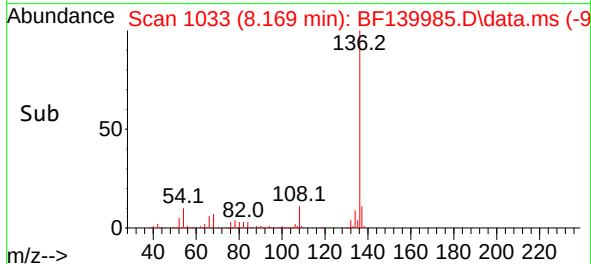
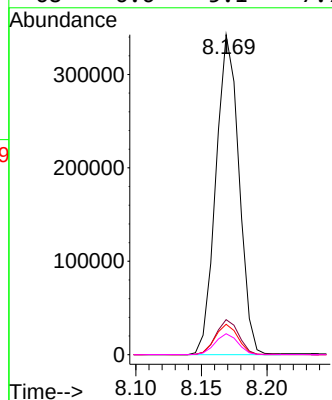
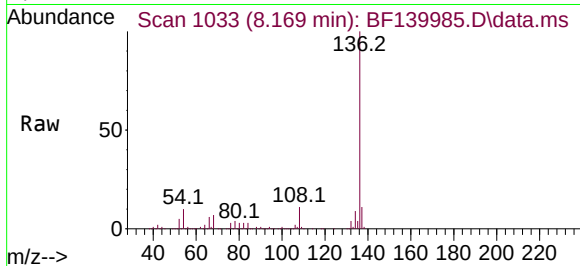


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

Instrument :
BNA_F
ClientSampleId :
TS-1

Tgt Ion:136 Resp: 419562

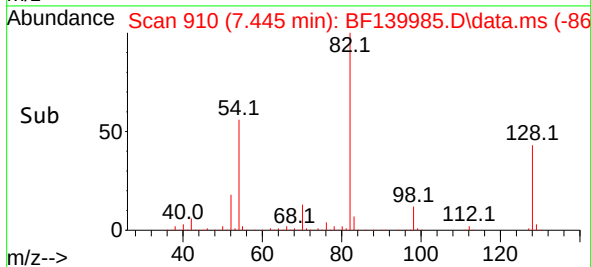
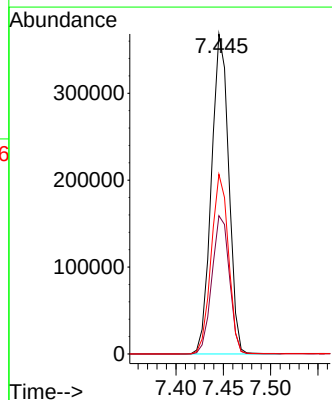
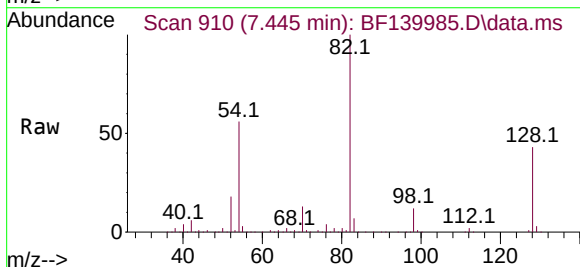
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.5	8.4	12.6
68	6.6	5.1	7.7

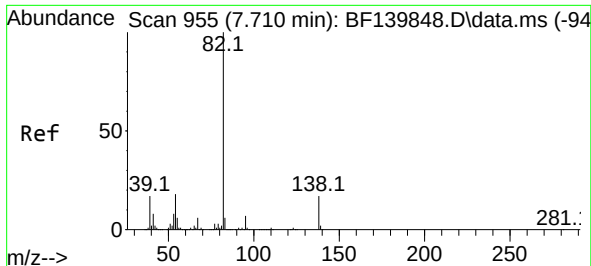


#23
Nitrobenzene-d5
Concen: 61.703 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

