

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139610.D
 Acq On : 02 Oct 2024 16:53
 Operator : RC/JU
 Sample : P4225-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-092724

Quant Time: Oct 02 17:26:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

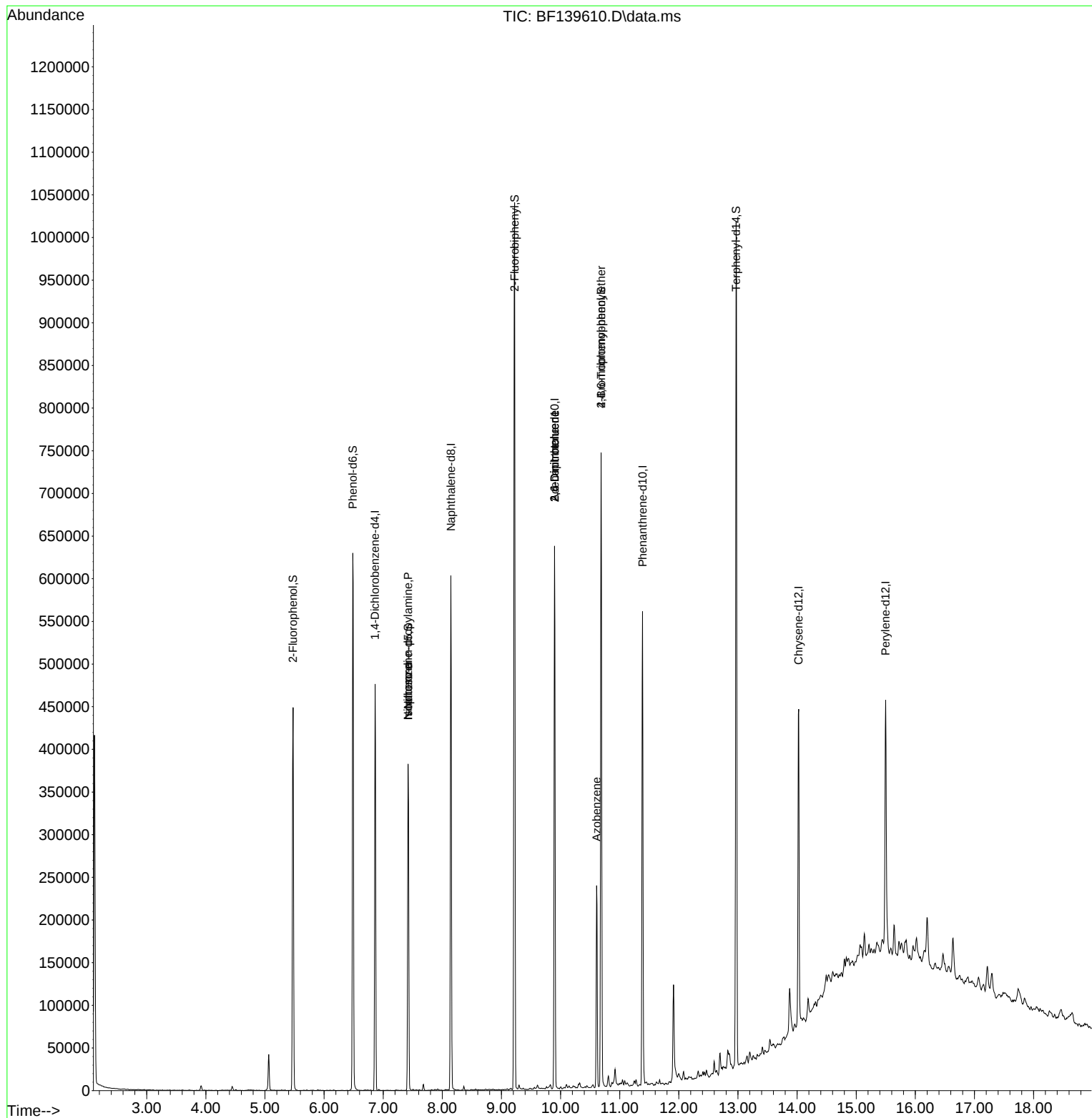
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	93708	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	348778	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	181052	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	282837	20.000	ng	0.00
76) Chrysene-d12	14.027	240	175197	20.000	ng	0.00
86) Perylene-d12	15.498	264	167932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	148241	27.419	ng	-0.01
7) Phenol-d6	6.487	99	264636	36.398	ng	-0.02
23) Nitrobenzene-d5	7.422	82	155765	22.612	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	108642	62.161	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	448496	38.029	ng	0.00
79) Terphenyl-d14	12.968	244	472689	44.270	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	21668	4.636	ng	# 75
25) Isophorone	7.422	82	155434	12.704	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	23583	8.809	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	23583	6.739	ng	# 17
63) Azobenzene	10.610	77	60584	4.921	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	7443	2.567	ng	# 1

