

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139984.D
 Acq On : 24 Oct 2024 00:40
 Operator : RC/JU
 Sample : P4474-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-2

Quant Time: Oct 24 01:14:29 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

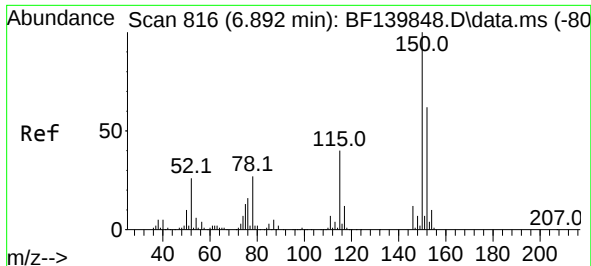
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	131007	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	463948	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	218643	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	348917	20.000	ng	0.00
76) Chrysene-d12	14.051	240	324231	20.000	ng	0.00
86) Perylene-d12	15.527	264	250440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	710401	84.890	ng	0.00
7) Phenol-d6	6.504	99	852632	78.667	ng	0.00
23) Nitrobenzene-d5	7.445	82	547692	65.428	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	168924	82.599	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	832439	62.923	ng	0.00
79) Terphenyl-d14	12.998	244	756703	38.029	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	72315	11.001	ng	# 76
25) Isophorone	7.445	82	545286	34.321	ng	# 67
51) 2,6-Dinitrotoluene	9.928	165	27940	9.475	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	27940	7.705	ng	# 21
63) Azobenzene	10.633	77	36988	2.609	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	11115	3.092	ng	# 1

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

Quant Time: Oct 24 01:14:29 2024
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Response via : Initial Calibration

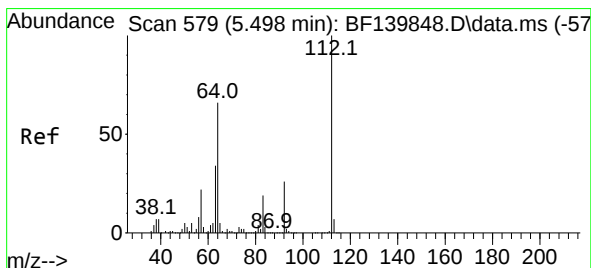
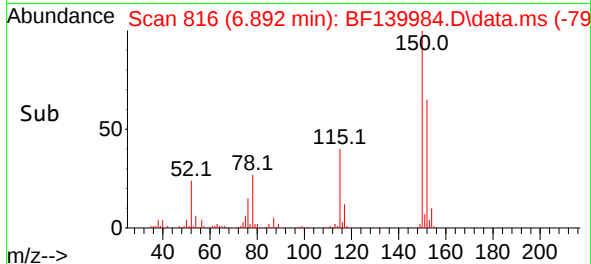
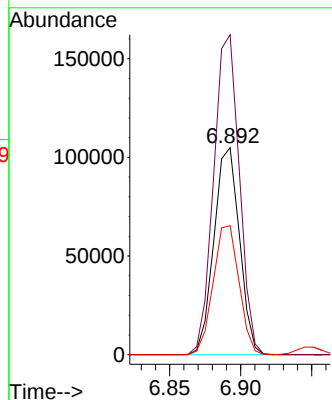
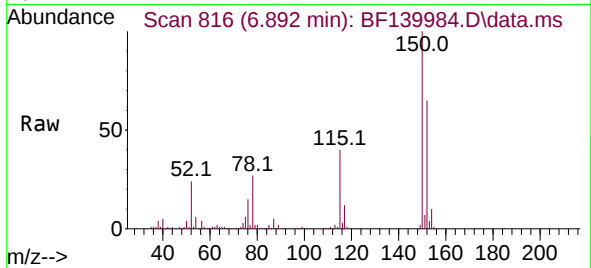




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139984.D
Acq: 24 Oct 2024 00:40

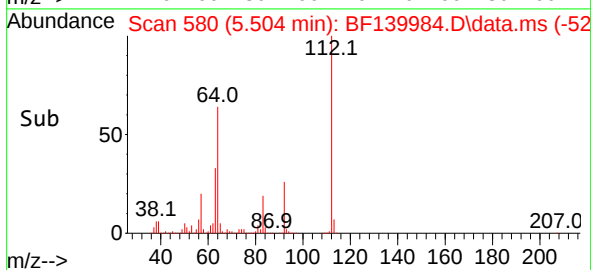
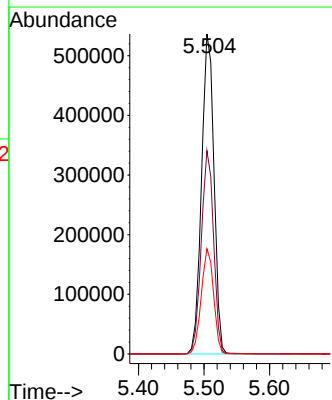
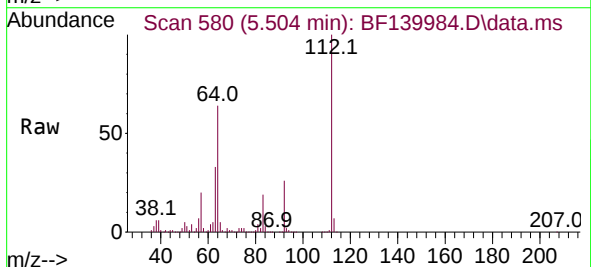
Instrument :
BNA_F
ClientSampleId :
TS-2

