

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140431.D
 Acq On : 16 Nov 2024 15:49
 Operator : RC/JU
 Sample : P4821-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-24

Quant Time: Nov 18 00:07:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

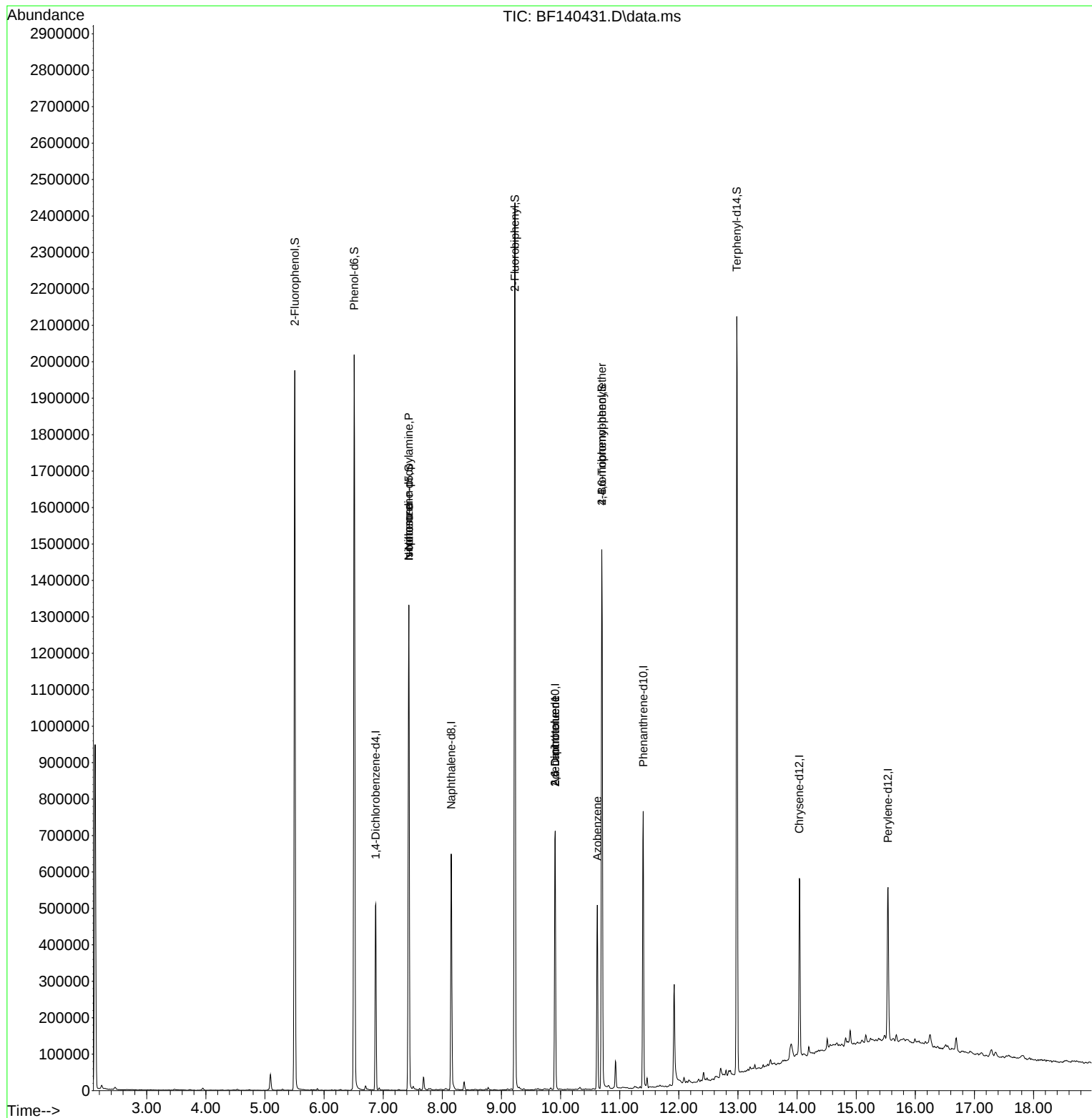
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	110779	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	411506	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	221246	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	411127	20.000	ng	0.00
76) Chrysene-d12	14.039	240	239415	20.000	ng	-0.01
86) Perylene-d12	15.539	264	255602	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	738677	113.849	ng	0.01
7) Phenol-d6	6.510	99	972572	110.639	ng	0.00
23) Nitrobenzene-d5	7.434	82	614721	77.833	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	245814	111.728	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1083497	78.726	ng	0.00
79) Terphenyl-d14	12.980	244	1018170	73.819	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	82297	15.501	ng	# 75
25) Isophorone	7.434	82	610715	43.630	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	28792	8.758	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	28792	6.654	ng	# 20
63) Azobenzene	10.622	77	132323	9.082	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	16060	3.908	ng	# 1