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

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Quant Time: Oct 02 17:26:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
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QLast Update : Wed Oct 02 04:58:47 2024
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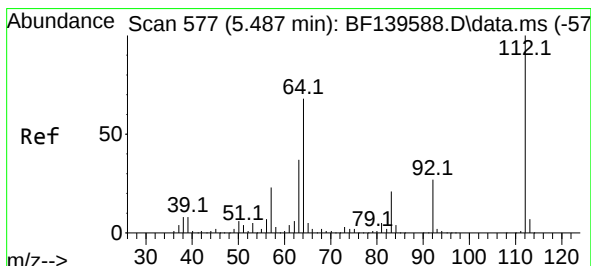
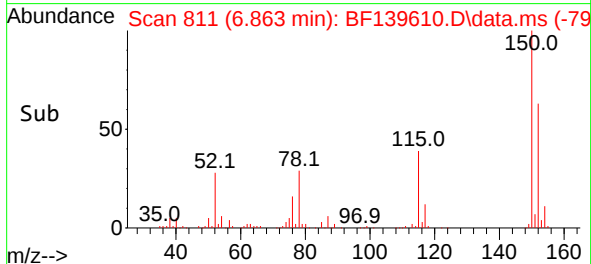
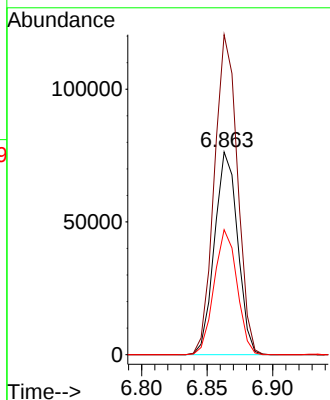
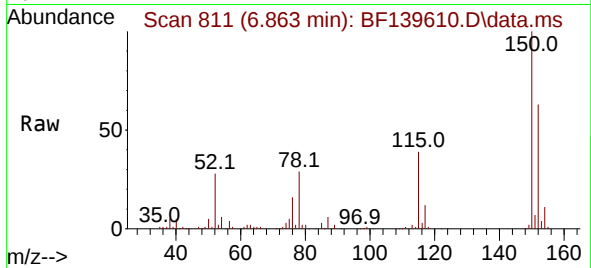




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

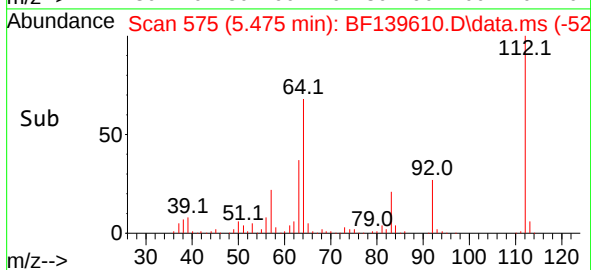
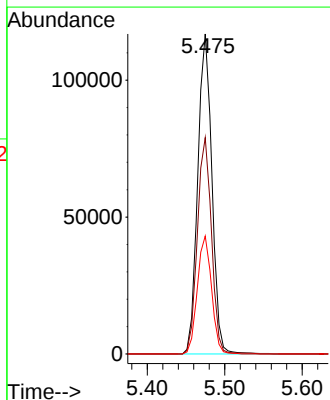
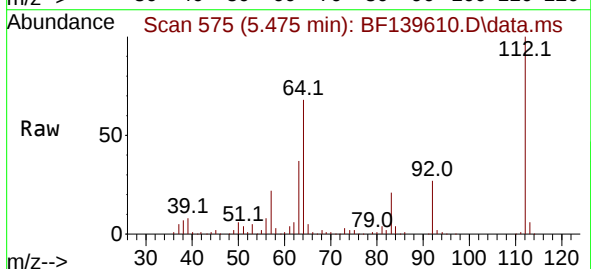
Instrument :
BNA_F
ClientSampleId :
TR-04-092724

Tgt Ion:152 Resp: 93708
Ion Ratio Lower Upper
152 100
150 157.9 127.2 190.8
115 61.7 49.0 73.4



#5
2-Fluorophenol
Concen: 27.419 ng
RT: 5.475 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

Tgt Ion:112 Resp: 148241
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.4
63 36.8 29.4 44.2

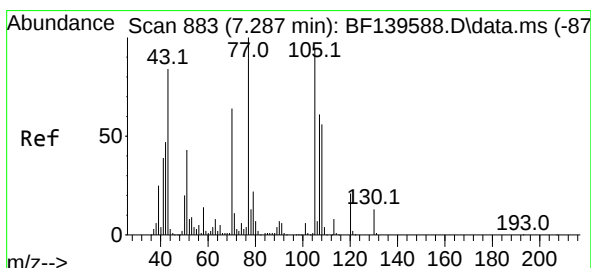
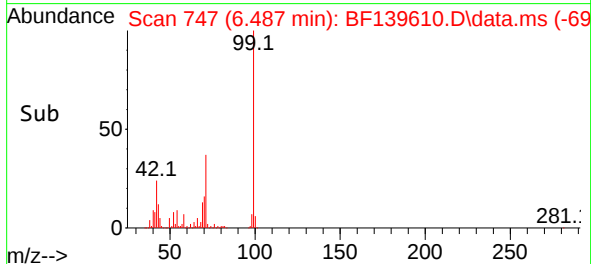
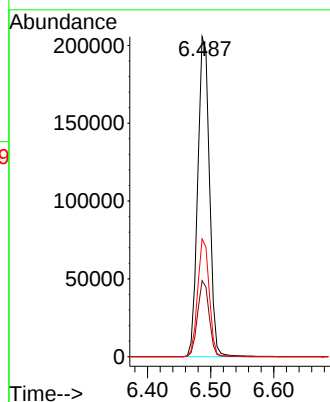
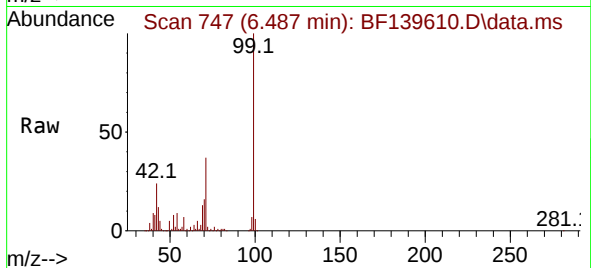