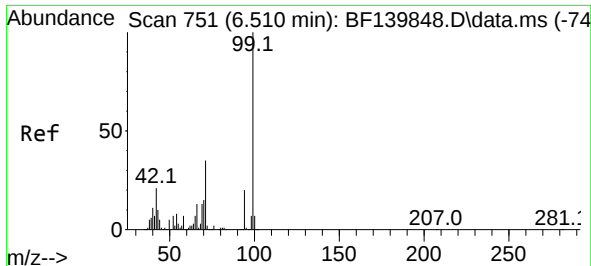
Tgt Ion:152 Resp: 131007
Ion Ratio Lower Upper
152 100
150 154.6 130.2 195.2
115 62.3 51.4 77.2



#5
2-Fluorophenol
Concen: 84.890 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139984.D
Acq: 24 Oct 2024 00:40

Tgt Ion:112 Resp: 710401
Ion Ratio Lower Upper
112 100
64 63.5 53.0 79.6
63 32.9 27.0 40.4

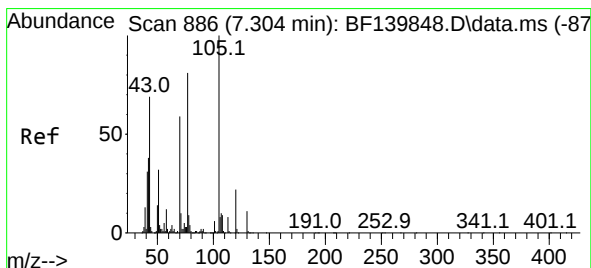
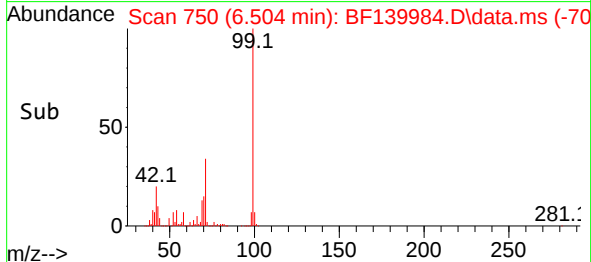
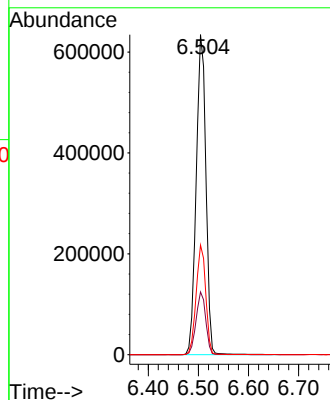
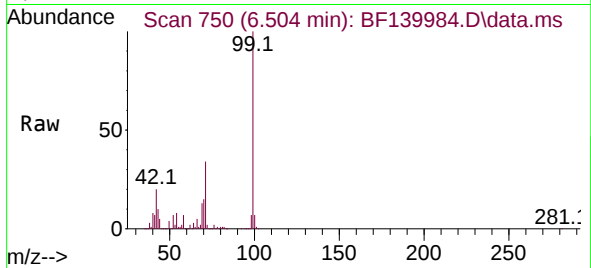




#7
Phenol-d6
Concen: 78.667 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139984.D
Acq: 24 Oct 2024 00:40

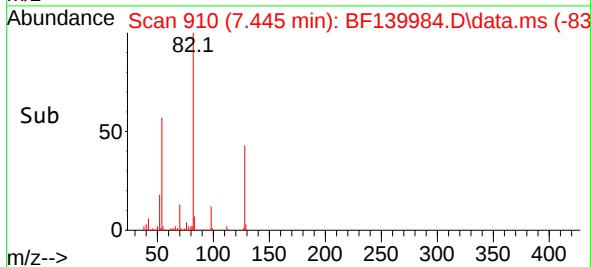
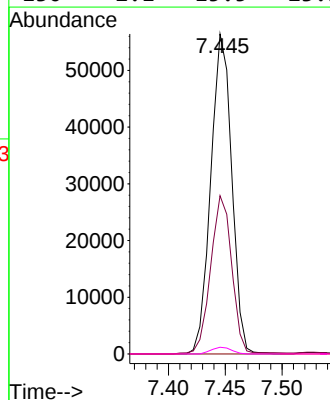
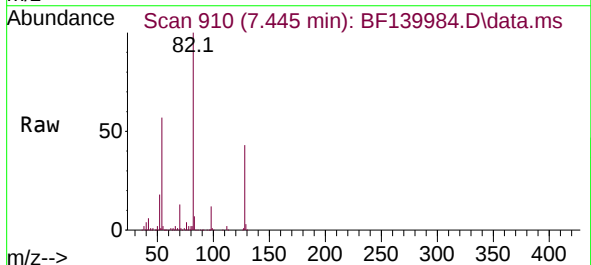
Instrument :
BNA_F
ClientSampleId :
TS-2