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

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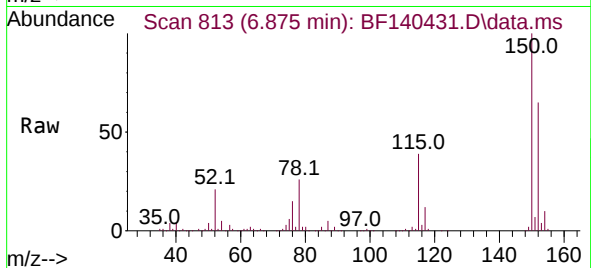
Quant Time: Nov 18 00:07:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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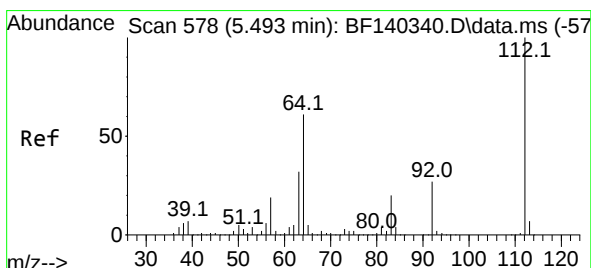
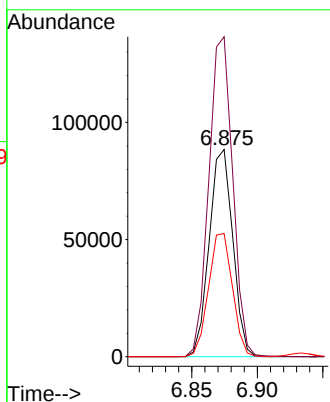
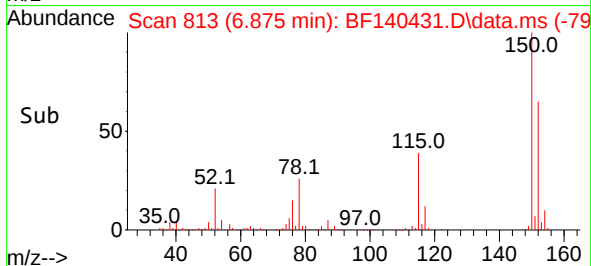


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140431.D
Acq: 16 Nov 2024 15:49

Instrument :
BNA_F
ClientSampleId :
BP-F-24

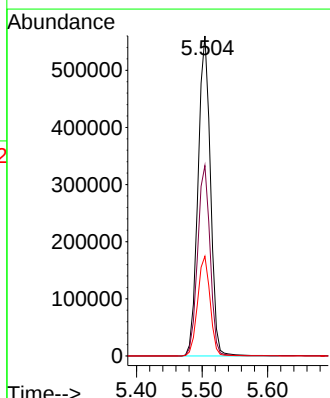
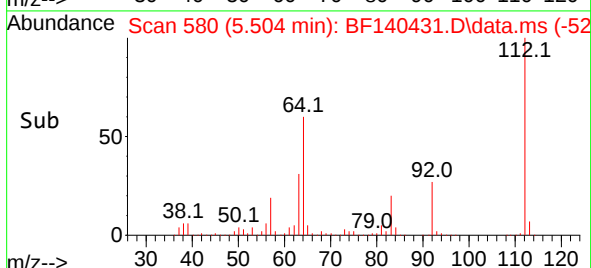
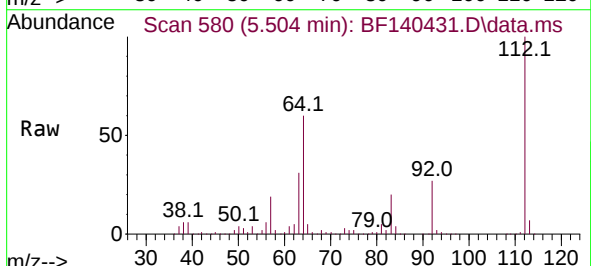


Tgt Ion:152 Resp: 110779
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.0
115 59.5 47.4 71.2



#5
2-Fluorophenol
Concen: 113.849 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140431.D
Acq: 16 Nov 2024 15:49

Tgt Ion:112 Resp: 738677
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 31.2 25.6 38.4

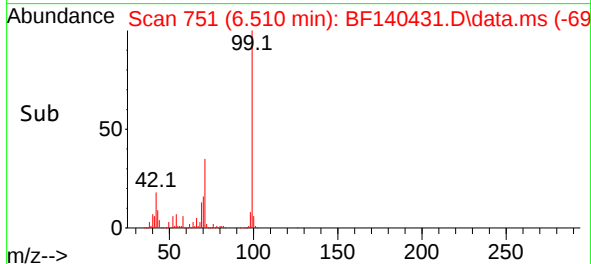
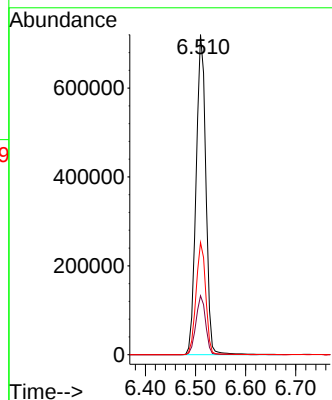
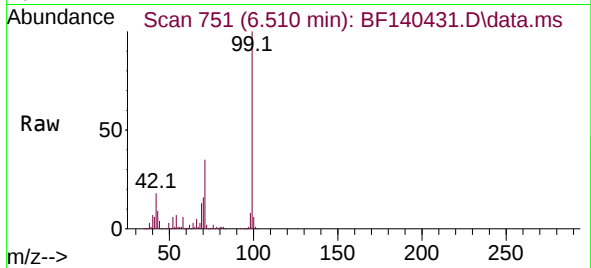