Tgt Ion: 82 Resp: 467101

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.4	50.0
54	56.1	47.8	71.8

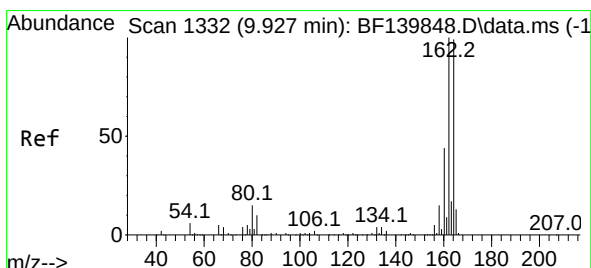
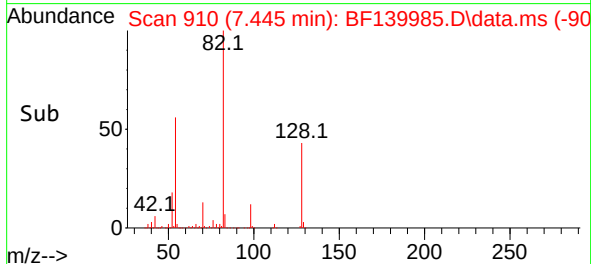
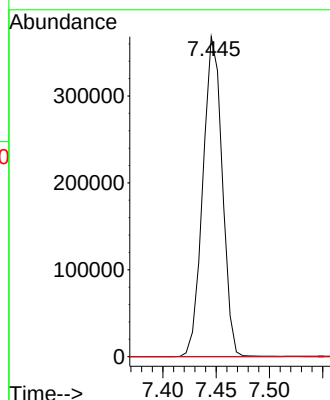
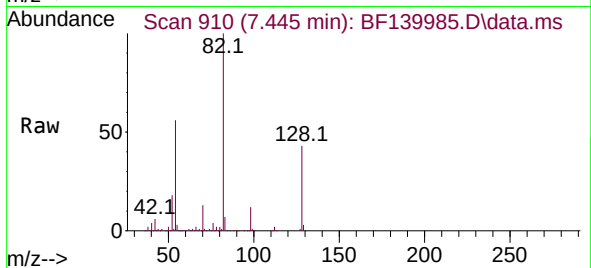




#25
Isophorone
Concen: 32.351 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

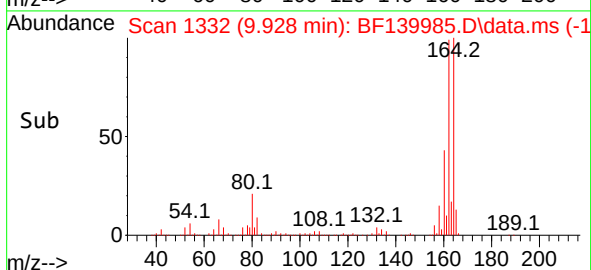
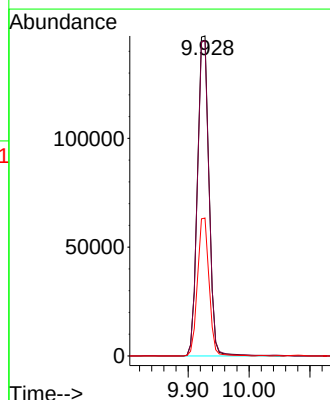
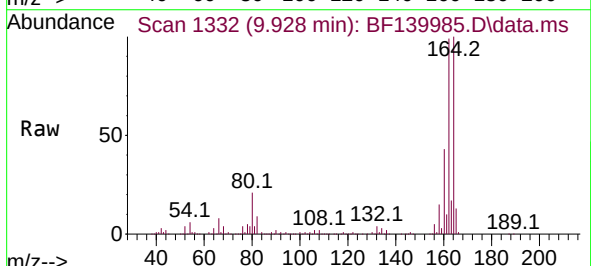
Instrument :
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ClientSampleId :
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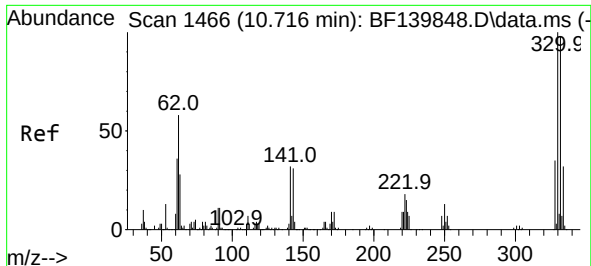
Tgt Ion: 82 Resp: 464827
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