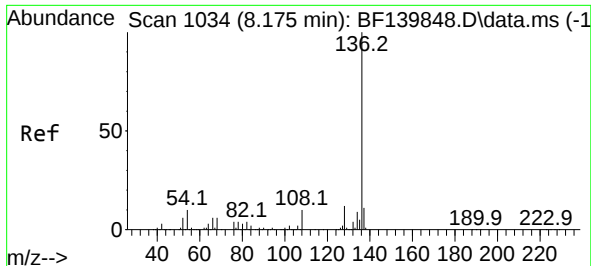
Tgt Ion: 99 Resp: 852632
Ion Ratio Lower Upper
99 100
42 19.6 16.7 25.1
71 34.2 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.001 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139984.D
Acq: 24 Oct 2024 00:40

Tgt Ion: 70 Resp: 72315
Ion Ratio Lower Upper
70 100
42 49.5 51.5 77.3#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



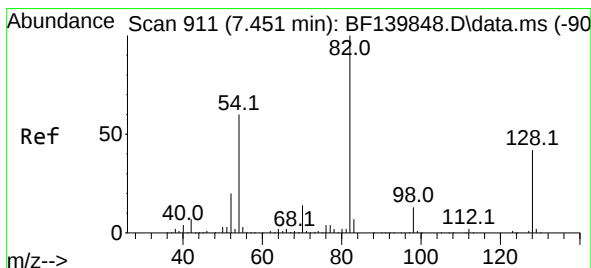
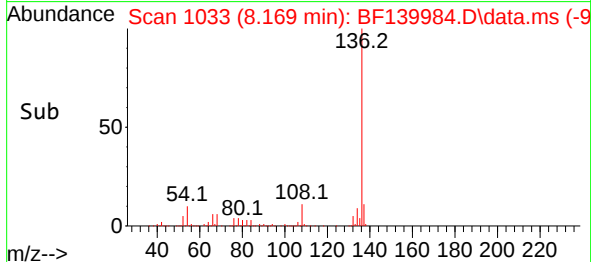
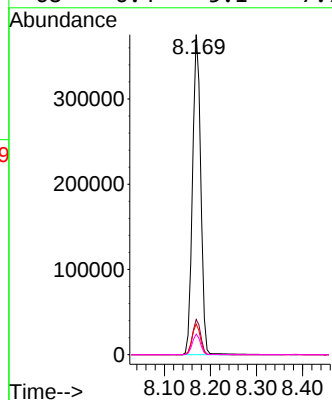
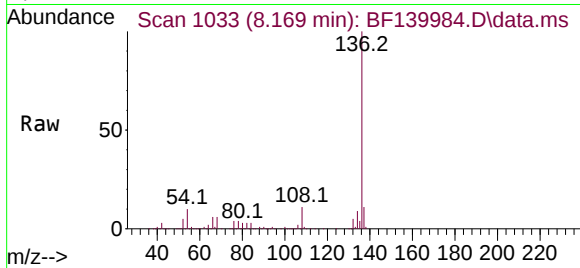


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139984.D
Acq: 24 Oct 2024 00:40

Instrument :
BNA_F
ClientSampleId :
TS-2

Tgt Ion:136 Resp: 463948

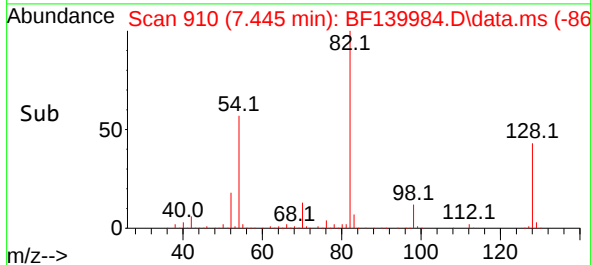
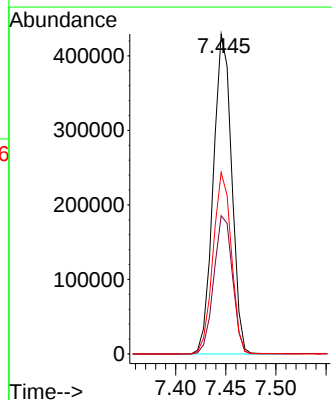
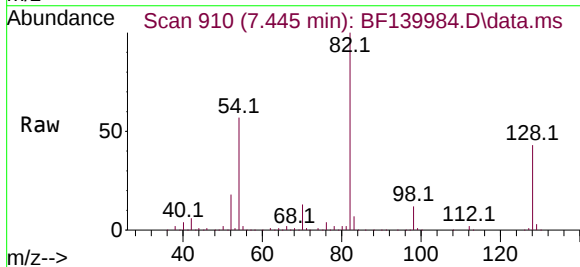
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.6	8.4	12.6
68	6.4	5.1	7.7

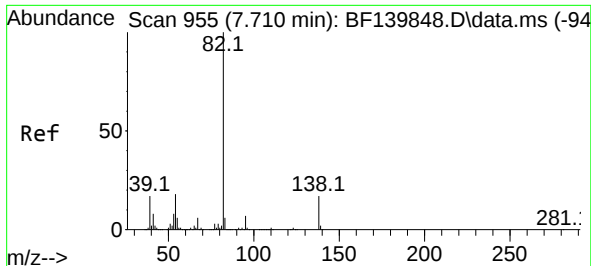


#23
Nitrobenzene-d5
Concen: 65.428 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139984.D
Acq: 24 Oct 2024 00:40