#7
Phenol-d6
Concen: 110.639 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140431.D
Acq: 16 Nov 2024 15:49

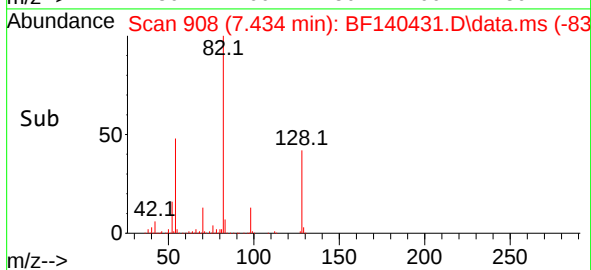
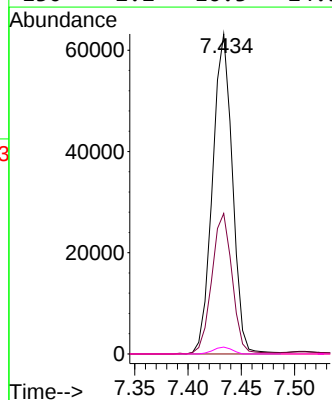
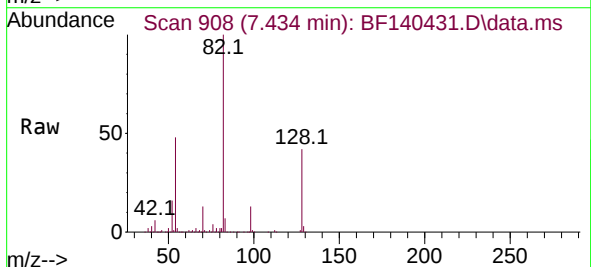
Instrument :
BNA_F
ClientSampleId :
BP-F-24

Tgt Ion: 99 Resp: 972572
Ion Ratio Lower Upper
99 100
42 18.4 15.1 22.7
71 35.1 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 15.501 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140431.D
Acq: 16 Nov 2024 15:49

Tgt Ion: 70 Resp: 82297
Ion Ratio Lower Upper
70 100
42 43.9 46.8 70.2#
101 0.0 7.5 11.3#
130 2.2 16.3 24.5#



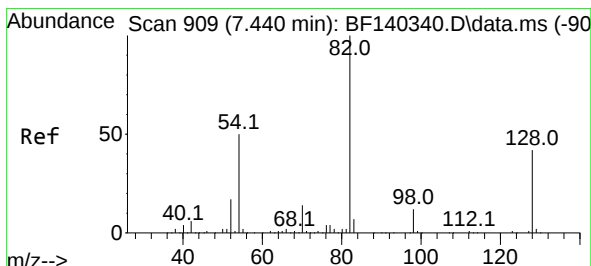
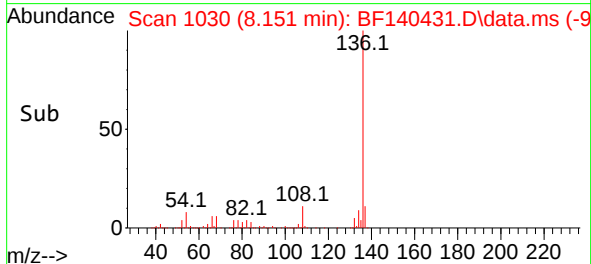
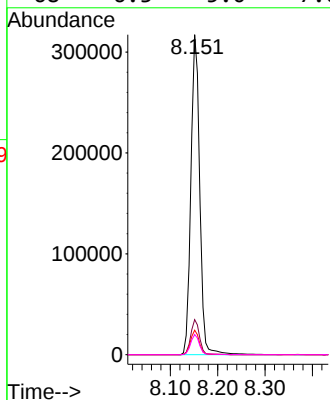
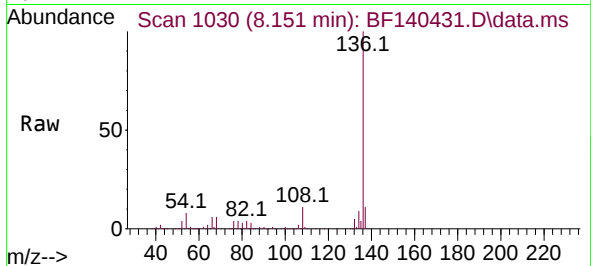


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140431.D
Acq: 16 Nov 2024 15:49