Tgt Ion:164 Resp: 193817
Ion Ratio Lower Upper
164 100
162 98.5 81.0 121.4
160 43.1 35.4 53.0

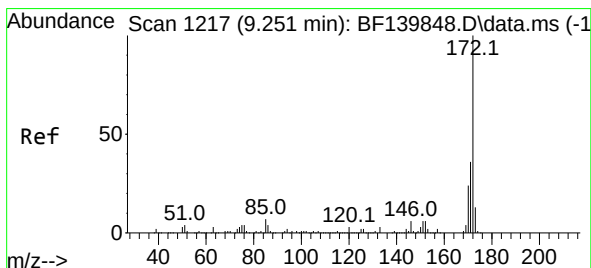
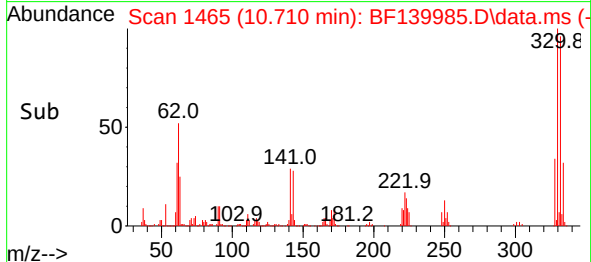
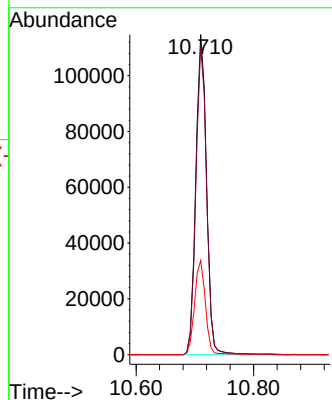
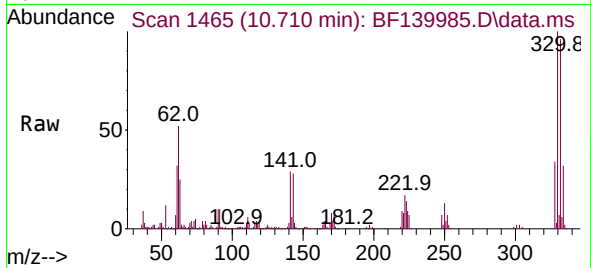




#42
2,4,6-Tribromophenol
Concen: 79.994 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

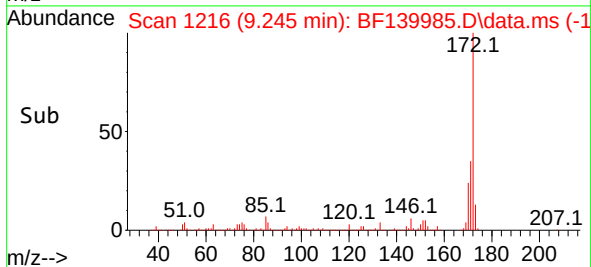
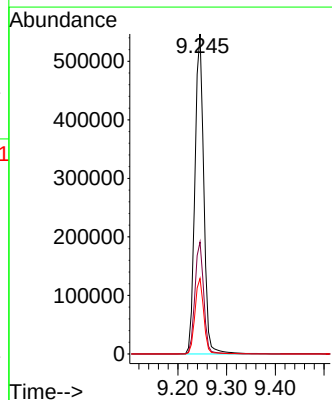
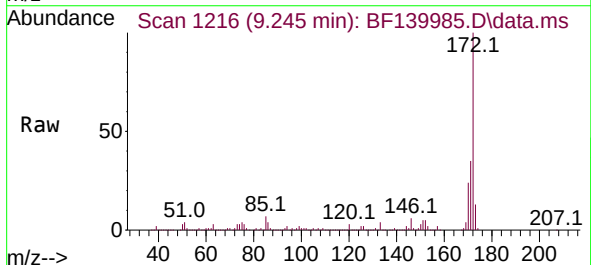
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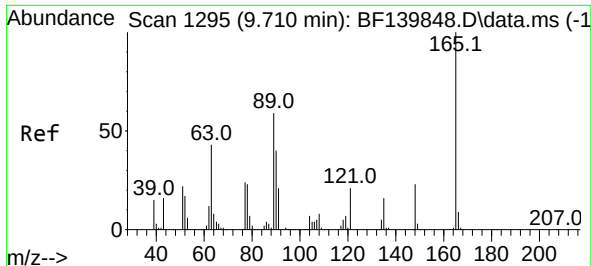
Tgt Ion:330 Resp: 145021
Ion Ratio Lower Upper
330 100
332 96.2 78.1 117.1
141 29.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 59.564 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