Tgt Ion: 82 Resp: 547692

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.4	50.0
54	56.7	47.8	71.8

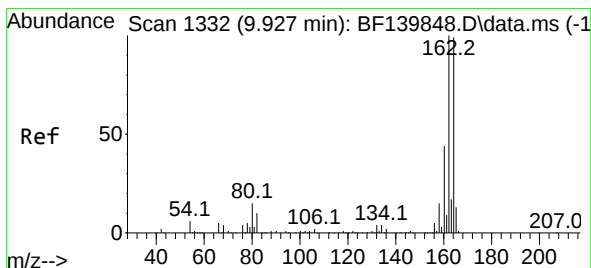
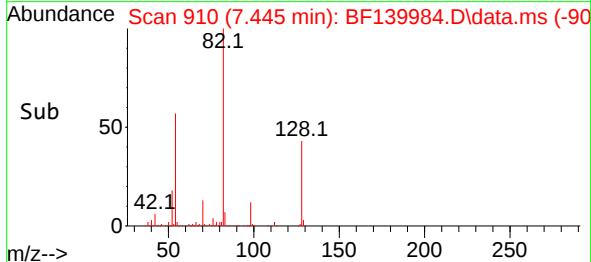
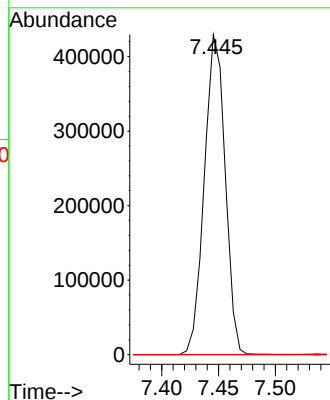
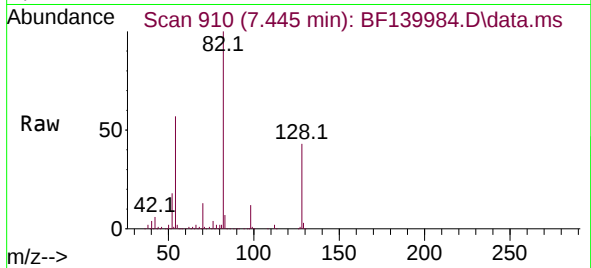




#25
Isophorone
Concen: 34.321 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139984.D
Acq: 24 Oct 2024 00:40

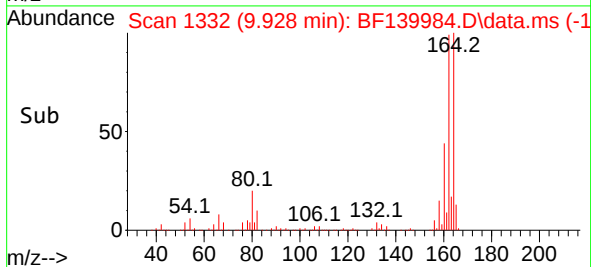
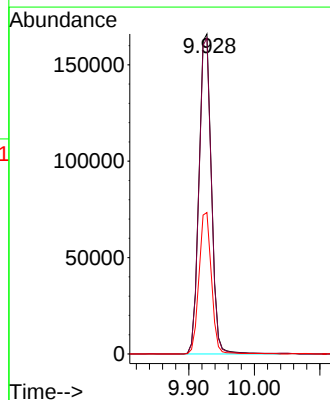
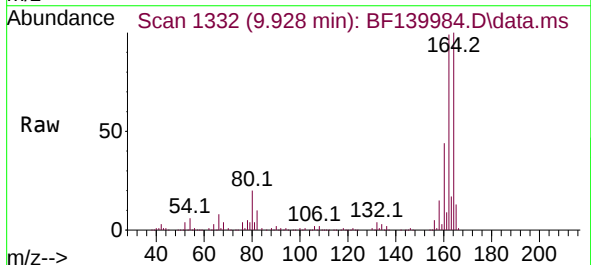
Instrument :
BNA_F
ClientSampleId :
TS-2

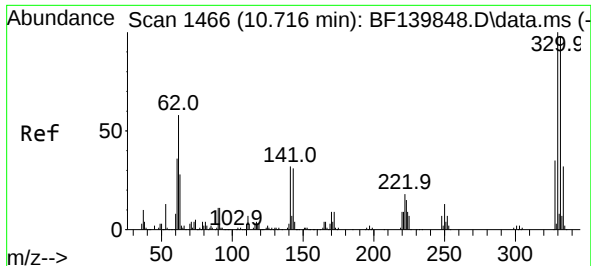
Tgt Ion: 82 Resp: 545286
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139984.D
Acq: 24 Oct 2024 00:40

Tgt Ion: 164 Resp: 218643
Ion Ratio Lower Upper
164 100
162 98.7 81.0 121.4
160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 82.599 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139984.D

Acq: 24 Oct 2024 00:40

Instrument :

BNA_F

ClientSampleId :