Instrument :
BNA_F
ClientSampleId :
BP-F-24

Tgt Ion:136 Resp: 411506

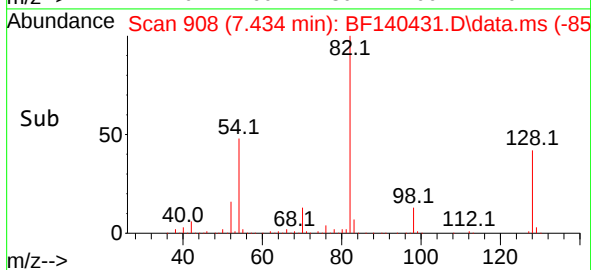
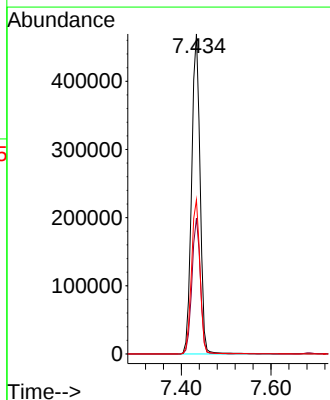
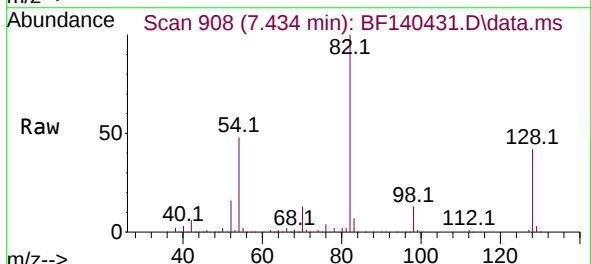
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.7	6.5	9.7
68	6.3	5.0	7.6



#23
Nitrobenzene-d5
Concen: 77.833 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140431.D
Acq: 16 Nov 2024 15:49

Tgt Ion: 82 Resp: 614721

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	48.2	39.8	59.8

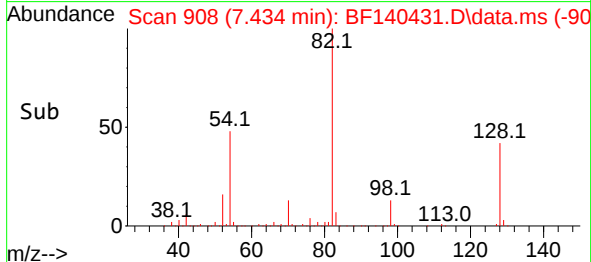
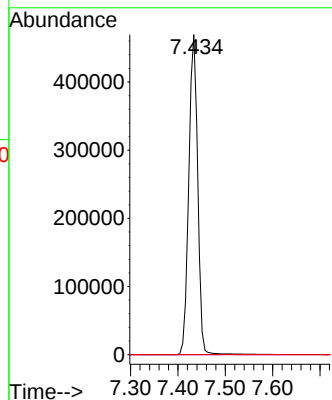
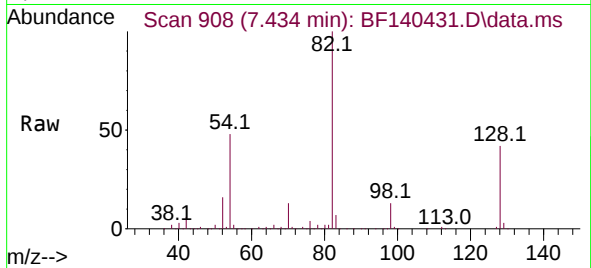




#25
Isophorone
Concen: 43.630 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140431.D
Acq: 16 Nov 2024 15:49

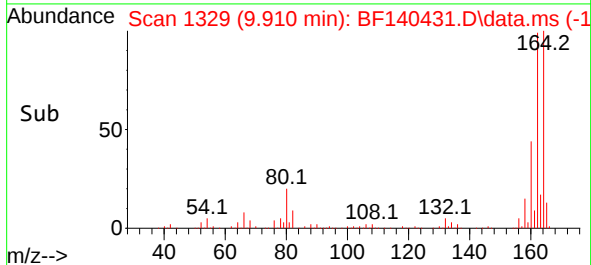
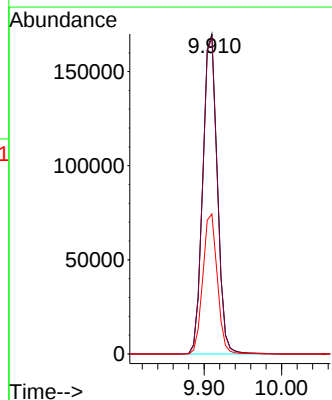
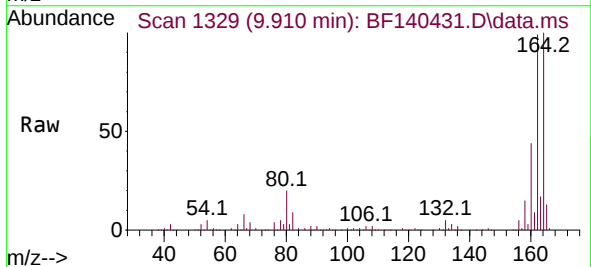
Instrument :
BNA_F
ClientSampleId :
BP-F-24

Tgt Ion: 82 Resp: 610715
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140431.D
Acq: 16 Nov 2024 15:49

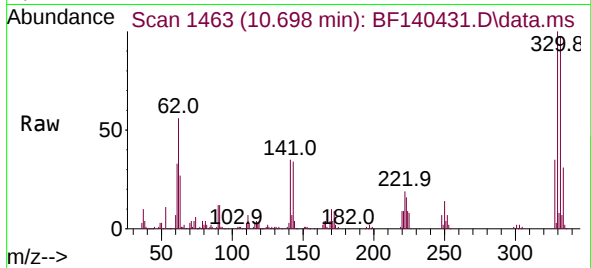
Tgt Ion:164 Resp: 221246
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.8
160 43.8 35.4 53.0