#7
Phenol-d6
Concen: 36.398 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

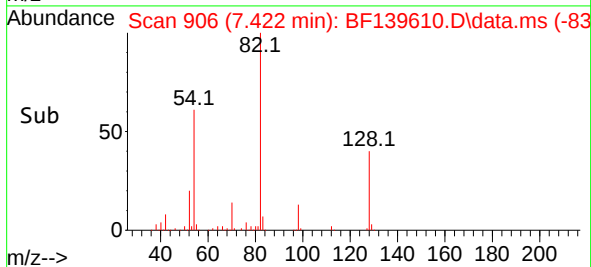
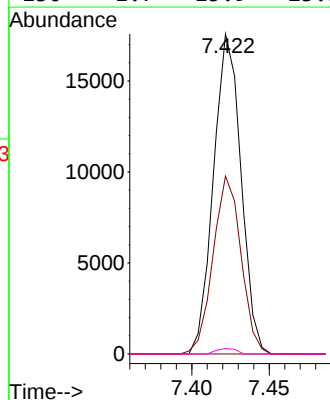
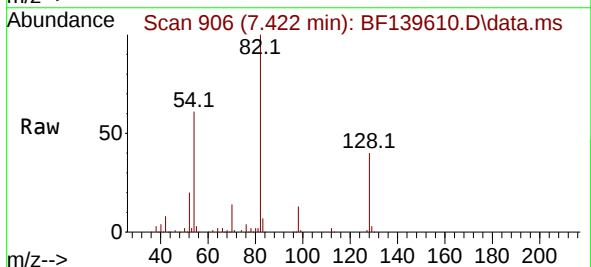
Instrument :
BNA_F
ClientSampleId :
TR-04-092724

Tgt Ion: 99 Resp: 264636
Ion Ratio Lower Upper
99 100
42 23.8 19.1 28.7
71 36.8 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 4.636 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

Tgt Ion: 70 Resp: 21668
Ion Ratio Lower Upper
70 100
42 55.6 58.0 87.0#
101 0.0 7.8 11.8#
130 1.7 15.9 23.9#

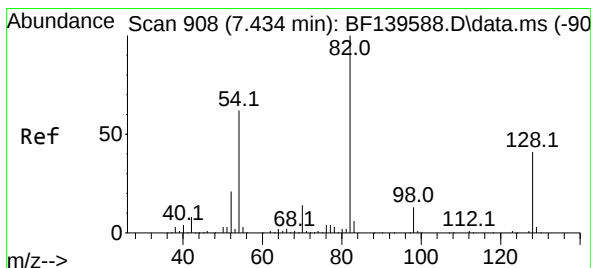
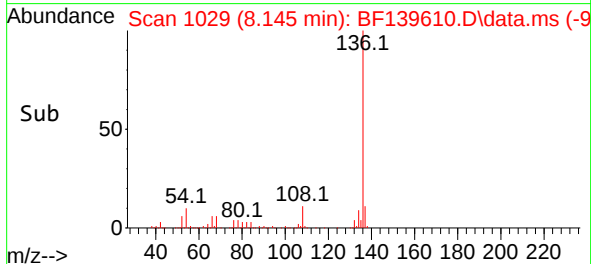
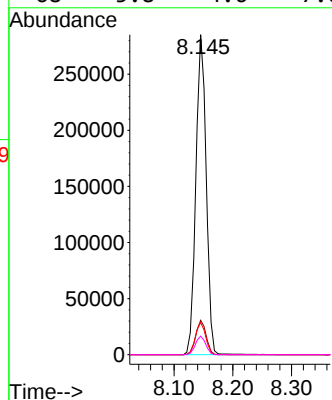
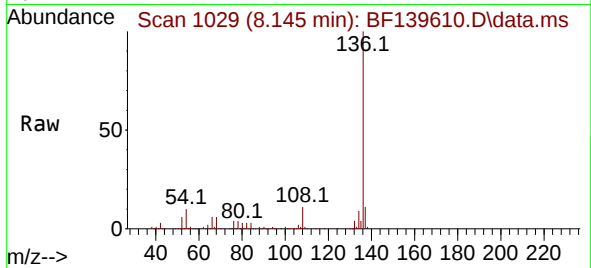