TS-2

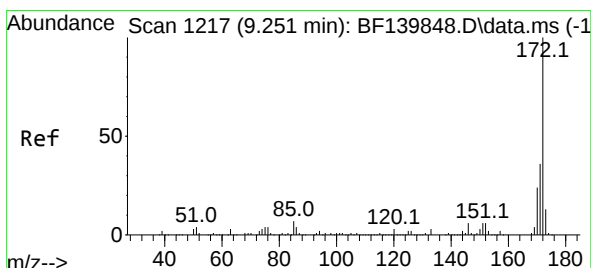
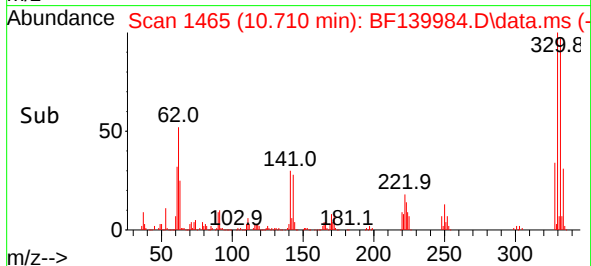
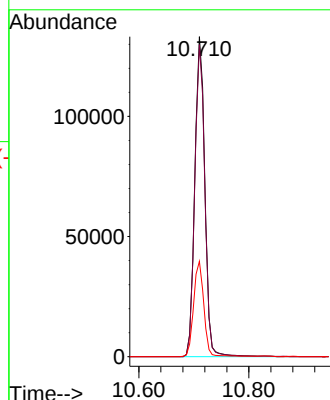
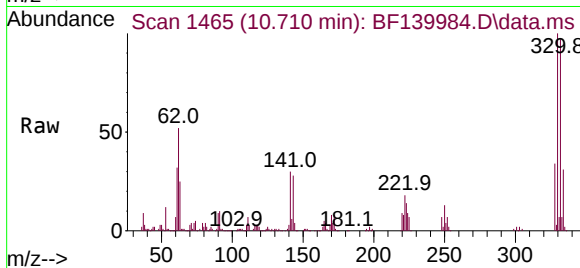
Tgt Ion:330 Resp: 168924

Ion Ratio Lower Upper

330 100

332 97.4 78.1 117.1

141 30.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 62.923 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139984.D

Acq: 24 Oct 2024 00:40

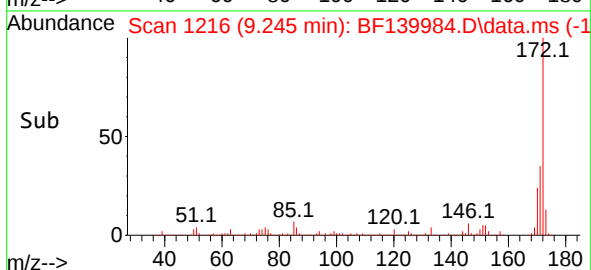
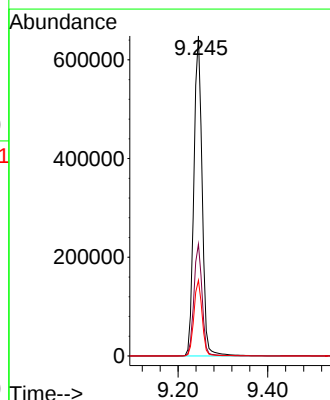
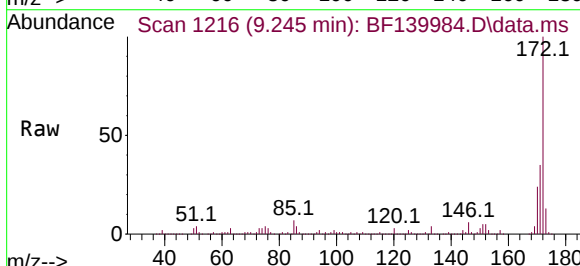
Tgt Ion:172 Resp: 832439

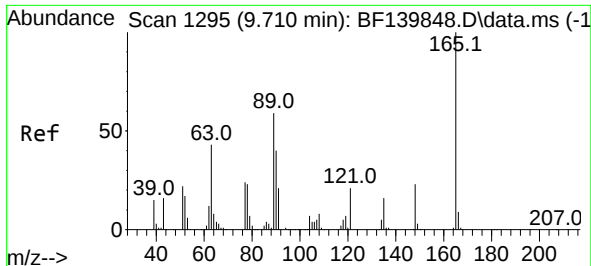
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.6 19.1 28.7