Tgt Ion:172 Resp: 698531
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.6 19.1 28.7

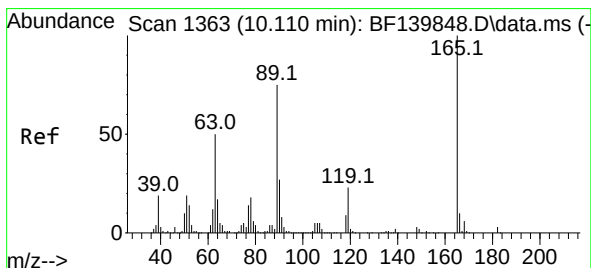
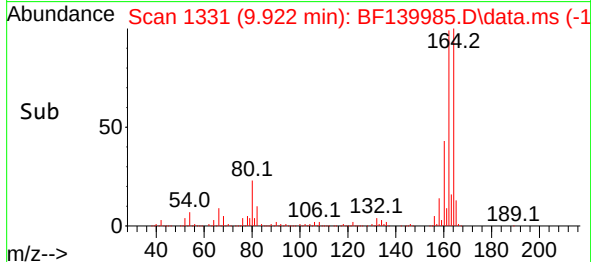
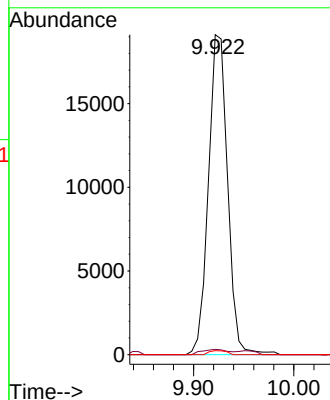
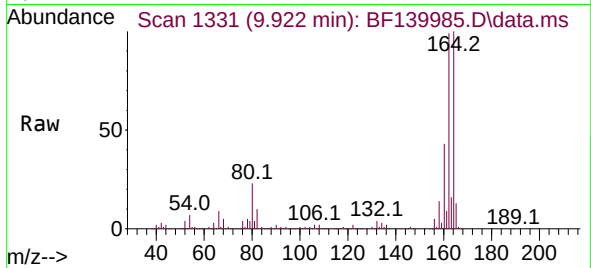




#51
2,6-Dinitrotoluene
Concen: 9.738 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

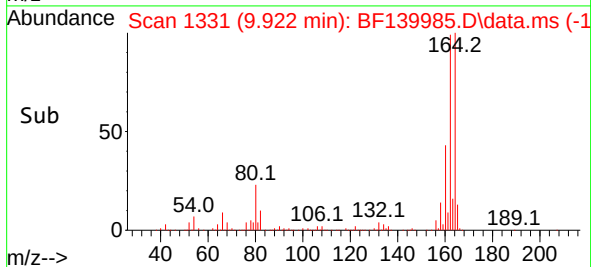
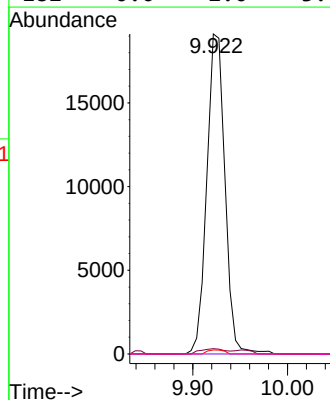
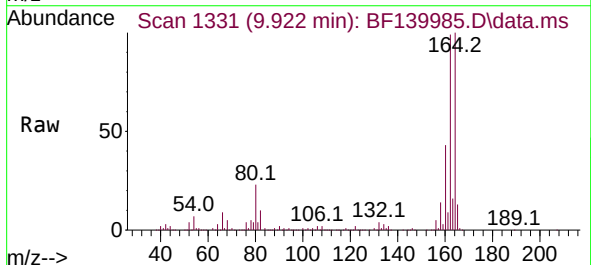
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ClientSampleId :
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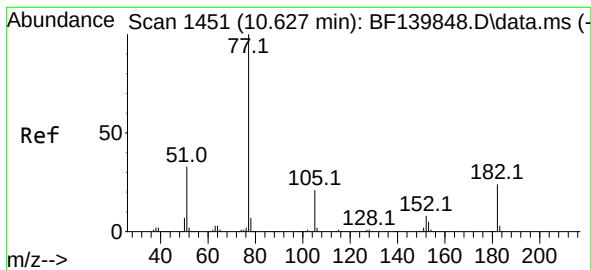
Tgt Ion:165 Resp: 25454
Ion Ratio Lower Upper
165 100
63 1.7 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.919 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