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

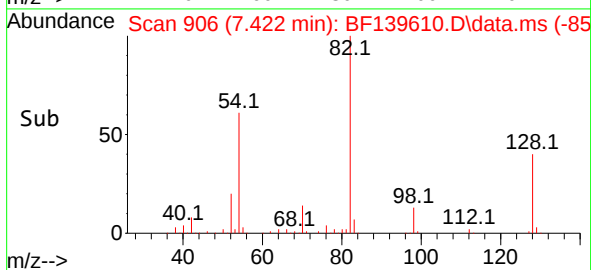
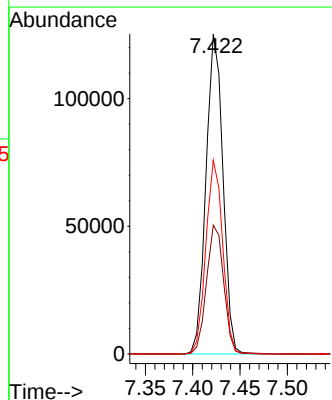
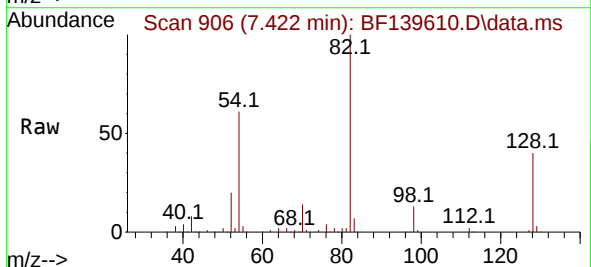
Instrument :
BNA_F
ClientSampleId :
TR-04-092724

Tgt Ion:136 Resp: 348778
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.0 8.3 12.5
68 5.8 4.6 7.0



#23
Nitrobenzene-d5
Concen: 22.612 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

Tgt Ion: 82 Resp: 155765
Ion Ratio Lower Upper
82 100
128 40.2 32.4 48.6
54 60.6 49.1 73.7

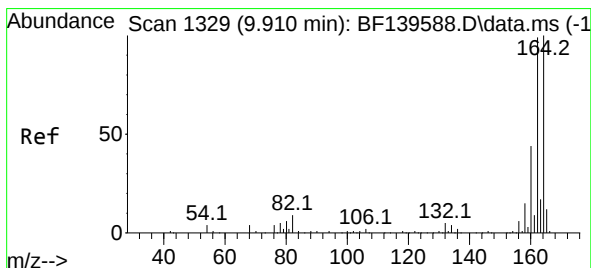
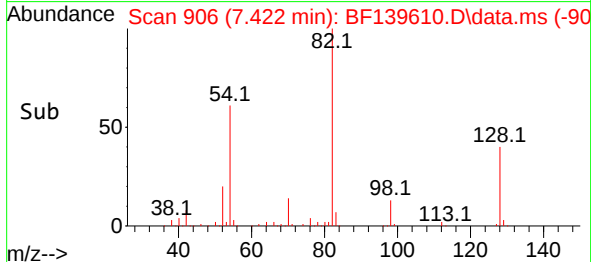
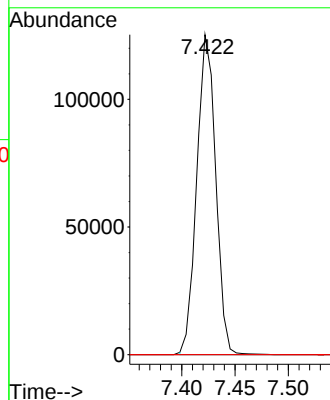
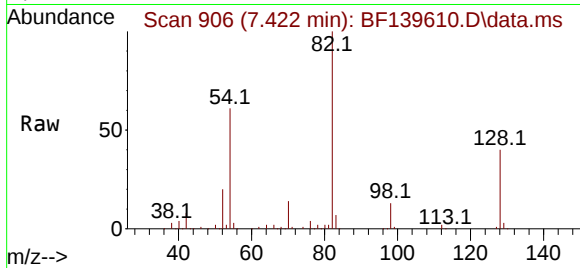




#25
Isophorone
Concen: 12.704 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

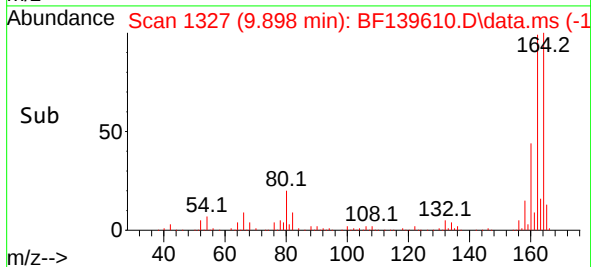
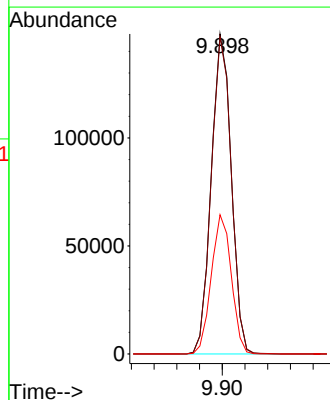
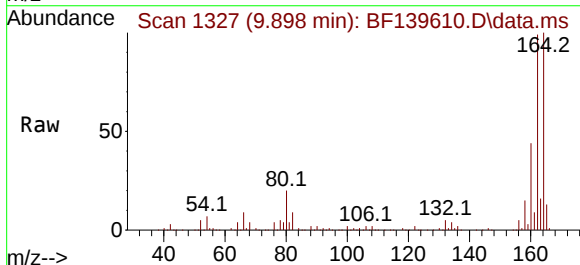
Instrument :
BNA_F
ClientSampleId :
TR-04-092724