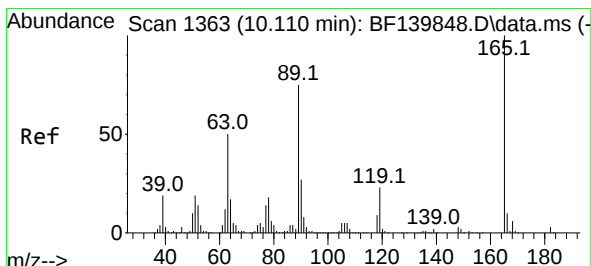
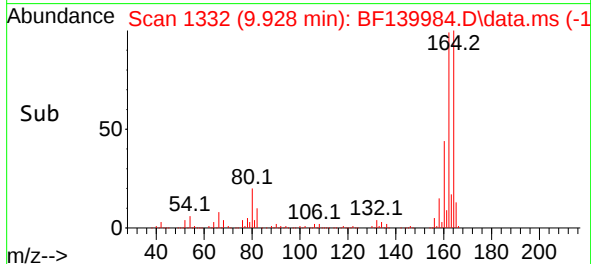
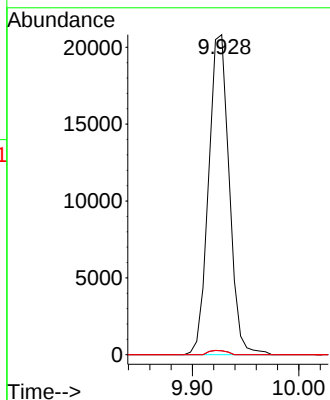
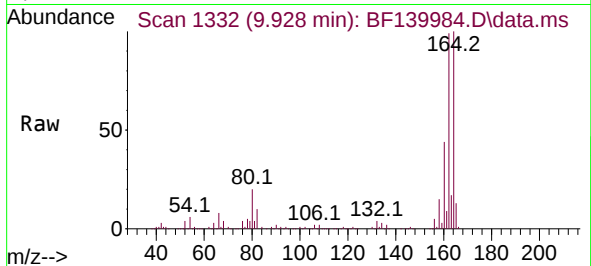




#51
2,6-Dinitrotoluene
Concen: 9.475 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF139984.D
Acq: 24 Oct 2024 00:40

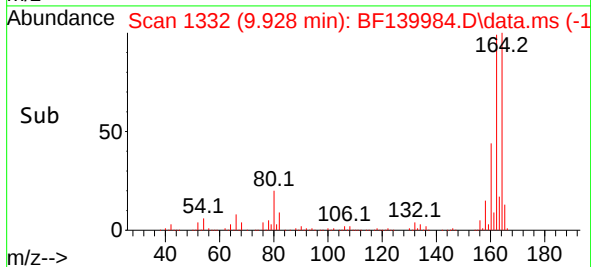
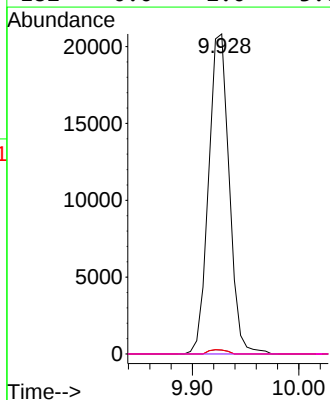
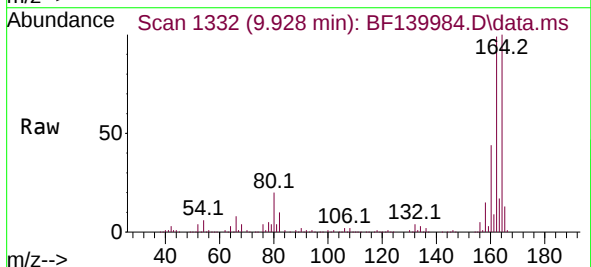
Instrument :
BNA_F
ClientSampleId :
TS-2

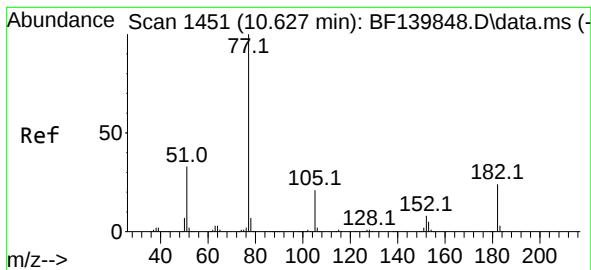
Tgt Ion:165 Resp: 27940
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.705 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF139984.D
Acq: 24 Oct 2024 00:40

Tgt Ion:165 Resp: 27940
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.609 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139984.D

Acq: 24 Oct 2024 00:40

Instrument :

BNA_F

ClientSampleId :

TS-2

Tgt Ion: 77 Resp: 36988

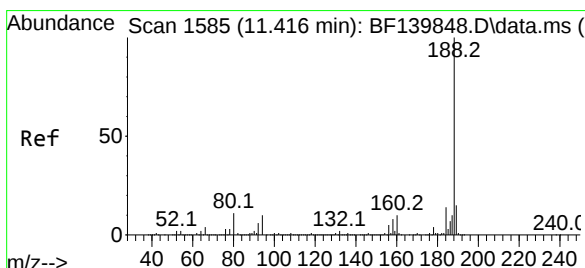
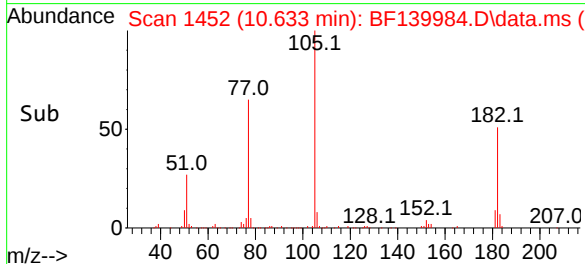
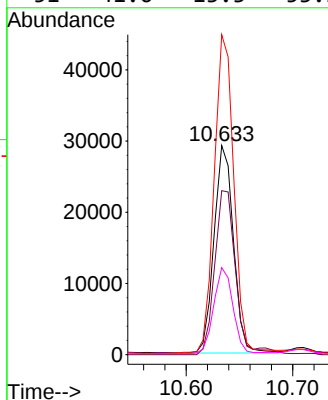
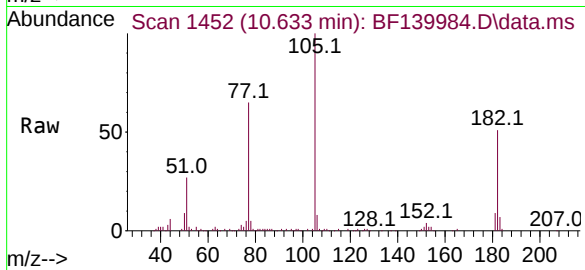
Ion Ratio Lower Upper