Tgt Ion:165 Resp: 25454
Ion Ratio Lower Upper
165 100
63 1.7 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 6.701 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139985.D

Acq: 24 Oct 2024 01:08

Instrument :

BNA_F

ClientSampleId :

TS-1

Tgt Ion: 77 Resp: 84207

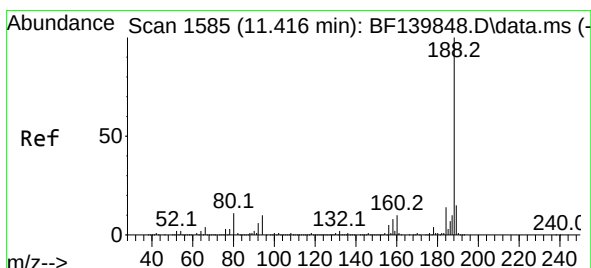
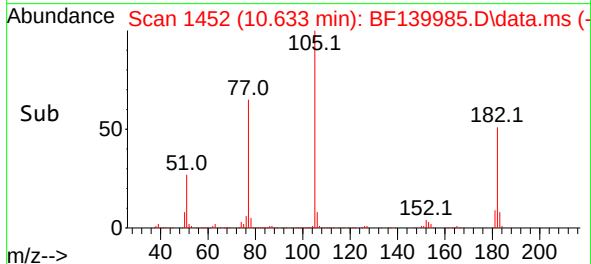
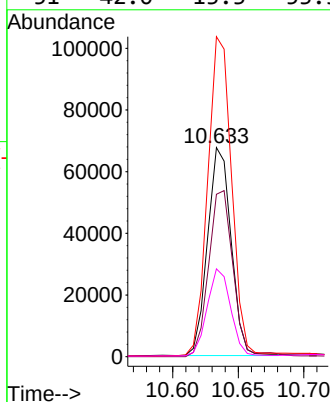
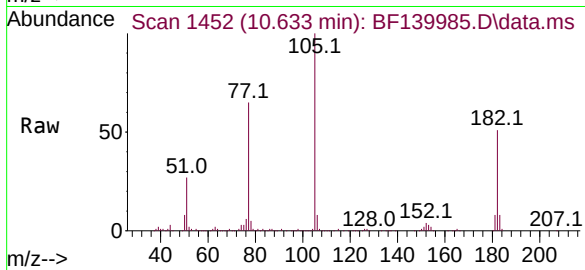
Ion Ratio Lower Upper

77 100

182 77.6 3.3 43.3#

105 153.0 1.2 41.2#

51 42.0 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139985.D

Acq: 24 Oct 2024 01:08

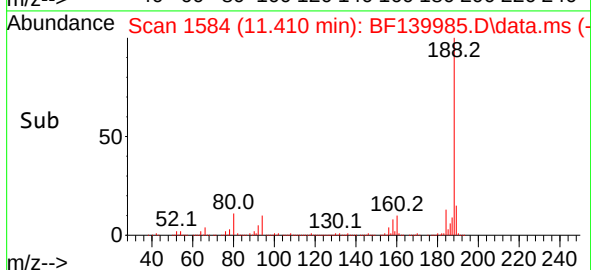
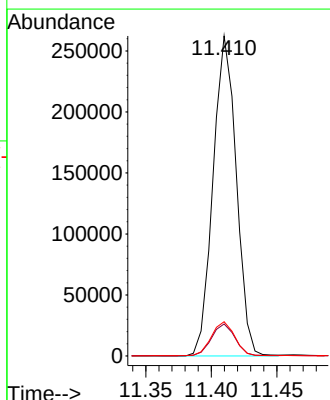
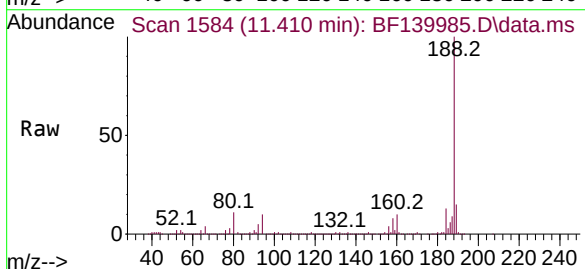
Tgt Ion: 188 Resp: 323002