Tgt Ion: 82 Resp: 155434
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

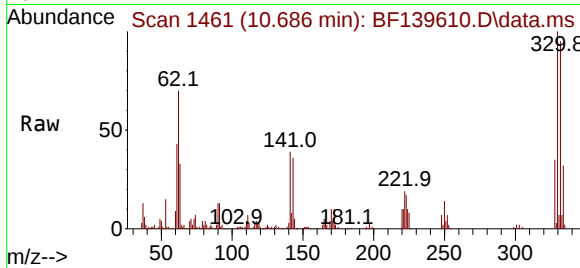
Tgt Ion:164 Resp: 181052
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.0
160 43.5 35.1 52.7



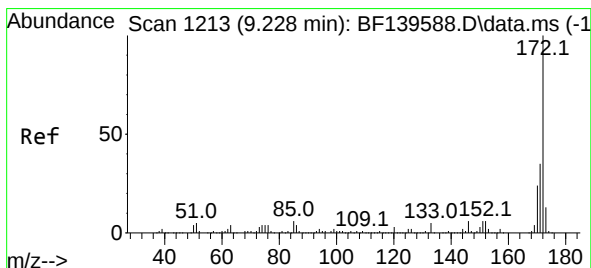
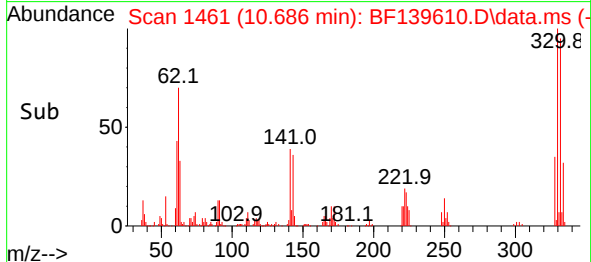
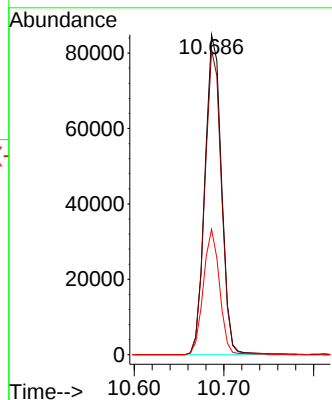


#42
2,4,6-Tribromophenol
Concen: 62.161 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

Instrument :
BNA_F
ClientSampleId :
TR-04-092724

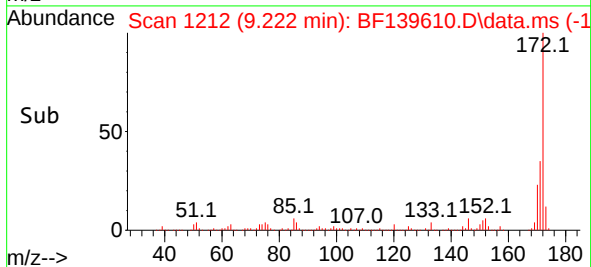
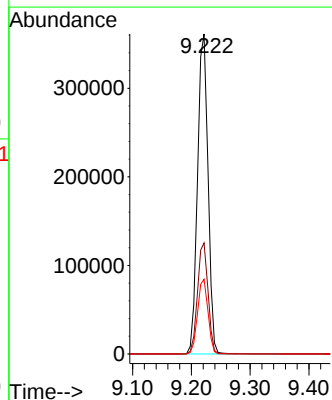
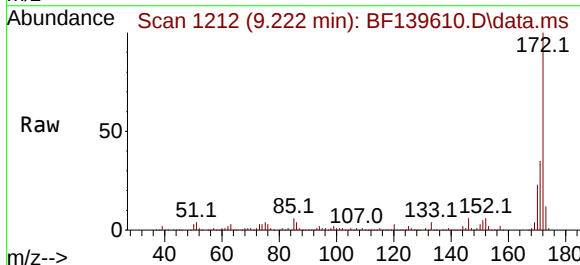


Tgt Ion: 330 Resp: 108642
Ion Ratio Lower Upper
330 100
332 95.6 76.5 114.7
141 38.4 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 38.029 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

Tgt Ion: 172 Resp: 448496
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.3 18.8 28.2