77 100

182 78.4 3.3 43.3#

105 153.0 1.2 41.2#

51 41.6 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: BF139984.D

Acq: 24 Oct 2024 00:40

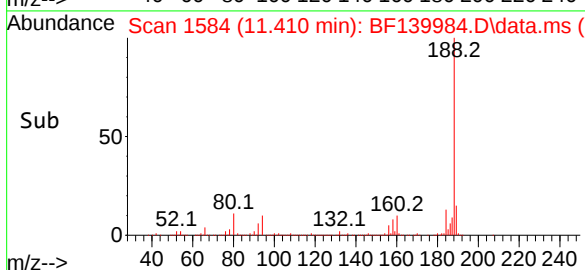
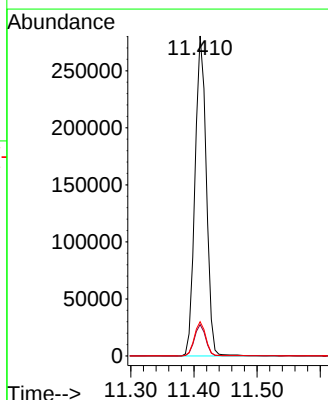
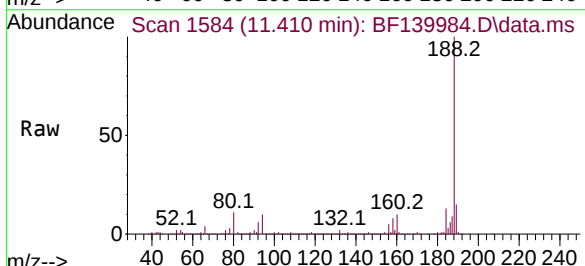
Tgt Ion: 188 Resp: 348917

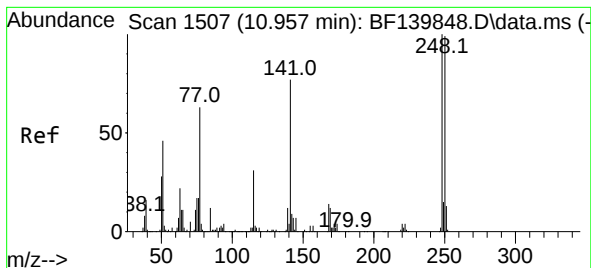
Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.7 9.0 13.4

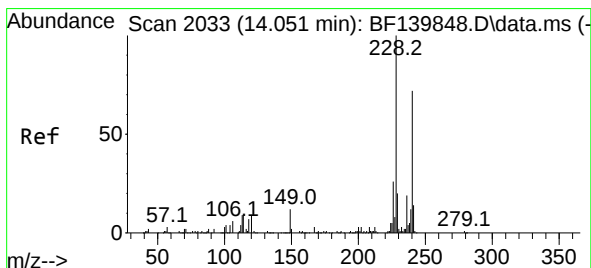
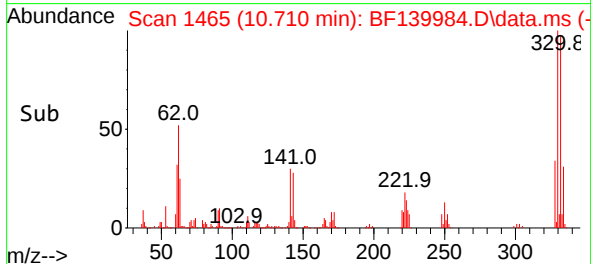
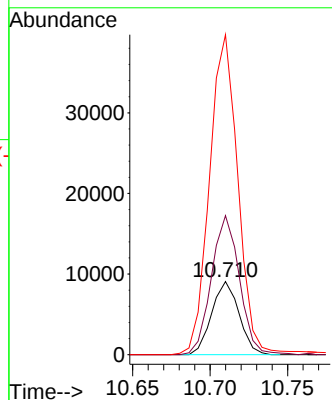
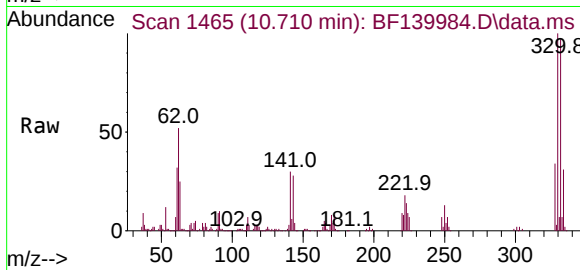