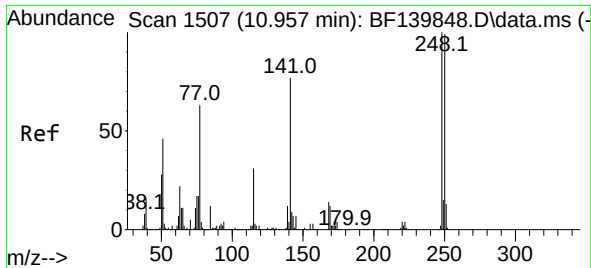
Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 10.7 9.0 13.4

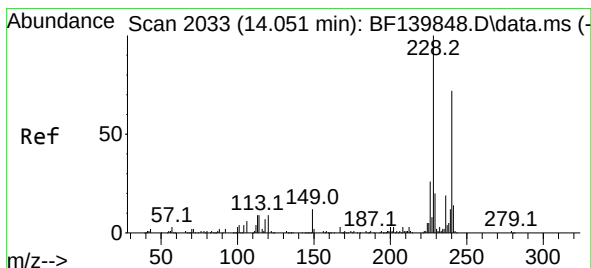
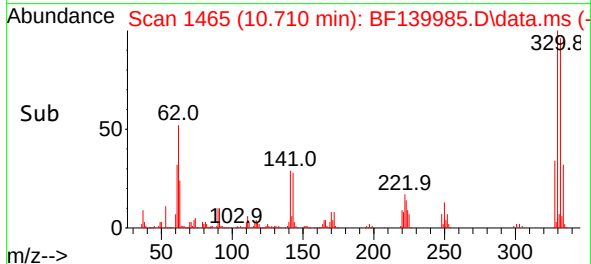
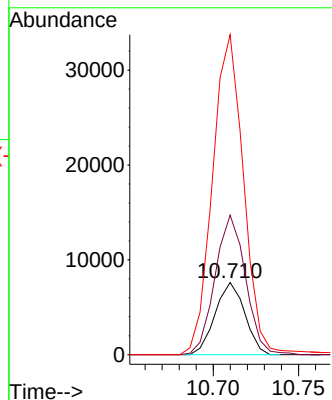
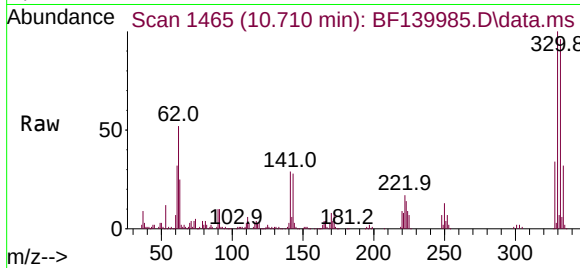




#67
4-Bromophenyl-phenylether
Concen: 2.764 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