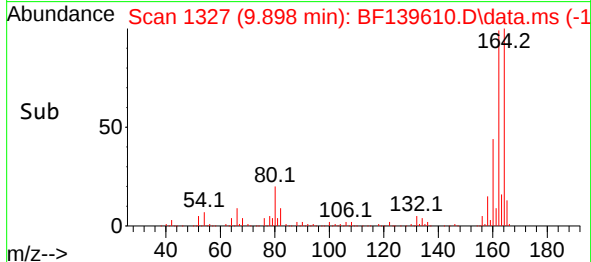
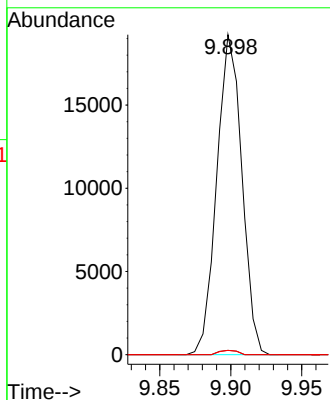
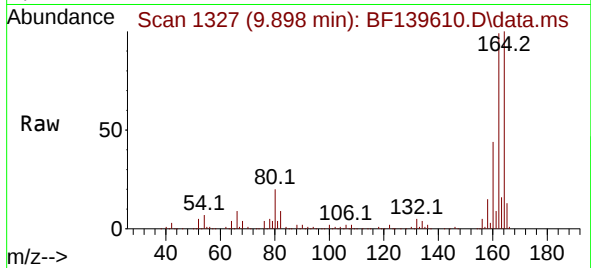




#51
2,6-Dinitrotoluene
Concen: 8.809 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

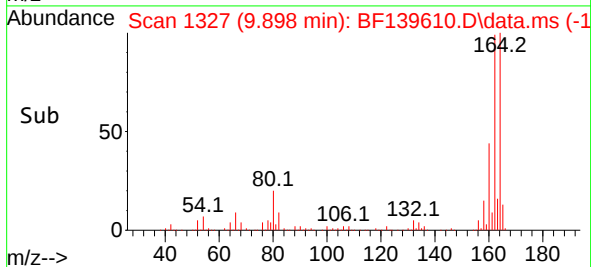
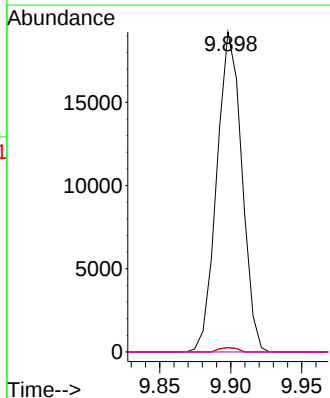
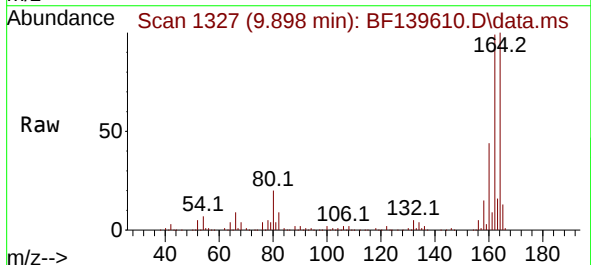
Instrument :
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ClientSampleId :
TR-04-092724

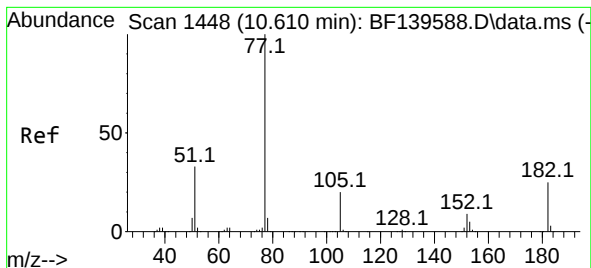
Tgt Ion:165 Resp: 23583
Ion Ratio Lower Upper
165 100
63 1.4 56.7 85.1#
89 1.3 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.739 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

Tgt Ion:165 Resp: 23583
Ion Ratio Lower Upper
165 100
63 1.4 46.9 70.3#
89 1.3 64.4 96.6#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 4.921 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF139610.D

Acq: 02 Oct 2024 16:53

Instrument :

BNA_F

ClientSampleId :

TR-04-092724

Tgt Ion: 77 Resp: 60584

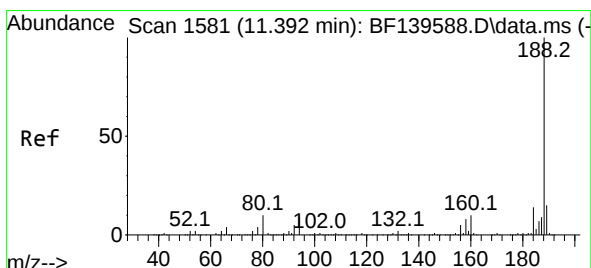
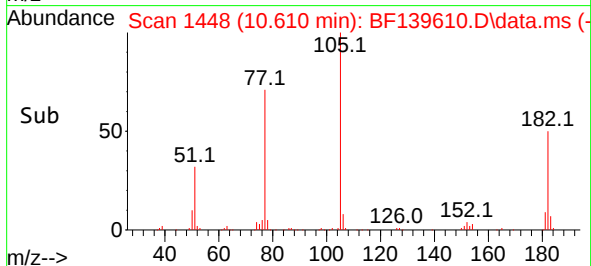
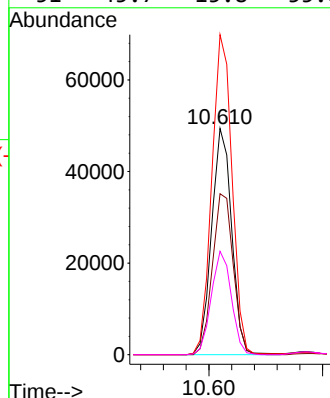
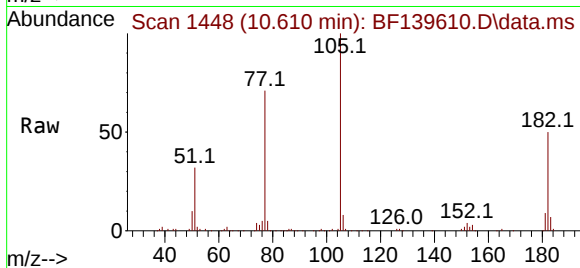
Ion Ratio Lower Upper