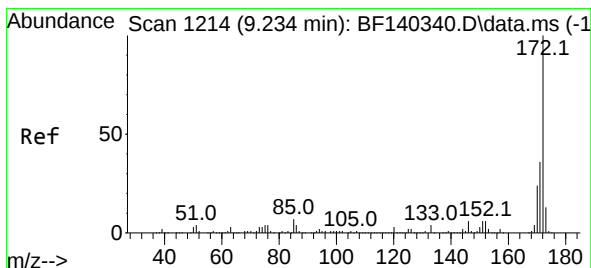
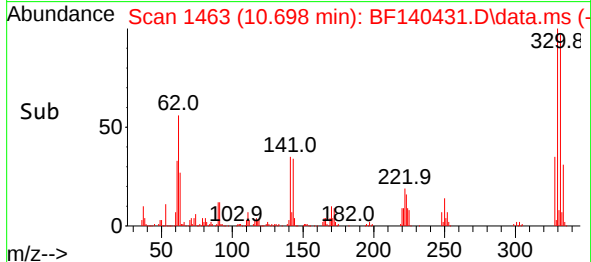
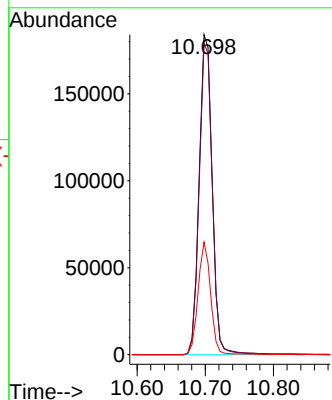


#42
2,4,6-Tribromophenol
Concen: 111.728 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140431.D
Acq: 16 Nov 2024 15:49

Instrument :
BNA_F
ClientSampleId :
BP-F-24

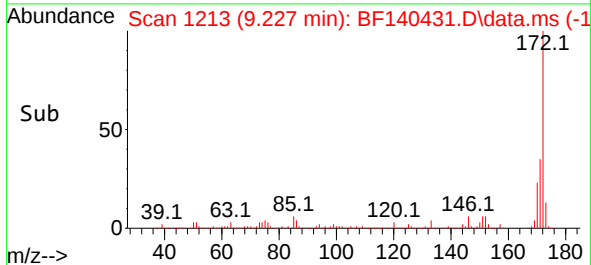
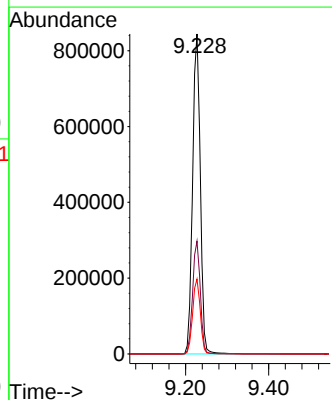
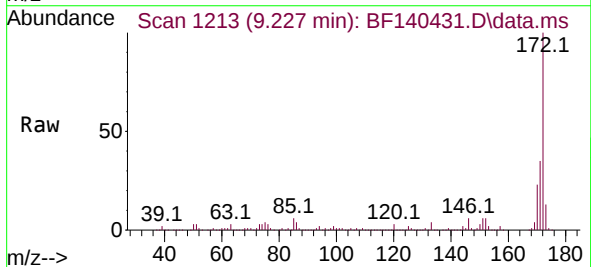


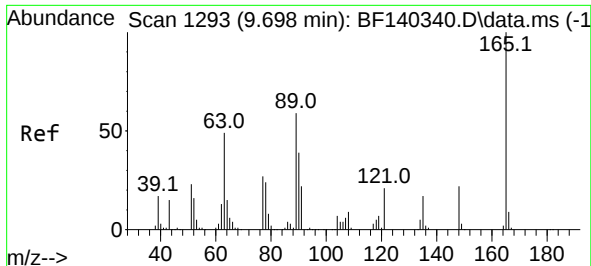
Tgt Ion:330 Resp: 245814
Ion Ratio Lower Upper
330 100
332 98.2 75.9 113.9
141 33.9 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 78.726 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140431.D
Acq: 16 Nov 2024 15:49

Tgt Ion:172 Resp: 1083497
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.4 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.758 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF140431.D