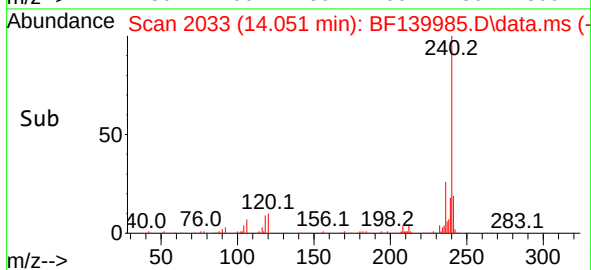
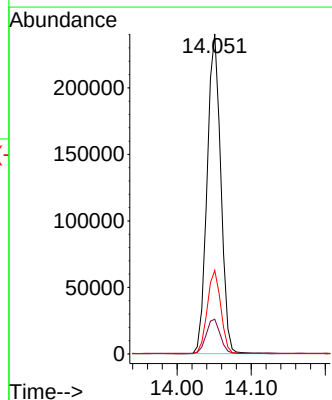
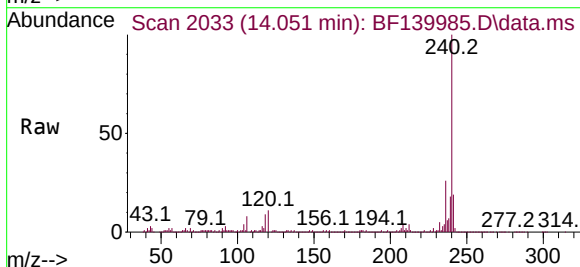
Instrument :
BNA_F
ClientSampleId :
TS-1

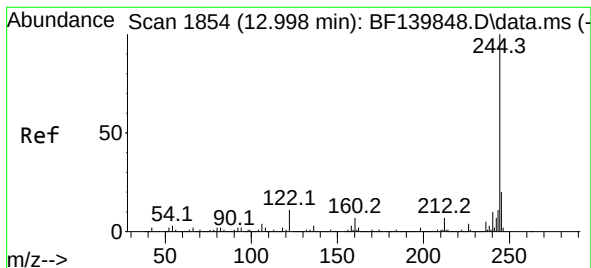
Tgt Ion:248 Resp: 9196
Ion Ratio Lower Upper
248 100
250 193.3 79.0 118.6#
141 443.2 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139985.D
Acq: 24 Oct 2024 01:08

Tgt Ion:240 Resp: 307625
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 35.214 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139985.D

Acq: 24 Oct 2024 01:08

Instrument :

BNA_F

ClientSampleId :

TS-1

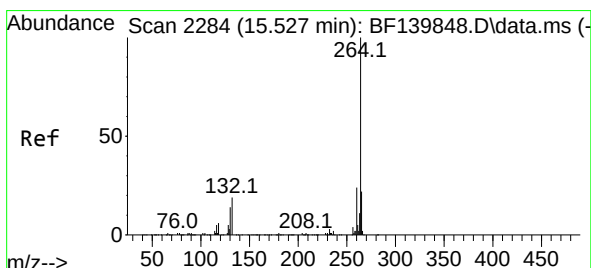
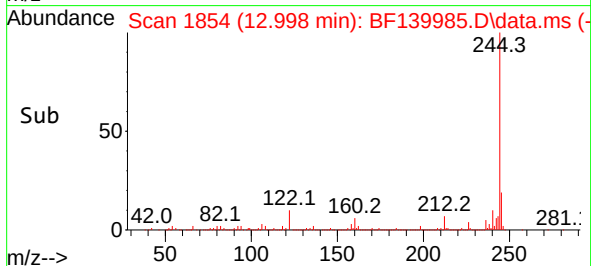
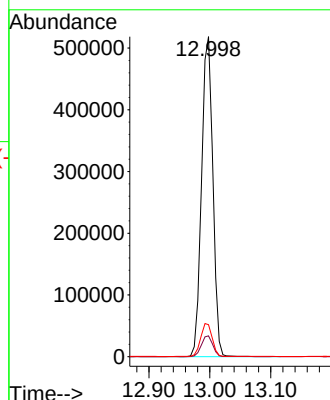
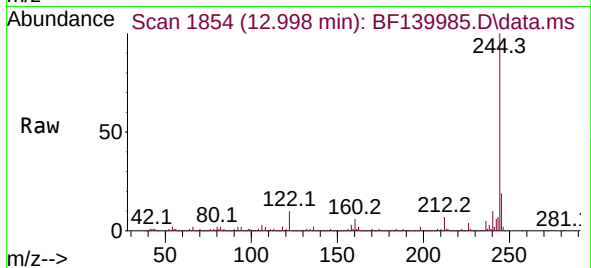
Tgt Ion:244 Resp: 664804

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

122 10.0 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF139985.D

Acq: 24 Oct 2024 01:08

Tgt Ion:264 Resp: 232454

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.9 17.4 26.0