77 100

182 71.1 4.2 44.2#

105 141.5 0.0 39.6#

51 45.7 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF139610.D

Acq: 02 Oct 2024 16:53

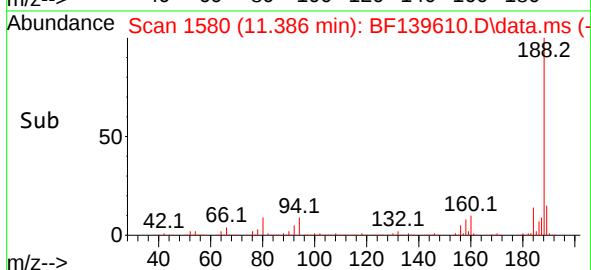
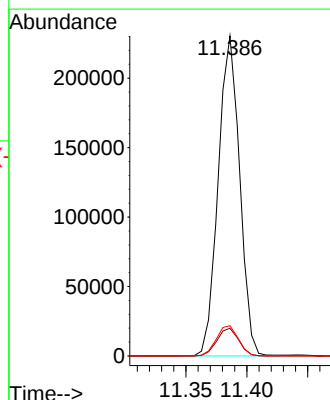
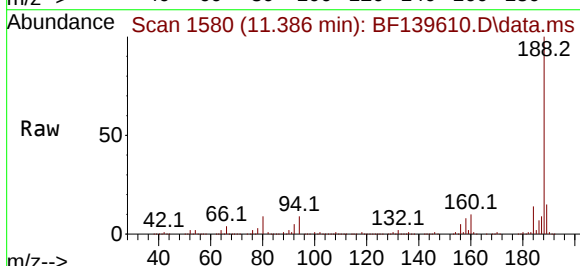
Tgt Ion: 188 Resp: 282837

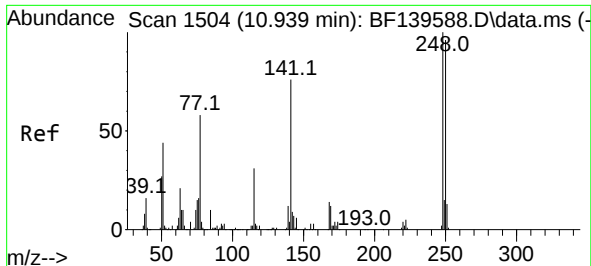
Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.5 8.2 12.2

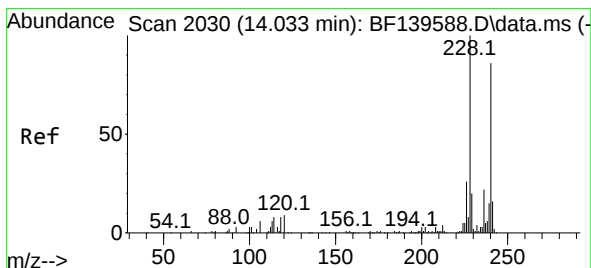
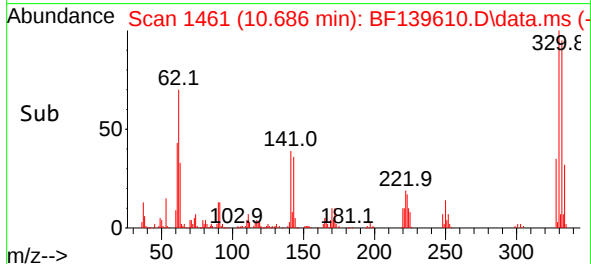
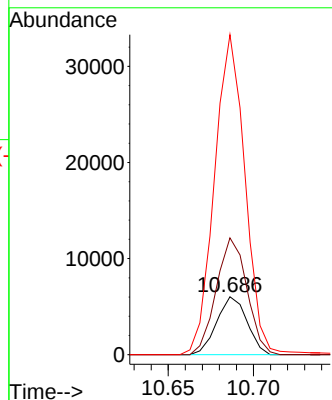
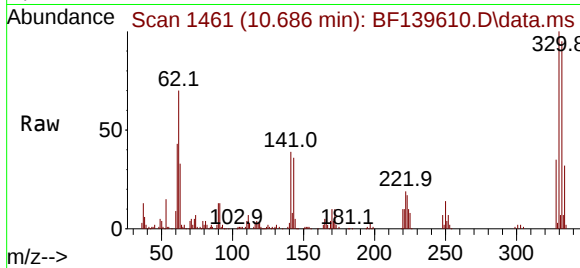