Acq: 16 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

BP-F-24

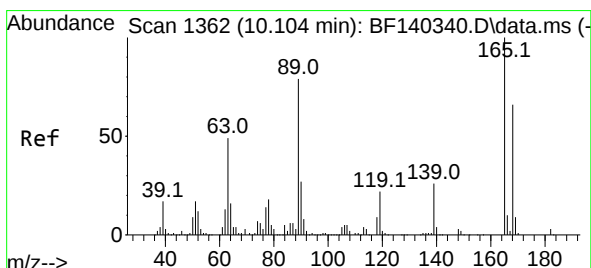
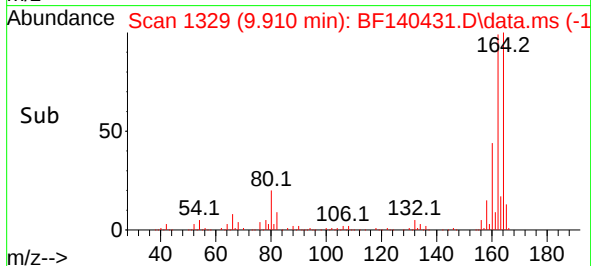
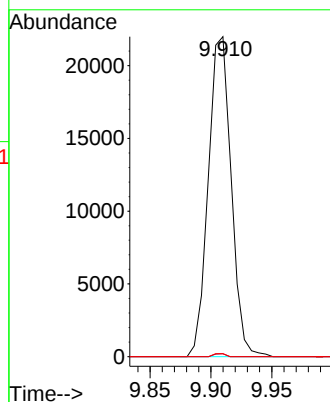
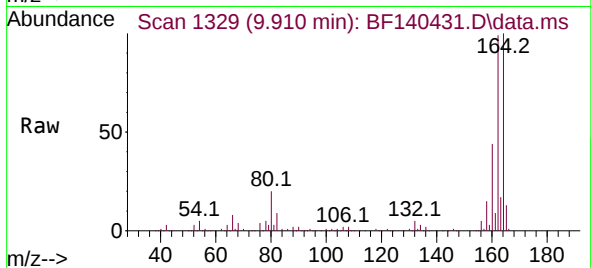
Tgt Ion:165 Resp: 28792

Ion Ratio Lower Upper

165 100

63 0.9 47.6 71.4#

89 0.9 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.654 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF140431.D

Acq: 16 Nov 2024 15:49

Tgt Ion:165 Resp: 28792

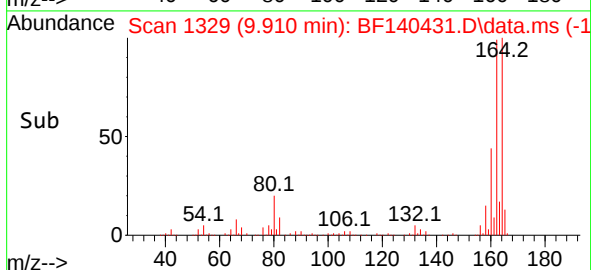
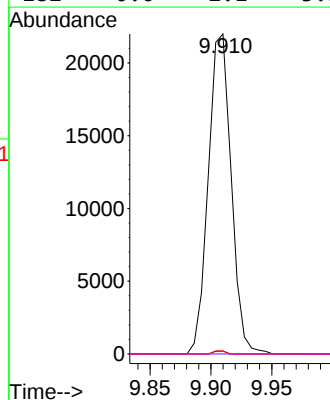
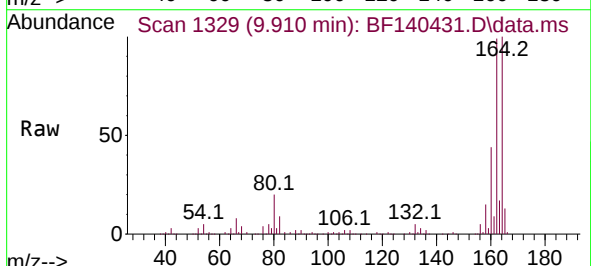
Ion Ratio Lower Upper

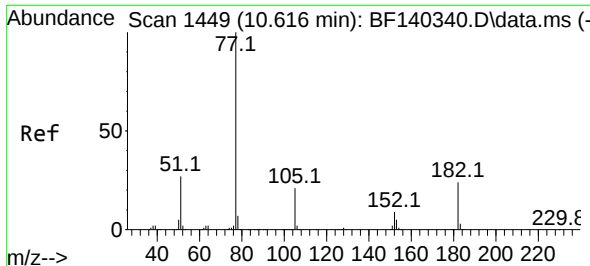
165 100

63 0.9 39.4 59.0#

89 0.9 62.4 93.6#

182 0.0 2.1 3.1#

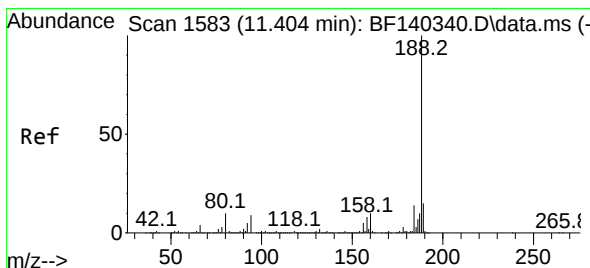
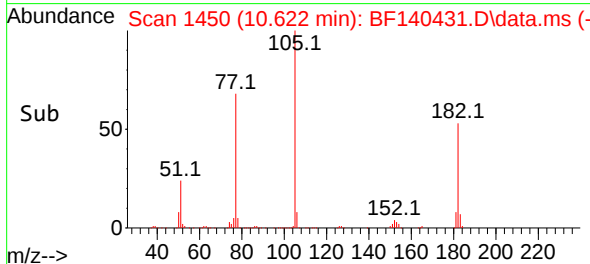
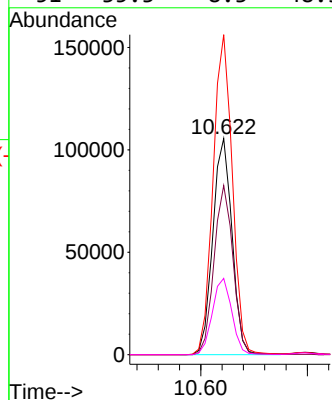
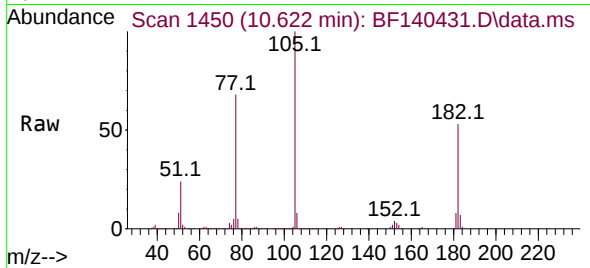