#67
4-Bromophenyl-phenylether
Concen: 3.092 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139984.D
Acq: 24 Oct 2024 00:40

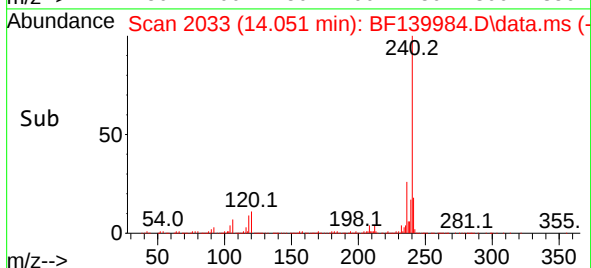
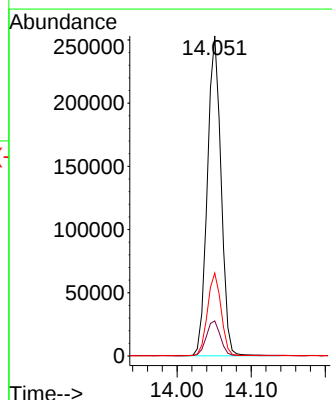
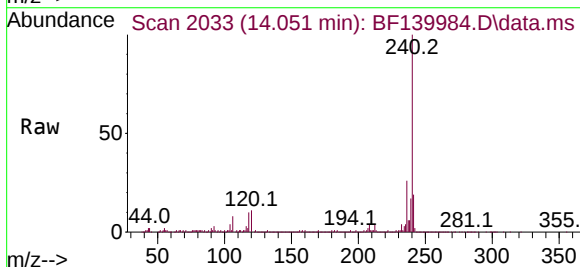
Instrument :
BNA_F
ClientSampleId :
TS-2

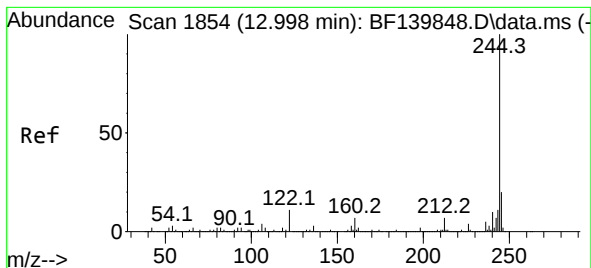
Tgt Ion:248 Resp: 11115
Ion Ratio Lower Upper
248 100
250 190.3 79.0 118.6#
141 438.0 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139984.D
Acq: 24 Oct 2024 00:40

Tgt Ion:240 Resp: 324231
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 38.029 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139984.D

Acq: 24 Oct 2024 00:40

Instrument :

BNA_F

ClientSampleId :

TS-2

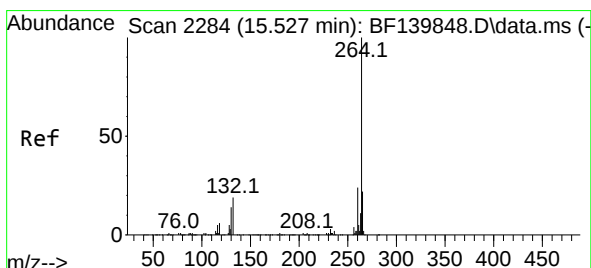
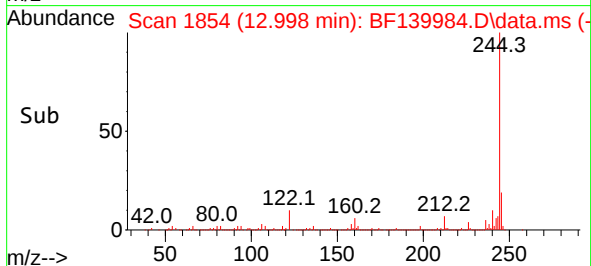
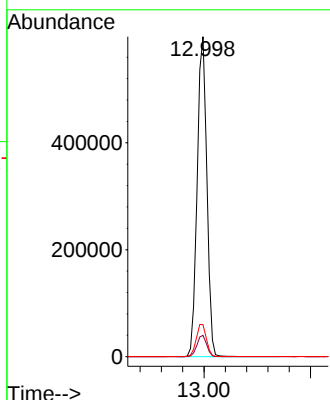
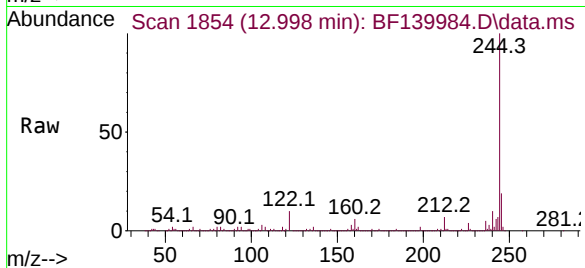
Tgt Ion:244 Resp: 756703

Ion Ratio Lower Upper

244 100

212 6.7 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: BF139984.D

Acq: 24 Oct 2024 00:40

Tgt Ion:264 Resp: 250440

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.6 17.4 26.0