#67
4-Bromophenyl-phenylether
Concen: 2.567 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

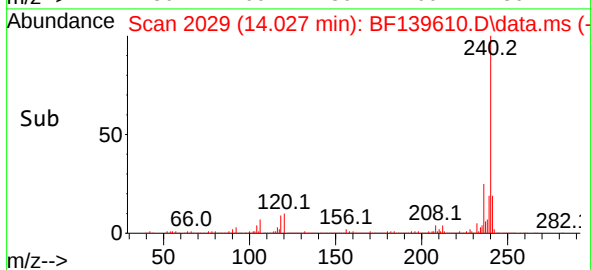
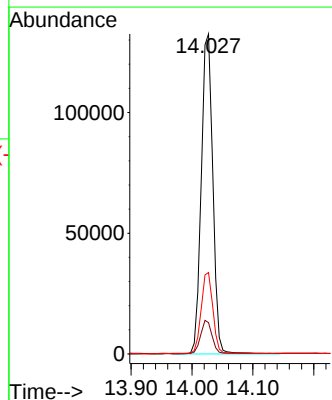
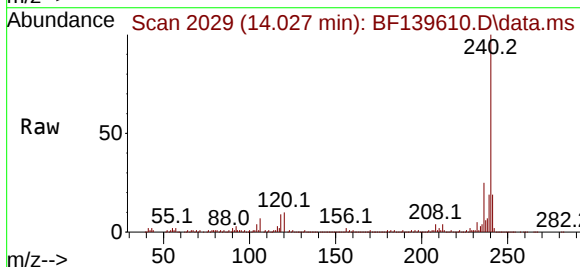
Instrument :
BNA_F
ClientSampleId :
TR-04-092724

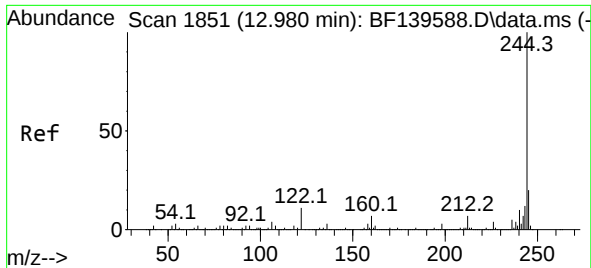
Tgt Ion:248 Resp: 7443
Ion Ratio Lower Upper
248 100
250 201.6 77.1 115.7#
141 552.1 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

Tgt Ion:240 Resp: 175197
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.5 20.3 30.5

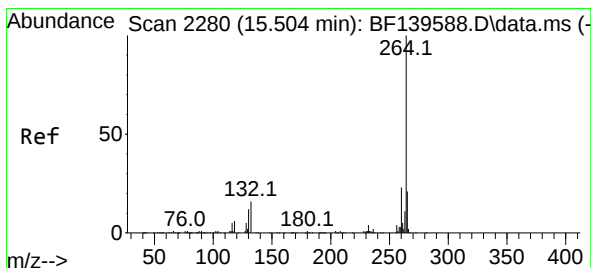
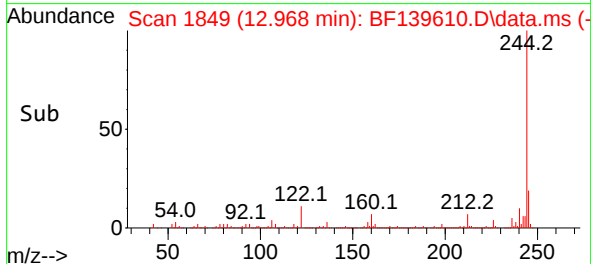
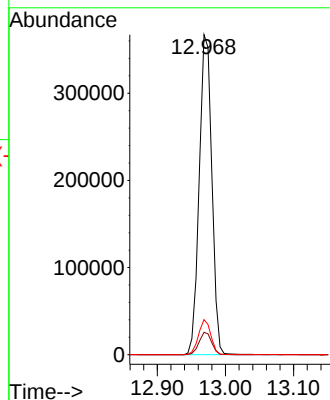
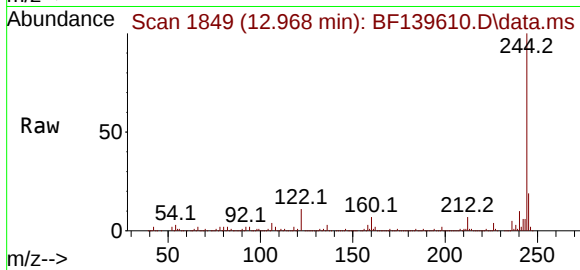




#79
 Terphenyl-d14
 Concen: 44.270 ng
 RT: 12.968 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF139610.D
 Acq: 02 Oct 2024 16:53

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-092724

Tgt Ion:244 Resp: 472689
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF139610.D
 Acq: 02 Oct 2024 16:53

Tgt Ion:264 Resp: 167932
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.5 16.9 25.3