#63
Azobenzene
Concen: 9.082 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140431.D
Acq: 16 Nov 2024 15:49

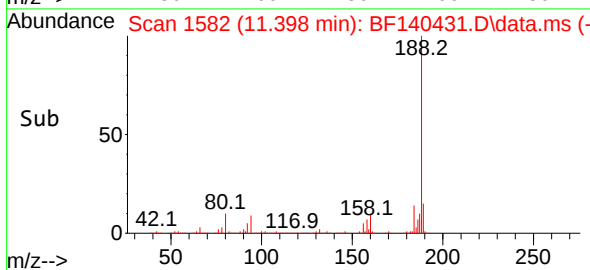
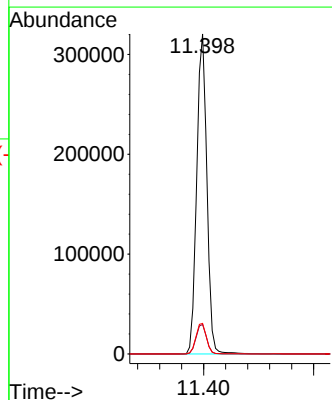
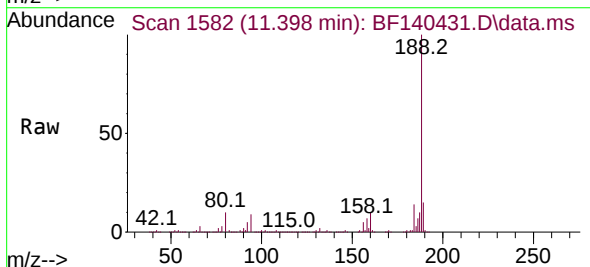
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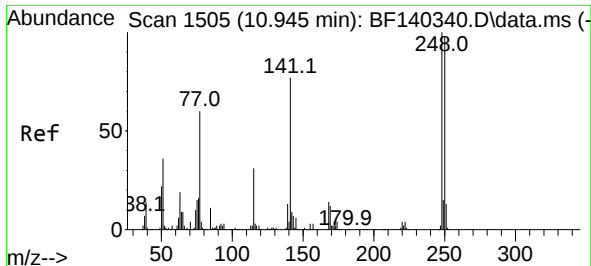
Tgt Ion: 77	Resp: 132323
Ion Ratio	Lower Upper
77 100	
182 78.2	4.6 44.6#
105 148.1	0.9 40.9#
51 35.3	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140431.D
Acq: 16 Nov 2024 15:49

Tgt Ion: 188	Resp: 411127
Ion Ratio	Lower Upper
188 100	
94 9.2	7.6 11.4
80 9.5	8.0 12.0

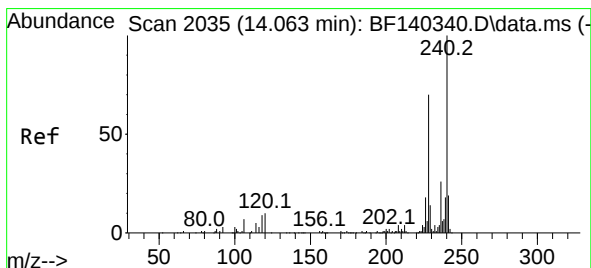
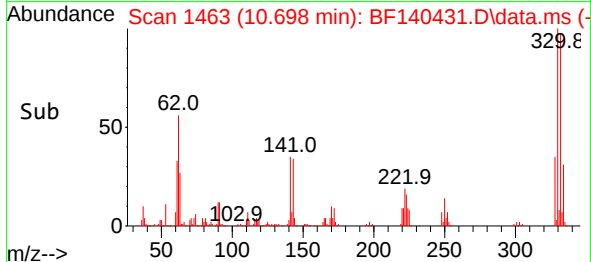
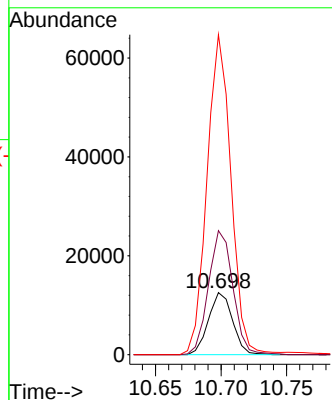
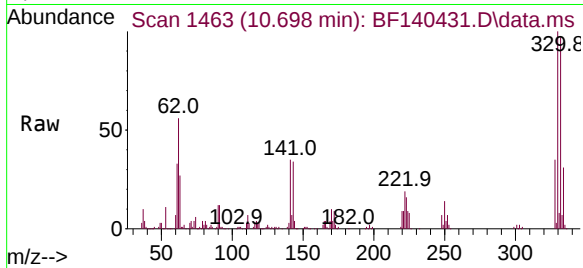




#67
4-Bromophenyl-phenylether
Concen: 3.908 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140431.D
Acq: 16 Nov 2024 15:49

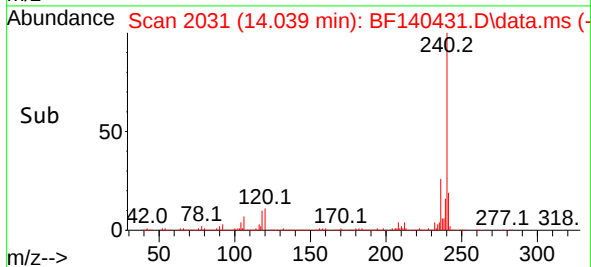
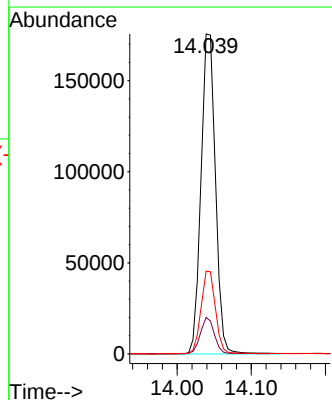
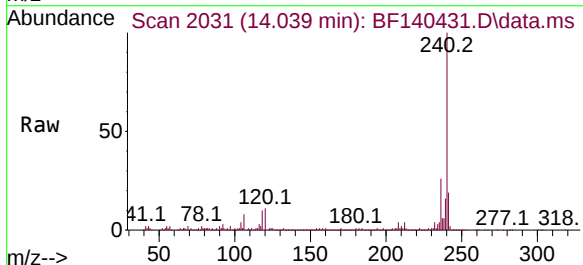
Instrument :
BNA_F
ClientSampleId :
BP-F-24

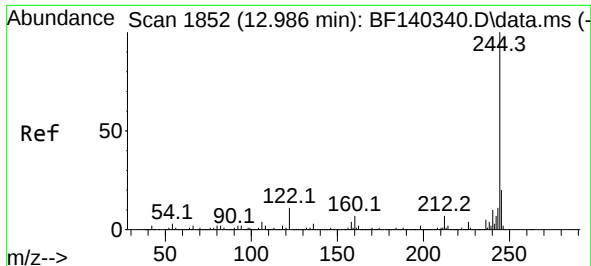
Tgt Ion:248 Resp: 16060
Ion Ratio Lower Upper
248 100
250 199.8 77.9 116.9#
141 515.3 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140431.D
Acq: 16 Nov 2024 15:49

Tgt Ion:240 Resp: 239415
Ion Ratio Lower Upper
240 100
120 11.4 8.8 13.2
236 25.9 20.9 31.3

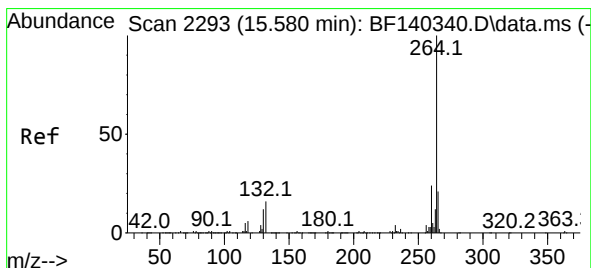
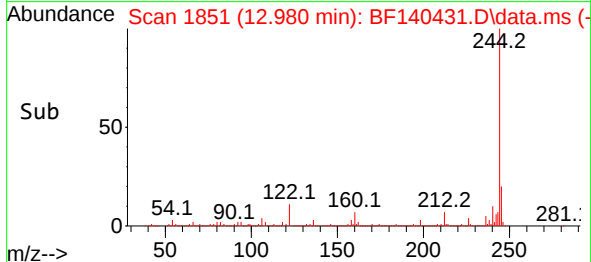
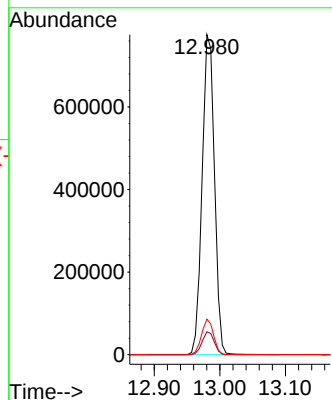
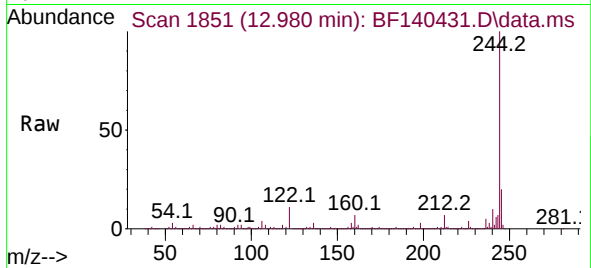




#79
 Terphenyl-d14
 Concen: 73.819 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140431.D
 Acq: 16 Nov 2024 15:49

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-24

Tgt Ion:244 Resp: 1018170
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. -0.018 min
 Lab File: BF140431.D
 Acq: 16 Nov 2024 15:49

Tgt Ion:264 Resp: 255602
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.1 17.1 25.7

